



TOWNSHIP of HOPEWELL
MERCER COUNTY

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

PROJECT / APPLICATION

BLOCK: 93

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

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

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

SWM PLANS
P. 3001-7000

AUGUST 2025

Summary for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Runoff = 38.27 cfs @ 12.16 hrs, Volume= 3.056 af, Depth= 7.48"
 Routed to Link PDA-1OF : PDA-1 (offsite)

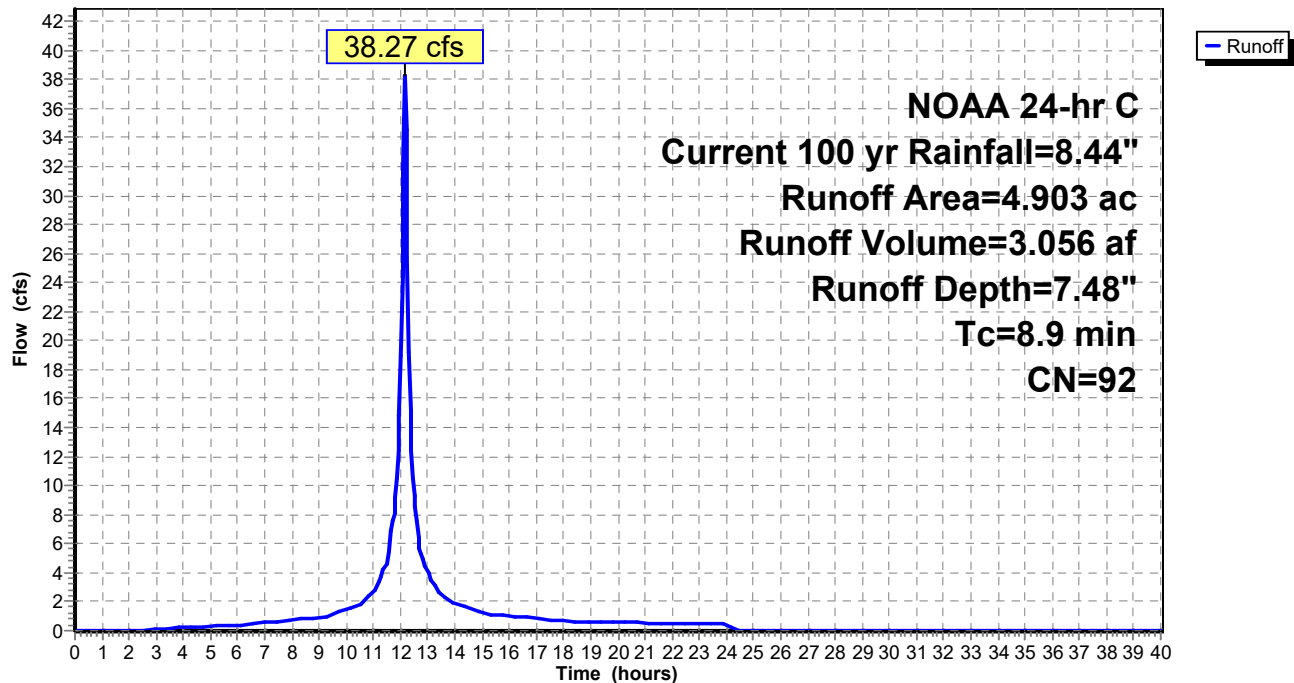
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
4.536	92	Paved roads w/open ditches, 50% imp, HSG C
* 0.367	98	Roofs
4.903	92	Weighted Average
2.268		46.26% Pervious Area
2.635		53.74% Impervious Area

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

Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.01	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.01	0.08
0.10	0.01	0.00	0.00	2.70	0.26	0.01	0.08
0.15	0.02	0.00	0.00	2.75	0.27	0.01	0.09
0.20	0.02	0.00	0.00	2.80	0.28	0.01	0.09
0.25	0.02	0.00	0.00	2.85	0.28	0.01	0.10
0.30	0.03	0.00	0.00	2.90	0.29	0.01	0.10
0.35	0.03	0.00	0.00	2.95	0.29	0.01	0.11
0.40	0.04	0.00	0.00	3.00	0.30	0.02	0.11
0.45	0.04	0.00	0.00	3.05	0.30	0.02	0.12
0.50	0.05	0.00	0.00	3.10	0.31	0.02	0.12
0.55	0.05	0.00	0.00	3.15	0.31	0.02	0.13
0.60	0.06	0.00	0.00	3.20	0.32	0.02	0.13
0.65	0.06	0.00	0.00	3.25	0.33	0.02	0.14
0.70	0.06	0.00	0.00	3.30	0.33	0.02	0.14
0.75	0.07	0.00	0.00	3.35	0.34	0.03	0.15
0.80	0.07	0.00	0.00	3.40	0.34	0.03	0.16
0.85	0.08	0.00	0.00	3.45	0.35	0.03	0.16
0.90	0.08	0.00	0.00	3.50	0.35	0.03	0.17
0.95	0.09	0.00	0.00	3.55	0.36	0.03	0.17
1.00	0.09	0.00	0.00	3.60	0.37	0.03	0.18
1.05	0.10	0.00	0.00	3.65	0.37	0.04	0.18
1.10	0.10	0.00	0.00	3.70	0.38	0.04	0.19
1.15	0.11	0.00	0.00	3.75	0.38	0.04	0.19
1.20	0.11	0.00	0.00	3.80	0.39	0.04	0.19
1.25	0.12	0.00	0.00	3.85	0.40	0.04	0.20
1.30	0.12	0.00	0.00	3.90	0.40	0.05	0.20
1.35	0.13	0.00	0.00	3.95	0.41	0.05	0.21
1.40	0.13	0.00	0.00	4.00	0.41	0.05	0.21
1.45	0.14	0.00	0.00	4.05	0.42	0.05	0.22
1.50	0.14	0.00	0.00	4.10	0.43	0.06	0.22
1.55	0.15	0.00	0.00	4.15	0.43	0.06	0.23
1.60	0.15	0.00	0.00	4.20	0.44	0.06	0.23
1.65	0.16	0.00	0.00	4.25	0.44	0.06	0.24
1.70	0.16	0.00	0.00	4.30	0.45	0.07	0.24
1.75	0.17	0.00	0.00	4.35	0.46	0.07	0.25
1.80	0.17	0.00	0.00	4.40	0.46	0.07	0.25
1.85	0.18	0.00	0.00	4.45	0.47	0.07	0.26
1.90	0.18	0.00	0.00	4.50	0.47	0.08	0.26
1.95	0.19	0.00	0.00	4.55	0.48	0.08	0.27
2.00	0.19	0.00	0.01	4.60	0.49	0.08	0.27
2.05	0.20	0.00	0.01	4.65	0.49	0.09	0.27
2.10	0.20	0.00	0.02	4.70	0.50	0.09	0.28
2.15	0.21	0.00	0.02	4.75	0.51	0.09	0.28
2.20	0.21	0.00	0.03	4.80	0.51	0.09	0.29
2.25	0.22	0.00	0.03	4.85	0.52	0.10	0.29
2.30	0.22	0.00	0.04	4.90	0.52	0.10	0.30
2.35	0.23	0.00	0.04	4.95	0.53	0.10	0.30
2.40	0.23	0.00	0.05	5.00	0.54	0.11	0.31
2.45	0.24	0.00	0.05	5.05	0.54	0.11	0.31
2.50	0.24	0.01	0.06	5.10	0.55	0.11	0.31
2.55	0.25	0.01	0.07	5.15	0.56	0.12	0.32

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.12	0.32	7.80	0.97	0.38	0.69
5.25	0.57	0.12	0.33	7.85	0.98	0.39	0.70
5.30	0.58	0.13	0.33	7.90	0.99	0.40	0.71
5.35	0.58	0.13	0.34	7.95	1.00	0.40	0.71
5.40	0.59	0.13	0.34	8.00	1.01	0.41	0.72
5.45	0.60	0.14	0.34	8.05	1.02	0.42	0.73
5.50	0.60	0.14	0.35	8.10	1.03	0.43	0.74
5.55	0.61	0.14	0.35	8.15	1.04	0.43	0.75
5.60	0.62	0.15	0.36	8.20	1.05	0.44	0.76
5.65	0.62	0.15	0.36	8.25	1.06	0.45	0.77
5.70	0.63	0.16	0.36	8.30	1.07	0.46	0.78
5.75	0.64	0.16	0.37	8.35	1.08	0.47	0.79
5.80	0.64	0.16	0.37	8.40	1.10	0.47	0.80
5.85	0.65	0.17	0.38	8.45	1.11	0.48	0.81
5.90	0.66	0.17	0.38	8.50	1.12	0.49	0.82
5.95	0.66	0.18	0.39	8.55	1.13	0.50	0.83
6.00	0.67	0.18	0.39	8.60	1.14	0.51	0.84
6.05	0.68	0.18	0.39	8.65	1.15	0.52	0.85
6.10	0.68	0.19	0.40	8.70	1.16	0.53	0.86
6.15	0.69	0.19	0.41	8.75	1.17	0.54	0.87
6.20	0.70	0.20	0.41	8.80	1.19	0.54	0.87
6.25	0.70	0.20	0.42	8.85	1.20	0.55	0.88
6.30	0.71	0.21	0.43	8.90	1.21	0.56	0.89
6.35	0.72	0.21	0.44	8.95	1.22	0.57	0.90
6.40	0.73	0.21	0.45	9.00	1.23	0.58	0.91
6.45	0.73	0.22	0.45	9.05	1.25	0.59	0.92
6.50	0.74	0.22	0.46	9.10	1.26	0.60	0.94
6.55	0.75	0.23	0.47	9.15	1.27	0.61	0.97
6.60	0.76	0.23	0.48	9.20	1.28	0.62	0.99
6.65	0.77	0.24	0.49	9.25	1.30	0.63	1.02
6.70	0.77	0.24	0.49	9.30	1.31	0.64	1.05
6.75	0.78	0.25	0.50	9.35	1.33	0.66	1.08
6.80	0.79	0.26	0.51	9.40	1.34	0.67	1.11
6.85	0.80	0.26	0.52	9.45	1.35	0.68	1.14
6.90	0.81	0.27	0.53	9.50	1.37	0.69	1.16
6.95	0.81	0.27	0.54	9.55	1.39	0.71	1.19
7.00	0.82	0.28	0.55	9.60	1.40	0.72	1.22
7.05	0.83	0.28	0.55	9.65	1.42	0.73	1.25
7.10	0.84	0.29	0.56	9.70	1.43	0.75	1.28
7.15	0.85	0.30	0.57	9.75	1.45	0.76	1.31
7.20	0.86	0.30	0.58	9.80	1.47	0.77	1.34
7.25	0.87	0.31	0.59	9.85	1.49	0.79	1.37
7.30	0.88	0.31	0.60	9.90	1.50	0.80	1.40
7.35	0.89	0.32	0.61	9.95	1.52	0.82	1.44
7.40	0.89	0.33	0.61	10.00	1.54	0.83	1.47
7.45	0.90	0.33	0.62	10.05	1.56	0.85	1.50
7.50	0.91	0.34	0.63	10.10	1.58	0.87	1.53
7.55	0.92	0.35	0.64	10.15	1.60	0.88	1.56
7.60	0.93	0.35	0.65	10.20	1.62	0.90	1.59
7.65	0.94	0.36	0.66	10.25	1.64	0.92	1.62
7.70	0.95	0.37	0.67	10.30	1.66	0.93	1.65
7.75	0.96	0.37	0.68	10.35	1.68	0.95	1.68

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.97	1.71	13.00	6.41	5.48	4.08
10.45	1.72	0.99	1.75	13.05	6.45	5.51	3.87
10.50	1.74	1.01	1.78	13.10	6.48	5.54	3.64
10.55	1.76	1.03	1.82	13.15	6.51	5.57	3.44
10.60	1.79	1.05	1.89	13.20	6.54	5.60	3.27
10.65	1.81	1.07	1.98	13.25	6.57	5.63	3.13
10.70	1.84	1.09	2.09	13.30	6.60	5.66	3.00
10.75	1.87	1.12	2.19	13.35	6.63	5.69	2.88
10.80	1.90	1.14	2.31	13.40	6.65	5.71	2.76
10.85	1.93	1.17	2.42	13.45	6.68	5.74	2.64
10.90	1.96	1.20	2.53	13.50	6.70	5.76	2.52
10.95	1.99	1.23	2.64	13.55	6.72	5.78	2.41
11.00	2.03	1.26	2.76	13.60	6.74	5.80	2.29
11.05	2.06	1.29	2.88	13.65	6.76	5.82	2.18
11.10	2.10	1.33	3.05	13.70	6.78	5.84	2.11
11.15	2.14	1.37	3.24	13.75	6.80	5.86	2.06
11.20	2.19	1.41	3.44	13.80	6.82	5.88	2.02
11.25	2.23	1.45	3.65	13.85	6.84	5.90	1.98
11.30	2.28	1.49	3.87	13.90	6.86	5.92	1.95
11.35	2.33	1.54	4.08	13.95	6.88	5.94	1.92
11.40	2.38	1.59	4.30	14.00	6.90	5.96	1.89
11.45	2.44	1.64	4.51	14.05	6.92	5.98	1.86
11.50	2.49	1.69	4.71	14.10	6.94	5.99	1.82
11.55	2.58	1.77	5.02	14.15	6.95	6.01	1.79
11.60	2.66	1.85	5.84	14.20	6.97	6.03	1.76
11.65	2.75	1.93	6.85	14.25	6.99	6.04	1.74
11.70	2.84	2.01	7.55	14.30	7.01	6.06	1.70
11.75	2.97	2.13	8.12	14.35	7.02	6.08	1.67
11.80	3.09	2.25	9.15	14.40	7.04	6.09	1.64
11.85	3.26	2.41	10.54	14.45	7.05	6.11	1.61
11.90	3.43	2.57	12.42	14.50	7.07	6.12	1.58
11.95	3.73	2.85	14.86	14.55	7.09	6.14	1.55
12.00	4.02	3.14	19.02	14.60	7.10	6.15	1.52
12.05	4.52	3.62	24.48	14.65	7.11	6.17	1.49
12.10	5.01	4.10	32.04	14.70	7.13	6.18	1.46
12.15	5.18	4.26	38.20	14.75	7.14	6.20	1.42
12.20	5.35	4.43	34.48	14.80	7.16	6.21	1.39
12.25	5.47	4.55	25.67	14.85	7.17	6.22	1.37
12.30	5.60	4.67	19.18	14.90	7.18	6.23	1.33
12.35	5.69	4.76	15.18	14.95	7.19	6.25	1.30
12.40	5.78	4.85	12.41	15.00	7.21	6.26	1.27
12.45	5.86	4.93	10.46	15.05	7.22	6.27	1.24
12.50	5.95	5.02	9.33	15.10	7.23	6.28	1.21
12.55	6.00	5.07	8.60	15.15	7.24	6.29	1.18
12.60	6.06	5.12	7.55	15.20	7.25	6.31	1.16
12.65	6.11	5.18	6.43	15.25	7.27	6.32	1.15
12.70	6.16	5.23	5.72	15.30	7.28	6.33	1.14
12.75	6.21	5.27	5.32	15.35	7.29	6.34	1.13
12.80	6.25	5.32	5.02	15.40	7.30	6.35	1.12
12.85	6.30	5.36	4.77	15.45	7.31	6.36	1.11
12.90	6.34	5.40	4.53	15.50	7.32	6.37	1.11
12.95	6.38	5.44	4.31	15.55	7.33	6.38	1.10

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	6.39	1.09	18.20	7.80	6.84	0.67
15.65	7.36	6.41	1.08	18.25	7.80	6.85	0.66
15.70	7.37	6.42	1.07	18.30	7.81	6.86	0.66
15.75	7.38	6.43	1.06	18.35	7.82	6.86	0.66
15.80	7.39	6.44	1.05	18.40	7.82	6.87	0.66
15.85	7.40	6.45	1.05	18.45	7.83	6.88	0.65
15.90	7.41	6.46	1.04	18.50	7.84	6.88	0.65
15.95	7.42	6.47	1.03	18.55	7.84	6.89	0.65
16.00	7.43	6.48	1.02	18.60	7.85	6.90	0.65
16.05	7.44	6.49	1.01	18.65	7.86	6.90	0.65
16.10	7.45	6.50	1.01	18.70	7.86	6.91	0.64
16.15	7.46	6.51	1.00	18.75	7.87	6.92	0.64
16.20	7.47	6.52	0.99	18.80	7.88	6.92	0.64
16.25	7.48	6.53	0.98	18.85	7.88	6.93	0.64
16.30	7.49	6.54	0.97	18.90	7.89	6.93	0.64
16.35	7.50	6.55	0.96	18.95	7.90	6.94	0.63
16.40	7.51	6.56	0.96	19.00	7.90	6.95	0.63
16.45	7.52	6.57	0.95	19.05	7.91	6.95	0.63
16.50	7.53	6.58	0.94	19.10	7.92	6.96	0.63
16.55	7.54	6.58	0.93	19.15	7.92	6.97	0.63
16.60	7.55	6.59	0.92	19.20	7.93	6.97	0.62
16.65	7.55	6.60	0.92	19.25	7.93	6.98	0.62
16.70	7.56	6.61	0.91	19.30	7.94	6.99	0.62
16.75	7.57	6.62	0.90	19.35	7.95	6.99	0.62
16.80	7.58	6.63	0.89	19.40	7.95	7.00	0.61
16.85	7.59	6.64	0.88	19.45	7.96	7.00	0.61
16.90	7.60	6.65	0.87	19.50	7.97	7.01	0.61
16.95	7.61	6.66	0.87	19.55	7.97	7.02	0.61
17.00	7.62	6.66	0.86	19.60	7.98	7.02	0.61
17.05	7.63	6.67	0.85	19.65	7.98	7.03	0.60
17.10	7.63	6.68	0.84	19.70	7.99	7.03	0.60
17.15	7.64	6.69	0.84	19.75	8.00	7.04	0.60
17.20	7.65	6.70	0.83	19.80	8.00	7.05	0.60
17.25	7.66	6.71	0.82	19.85	8.01	7.05	0.60
17.30	7.67	6.71	0.81	19.90	8.01	7.06	0.60
17.35	7.67	6.72	0.80	19.95	8.02	7.06	0.59
17.40	7.68	6.73	0.79	20.00	8.03	7.07	0.59
17.45	7.69	6.74	0.79	20.05	8.03	7.08	0.59
17.50	7.70	6.74	0.78	20.10	8.04	7.08	0.59
17.55	7.71	6.75	0.77	20.15	8.04	7.09	0.58
17.60	7.71	6.76	0.76	20.20	8.05	7.09	0.58
17.65	7.72	6.77	0.75	20.25	8.06	7.10	0.58
17.70	7.73	6.77	0.74	20.30	8.06	7.11	0.58
17.75	7.74	6.78	0.74	20.35	8.07	7.11	0.58
17.80	7.74	6.79	0.73	20.40	8.07	7.12	0.57
17.85	7.75	6.80	0.72	20.45	8.08	7.12	0.57
17.90	7.76	6.80	0.71	20.50	8.09	7.13	0.57
17.95	7.76	6.81	0.70	20.55	8.09	7.13	0.57
18.00	7.77	6.82	0.70	20.60	8.10	7.14	0.57
18.05	7.78	6.82	0.69	20.65	8.10	7.15	0.57
18.10	7.78	6.83	0.68	20.70	8.11	7.15	0.56
18.15	7.79	6.84	0.67	20.75	8.11	7.16	0.56

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.16	0.56	23.40	8.38	7.42	0.45
20.85	8.13	7.17	0.56	23.45	8.39	7.43	0.45
20.90	8.13	7.17	0.55	23.50	8.39	7.43	0.45
20.95	8.14	7.18	0.55	23.55	8.40	7.44	0.45
21.00	8.14	7.18	0.55	23.60	8.40	7.44	0.44
21.05	8.15	7.19	0.55	23.65	8.41	7.45	0.44
21.10	8.15	7.20	0.54	23.70	8.41	7.45	0.44
21.15	8.16	7.20	0.54	23.75	8.42	7.46	0.44
21.20	8.16	7.21	0.54	23.80	8.42	7.46	0.44
21.25	8.17	7.21	0.54	23.85	8.42	7.46	0.43
21.30	8.18	7.22	0.54	23.90	8.43	7.47	0.43
21.35	8.18	7.22	0.54	23.95	8.43	7.47	0.43
21.40	8.19	7.23	0.53	24.00	8.44	7.48	0.46
21.45	8.19	7.23	0.53	24.05	8.44	7.48	0.47
21.50	8.20	7.24	0.53	24.10	8.44	7.48	0.35
21.55	8.20	7.24	0.53	24.15	8.44	7.48	0.18
21.60	8.21	7.25	0.52	24.20	8.44	7.48	0.08
21.65	8.21	7.25	0.52	24.25	8.44	7.48	0.03
21.70	8.22	7.26	0.52	24.30	8.44	7.48	0.01
21.75	8.22	7.26	0.52	24.35	8.44	7.48	0.01
21.80	8.23	7.27	0.52	24.40	8.44	7.48	0.00
21.85	8.23	7.27	0.52	24.45	8.44	7.48	0.00
21.90	8.24	7.28	0.51	24.50	8.44	7.48	0.00
21.95	8.24	7.29	0.51	24.55	8.44	7.48	0.00
22.00	8.25	7.29	0.51	24.60	8.44	7.48	0.00
22.05	8.25	7.30	0.51	24.65	8.44	7.48	0.00
22.10	8.26	7.30	0.50	24.70	8.44	7.48	0.00
22.15	8.26	7.31	0.50	24.75	8.44	7.48	0.00
22.20	8.27	7.31	0.50	24.80	8.44	7.48	0.00
22.25	8.27	7.32	0.50	24.85	8.44	7.48	0.00
22.30	8.28	7.32	0.50	24.90	8.44	7.48	0.00
22.35	8.28	7.33	0.49	24.95	8.44	7.48	0.00
22.40	8.29	7.33	0.49	25.00	8.44	7.48	0.00
22.45	8.29	7.34	0.49	25.05	8.44	7.48	0.00
22.50	8.30	7.34	0.49	25.10	8.44	7.48	0.00
22.55	8.30	7.34	0.49	25.15	8.44	7.48	0.00
22.60	8.31	7.35	0.48	25.20	8.44	7.48	0.00
22.65	8.31	7.35	0.48	25.25	8.44	7.48	0.00
22.70	8.32	7.36	0.48	25.30	8.44	7.48	0.00
22.75	8.32	7.36	0.48	25.35	8.44	7.48	0.00
22.80	8.33	7.37	0.48	25.40	8.44	7.48	0.00
22.85	8.33	7.37	0.47	25.45	8.44	7.48	0.00
22.90	8.34	7.38	0.47	25.50	8.44	7.48	0.00
22.95	8.34	7.38	0.47	25.55	8.44	7.48	0.00
23.00	8.35	7.39	0.47	25.60	8.44	7.48	0.00
23.05	8.35	7.39	0.47	25.65	8.44	7.48	0.00
23.10	8.36	7.40	0.46	25.70	8.44	7.48	0.00
23.15	8.36	7.40	0.46	25.75	8.44	7.48	0.00
23.20	8.37	7.41	0.46	25.80	8.44	7.48	0.00
23.25	8.37	7.41	0.46	25.85	8.44	7.48	0.00
23.30	8.38	7.42	0.45	25.90	8.44	7.48	0.00
23.35	8.38	7.42	0.45	25.95	8.44	7.48	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	7.48	0.00	28.60	8.44	7.48	0.00
26.05	8.44	7.48	0.00	28.65	8.44	7.48	0.00
26.10	8.44	7.48	0.00	28.70	8.44	7.48	0.00
26.15	8.44	7.48	0.00	28.75	8.44	7.48	0.00
26.20	8.44	7.48	0.00	28.80	8.44	7.48	0.00
26.25	8.44	7.48	0.00	28.85	8.44	7.48	0.00
26.30	8.44	7.48	0.00	28.90	8.44	7.48	0.00
26.35	8.44	7.48	0.00	28.95	8.44	7.48	0.00
26.40	8.44	7.48	0.00	29.00	8.44	7.48	0.00
26.45	8.44	7.48	0.00	29.05	8.44	7.48	0.00
26.50	8.44	7.48	0.00	29.10	8.44	7.48	0.00
26.55	8.44	7.48	0.00	29.15	8.44	7.48	0.00
26.60	8.44	7.48	0.00	29.20	8.44	7.48	0.00
26.65	8.44	7.48	0.00	29.25	8.44	7.48	0.00
26.70	8.44	7.48	0.00	29.30	8.44	7.48	0.00
26.75	8.44	7.48	0.00	29.35	8.44	7.48	0.00
26.80	8.44	7.48	0.00	29.40	8.44	7.48	0.00
26.85	8.44	7.48	0.00	29.45	8.44	7.48	0.00
26.90	8.44	7.48	0.00	29.50	8.44	7.48	0.00
26.95	8.44	7.48	0.00	29.55	8.44	7.48	0.00
27.00	8.44	7.48	0.00	29.60	8.44	7.48	0.00
27.05	8.44	7.48	0.00	29.65	8.44	7.48	0.00
27.10	8.44	7.48	0.00	29.70	8.44	7.48	0.00
27.15	8.44	7.48	0.00	29.75	8.44	7.48	0.00
27.20	8.44	7.48	0.00	29.80	8.44	7.48	0.00
27.25	8.44	7.48	0.00	29.85	8.44	7.48	0.00
27.30	8.44	7.48	0.00	29.90	8.44	7.48	0.00
27.35	8.44	7.48	0.00	29.95	8.44	7.48	0.00
27.40	8.44	7.48	0.00	30.00	8.44	7.48	0.00
27.45	8.44	7.48	0.00	30.05	8.44	7.48	0.00
27.50	8.44	7.48	0.00	30.10	8.44	7.48	0.00
27.55	8.44	7.48	0.00	30.15	8.44	7.48	0.00
27.60	8.44	7.48	0.00	30.20	8.44	7.48	0.00
27.65	8.44	7.48	0.00	30.25	8.44	7.48	0.00
27.70	8.44	7.48	0.00	30.30	8.44	7.48	0.00
27.75	8.44	7.48	0.00	30.35	8.44	7.48	0.00
27.80	8.44	7.48	0.00	30.40	8.44	7.48	0.00
27.85	8.44	7.48	0.00	30.45	8.44	7.48	0.00
27.90	8.44	7.48	0.00	30.50	8.44	7.48	0.00
27.95	8.44	7.48	0.00	30.55	8.44	7.48	0.00
28.00	8.44	7.48	0.00	30.60	8.44	7.48	0.00
28.05	8.44	7.48	0.00	30.65	8.44	7.48	0.00
28.10	8.44	7.48	0.00	30.70	8.44	7.48	0.00
28.15	8.44	7.48	0.00	30.75	8.44	7.48	0.00
28.20	8.44	7.48	0.00	30.80	8.44	7.48	0.00
28.25	8.44	7.48	0.00	30.85	8.44	7.48	0.00
28.30	8.44	7.48	0.00	30.90	8.44	7.48	0.00
28.35	8.44	7.48	0.00	30.95	8.44	7.48	0.00
28.40	8.44	7.48	0.00	31.00	8.44	7.48	0.00
28.45	8.44	7.48	0.00	31.05	8.44	7.48	0.00
28.50	8.44	7.48	0.00	31.10	8.44	7.48	0.00
28.55	8.44	7.48	0.00	31.15	8.44	7.48	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	7.48	0.00	33.80	8.44	7.48	0.00
31.25	8.44	7.48	0.00	33.85	8.44	7.48	0.00
31.30	8.44	7.48	0.00	33.90	8.44	7.48	0.00
31.35	8.44	7.48	0.00	33.95	8.44	7.48	0.00
31.40	8.44	7.48	0.00	34.00	8.44	7.48	0.00
31.45	8.44	7.48	0.00	34.05	8.44	7.48	0.00
31.50	8.44	7.48	0.00	34.10	8.44	7.48	0.00
31.55	8.44	7.48	0.00	34.15	8.44	7.48	0.00
31.60	8.44	7.48	0.00	34.20	8.44	7.48	0.00
31.65	8.44	7.48	0.00	34.25	8.44	7.48	0.00
31.70	8.44	7.48	0.00	34.30	8.44	7.48	0.00
31.75	8.44	7.48	0.00	34.35	8.44	7.48	0.00
31.80	8.44	7.48	0.00	34.40	8.44	7.48	0.00
31.85	8.44	7.48	0.00	34.45	8.44	7.48	0.00
31.90	8.44	7.48	0.00	34.50	8.44	7.48	0.00
31.95	8.44	7.48	0.00	34.55	8.44	7.48	0.00
32.00	8.44	7.48	0.00	34.60	8.44	7.48	0.00
32.05	8.44	7.48	0.00	34.65	8.44	7.48	0.00
32.10	8.44	7.48	0.00	34.70	8.44	7.48	0.00
32.15	8.44	7.48	0.00	34.75	8.44	7.48	0.00
32.20	8.44	7.48	0.00	34.80	8.44	7.48	0.00
32.25	8.44	7.48	0.00	34.85	8.44	7.48	0.00
32.30	8.44	7.48	0.00	34.90	8.44	7.48	0.00
32.35	8.44	7.48	0.00	34.95	8.44	7.48	0.00
32.40	8.44	7.48	0.00	35.00	8.44	7.48	0.00
32.45	8.44	7.48	0.00	35.05	8.44	7.48	0.00
32.50	8.44	7.48	0.00	35.10	8.44	7.48	0.00
32.55	8.44	7.48	0.00	35.15	8.44	7.48	0.00
32.60	8.44	7.48	0.00	35.20	8.44	7.48	0.00
32.65	8.44	7.48	0.00	35.25	8.44	7.48	0.00
32.70	8.44	7.48	0.00	35.30	8.44	7.48	0.00
32.75	8.44	7.48	0.00	35.35	8.44	7.48	0.00
32.80	8.44	7.48	0.00	35.40	8.44	7.48	0.00
32.85	8.44	7.48	0.00	35.45	8.44	7.48	0.00
32.90	8.44	7.48	0.00	35.50	8.44	7.48	0.00
32.95	8.44	7.48	0.00	35.55	8.44	7.48	0.00
33.00	8.44	7.48	0.00	35.60	8.44	7.48	0.00
33.05	8.44	7.48	0.00	35.65	8.44	7.48	0.00
33.10	8.44	7.48	0.00	35.70	8.44	7.48	0.00
33.15	8.44	7.48	0.00	35.75	8.44	7.48	0.00
33.20	8.44	7.48	0.00	35.80	8.44	7.48	0.00
33.25	8.44	7.48	0.00	35.85	8.44	7.48	0.00
33.30	8.44	7.48	0.00	35.90	8.44	7.48	0.00
33.35	8.44	7.48	0.00	35.95	8.44	7.48	0.00
33.40	8.44	7.48	0.00	36.00	8.44	7.48	0.00
33.45	8.44	7.48	0.00	36.05	8.44	7.48	0.00
33.50	8.44	7.48	0.00	36.10	8.44	7.48	0.00
33.55	8.44	7.48	0.00	36.15	8.44	7.48	0.00
33.60	8.44	7.48	0.00	36.20	8.44	7.48	0.00
33.65	8.44	7.48	0.00	36.25	8.44	7.48	0.00
33.70	8.44	7.48	0.00	36.30	8.44	7.48	0.00
33.75	8.44	7.48	0.00	36.35	8.44	7.48	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	7.48	0.00	39.00	8.44	7.48	0.00
36.45	8.44	7.48	0.00	39.05	8.44	7.48	0.00
36.50	8.44	7.48	0.00	39.10	8.44	7.48	0.00
36.55	8.44	7.48	0.00	39.15	8.44	7.48	0.00
36.60	8.44	7.48	0.00	39.20	8.44	7.48	0.00
36.65	8.44	7.48	0.00	39.25	8.44	7.48	0.00
36.70	8.44	7.48	0.00	39.30	8.44	7.48	0.00
36.75	8.44	7.48	0.00	39.35	8.44	7.48	0.00
36.80	8.44	7.48	0.00	39.40	8.44	7.48	0.00
36.85	8.44	7.48	0.00	39.45	8.44	7.48	0.00
36.90	8.44	7.48	0.00	39.50	8.44	7.48	0.00
36.95	8.44	7.48	0.00	39.55	8.44	7.48	0.00
37.00	8.44	7.48	0.00	39.60	8.44	7.48	0.00
37.05	8.44	7.48	0.00	39.65	8.44	7.48	0.00
37.10	8.44	7.48	0.00	39.70	8.44	7.48	0.00
37.15	8.44	7.48	0.00	39.75	8.44	7.48	0.00
37.20	8.44	7.48	0.00	39.80	8.44	7.48	0.00
37.25	8.44	7.48	0.00	39.85	8.44	7.48	0.00
37.30	8.44	7.48	0.00	39.90	8.44	7.48	0.00
37.35	8.44	7.48	0.00	39.95	8.44	7.48	0.00
37.40	8.44	7.48	0.00	40.00	8.44	7.48	0.00
37.45	8.44	7.48	0.00				
37.50	8.44	7.48	0.00				
37.55	8.44	7.48	0.00				
37.60	8.44	7.48	0.00				
37.65	8.44	7.48	0.00				
37.70	8.44	7.48	0.00				
37.75	8.44	7.48	0.00				
37.80	8.44	7.48	0.00				
37.85	8.44	7.48	0.00				
37.90	8.44	7.48	0.00				
37.95	8.44	7.48	0.00				
38.00	8.44	7.48	0.00				
38.05	8.44	7.48	0.00				
38.10	8.44	7.48	0.00				
38.15	8.44	7.48	0.00				
38.20	8.44	7.48	0.00				
38.25	8.44	7.48	0.00				
38.30	8.44	7.48	0.00				
38.35	8.44	7.48	0.00				
38.40	8.44	7.48	0.00				
38.45	8.44	7.48	0.00				
38.50	8.44	7.48	0.00				
38.55	8.44	7.48	0.00				
38.60	8.44	7.48	0.00				
38.65	8.44	7.48	0.00				
38.70	8.44	7.48	0.00				
38.75	8.44	7.48	0.00				
38.80	8.44	7.48	0.00				
38.85	8.44	7.48	0.00				
38.90	8.44	7.48	0.00				
38.95	8.44	7.48	0.00				

Summary for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Runoff = 129.27 cfs @ 12.16 hrs, Volume= 9.313 af, Depth= 4.49"

Routed to Link PDA-1OF : PDA-1 (offsite)

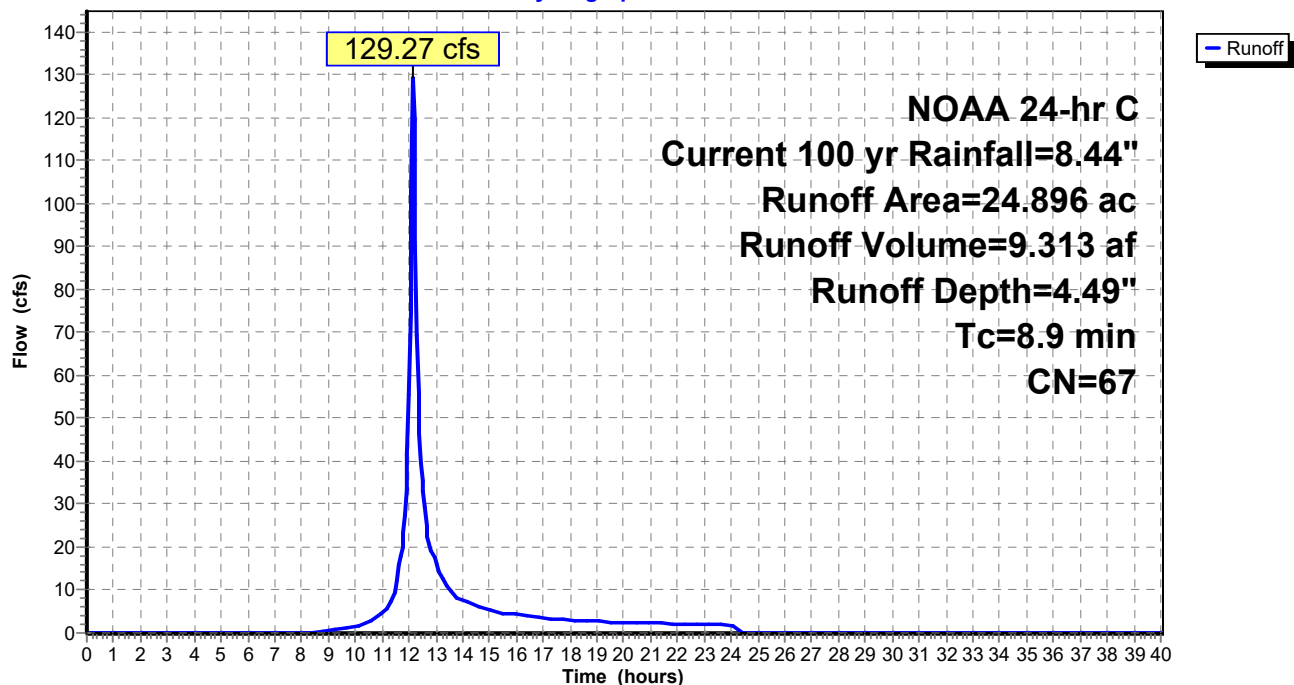
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
12.562	74	>75% Grass cover, Good, HSG C
8.540	55	Woods, Good, HSG B
3.700	70	Woods, Good, HSG C
0.094	77	Woods, Good, HSG D
24.896	67	Weighted Average
24.896		100.00% Pervious Area

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

Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.00	0.00
5.25	0.57	0.00	0.00	7.85	0.98	0.00	0.00
5.30	0.58	0.00	0.00	7.90	0.99	0.00	0.00
5.35	0.58	0.00	0.00	7.95	1.00	0.00	0.00
5.40	0.59	0.00	0.00	8.00	1.01	0.00	0.01
5.45	0.60	0.00	0.00	8.05	1.02	0.00	0.02
5.50	0.60	0.00	0.00	8.10	1.03	0.00	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.00	0.06
5.60	0.62	0.00	0.00	8.20	1.05	0.00	0.08
5.65	0.62	0.00	0.00	8.25	1.06	0.00	0.10
5.70	0.63	0.00	0.00	8.30	1.07	0.00	0.13
5.75	0.64	0.00	0.00	8.35	1.08	0.00	0.15
5.80	0.64	0.00	0.00	8.40	1.10	0.00	0.17
5.85	0.65	0.00	0.00	8.45	1.11	0.00	0.20
5.90	0.66	0.00	0.00	8.50	1.12	0.00	0.22
5.95	0.66	0.00	0.00	8.55	1.13	0.00	0.24
6.00	0.67	0.00	0.00	8.60	1.14	0.00	0.27
6.05	0.68	0.00	0.00	8.65	1.15	0.01	0.29
6.10	0.68	0.00	0.00	8.70	1.16	0.01	0.32
6.15	0.69	0.00	0.00	8.75	1.17	0.01	0.35
6.20	0.70	0.00	0.00	8.80	1.19	0.01	0.37
6.25	0.70	0.00	0.00	8.85	1.20	0.01	0.40
6.30	0.71	0.00	0.00	8.90	1.21	0.01	0.43
6.35	0.72	0.00	0.00	8.95	1.22	0.01	0.45
6.40	0.73	0.00	0.00	9.00	1.23	0.01	0.48
6.45	0.73	0.00	0.00	9.05	1.25	0.01	0.51
6.50	0.74	0.00	0.00	9.10	1.26	0.01	0.55
6.55	0.75	0.00	0.00	9.15	1.27	0.02	0.58
6.60	0.76	0.00	0.00	9.20	1.28	0.02	0.62
6.65	0.77	0.00	0.00	9.25	1.30	0.02	0.67
6.70	0.77	0.00	0.00	9.30	1.31	0.02	0.71
6.75	0.78	0.00	0.00	9.35	1.33	0.02	0.76
6.80	0.79	0.00	0.00	9.40	1.34	0.02	0.81
6.85	0.80	0.00	0.00	9.45	1.35	0.03	0.86
6.90	0.81	0.00	0.00	9.50	1.37	0.03	0.92
6.95	0.81	0.00	0.00	9.55	1.39	0.03	0.97
7.00	0.82	0.00	0.00	9.60	1.40	0.03	1.03
7.05	0.83	0.00	0.00	9.65	1.42	0.03	1.09
7.10	0.84	0.00	0.00	9.70	1.43	0.04	1.15
7.15	0.85	0.00	0.00	9.75	1.45	0.04	1.22
7.20	0.86	0.00	0.00	9.80	1.47	0.04	1.28
7.25	0.87	0.00	0.00	9.85	1.49	0.05	1.35
7.30	0.88	0.00	0.00	9.90	1.50	0.05	1.42
7.35	0.89	0.00	0.00	9.95	1.52	0.05	1.49
7.40	0.89	0.00	0.00	10.00	1.54	0.06	1.57
7.45	0.90	0.00	0.00	10.05	1.56	0.06	1.64
7.50	0.91	0.00	0.00	10.10	1.58	0.06	1.72
7.55	0.92	0.00	0.00	10.15	1.60	0.07	1.80
7.60	0.93	0.00	0.00	10.20	1.62	0.07	1.89
7.65	0.94	0.00	0.00	10.25	1.64	0.08	1.97
7.70	0.95	0.00	0.00	10.30	1.66	0.08	2.06
7.75	0.96	0.00	0.00	10.35	1.68	0.09	2.15

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.09	2.24	13.00	6.41	2.85	16.19
10.45	1.72	0.09	2.33	13.05	6.45	2.87	15.36
10.50	1.74	0.10	2.42	13.10	6.48	2.90	14.50
10.55	1.76	0.11	2.53	13.15	6.51	2.92	13.71
10.60	1.79	0.11	2.69	13.20	6.54	2.95	13.06
10.65	1.81	0.12	2.89	13.25	6.57	2.97	12.52
10.70	1.84	0.13	3.11	13.30	6.60	2.99	12.03
10.75	1.87	0.13	3.34	13.35	6.63	3.01	11.56
10.80	1.90	0.14	3.58	13.40	6.65	3.03	11.09
10.85	1.93	0.15	3.84	13.45	6.68	3.05	10.63
10.90	1.96	0.16	4.11	13.50	6.70	3.07	10.17
10.95	1.99	0.17	4.39	13.55	6.72	3.09	9.71
11.00	2.03	0.18	4.69	13.60	6.74	3.10	9.24
11.05	2.06	0.19	5.01	13.65	6.76	3.12	8.82
11.10	2.10	0.21	5.42	13.70	6.78	3.14	8.53
11.15	2.14	0.22	5.88	13.75	6.80	3.15	8.33
11.20	2.19	0.24	6.41	13.80	6.82	3.17	8.18
11.25	2.23	0.25	6.95	13.85	6.84	3.18	8.05
11.30	2.28	0.27	7.53	13.90	6.86	3.20	7.93
11.35	2.33	0.29	8.14	13.95	6.88	3.21	7.81
11.40	2.38	0.31	8.78	14.00	6.90	3.23	7.69
11.45	2.44	0.33	9.43	14.05	6.92	3.24	7.57
11.50	2.49	0.35	10.07	14.10	6.94	3.26	7.45
11.55	2.58	0.39	10.99	14.15	6.95	3.27	7.33
11.60	2.66	0.43	13.14	14.20	6.97	3.29	7.21
11.65	2.75	0.47	15.84	14.25	6.99	3.30	7.10
11.70	2.84	0.51	17.95	14.30	7.01	3.31	6.97
11.75	2.97	0.57	19.86	14.35	7.02	3.32	6.85
11.80	3.09	0.63	23.08	14.40	7.04	3.34	6.72
11.85	3.26	0.72	27.46	14.45	7.05	3.35	6.60
11.90	3.43	0.81	33.46	14.50	7.07	3.36	6.48
11.95	3.73	0.98	41.56	14.55	7.09	3.37	6.37
12.00	4.02	1.16	55.51	14.60	7.10	3.39	6.24
12.05	4.52	1.47	74.76	14.65	7.11	3.40	6.12
12.10	5.01	1.81	102.97	14.70	7.13	3.41	5.99
12.15	5.18	1.93	128.29	14.75	7.14	3.42	5.87
12.20	5.35	2.05	119.38	14.80	7.16	3.43	5.75
12.25	5.47	2.14	90.95	14.85	7.17	3.44	5.63
12.30	5.60	2.23	69.38	14.90	7.18	3.45	5.50
12.35	5.69	2.30	55.88	14.95	7.19	3.46	5.38
12.40	5.78	2.36	46.34	15.00	7.21	3.47	5.25
12.45	5.86	2.43	39.48	15.05	7.22	3.48	5.12
12.50	5.95	2.49	35.56	15.10	7.23	3.49	5.00
12.55	6.00	2.53	33.03	15.15	7.24	3.50	4.89
12.60	6.06	2.57	29.16	15.20	7.25	3.51	4.81
12.65	6.11	2.61	24.93	15.25	7.27	3.52	4.76
12.70	6.16	2.65	22.27	15.30	7.28	3.53	4.71
12.75	6.21	2.69	20.78	15.35	7.29	3.54	4.68
12.80	6.25	2.72	19.68	15.40	7.30	3.55	4.65
12.85	6.30	2.76	18.76	15.45	7.31	3.56	4.62
12.90	6.34	2.79	17.87	15.50	7.32	3.57	4.59
12.95	6.38	2.82	17.04	15.55	7.33	3.57	4.55

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	3.58	4.52	18.20	7.80	3.95	2.82
15.65	7.36	3.59	4.49	18.25	7.80	3.96	2.80
15.70	7.37	3.60	4.46	18.30	7.81	3.97	2.79
15.75	7.38	3.61	4.42	18.35	7.82	3.97	2.78
15.80	7.39	3.62	4.39	18.40	7.82	3.98	2.77
15.85	7.40	3.63	4.35	18.45	7.83	3.98	2.77
15.90	7.41	3.64	4.32	18.50	7.84	3.99	2.76
15.95	7.42	3.64	4.30	18.55	7.84	3.99	2.75
16.00	7.43	3.65	4.26	18.60	7.85	4.00	2.74
16.05	7.44	3.66	4.23	18.65	7.86	4.00	2.73
16.10	7.45	3.67	4.20	18.70	7.86	4.01	2.73
16.15	7.46	3.68	4.17	18.75	7.87	4.01	2.72
16.20	7.47	3.68	4.14	18.80	7.88	4.02	2.71
16.25	7.48	3.69	4.11	18.85	7.88	4.03	2.70
16.30	7.49	3.70	4.07	18.90	7.89	4.03	2.69
16.35	7.50	3.71	4.03	18.95	7.90	4.04	2.69
16.40	7.51	3.72	4.00	19.00	7.90	4.04	2.68
16.45	7.52	3.72	3.97	19.05	7.91	4.05	2.67
16.50	7.53	3.73	3.94	19.10	7.92	4.05	2.66
16.55	7.54	3.74	3.90	19.15	7.92	4.06	2.65
16.60	7.55	3.75	3.87	19.20	7.93	4.06	2.64
16.65	7.55	3.75	3.84	19.25	7.93	4.07	2.64
16.70	7.56	3.76	3.81	19.30	7.94	4.07	2.63
16.75	7.57	3.77	3.78	19.35	7.95	4.08	2.62
16.80	7.58	3.78	3.74	19.40	7.95	4.08	2.61
16.85	7.59	3.78	3.70	19.45	7.96	4.09	2.60
16.90	7.60	3.79	3.67	19.50	7.97	4.09	2.60
16.95	7.61	3.80	3.64	19.55	7.97	4.10	2.59
17.00	7.62	3.81	3.61	19.60	7.98	4.10	2.58
17.05	7.63	3.81	3.58	19.65	7.98	4.11	2.57
17.10	7.63	3.82	3.54	19.70	7.99	4.11	2.56
17.15	7.64	3.83	3.51	19.75	8.00	4.12	2.56
17.20	7.65	3.83	3.48	19.80	8.00	4.12	2.55
17.25	7.66	3.84	3.44	19.85	8.01	4.13	2.55
17.30	7.67	3.85	3.41	19.90	8.01	4.13	2.54
17.35	7.67	3.85	3.37	19.95	8.02	4.14	2.53
17.40	7.68	3.86	3.33	20.00	8.03	4.14	2.52
17.45	7.69	3.87	3.31	20.05	8.03	4.15	2.51
17.50	7.70	3.87	3.27	20.10	8.04	4.15	2.50
17.55	7.71	3.88	3.24	20.15	8.04	4.16	2.49
17.60	7.71	3.88	3.21	20.20	8.05	4.16	2.48
17.65	7.72	3.89	3.17	20.25	8.06	4.17	2.47
17.70	7.73	3.90	3.14	20.30	8.06	4.17	2.46
17.75	7.74	3.90	3.11	20.35	8.07	4.18	2.45
17.80	7.74	3.91	3.07	20.40	8.07	4.18	2.45
17.85	7.75	3.91	3.04	20.45	8.08	4.19	2.44
17.90	7.76	3.92	3.00	20.50	8.09	4.19	2.43
17.95	7.76	3.93	2.97	20.55	8.09	4.20	2.42
18.00	7.77	3.93	2.94	20.60	8.10	4.20	2.42
18.05	7.78	3.94	2.90	20.65	8.10	4.21	2.42
18.10	7.78	3.94	2.87	20.70	8.11	4.21	2.41
18.15	7.79	3.95	2.84	20.75	8.11	4.22	2.39

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	4.22	2.38	23.40	8.38	4.44	1.94
20.85	8.13	4.23	2.37	23.45	8.39	4.45	1.94
20.90	8.13	4.23	2.36	23.50	8.39	4.45	1.93
20.95	8.14	4.23	2.35	23.55	8.40	4.45	1.92
21.00	8.14	4.24	2.35	23.60	8.40	4.46	1.91
21.05	8.15	4.24	2.34	23.65	8.41	4.46	1.90
21.10	8.15	4.25	2.33	23.70	8.41	4.47	1.89
21.15	8.16	4.25	2.32	23.75	8.42	4.47	1.89
21.20	8.16	4.26	2.31	23.80	8.42	4.47	1.88
21.25	8.17	4.26	2.31	23.85	8.42	4.48	1.86
21.30	8.18	4.27	2.30	23.90	8.43	4.48	1.85
21.35	8.18	4.27	2.30	23.95	8.43	4.48	1.87
21.40	8.19	4.28	2.29	24.00	8.44	4.49	1.98
21.45	8.19	4.28	2.28	24.05	8.44	4.49	2.01
21.50	8.20	4.29	2.26	24.10	8.44	4.49	1.50
21.55	8.20	4.29	2.25	24.15	8.44	4.49	0.77
21.60	8.21	4.29	2.25	24.20	8.44	4.49	0.34
21.65	8.21	4.30	2.24	24.25	8.44	4.49	0.15
21.70	8.22	4.30	2.23	24.30	8.44	4.49	0.06
21.75	8.22	4.31	2.22	24.35	8.44	4.49	0.03
21.80	8.23	4.31	2.22	24.40	8.44	4.49	0.01
21.85	8.23	4.32	2.21	24.45	8.44	4.49	0.00
21.90	8.24	4.32	2.20	24.50	8.44	4.49	0.00
21.95	8.24	4.32	2.19	24.55	8.44	4.49	0.00
22.00	8.25	4.33	2.18	24.60	8.44	4.49	0.00
22.05	8.25	4.33	2.17	24.65	8.44	4.49	0.00
22.10	8.26	4.34	2.16	24.70	8.44	4.49	0.00
22.15	8.26	4.34	2.15	24.75	8.44	4.49	0.00
22.20	8.27	4.35	2.15	24.80	8.44	4.49	0.00
22.25	8.27	4.35	2.15	24.85	8.44	4.49	0.00
22.30	8.28	4.35	2.14	24.90	8.44	4.49	0.00
22.35	8.28	4.36	2.12	24.95	8.44	4.49	0.00
22.40	8.29	4.36	2.11	25.00	8.44	4.49	0.00
22.45	8.29	4.37	2.10	25.05	8.44	4.49	0.00
22.50	8.30	4.37	2.09	25.10	8.44	4.49	0.00
22.55	8.30	4.38	2.08	25.15	8.44	4.49	0.00
22.60	8.31	4.38	2.08	25.20	8.44	4.49	0.00
22.65	8.31	4.38	2.08	25.25	8.44	4.49	0.00
22.70	8.32	4.39	2.07	25.30	8.44	4.49	0.00
22.75	8.32	4.39	2.05	25.35	8.44	4.49	0.00
22.80	8.33	4.40	2.04	25.40	8.44	4.49	0.00
22.85	8.33	4.40	2.03	25.45	8.44	4.49	0.00
22.90	8.34	4.40	2.02	25.50	8.44	4.49	0.00
22.95	8.34	4.41	2.02	25.55	8.44	4.49	0.00
23.00	8.35	4.41	2.01	25.60	8.44	4.49	0.00
23.05	8.35	4.42	2.01	25.65	8.44	4.49	0.00
23.10	8.36	4.42	2.00	25.70	8.44	4.49	0.00
23.15	8.36	4.42	1.99	25.75	8.44	4.49	0.00
23.20	8.37	4.43	1.97	25.80	8.44	4.49	0.00
23.25	8.37	4.43	1.96	25.85	8.44	4.49	0.00
23.30	8.38	4.43	1.96	25.90	8.44	4.49	0.00
23.35	8.38	4.44	1.95	25.95	8.44	4.49	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	4.49	0.00	28.60	8.44	4.49	0.00
26.05	8.44	4.49	0.00	28.65	8.44	4.49	0.00
26.10	8.44	4.49	0.00	28.70	8.44	4.49	0.00
26.15	8.44	4.49	0.00	28.75	8.44	4.49	0.00
26.20	8.44	4.49	0.00	28.80	8.44	4.49	0.00
26.25	8.44	4.49	0.00	28.85	8.44	4.49	0.00
26.30	8.44	4.49	0.00	28.90	8.44	4.49	0.00
26.35	8.44	4.49	0.00	28.95	8.44	4.49	0.00
26.40	8.44	4.49	0.00	29.00	8.44	4.49	0.00
26.45	8.44	4.49	0.00	29.05	8.44	4.49	0.00
26.50	8.44	4.49	0.00	29.10	8.44	4.49	0.00
26.55	8.44	4.49	0.00	29.15	8.44	4.49	0.00
26.60	8.44	4.49	0.00	29.20	8.44	4.49	0.00
26.65	8.44	4.49	0.00	29.25	8.44	4.49	0.00
26.70	8.44	4.49	0.00	29.30	8.44	4.49	0.00
26.75	8.44	4.49	0.00	29.35	8.44	4.49	0.00
26.80	8.44	4.49	0.00	29.40	8.44	4.49	0.00
26.85	8.44	4.49	0.00	29.45	8.44	4.49	0.00
26.90	8.44	4.49	0.00	29.50	8.44	4.49	0.00
26.95	8.44	4.49	0.00	29.55	8.44	4.49	0.00
27.00	8.44	4.49	0.00	29.60	8.44	4.49	0.00
27.05	8.44	4.49	0.00	29.65	8.44	4.49	0.00
27.10	8.44	4.49	0.00	29.70	8.44	4.49	0.00
27.15	8.44	4.49	0.00	29.75	8.44	4.49	0.00
27.20	8.44	4.49	0.00	29.80	8.44	4.49	0.00
27.25	8.44	4.49	0.00	29.85	8.44	4.49	0.00
27.30	8.44	4.49	0.00	29.90	8.44	4.49	0.00
27.35	8.44	4.49	0.00	29.95	8.44	4.49	0.00
27.40	8.44	4.49	0.00	30.00	8.44	4.49	0.00
27.45	8.44	4.49	0.00	30.05	8.44	4.49	0.00
27.50	8.44	4.49	0.00	30.10	8.44	4.49	0.00
27.55	8.44	4.49	0.00	30.15	8.44	4.49	0.00
27.60	8.44	4.49	0.00	30.20	8.44	4.49	0.00
27.65	8.44	4.49	0.00	30.25	8.44	4.49	0.00
27.70	8.44	4.49	0.00	30.30	8.44	4.49	0.00
27.75	8.44	4.49	0.00	30.35	8.44	4.49	0.00
27.80	8.44	4.49	0.00	30.40	8.44	4.49	0.00
27.85	8.44	4.49	0.00	30.45	8.44	4.49	0.00
27.90	8.44	4.49	0.00	30.50	8.44	4.49	0.00
27.95	8.44	4.49	0.00	30.55	8.44	4.49	0.00
28.00	8.44	4.49	0.00	30.60	8.44	4.49	0.00
28.05	8.44	4.49	0.00	30.65	8.44	4.49	0.00
28.10	8.44	4.49	0.00	30.70	8.44	4.49	0.00
28.15	8.44	4.49	0.00	30.75	8.44	4.49	0.00
28.20	8.44	4.49	0.00	30.80	8.44	4.49	0.00
28.25	8.44	4.49	0.00	30.85	8.44	4.49	0.00
28.30	8.44	4.49	0.00	30.90	8.44	4.49	0.00
28.35	8.44	4.49	0.00	30.95	8.44	4.49	0.00
28.40	8.44	4.49	0.00	31.00	8.44	4.49	0.00
28.45	8.44	4.49	0.00	31.05	8.44	4.49	0.00
28.50	8.44	4.49	0.00	31.10	8.44	4.49	0.00
28.55	8.44	4.49	0.00	31.15	8.44	4.49	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	4.49	0.00	33.80	8.44	4.49	0.00
31.25	8.44	4.49	0.00	33.85	8.44	4.49	0.00
31.30	8.44	4.49	0.00	33.90	8.44	4.49	0.00
31.35	8.44	4.49	0.00	33.95	8.44	4.49	0.00
31.40	8.44	4.49	0.00	34.00	8.44	4.49	0.00
31.45	8.44	4.49	0.00	34.05	8.44	4.49	0.00
31.50	8.44	4.49	0.00	34.10	8.44	4.49	0.00
31.55	8.44	4.49	0.00	34.15	8.44	4.49	0.00
31.60	8.44	4.49	0.00	34.20	8.44	4.49	0.00
31.65	8.44	4.49	0.00	34.25	8.44	4.49	0.00
31.70	8.44	4.49	0.00	34.30	8.44	4.49	0.00
31.75	8.44	4.49	0.00	34.35	8.44	4.49	0.00
31.80	8.44	4.49	0.00	34.40	8.44	4.49	0.00
31.85	8.44	4.49	0.00	34.45	8.44	4.49	0.00
31.90	8.44	4.49	0.00	34.50	8.44	4.49	0.00
31.95	8.44	4.49	0.00	34.55	8.44	4.49	0.00
32.00	8.44	4.49	0.00	34.60	8.44	4.49	0.00
32.05	8.44	4.49	0.00	34.65	8.44	4.49	0.00
32.10	8.44	4.49	0.00	34.70	8.44	4.49	0.00
32.15	8.44	4.49	0.00	34.75	8.44	4.49	0.00
32.20	8.44	4.49	0.00	34.80	8.44	4.49	0.00
32.25	8.44	4.49	0.00	34.85	8.44	4.49	0.00
32.30	8.44	4.49	0.00	34.90	8.44	4.49	0.00
32.35	8.44	4.49	0.00	34.95	8.44	4.49	0.00
32.40	8.44	4.49	0.00	35.00	8.44	4.49	0.00
32.45	8.44	4.49	0.00	35.05	8.44	4.49	0.00
32.50	8.44	4.49	0.00	35.10	8.44	4.49	0.00
32.55	8.44	4.49	0.00	35.15	8.44	4.49	0.00
32.60	8.44	4.49	0.00	35.20	8.44	4.49	0.00
32.65	8.44	4.49	0.00	35.25	8.44	4.49	0.00
32.70	8.44	4.49	0.00	35.30	8.44	4.49	0.00
32.75	8.44	4.49	0.00	35.35	8.44	4.49	0.00
32.80	8.44	4.49	0.00	35.40	8.44	4.49	0.00
32.85	8.44	4.49	0.00	35.45	8.44	4.49	0.00
32.90	8.44	4.49	0.00	35.50	8.44	4.49	0.00
32.95	8.44	4.49	0.00	35.55	8.44	4.49	0.00
33.00	8.44	4.49	0.00	35.60	8.44	4.49	0.00
33.05	8.44	4.49	0.00	35.65	8.44	4.49	0.00
33.10	8.44	4.49	0.00	35.70	8.44	4.49	0.00
33.15	8.44	4.49	0.00	35.75	8.44	4.49	0.00
33.20	8.44	4.49	0.00	35.80	8.44	4.49	0.00
33.25	8.44	4.49	0.00	35.85	8.44	4.49	0.00
33.30	8.44	4.49	0.00	35.90	8.44	4.49	0.00
33.35	8.44	4.49	0.00	35.95	8.44	4.49	0.00
33.40	8.44	4.49	0.00	36.00	8.44	4.49	0.00
33.45	8.44	4.49	0.00	36.05	8.44	4.49	0.00
33.50	8.44	4.49	0.00	36.10	8.44	4.49	0.00
33.55	8.44	4.49	0.00	36.15	8.44	4.49	0.00
33.60	8.44	4.49	0.00	36.20	8.44	4.49	0.00
33.65	8.44	4.49	0.00	36.25	8.44	4.49	0.00
33.70	8.44	4.49	0.00	36.30	8.44	4.49	0.00
33.75	8.44	4.49	0.00	36.35	8.44	4.49	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	4.49	0.00	39.00	8.44	4.49	0.00
36.45	8.44	4.49	0.00	39.05	8.44	4.49	0.00
36.50	8.44	4.49	0.00	39.10	8.44	4.49	0.00
36.55	8.44	4.49	0.00	39.15	8.44	4.49	0.00
36.60	8.44	4.49	0.00	39.20	8.44	4.49	0.00
36.65	8.44	4.49	0.00	39.25	8.44	4.49	0.00
36.70	8.44	4.49	0.00	39.30	8.44	4.49	0.00
36.75	8.44	4.49	0.00	39.35	8.44	4.49	0.00
36.80	8.44	4.49	0.00	39.40	8.44	4.49	0.00
36.85	8.44	4.49	0.00	39.45	8.44	4.49	0.00
36.90	8.44	4.49	0.00	39.50	8.44	4.49	0.00
36.95	8.44	4.49	0.00	39.55	8.44	4.49	0.00
37.00	8.44	4.49	0.00	39.60	8.44	4.49	0.00
37.05	8.44	4.49	0.00	39.65	8.44	4.49	0.00
37.10	8.44	4.49	0.00	39.70	8.44	4.49	0.00
37.15	8.44	4.49	0.00	39.75	8.44	4.49	0.00
37.20	8.44	4.49	0.00	39.80	8.44	4.49	0.00
37.25	8.44	4.49	0.00	39.85	8.44	4.49	0.00
37.30	8.44	4.49	0.00	39.90	8.44	4.49	0.00
37.35	8.44	4.49	0.00	39.95	8.44	4.49	0.00
37.40	8.44	4.49	0.00	40.00	8.44	4.49	0.00
37.45	8.44	4.49	0.00				
37.50	8.44	4.49	0.00				
37.55	8.44	4.49	0.00				
37.60	8.44	4.49	0.00				
37.65	8.44	4.49	0.00				
37.70	8.44	4.49	0.00				
37.75	8.44	4.49	0.00				
37.80	8.44	4.49	0.00				
37.85	8.44	4.49	0.00				
37.90	8.44	4.49	0.00				
37.95	8.44	4.49	0.00				
38.00	8.44	4.49	0.00				
38.05	8.44	4.49	0.00				
38.10	8.44	4.49	0.00				
38.15	8.44	4.49	0.00				
38.20	8.44	4.49	0.00				
38.25	8.44	4.49	0.00				
38.30	8.44	4.49	0.00				
38.35	8.44	4.49	0.00				
38.40	8.44	4.49	0.00				
38.45	8.44	4.49	0.00				
38.50	8.44	4.49	0.00				
38.55	8.44	4.49	0.00				
38.60	8.44	4.49	0.00				
38.65	8.44	4.49	0.00				
38.70	8.44	4.49	0.00				
38.75	8.44	4.49	0.00				
38.80	8.44	4.49	0.00				
38.85	8.44	4.49	0.00				
38.90	8.44	4.49	0.00				
38.95	8.44	4.49	0.00				

Summary for Subcatchment UPDA-1: PDA-1 (undetained)

Runoff = 100.17 cfs @ 12.36 hrs, Volume= 11.028 af, Depth= 5.32"
Routed to Link PDA-1ON : PDA-1 (onsite)

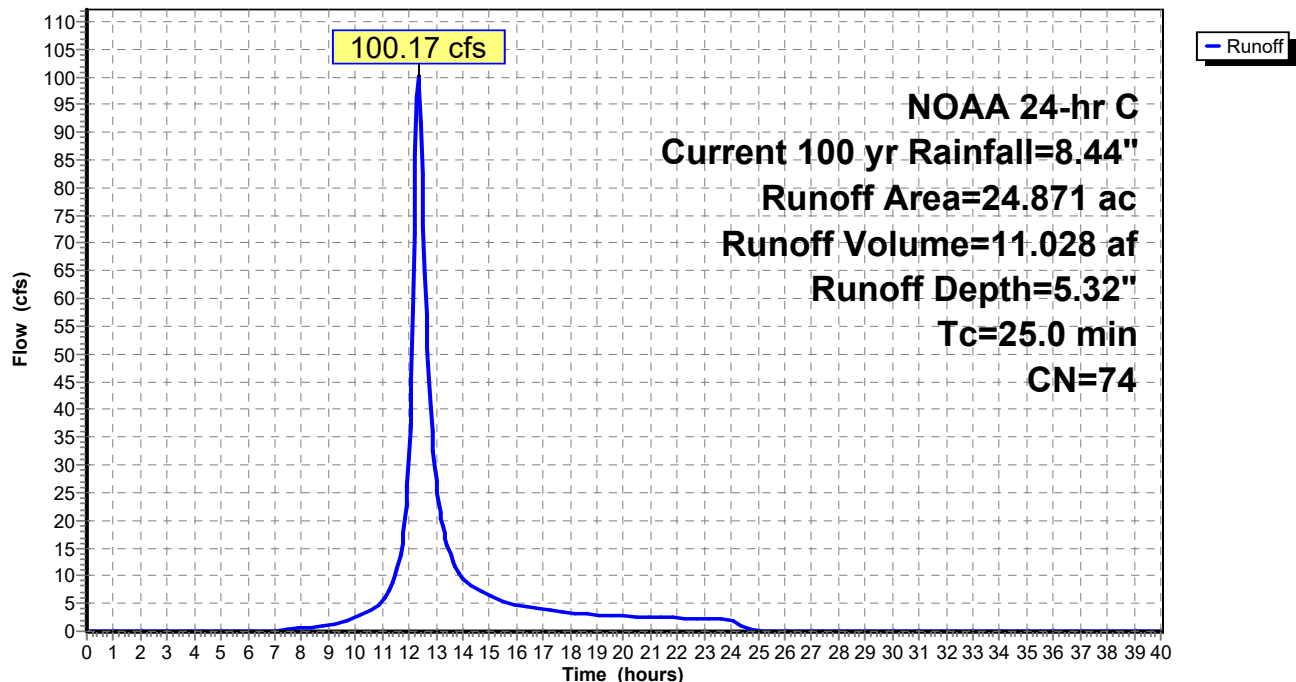
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
24.871	74	>75% Grass cover, Good, HSG C
24.871		100.00% Pervious Area

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

Subcatchment UPDA-1: PDA-1 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.48
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.50
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.53
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.55
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.58
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.61
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.63
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.66
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.69
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.72
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.75
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.78
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.81
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.84
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.87
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.90
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.93
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.96
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.99
6.15	0.69	0.00	0.00	8.75	1.17	0.06	1.02
6.20	0.70	0.00	0.00	8.80	1.19	0.06	1.06
6.25	0.70	0.00	0.00	8.85	1.20	0.06	1.09
6.30	0.71	0.00	0.00	8.90	1.21	0.06	1.12
6.35	0.72	0.00	0.00	8.95	1.22	0.07	1.16
6.40	0.73	0.00	0.00	9.00	1.23	0.07	1.19
6.45	0.73	0.00	0.00	9.05	1.25	0.07	1.23
6.50	0.74	0.00	0.01	9.10	1.26	0.08	1.26
6.55	0.75	0.00	0.01	9.15	1.27	0.08	1.30
6.60	0.76	0.00	0.02	9.20	1.28	0.08	1.34
6.65	0.77	0.00	0.03	9.25	1.30	0.09	1.38
6.70	0.77	0.00	0.04	9.30	1.31	0.09	1.43
6.75	0.78	0.00	0.05	9.35	1.33	0.09	1.49
6.80	0.79	0.00	0.07	9.40	1.34	0.10	1.55
6.85	0.80	0.00	0.08	9.45	1.35	0.10	1.61
6.90	0.81	0.00	0.10	9.50	1.37	0.11	1.67
6.95	0.81	0.00	0.11	9.55	1.39	0.11	1.74
7.00	0.82	0.00	0.13	9.60	1.40	0.12	1.81
7.05	0.83	0.00	0.15	9.65	1.42	0.12	1.89
7.10	0.84	0.01	0.17	9.70	1.43	0.13	1.96
7.15	0.85	0.01	0.19	9.75	1.45	0.13	2.04
7.20	0.86	0.01	0.21	9.80	1.47	0.14	2.13
7.25	0.87	0.01	0.23	9.85	1.49	0.14	2.21
7.30	0.88	0.01	0.25	9.90	1.50	0.15	2.29
7.35	0.89	0.01	0.27	9.95	1.52	0.15	2.38
7.40	0.89	0.01	0.29	10.00	1.54	0.16	2.47
7.45	0.90	0.01	0.31	10.05	1.56	0.17	2.56
7.50	0.91	0.01	0.33	10.10	1.58	0.17	2.66
7.55	0.92	0.01	0.36	10.15	1.60	0.18	2.75
7.60	0.93	0.01	0.38	10.20	1.62	0.19	2.85
7.65	0.94	0.02	0.40	10.25	1.64	0.20	2.95
7.70	0.95	0.02	0.43	10.30	1.66	0.20	3.05
7.75	0.96	0.02	0.45	10.35	1.68	0.21	3.16

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	3.26	13.00	6.41	3.54	27.03
10.45	1.72	0.23	3.37	13.05	6.45	3.57	24.98
10.50	1.74	0.24	3.48	13.10	6.48	3.59	23.21
10.55	1.76	0.25	3.59	13.15	6.51	3.62	21.64
10.60	1.79	0.26	3.71	13.20	6.54	3.65	20.24
10.65	1.81	0.27	3.84	13.25	6.57	3.67	18.96
10.70	1.84	0.28	3.99	13.30	6.60	3.70	17.82
10.75	1.87	0.29	4.17	13.35	6.63	3.72	16.78
10.80	1.90	0.30	4.37	13.40	6.65	3.74	15.84
10.85	1.93	0.32	4.61	13.45	6.68	3.76	15.00
10.90	1.96	0.33	4.87	13.50	6.70	3.78	14.26
10.95	1.99	0.35	5.15	13.55	6.72	3.80	13.60
11.00	2.03	0.36	5.45	13.60	6.74	3.82	12.98
11.05	2.06	0.38	5.77	13.65	6.76	3.84	12.39
11.10	2.10	0.40	6.11	13.70	6.78	3.85	11.84
11.15	2.14	0.42	6.48	13.75	6.80	3.87	11.31
11.20	2.19	0.44	6.89	13.80	6.82	3.89	10.82
11.25	2.23	0.46	7.35	13.85	6.84	3.91	10.40
11.30	2.28	0.49	7.85	13.90	6.86	3.92	10.03
11.35	2.33	0.52	8.41	13.95	6.88	3.94	9.72
11.40	2.38	0.54	9.02	14.00	6.90	3.96	9.45
11.45	2.44	0.57	9.66	14.05	6.92	3.97	9.22
11.50	2.49	0.60	10.34	14.10	6.94	3.99	9.02
11.55	2.58	0.65	11.05	14.15	6.95	4.00	8.83
11.60	2.66	0.70	11.85	14.20	6.97	4.02	8.66
11.65	2.75	0.76	12.85	14.25	6.99	4.03	8.50
11.70	2.84	0.81	14.15	14.30	7.01	4.05	8.34
11.75	2.97	0.89	15.83	14.35	7.02	4.06	8.19
11.80	3.09	0.97	17.80	14.40	7.04	4.08	8.04
11.85	3.26	1.08	20.10	14.45	7.05	4.09	7.90
11.90	3.43	1.19	22.87	14.50	7.07	4.10	7.76
11.95	3.73	1.40	26.30	14.55	7.09	4.12	7.62
12.00	4.02	1.61	30.83	14.60	7.10	4.13	7.49
12.05	4.52	1.98	36.93	14.65	7.11	4.14	7.35
12.10	5.01	2.37	45.66	14.70	7.13	4.15	7.22
12.15	5.18	2.51	57.58	14.75	7.14	4.17	7.08
12.20	5.35	2.65	71.83	14.80	7.16	4.18	6.94
12.25	5.47	2.75	85.98	14.85	7.17	4.19	6.81
12.30	5.60	2.85	96.25	14.90	7.18	4.20	6.67
12.35	5.69	2.92	100.11	14.95	7.19	4.21	6.53
12.40	5.78	3.00	97.91	15.00	7.21	4.22	6.40
12.45	5.86	3.07	91.52	15.05	7.22	4.23	6.26
12.50	5.95	3.14	82.55	15.10	7.23	4.24	6.13
12.55	6.00	3.19	72.99	15.15	7.24	4.25	5.99
12.60	6.06	3.23	64.47	15.20	7.25	4.26	5.86
12.65	6.11	3.28	57.35	15.25	7.27	4.27	5.73
12.70	6.16	3.32	51.06	15.30	7.28	4.28	5.61
12.75	6.21	3.36	45.41	15.35	7.29	4.29	5.50
12.80	6.25	3.40	40.45	15.40	7.30	4.30	5.40
12.85	6.30	3.44	36.18	15.45	7.31	4.31	5.32
12.90	6.34	3.47	32.55	15.50	7.32	4.32	5.25
12.95	6.38	3.50	29.51	15.55	7.33	4.33	5.19

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	5.14	18.20	7.80	4.75	3.21
15.65	7.36	4.35	5.09	18.25	7.80	4.75	3.17
15.70	7.37	4.36	5.05	18.30	7.81	4.76	3.14
15.75	7.38	4.37	5.01	18.35	7.82	4.76	3.11
15.80	7.39	4.38	4.96	18.40	7.82	4.77	3.09
15.85	7.40	4.39	4.92	18.45	7.83	4.78	3.07
15.90	7.41	4.40	4.88	18.50	7.84	4.78	3.05
15.95	7.42	4.41	4.84	18.55	7.84	4.79	3.03
16.00	7.43	4.42	4.81	18.60	7.85	4.79	3.02
16.05	7.44	4.43	4.77	18.65	7.86	4.80	3.01
16.10	7.45	4.44	4.73	18.70	7.86	4.80	2.99
16.15	7.46	4.44	4.70	18.75	7.87	4.81	2.98
16.20	7.47	4.45	4.66	18.80	7.88	4.82	2.97
16.25	7.48	4.46	4.63	18.85	7.88	4.82	2.96
16.30	7.49	4.47	4.59	18.90	7.89	4.83	2.95
16.35	7.50	4.48	4.56	18.95	7.90	4.83	2.94
16.40	7.51	4.49	4.52	19.00	7.90	4.84	2.93
16.45	7.52	4.50	4.48	19.05	7.91	4.84	2.92
16.50	7.53	4.50	4.45	19.10	7.92	4.85	2.91
16.55	7.54	4.51	4.41	19.15	7.92	4.86	2.90
16.60	7.55	4.52	4.37	19.20	7.93	4.86	2.90
16.65	7.55	4.53	4.34	19.25	7.93	4.87	2.89
16.70	7.56	4.54	4.30	19.30	7.94	4.87	2.88
16.75	7.57	4.55	4.27	19.35	7.95	4.88	2.87
16.80	7.58	4.55	4.23	19.40	7.95	4.88	2.86
16.85	7.59	4.56	4.19	19.45	7.96	4.89	2.85
16.90	7.60	4.57	4.16	19.50	7.97	4.90	2.84
16.95	7.61	4.58	4.12	19.55	7.97	4.90	2.83
17.00	7.62	4.58	4.08	19.60	7.98	4.91	2.82
17.05	7.63	4.59	4.05	19.65	7.98	4.91	2.81
17.10	7.63	4.60	4.01	19.70	7.99	4.92	2.81
17.15	7.64	4.61	3.98	19.75	8.00	4.92	2.80
17.20	7.65	4.61	3.94	19.80	8.00	4.93	2.79
17.25	7.66	4.62	3.91	19.85	8.01	4.93	2.78
17.30	7.67	4.63	3.87	19.90	8.01	4.94	2.77
17.35	7.67	4.64	3.83	19.95	8.02	4.94	2.76
17.40	7.68	4.64	3.80	20.00	8.03	4.95	2.75
17.45	7.69	4.65	3.76	20.05	8.03	4.96	2.75
17.50	7.70	4.66	3.72	20.10	8.04	4.96	2.74
17.55	7.71	4.66	3.68	20.15	8.04	4.97	2.73
17.60	7.71	4.67	3.65	20.20	8.05	4.97	2.72
17.65	7.72	4.68	3.61	20.25	8.06	4.98	2.71
17.70	7.73	4.68	3.57	20.30	8.06	4.98	2.70
17.75	7.74	4.69	3.54	20.35	8.07	4.99	2.69
17.80	7.74	4.70	3.50	20.40	8.07	4.99	2.68
17.85	7.75	4.70	3.47	20.45	8.08	5.00	2.67
17.90	7.76	4.71	3.43	20.50	8.09	5.00	2.66
17.95	7.76	4.72	3.39	20.55	8.09	5.01	2.65
18.00	7.77	4.72	3.36	20.60	8.10	5.01	2.64
18.05	7.78	4.73	3.32	20.65	8.10	5.02	2.63
18.10	7.78	4.73	3.28	20.70	8.11	5.02	2.63
18.15	7.79	4.74	3.25	20.75	8.11	5.03	2.62

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	2.61	23.40	8.38	5.27	2.13
20.85	8.13	5.04	2.60	23.45	8.39	5.28	2.12
20.90	8.13	5.04	2.59	23.50	8.39	5.28	2.11
20.95	8.14	5.05	2.58	23.55	8.40	5.28	2.10
21.00	8.14	5.05	2.57	23.60	8.40	5.29	2.09
21.05	8.15	5.06	2.56	23.65	8.41	5.29	2.08
21.10	8.15	5.06	2.55	23.70	8.41	5.30	2.07
21.15	8.16	5.07	2.54	23.75	8.42	5.30	2.06
21.20	8.16	5.07	2.53	23.80	8.42	5.30	2.05
21.25	8.17	5.08	2.52	23.85	8.42	5.31	2.05
21.30	8.18	5.08	2.51	23.90	8.43	5.31	2.04
21.35	8.18	5.09	2.50	23.95	8.43	5.32	2.03
21.40	8.19	5.09	2.50	24.00	8.44	5.32	2.02
21.45	8.19	5.10	2.49	24.05	8.44	5.32	2.03
21.50	8.20	5.10	2.48	24.10	8.44	5.32	2.03
21.55	8.20	5.11	2.47	24.15	8.44	5.32	1.99
21.60	8.21	5.11	2.46	24.20	8.44	5.32	1.87
21.65	8.21	5.12	2.45	24.25	8.44	5.32	1.66
21.70	8.22	5.12	2.44	24.30	8.44	5.32	1.39
21.75	8.22	5.13	2.43	24.35	8.44	5.32	1.11
21.80	8.23	5.13	2.42	24.40	8.44	5.32	0.85
21.85	8.23	5.14	2.41	24.45	8.44	5.32	0.63
21.90	8.24	5.14	2.41	24.50	8.44	5.32	0.46
21.95	8.24	5.14	2.40	24.55	8.44	5.32	0.34
22.00	8.25	5.15	2.39	24.60	8.44	5.32	0.26
22.05	8.25	5.15	2.38	24.65	8.44	5.32	0.19
22.10	8.26	5.16	2.37	24.70	8.44	5.32	0.14
22.15	8.26	5.16	2.36	24.75	8.44	5.32	0.11
22.20	8.27	5.17	2.35	24.80	8.44	5.32	0.08
22.25	8.27	5.17	2.34	24.85	8.44	5.32	0.06
22.30	8.28	5.18	2.33	24.90	8.44	5.32	0.04
22.35	8.28	5.18	2.32	24.95	8.44	5.32	0.03
22.40	8.29	5.19	2.32	25.00	8.44	5.32	0.02
22.45	8.29	5.19	2.31	25.05	8.44	5.32	0.02
22.50	8.30	5.19	2.30	25.10	8.44	5.32	0.01
22.55	8.30	5.20	2.29	25.15	8.44	5.32	0.01
22.60	8.31	5.20	2.28	25.20	8.44	5.32	0.01
22.65	8.31	5.21	2.27	25.25	8.44	5.32	0.00
22.70	8.32	5.21	2.26	25.30	8.44	5.32	0.00
22.75	8.32	5.22	2.25	25.35	8.44	5.32	0.00
22.80	8.33	5.22	2.24	25.40	8.44	5.32	0.00
22.85	8.33	5.22	2.23	25.45	8.44	5.32	0.00
22.90	8.34	5.23	2.22	25.50	8.44	5.32	0.00
22.95	8.34	5.23	2.21	25.55	8.44	5.32	0.00
23.00	8.35	5.24	2.20	25.60	8.44	5.32	0.00
23.05	8.35	5.24	2.19	25.65	8.44	5.32	0.00
23.10	8.36	5.25	2.18	25.70	8.44	5.32	0.00
23.15	8.36	5.25	2.18	25.75	8.44	5.32	0.00
23.20	8.37	5.25	2.17	25.80	8.44	5.32	0.00
23.25	8.37	5.26	2.16	25.85	8.44	5.32	0.00
23.30	8.38	5.26	2.15	25.90	8.44	5.32	0.00
23.35	8.38	5.27	2.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Pond B-1: Basin #1

Inflow Area = 2.782 ac, 26.02% Impervious, Inflow Depth > 5.63" for Current 100 yr event
 Inflow = 11.45 cfs @ 12.20 hrs, Volume= 1.305 af
 Outflow = 1.95 cfs @ 13.34 hrs, Volume= 0.890 af, Atten= 83%, Lag= 68.5 min
 Primary = 1.95 cfs @ 13.34 hrs, Volume= 0.890 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 211.51' @ 13.34 hrs Surf.Area= 12,627 sf Storage= 28,565 cf

Plug-Flow detention time= 533.1 min calculated for 0.890 af (68% of inflow)
 Center-of-Mass det. time= 349.1 min (1,289.9 - 940.8)

Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	34,903 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	10,187	0	0
210.00	11,133	10,660	10,660
211.00	12,113	11,623	22,283
212.00	13,126	12,620	34,903

Device	Routing	Invert	Outlet Devices
#1	Primary	207.65'	18.0" Round Culvert L= 276.0' Ke= 0.500 Inlet / Outlet Invert= 207.65' / 204.00' S= 0.0132 ' /' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	209.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	211.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.75'	50.0' long + 3.0 ' /' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

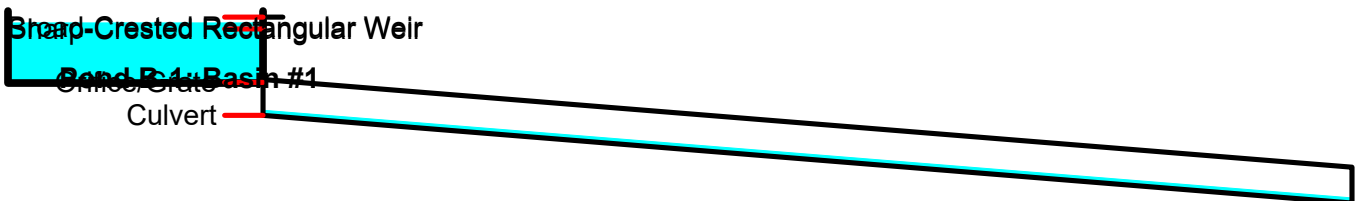
Primary OutFlow Max=1.94 cfs @ 13.34 hrs HW=211.51' (Free Discharge)

1=Culvert (Passes 1.94 cfs of 13.58 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.43 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.69 cfs @ 1.66 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

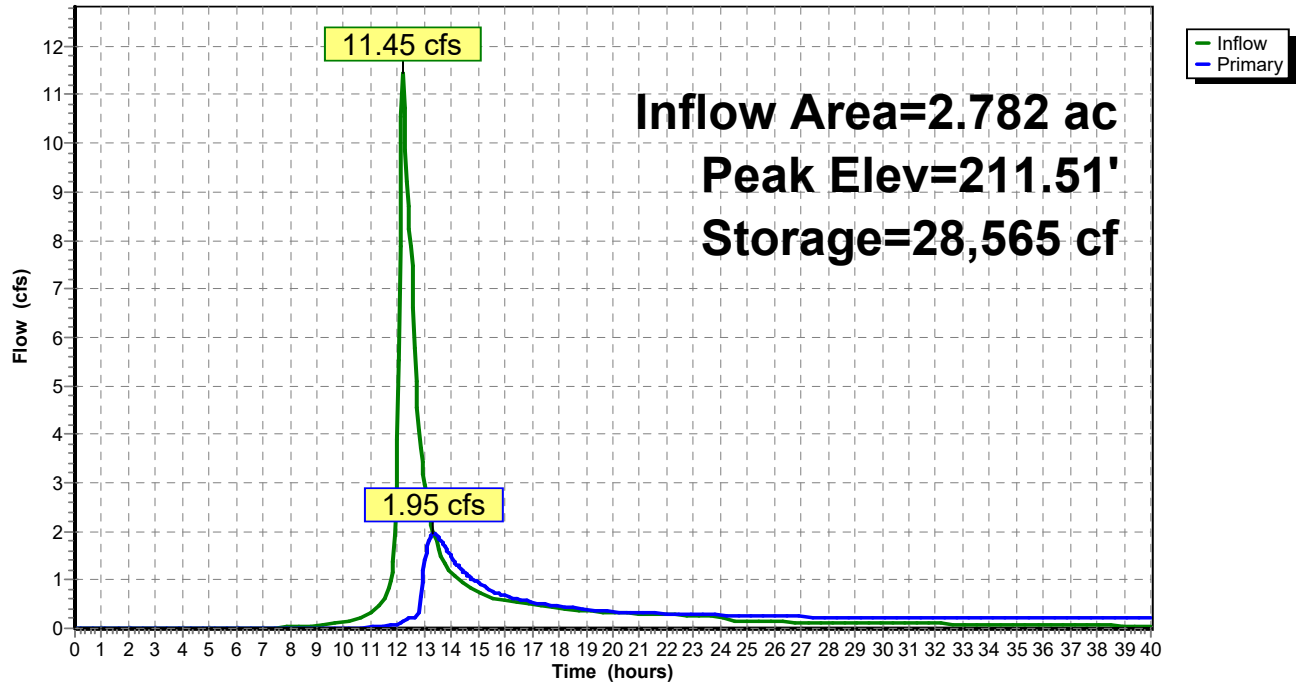
Pond B-1: Basin #1

Culvert



Pond B-1: Basin #1

Hydrograph



Hydrograph for Pond B-1: Basin #1

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	0	209.00	0.00
1.00	0.00	0	209.00	0.00
1.10	0.00	0	209.00	0.00
1.20	0.00	0	209.00	0.00
1.30	0.00	0	209.00	0.00
1.40	0.00	0	209.00	0.00
1.50	0.00	0	209.00	0.00
1.60	0.00	0	209.00	0.00
1.70	0.00	0	209.00	0.00
1.80	0.00	0	209.00	0.00
1.90	0.00	0	209.00	0.00
2.00	0.00	0	209.00	0.00
2.10	0.00	0	209.00	0.00
2.20	0.00	0	209.00	0.00
2.30	0.00	0	209.00	0.00
2.40	0.00	0	209.00	0.00
2.50	0.00	0	209.00	0.00
2.60	0.00	0	209.00	0.00
2.70	0.00	0	209.00	0.00
2.80	0.00	0	209.00	0.00
2.90	0.00	0	209.00	0.00
3.00	0.00	0	209.00	0.00
3.10	0.00	0	209.00	0.00
3.20	0.00	0	209.00	0.00
3.30	0.00	0	209.00	0.00
3.40	0.00	0	209.00	0.00
3.50	0.00	0	209.00	0.00
3.60	0.00	0	209.00	0.00
3.70	0.00	0	209.00	0.00
3.80	0.00	0	209.00	0.00
3.90	0.00	0	209.00	0.00
4.00	0.00	0	209.00	0.00
4.10	0.00	0	209.00	0.00
4.20	0.00	0	209.00	0.00
4.30	0.00	0	209.00	0.00
4.40	0.00	0	209.00	0.00
4.50	0.00	0	209.00	0.00
4.60	0.00	0	209.00	0.00
4.70	0.00	0	209.00	0.00
4.80	0.00	0	209.00	0.00
4.90	0.00	0	209.00	0.00
5.00	0.00	0	209.00	0.00
5.10	0.00	0	209.00	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	209.00	0.00
5.30	0.00	0	209.00	0.00
5.40	0.00	0	209.00	0.00
5.50	0.00	0	209.00	0.00
5.60	0.00	0	209.00	0.00
5.70	0.00	0	209.00	0.00
5.80	0.00	0	209.00	0.00
5.90	0.00	0	209.00	0.00
6.00	0.00	0	209.00	0.00
6.10	0.00	0	209.00	0.00
6.20	0.00	0	209.00	0.00
6.30	0.00	0	209.00	0.00
6.40	0.00	0	209.00	0.00
6.50	0.00	0	209.00	0.00
6.60	0.00	1	209.00	0.00
6.70	0.00	2	209.00	0.00
6.80	0.00	4	209.00	0.00
6.90	0.01	6	209.00	0.00
7.00	0.01	8	209.00	0.00
7.10	0.01	11	209.00	0.00
7.20	0.01	15	209.00	0.00
7.30	0.01	19	209.00	0.00
7.40	0.01	24	209.00	0.00
7.50	0.02	29	209.00	0.00
7.60	0.02	35	209.00	0.00
7.70	0.02	42	209.00	0.00
7.80	0.02	49	209.00	0.00
7.90	0.02	57	209.01	0.00
8.00	0.03	66	209.01	0.00
8.10	0.03	75	209.01	0.00
8.20	0.03	85	209.01	0.00
8.30	0.03	96	209.01	0.00
8.40	0.03	108	209.01	0.00
8.50	0.04	121	209.01	0.00
8.60	0.04	134	209.01	0.00
8.70	0.04	148	209.01	0.00
8.80	0.04	163	209.02	0.00
8.90	0.05	179	209.02	0.00
9.00	0.05	196	209.02	0.00
9.10	0.05	214	209.02	0.00
9.20	0.06	233	209.02	0.00
9.30	0.06	254	209.02	0.00
9.40	0.07	278	209.03	0.00
9.50	0.07	303	209.03	0.00
9.60	0.08	331	209.03	0.00
9.70	0.09	363	209.04	0.00
9.80	0.10	397	209.04	0.00
9.90	0.11	436	209.04	0.00
10.00	0.13	478	209.05	0.00
10.10	0.14	525	209.05	0.00
10.20	0.15	577	209.06	0.00
10.30	0.17	633	209.06	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	694	209.07	0.00
10.50	0.19	760	209.07	0.01
10.60	0.21	831	209.08	0.01
10.70	0.24	908	209.09	0.01
10.80	0.26	995	209.10	0.01
10.90	0.29	1,091	209.11	0.01
11.00	0.33	1,197	209.12	0.02
11.10	0.36	1,315	209.13	0.02
11.20	0.42	1,447	209.14	0.02
11.30	0.47	1,597	209.16	0.03
11.40	0.53	1,766	209.17	0.04
11.50	0.60	1,956	209.19	0.04
11.60	0.72	2,173	209.21	0.05
11.70	0.95	2,456	209.24	0.06
11.80	1.16	2,810	209.27	0.06
11.90	1.91	3,313	209.32	0.07
12.00	3.89	4,294	209.41	0.09
12.10	7.86	6,312	209.60	0.11
12.20	11.45	9,904	209.93	0.15
12.30	9.87	13,695	210.27	0.18
12.40	8.69	16,958	210.55	0.20
12.50	7.86	19,856	210.80	0.21
12.60	6.62	22,428	211.01	0.23
12.70	5.09	24,440	211.18	0.24
12.80	4.10	25,984	211.30	0.40
12.90	3.43	27,094	211.39	0.94
13.00	2.95	27,818	211.45	1.40
13.10	2.58	28,249	211.48	1.71
13.20	2.27	28,473	211.50	1.87
13.30	2.03	28,558	211.51	1.94
13.40	1.84	28,554	211.51	1.94
13.50	1.67	28,495	211.50	1.89
13.60	1.52	28,400	211.49	1.82
13.70	1.39	28,283	211.49	1.73
13.80	1.29	28,158	211.48	1.64
13.90	1.21	28,033	211.47	1.55
14.00	1.15	27,915	211.46	1.46
14.10	1.09	27,804	211.45	1.39
14.20	1.04	27,701	211.44	1.32
14.30	1.00	27,606	211.43	1.25
14.40	0.96	27,518	211.42	1.20
14.50	0.92	27,436	211.42	1.14
14.60	0.89	27,359	211.41	1.10
14.70	0.85	27,286	211.41	1.05
14.80	0.82	27,217	211.40	1.01
14.90	0.79	27,152	211.40	0.97
15.00	0.76	27,088	211.39	0.93
15.10	0.72	27,025	211.39	0.90
15.20	0.69	26,963	211.38	0.86
15.30	0.67	26,905	211.38	0.83
15.40	0.65	26,850	211.37	0.80
15.50	0.64	26,800	211.37	0.77

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.62	26,754	211.36	0.75
15.70	0.61	26,711	211.36	0.72
15.80	0.60	26,670	211.36	0.70
15.90	0.58	26,633	211.35	0.68
16.00	0.57	26,598	211.35	0.67
16.10	0.56	26,566	211.35	0.65
16.20	0.55	26,535	211.35	0.63
16.30	0.54	26,507	211.34	0.62
16.40	0.53	26,480	211.34	0.61
16.50	0.52	26,454	211.34	0.59
16.60	0.51	26,430	211.34	0.58
16.70	0.51	26,406	211.34	0.57
16.80	0.50	26,382	211.33	0.56
16.90	0.49	26,359	211.33	0.55
17.00	0.48	26,336	211.33	0.54
17.10	0.47	26,314	211.33	0.53
17.20	0.46	26,292	211.33	0.52
17.30	0.46	26,271	211.32	0.51
17.40	0.45	26,251	211.32	0.51
17.50	0.44	26,230	211.32	0.50
17.60	0.43	26,210	211.32	0.49
17.70	0.42	26,191	211.32	0.48
17.80	0.42	26,171	211.32	0.47
17.90	0.41	26,152	211.32	0.46
18.00	0.40	26,132	211.31	0.45
18.10	0.39	26,113	211.31	0.45
18.20	0.38	26,093	211.31	0.44
18.30	0.38	26,074	211.31	0.43
18.40	0.37	26,055	211.31	0.42
18.50	0.37	26,037	211.31	0.42
18.60	0.36	26,019	211.30	0.41
18.70	0.36	26,002	211.30	0.41
18.80	0.35	25,985	211.30	0.40
18.90	0.35	25,969	211.30	0.39
19.00	0.35	25,954	211.30	0.39
19.10	0.34	25,939	211.30	0.38
19.20	0.34	25,925	211.30	0.38
19.30	0.34	25,912	211.30	0.38
19.40	0.34	25,899	211.29	0.37
19.50	0.33	25,887	211.29	0.37
19.60	0.33	25,875	211.29	0.36
19.70	0.33	25,864	211.29	0.36
19.80	0.33	25,853	211.29	0.36
19.90	0.32	25,843	211.29	0.35
20.00	0.32	25,833	211.29	0.35
20.10	0.32	25,823	211.29	0.35
20.20	0.32	25,814	211.29	0.34
20.30	0.31	25,805	211.29	0.34
20.40	0.31	25,796	211.29	0.34
20.50	0.31	25,788	211.29	0.33
20.60	0.31	25,780	211.29	0.33
20.70	0.31	25,772	211.28	0.33

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.30	25,764	211.28	0.33
20.90	0.30	25,756	211.28	0.32
21.00	0.30	25,749	211.28	0.32
21.10	0.30	25,741	211.28	0.32
21.20	0.30	25,734	211.28	0.32
21.30	0.29	25,728	211.28	0.31
21.40	0.29	25,721	211.28	0.31
21.50	0.29	25,715	211.28	0.31
21.60	0.29	25,708	211.28	0.31
21.70	0.29	25,702	211.28	0.31
21.80	0.29	25,695	211.28	0.31
21.90	0.28	25,688	211.28	0.30
22.00	0.28	25,681	211.28	0.30
22.10	0.28	25,673	211.28	0.30
22.20	0.28	25,666	211.28	0.30
22.30	0.28	25,658	211.28	0.30
22.40	0.27	25,650	211.27	0.30
22.50	0.27	25,642	211.27	0.30
22.60	0.27	25,634	211.27	0.29
22.70	0.27	25,626	211.27	0.29
22.80	0.27	25,617	211.27	0.29
22.90	0.26	25,608	211.27	0.29
23.00	0.26	25,599	211.27	0.29
23.10	0.26	25,590	211.27	0.29
23.20	0.26	25,581	211.27	0.28
23.30	0.26	25,572	211.27	0.28
23.40	0.25	25,563	211.27	0.28
23.50	0.25	25,553	211.27	0.28
23.60	0.25	25,544	211.27	0.28
23.70	0.25	25,534	211.27	0.28
23.80	0.25	25,524	211.26	0.27
23.90	0.24	25,514	211.26	0.27
24.00	0.25	25,505	211.26	0.27
24.10	0.23	25,496	211.26	0.27
24.20	0.18	25,474	211.26	0.26
24.30	0.15	25,440	211.26	0.26
24.40	0.14	25,401	211.25	0.25
24.50	0.14	25,362	211.25	0.24
24.60	0.14	25,325	211.25	0.24
24.70	0.14	25,288	211.25	0.24
24.80	0.14	25,251	211.24	0.24
24.90	0.13	25,214	211.24	0.24
25.00	0.13	25,176	211.24	0.24
25.10	0.13	25,139	211.23	0.24
25.20	0.13	25,101	211.23	0.24
25.30	0.13	25,063	211.23	0.24
25.40	0.13	25,025	211.22	0.24
25.50	0.13	24,987	211.22	0.24
25.60	0.13	24,949	211.22	0.24
25.70	0.13	24,910	211.21	0.24
25.80	0.13	24,872	211.21	0.24
25.90	0.13	24,833	211.21	0.24

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.13	24,794	211.21	0.24
26.10	0.13	24,755	211.20	0.24
26.20	0.13	24,716	211.20	0.24
26.30	0.13	24,677	211.20	0.24
26.40	0.13	24,638	211.19	0.24
26.50	0.13	24,598	211.19	0.24
26.60	0.13	24,558	211.19	0.24
26.70	0.12	24,519	211.18	0.24
26.80	0.12	24,479	211.18	0.24
26.90	0.12	24,439	211.18	0.24
27.00	0.12	24,398	211.17	0.23
27.10	0.12	24,358	211.17	0.23
27.20	0.12	24,318	211.17	0.23
27.30	0.12	24,277	211.16	0.23
27.40	0.12	24,236	211.16	0.23
27.50	0.12	24,195	211.16	0.23
27.60	0.12	24,154	211.15	0.23
27.70	0.12	24,113	211.15	0.23
27.80	0.12	24,072	211.15	0.23
27.90	0.12	24,030	211.14	0.23
28.00	0.12	23,989	211.14	0.23
28.10	0.12	23,947	211.14	0.23
28.20	0.12	23,905	211.13	0.23
28.30	0.12	23,863	211.13	0.23
28.40	0.12	23,821	211.13	0.23
28.50	0.11	23,779	211.12	0.23
28.60	0.11	23,736	211.12	0.23
28.70	0.11	23,694	211.12	0.23
28.80	0.11	23,651	211.11	0.23
28.90	0.11	23,608	211.11	0.23
29.00	0.11	23,565	211.11	0.23
29.10	0.11	23,522	211.10	0.23
29.20	0.11	23,479	211.10	0.23
29.30	0.11	23,436	211.09	0.23
29.40	0.11	23,392	211.09	0.23
29.50	0.11	23,349	211.09	0.23
29.60	0.11	23,305	211.08	0.23
29.70	0.11	23,261	211.08	0.23
29.80	0.11	23,217	211.08	0.23
29.90	0.11	23,173	211.07	0.23
30.00	0.11	23,129	211.07	0.23
30.10	0.11	23,084	211.07	0.23
30.20	0.10	23,040	211.06	0.23
30.30	0.10	22,995	211.06	0.23
30.40	0.10	22,950	211.05	0.23
30.50	0.10	22,905	211.05	0.23
30.60	0.10	22,860	211.05	0.23
30.70	0.10	22,815	211.04	0.23
30.80	0.10	22,770	211.04	0.23
30.90	0.10	22,724	211.04	0.23
31.00	0.10	22,679	211.03	0.23
31.10	0.10	22,633	211.03	0.23

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.10	22,587	211.03	0.23
31.30	0.10	22,541	211.02	0.23
31.40	0.10	22,495	211.02	0.23
31.50	0.10	22,449	211.01	0.23
31.60	0.10	22,403	211.01	0.23
31.70	0.10	22,356	211.01	0.23
31.80	0.10	22,309	211.00	0.22
31.90	0.09	22,263	211.00	0.22
32.00	0.09	22,216	210.99	0.22
32.10	0.09	22,169	210.99	0.22
32.20	0.09	22,122	210.99	0.22
32.30	0.09	22,074	210.98	0.22
32.40	0.09	22,027	210.98	0.22
32.50	0.09	21,980	210.97	0.22
32.60	0.09	21,932	210.97	0.22
32.70	0.09	21,884	210.97	0.22
32.80	0.09	21,836	210.96	0.22
32.90	0.09	21,788	210.96	0.22
33.00	0.09	21,740	210.96	0.22
33.10	0.09	21,692	210.95	0.22
33.20	0.09	21,643	210.95	0.22
33.30	0.09	21,595	210.94	0.22
33.40	0.09	21,546	210.94	0.22
33.50	0.09	21,498	210.93	0.22
33.60	0.08	21,449	210.93	0.22
33.70	0.08	21,400	210.93	0.22
33.80	0.08	21,351	210.92	0.22
33.90	0.08	21,301	210.92	0.22
34.00	0.08	21,252	210.91	0.22
34.10	0.08	21,202	210.91	0.22
34.20	0.08	21,153	210.91	0.22
34.30	0.08	21,103	210.90	0.22
34.40	0.08	21,053	210.90	0.22
34.50	0.08	21,003	210.89	0.22
34.60	0.08	20,953	210.89	0.22
34.70	0.08	20,903	210.89	0.22
34.80	0.08	20,853	210.88	0.22
34.90	0.08	20,802	210.88	0.22
35.00	0.08	20,752	210.87	0.22
35.10	0.08	20,701	210.87	0.22
35.20	0.08	20,650	210.86	0.22
35.30	0.07	20,599	210.86	0.22
35.40	0.07	20,548	210.86	0.22
35.50	0.07	20,497	210.85	0.22
35.60	0.07	20,446	210.85	0.22
35.70	0.07	20,394	210.84	0.22
35.80	0.07	20,343	210.84	0.21
35.90	0.07	20,291	210.83	0.21
36.00	0.07	20,239	210.83	0.21
36.10	0.07	20,187	210.83	0.21
36.20	0.07	20,135	210.82	0.21
36.30	0.07	20,083	210.82	0.21

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.07	20,031	210.81	0.21
36.50	0.07	19,979	210.81	0.21
36.60	0.07	19,926	210.80	0.21
36.70	0.07	19,874	210.80	0.21
36.80	0.07	19,821	210.80	0.21
36.90	0.07	19,768	210.79	0.21
37.00	0.06	19,715	210.79	0.21
37.10	0.06	19,662	210.78	0.21
37.20	0.06	19,609	210.78	0.21
37.30	0.06	19,556	210.77	0.21
37.40	0.06	19,502	210.77	0.21
37.50	0.06	19,449	210.76	0.21
37.60	0.06	19,395	210.76	0.21
37.70	0.06	19,341	210.75	0.21
37.80	0.06	19,288	210.75	0.21
37.90	0.06	19,234	210.75	0.21
38.00	0.06	19,180	210.74	0.21
38.10	0.06	19,125	210.74	0.21
38.20	0.06	19,071	210.73	0.21
38.30	0.06	19,017	210.73	0.21
38.40	0.06	18,962	210.72	0.21
38.50	0.06	18,908	210.72	0.21
38.60	0.05	18,853	210.71	0.21
38.70	0.05	18,798	210.71	0.21
38.80	0.05	18,743	210.70	0.21
38.90	0.05	18,688	210.70	0.21
39.00	0.05	18,633	210.69	0.21
39.10	0.05	18,578	210.69	0.21
39.20	0.05	18,523	210.69	0.21
39.30	0.05	18,467	210.68	0.20
39.40	0.05	18,412	210.68	0.20
39.50	0.05	18,356	210.67	0.20
39.60	0.05	18,300	210.67	0.20
39.70	0.05	18,244	210.66	0.20
39.80	0.05	18,188	210.66	0.20
39.90	0.05	18,132	210.65	0.20
40.00	0.05	18,076	210.65	0.20

Stage-Discharge for Pond B-1: Basin #1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.10	210.04	0.16	210.56	0.20
209.01	0.00	209.53	0.10	210.05	0.16	210.57	0.20
209.02	0.00	209.54	0.11	210.06	0.16	210.58	0.20
209.03	0.00	209.55	0.11	210.07	0.16	210.59	0.20
209.04	0.00	209.56	0.11	210.08	0.16	210.60	0.20
209.05	0.00	209.57	0.11	210.09	0.16	210.61	0.20
209.06	0.00	209.58	0.11	210.10	0.16	210.62	0.20
209.07	0.00	209.59	0.11	210.11	0.16	210.63	0.20
209.08	0.01	209.60	0.11	210.12	0.16	210.64	0.20
209.09	0.01	209.61	0.11	210.13	0.16	210.65	0.20
209.10	0.01	209.62	0.12	210.14	0.17	210.66	0.20
209.11	0.01	209.63	0.12	210.15	0.17	210.67	0.20
209.12	0.02	209.64	0.12	210.16	0.17	210.68	0.20
209.13	0.02	209.65	0.12	210.17	0.17	210.69	0.21
209.14	0.02	209.66	0.12	210.18	0.17	210.70	0.21
209.15	0.03	209.67	0.12	210.19	0.17	210.71	0.21
209.16	0.03	209.68	0.12	210.20	0.17	210.72	0.21
209.17	0.03	209.69	0.12	210.21	0.17	210.73	0.21
209.18	0.04	209.70	0.12	210.22	0.17	210.74	0.21
209.19	0.04	209.71	0.13	210.23	0.17	210.75	0.21
209.20	0.05	209.72	0.13	210.24	0.17	210.76	0.21
209.21	0.05	209.73	0.13	210.25	0.17	210.77	0.21
209.22	0.05	209.74	0.13	210.26	0.17	210.78	0.21
209.23	0.05	209.75	0.13	210.27	0.18	210.79	0.21
209.24	0.06	209.76	0.13	210.28	0.18	210.80	0.21
209.25	0.06	209.77	0.13	210.29	0.18	210.81	0.21
209.26	0.06	209.78	0.13	210.30	0.18	210.82	0.21
209.27	0.06	209.79	0.13	210.31	0.18	210.83	0.21
209.28	0.06	209.80	0.13	210.32	0.18	210.84	0.22
209.29	0.07	209.81	0.14	210.33	0.18	210.85	0.22
209.30	0.07	209.82	0.14	210.34	0.18	210.86	0.22
209.31	0.07	209.83	0.14	210.35	0.18	210.87	0.22
209.32	0.07	209.84	0.14	210.36	0.18	210.88	0.22
209.33	0.07	209.85	0.14	210.37	0.18	210.89	0.22
209.34	0.08	209.86	0.14	210.38	0.18	210.90	0.22
209.35	0.08	209.87	0.14	210.39	0.18	210.91	0.22
209.36	0.08	209.88	0.14	210.40	0.19	210.92	0.22
209.37	0.08	209.89	0.14	210.41	0.19	210.93	0.22
209.38	0.08	209.90	0.14	210.42	0.19	210.94	0.22
209.39	0.08	209.91	0.15	210.43	0.19	210.95	0.22
209.40	0.09	209.92	0.15	210.44	0.19	210.96	0.22
209.41	0.09	209.93	0.15	210.45	0.19	210.97	0.22
209.42	0.09	209.94	0.15	210.46	0.19	210.98	0.22
209.43	0.09	209.95	0.15	210.47	0.19	210.99	0.22
209.44	0.09	209.96	0.15	210.48	0.19	211.00	0.22
209.45	0.09	209.97	0.15	210.49	0.19	211.01	0.23
209.46	0.10	209.98	0.15	210.50	0.19	211.02	0.23
209.47	0.10	209.99	0.15	210.51	0.19	211.03	0.23
209.48	0.10	210.00	0.15	210.52	0.19	211.04	0.23
209.49	0.10	210.01	0.15	210.53	0.19	211.05	0.23
209.50	0.10	210.02	0.16	210.54	0.20	211.06	0.23
209.51	0.10	210.03	0.16	210.55	0.20	211.07	0.23

Stage-Discharge for Pond B-1: Basin #1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	0.23	211.60	2.92
211.09	0.23	211.61	3.03
211.10	0.23	211.62	3.15
211.11	0.23	211.63	3.27
211.12	0.23	211.64	3.38
211.13	0.23	211.65	3.50
211.14	0.23	211.66	3.62
211.15	0.23	211.67	3.75
211.16	0.23	211.68	3.87
211.17	0.23	211.69	4.00
211.18	0.24	211.70	4.12
211.19	0.24	211.71	4.25
211.20	0.24	211.72	4.38
211.21	0.24	211.73	4.51
211.22	0.24	211.74	4.64
211.23	0.24	211.75	4.77
211.24	0.24	211.76	5.03
211.25	0.24	211.77	5.38
211.26	0.25	211.78	5.79
211.27	0.28	211.79	6.26
211.28	0.31	211.80	6.77
211.29	0.35	211.81	7.32
211.30	0.39	211.82	7.91
211.31	0.43	211.83	8.54
211.32	0.48	211.84	9.20
211.33	0.54	211.85	9.89
211.34	0.60	211.86	10.60
211.35	0.66	211.87	11.35
211.36	0.72	211.88	12.13
211.37	0.79	211.89	12.93
211.38	0.86	211.90	13.75
211.39	0.93	211.91	14.60
211.40	1.00	211.92	15.48
211.41	1.08	211.93	16.37
211.42	1.16	211.94	17.29
211.43	1.24	211.95	18.23
211.44	1.32	211.96	19.24
211.45	1.41	211.97	20.26
211.46	1.50	211.98	21.32
211.47	1.59	211.99	22.40
211.48	1.68	212.00	23.51
211.49	1.77		
211.50	1.87		
211.51	1.97		
211.52	2.06		
211.53	2.17		
211.54	2.27		
211.55	2.37		
211.56	2.48		
211.57	2.59		
211.58	2.70		
211.59	2.81		

Stage-Area-Storage for Pond B-1: Basin #1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	10,187	0	209.52	10,679	5,425
209.01	10,196	102	209.53	10,688	5,532
209.02	10,206	204	209.54	10,698	5,639
209.03	10,215	306	209.55	10,707	5,746
209.04	10,225	408	209.56	10,717	5,853
209.05	10,234	511	209.57	10,726	5,960
209.06	10,244	613	209.58	10,736	6,068
209.07	10,253	715	209.59	10,745	6,175
209.08	10,263	818	209.60	10,755	6,282
209.09	10,272	921	209.61	10,764	6,390
209.10	10,282	1,023	209.62	10,774	6,498
209.11	10,291	1,126	209.63	10,783	6,606
209.12	10,301	1,229	209.64	10,792	6,713
209.13	10,310	1,332	209.65	10,802	6,821
209.14	10,319	1,435	209.66	10,811	6,929
209.15	10,329	1,539	209.67	10,821	7,038
209.16	10,338	1,642	209.68	10,830	7,146
209.17	10,348	1,745	209.69	10,840	7,254
209.18	10,357	1,849	209.70	10,849	7,363
209.19	10,367	1,953	209.71	10,859	7,471
209.20	10,376	2,056	209.72	10,868	7,580
209.21	10,386	2,160	209.73	10,878	7,689
209.22	10,395	2,264	209.74	10,887	7,797
209.23	10,405	2,368	209.75	10,897	7,906
209.24	10,414	2,472	209.76	10,906	8,015
209.25	10,424	2,576	209.77	10,915	8,124
209.26	10,433	2,681	209.78	10,925	8,234
209.27	10,442	2,785	209.79	10,934	8,343
209.28	10,452	2,889	209.80	10,944	8,452
209.29	10,461	2,994	209.81	10,953	8,562
209.30	10,471	3,099	209.82	10,963	8,671
209.31	10,480	3,203	209.83	10,972	8,781
209.32	10,490	3,308	209.84	10,982	8,891
209.33	10,499	3,413	209.85	10,991	9,001
209.34	10,509	3,518	209.86	11,001	9,111
209.35	10,518	3,623	209.87	11,010	9,221
209.36	10,528	3,729	209.88	11,019	9,331
209.37	10,537	3,834	209.89	11,029	9,441
209.38	10,546	3,939	209.90	11,038	9,551
209.39	10,556	4,045	209.91	11,048	9,662
209.40	10,565	4,150	209.92	11,057	9,772
209.41	10,575	4,256	209.93	11,067	9,883
209.42	10,584	4,362	209.94	11,076	9,994
209.43	10,594	4,468	209.95	11,086	10,105
209.44	10,603	4,574	209.96	11,095	10,215
209.45	10,613	4,680	209.97	11,105	10,326
209.46	10,622	4,786	209.98	11,114	10,438
209.47	10,632	4,892	209.99	11,124	10,549
209.48	10,641	4,999	210.00	11,133	10,660
209.49	10,651	5,105	210.01	11,143	10,771
209.50	10,660	5,212	210.02	11,153	10,883
209.51	10,669	5,318	210.03	11,162	10,994

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	11,172	11,106	210.56	11,682	17,048
210.05	11,182	11,218	210.57	11,692	17,165
210.06	11,192	11,330	210.58	11,701	17,282
210.07	11,202	11,442	210.59	11,711	17,399
210.08	11,211	11,554	210.60	11,721	17,516
210.09	11,221	11,666	210.61	11,731	17,633
210.10	11,231	11,778	210.62	11,741	17,751
210.11	11,241	11,891	210.63	11,750	17,868
210.12	11,251	12,003	210.64	11,760	17,986
210.13	11,260	12,116	210.65	11,770	18,103
210.14	11,270	12,228	210.66	11,780	18,221
210.15	11,280	12,341	210.67	11,790	18,339
210.16	11,290	12,454	210.68	11,799	18,457
210.17	11,300	12,567	210.69	11,809	18,575
210.18	11,309	12,680	210.70	11,819	18,693
210.19	11,319	12,793	210.71	11,829	18,811
210.20	11,329	12,906	210.72	11,839	18,930
210.21	11,339	13,020	210.73	11,848	19,048
210.22	11,349	13,133	210.74	11,858	19,167
210.23	11,358	13,247	210.75	11,868	19,285
210.24	11,368	13,360	210.76	11,878	19,404
210.25	11,378	13,474	210.77	11,888	19,523
210.26	11,388	13,588	210.78	11,897	19,642
210.27	11,398	13,702	210.79	11,907	19,761
210.28	11,407	13,816	210.80	11,917	19,880
210.29	11,417	13,930	210.81	11,927	19,999
210.30	11,427	14,044	210.82	11,937	20,119
210.31	11,437	14,158	210.83	11,946	20,238
210.32	11,447	14,273	210.84	11,956	20,357
210.33	11,456	14,387	210.85	11,966	20,477
210.34	11,466	14,502	210.86	11,976	20,597
210.35	11,476	14,617	210.87	11,986	20,717
210.36	11,486	14,731	210.88	11,995	20,836
210.37	11,496	14,846	210.89	12,005	20,956
210.38	11,505	14,961	210.90	12,015	21,077
210.39	11,515	15,076	210.91	12,025	21,197
210.40	11,525	15,192	210.92	12,035	21,317
210.41	11,535	15,307	210.93	12,044	21,437
210.42	11,545	15,422	210.94	12,054	21,558
210.43	11,554	15,538	210.95	12,064	21,679
210.44	11,564	15,653	210.96	12,074	21,799
210.45	11,574	15,769	210.97	12,084	21,920
210.46	11,584	15,885	210.98	12,093	22,041
210.47	11,594	16,001	210.99	12,103	22,162
210.48	11,603	16,117	211.00	12,113	22,283
210.49	11,613	16,233	211.01	12,123	22,404
210.50	11,623	16,349	211.02	12,133	22,525
210.51	11,633	16,465	211.03	12,143	22,647
210.52	11,643	16,582	211.04	12,154	22,768
210.53	11,652	16,698	211.05	12,164	22,890
210.54	11,662	16,815	211.06	12,174	23,012
210.55	11,672	16,931	211.07	12,184	23,133

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	12,194	23,255	211.60	12,721	29,733
211.09	12,204	23,377	211.61	12,731	29,860
211.10	12,214	23,499	211.62	12,741	29,988
211.11	12,224	23,622	211.63	12,751	30,115
211.12	12,235	23,744	211.64	12,761	30,243
211.13	12,245	23,866	211.65	12,771	30,370
211.14	12,255	23,989	211.66	12,782	30,498
211.15	12,265	24,111	211.67	12,792	30,626
211.16	12,275	24,234	211.68	12,802	30,754
211.17	12,285	24,357	211.69	12,812	30,882
211.18	12,295	24,480	211.70	12,822	31,010
211.19	12,305	24,603	211.71	12,832	31,139
211.20	12,316	24,726	211.72	12,842	31,267
211.21	12,326	24,849	211.73	12,852	31,395
211.22	12,336	24,972	211.74	12,863	31,524
211.23	12,346	25,096	211.75	12,873	31,653
211.24	12,356	25,219	211.76	12,883	31,781
211.25	12,366	25,343	211.77	12,893	31,910
211.26	12,376	25,467	211.78	12,903	32,039
211.27	12,387	25,590	211.79	12,913	32,168
211.28	12,397	25,714	211.80	12,923	32,298
211.29	12,407	25,838	211.81	12,934	32,427
211.30	12,417	25,962	211.82	12,944	32,556
211.31	12,427	26,087	211.83	12,954	32,686
211.32	12,437	26,211	211.84	12,964	32,815
211.33	12,447	26,335	211.85	12,974	32,945
211.34	12,457	26,460	211.86	12,984	33,075
211.35	12,468	26,585	211.87	12,994	33,205
211.36	12,478	26,709	211.88	13,004	33,335
211.37	12,488	26,834	211.89	13,015	33,465
211.38	12,498	26,959	211.90	13,025	33,595
211.39	12,508	27,084	211.91	13,035	33,725
211.40	12,518	27,209	211.92	13,045	33,856
211.41	12,528	27,334	211.93	13,055	33,986
211.42	12,538	27,460	211.94	13,065	34,117
211.43	12,549	27,585	211.95	13,075	34,247
211.44	12,559	27,711	211.96	13,085	34,378
211.45	12,569	27,836	211.97	13,096	34,509
211.46	12,579	27,962	211.98	13,106	34,640
211.47	12,589	28,088	211.99	13,116	34,771
211.48	12,599	28,214	212.00	13,126	34,903
211.49	12,609	28,340			
211.50	12,620	28,466			
211.51	12,630	28,592			
211.52	12,640	28,719			
211.53	12,650	28,845			
211.54	12,660	28,972			
211.55	12,670	29,098			
211.56	12,680	29,225			
211.57	12,690	29,352			
211.58	12,701	29,479			
211.59	12,711	29,606			

Summary for Pond B-10: Basin #10

Inflow Area = 1.674 ac, 56.63% Impervious, Inflow Depth = 6.95" for Current 100 yr event
 Inflow = 11.55 cfs @ 12.17 hrs, Volume= 0.970 af
 Outflow = 5.74 cfs @ 12.34 hrs, Volume= 0.829 af, Atten= 50%, Lag= 10.2 min
 Primary = 5.74 cfs @ 12.34 hrs, Volume= 0.829 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.57' @ 12.34 hrs Surf.Area= 7,237 sf Storage= 20,281 cf

Plug-Flow detention time= 436.7 min calculated for 0.829 af (86% of inflow)
 Center-of-Mass det. time= 369.4 min (1,139.5 - 770.1)

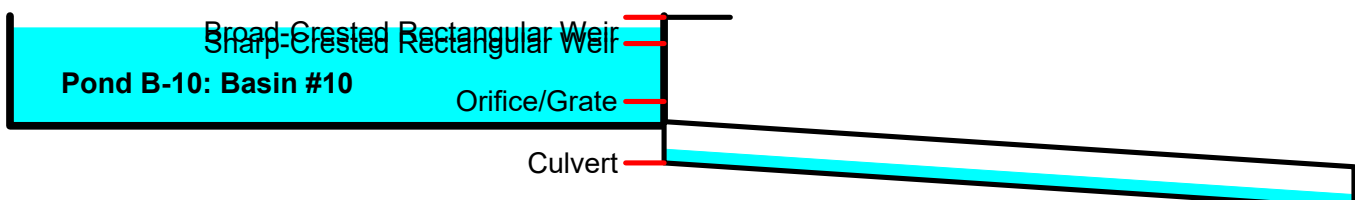
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	23,473 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	4,220	0	0
180.00	5,003	4,612	4,612
181.00	5,833	5,418	10,030
182.00	6,710	6,272	16,301
183.00	7,633	7,172	23,473

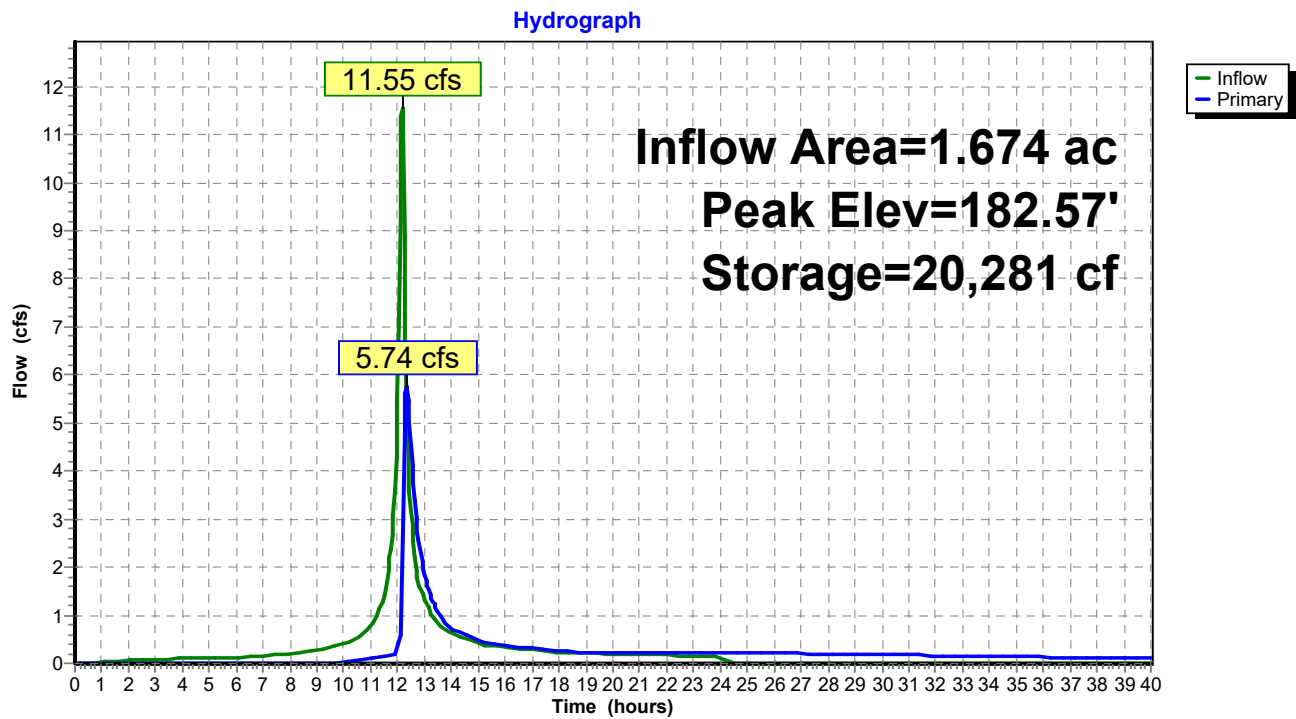
Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 52.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 176.00' S= 0.0317 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.88'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.71 cfs @ 12.34 hrs HW=182.57' (Free Discharge)

1=Culvert (Passes 5.71 cfs of 17.37 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.74 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.45 cfs @ 2.47 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-10: Basin #10



Hydrograph for Pond B-10: Basin #10

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.01	2	179.00	0.00
0.80	0.01	6	179.00	0.00
0.90	0.02	12	179.00	0.00
1.00	0.03	20	179.00	0.00
1.10	0.03	30	179.01	0.00
1.20	0.03	42	179.01	0.00
1.30	0.04	55	179.01	0.00
1.40	0.04	70	179.02	0.00
1.50	0.05	86	179.02	0.00
1.60	0.05	103	179.02	0.00
1.70	0.05	122	179.03	0.00
1.80	0.06	141	179.03	0.00
1.90	0.06	162	179.04	0.00
2.00	0.06	184	179.04	0.00
2.10	0.06	206	179.05	0.00
2.20	0.07	230	179.05	0.00
2.30	0.07	254	179.06	0.00
2.40	0.07	279	179.07	0.00
2.50	0.07	305	179.07	0.00
2.60	0.08	332	179.08	0.00
2.70	0.08	360	179.08	0.00
2.80	0.08	388	179.09	0.00
2.90	0.08	417	179.10	0.00
3.00	0.08	446	179.10	0.00
3.10	0.08	476	179.11	0.00
3.20	0.09	507	179.12	0.00
3.30	0.09	538	179.13	0.00
3.40	0.09	570	179.13	0.00
3.50	0.09	603	179.14	0.00
3.60	0.09	636	179.15	0.00
3.70	0.09	669	179.16	0.00
3.80	0.10	703	179.16	0.00
3.90	0.10	738	179.17	0.00
4.00	0.10	773	179.18	0.00
4.10	0.10	808	179.19	0.00
4.20	0.10	844	179.20	0.00
4.30	0.10	880	179.20	0.00
4.40	0.10	917	179.21	0.00
4.50	0.10	955	179.22	0.00
4.60	0.11	992	179.23	0.00
4.70	0.11	1,031	179.24	0.00
4.80	0.11	1,069	179.25	0.00
4.90	0.11	1,108	179.26	0.00
5.00	0.11	1,148	179.27	0.00
5.10	0.11	1,187	179.27	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,228	179.28	0.00
5.30	0.11	1,268	179.29	0.00
5.40	0.11	1,309	179.30	0.00
5.50	0.12	1,351	179.31	0.00
5.60	0.12	1,393	179.32	0.00
5.70	0.12	1,435	179.33	0.00
5.80	0.12	1,477	179.34	0.00
5.90	0.12	1,520	179.35	0.00
6.00	0.12	1,564	179.36	0.00
6.10	0.12	1,607	179.37	0.00
6.20	0.13	1,652	179.38	0.00
6.30	0.13	1,698	179.39	0.00
6.40	0.13	1,745	179.40	0.00
6.50	0.14	1,793	179.41	0.00
6.60	0.14	1,842	179.42	0.00
6.70	0.14	1,894	179.43	0.00
6.80	0.15	1,947	179.44	0.00
6.90	0.15	2,001	179.45	0.00
7.00	0.16	2,057	179.47	0.00
7.10	0.16	2,114	179.48	0.00
7.20	0.17	2,174	179.49	0.00
7.30	0.17	2,235	179.51	0.00
7.40	0.18	2,297	179.52	0.00
7.50	0.18	2,362	179.53	0.00
7.60	0.19	2,428	179.55	0.00
7.70	0.19	2,495	179.56	0.00
7.80	0.20	2,565	179.58	0.00
7.90	0.20	2,636	179.59	0.00
8.00	0.21	2,709	179.61	0.00
8.10	0.21	2,784	179.62	0.00
8.20	0.22	2,860	179.64	0.00
8.30	0.22	2,939	179.66	0.00
8.40	0.23	3,019	179.67	0.00
8.50	0.23	3,101	179.69	0.00
8.60	0.24	3,185	179.71	0.00
8.70	0.24	3,271	179.73	0.00
8.80	0.25	3,359	179.74	0.00
8.90	0.25	3,448	179.76	0.00
9.00	0.26	3,540	179.78	0.00
9.10	0.27	3,634	179.80	0.00
9.20	0.28	3,732	179.82	0.00
9.30	0.29	3,835	179.84	0.00
9.40	0.31	3,944	179.87	0.00
9.50	0.33	4,059	179.89	0.00
9.60	0.34	4,179	179.91	0.00
9.70	0.36	4,304	179.94	0.01
9.80	0.38	4,434	179.96	0.01
9.90	0.40	4,567	179.99	0.02
10.00	0.41	4,704	180.02	0.03
10.10	0.43	4,843	180.05	0.04
10.20	0.45	4,986	180.07	0.05
10.30	0.47	5,132	180.10	0.06

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.49	5,283	180.13	0.06
10.50	0.51	5,438	180.16	0.07
10.60	0.54	5,600	180.19	0.08
10.70	0.59	5,774	180.23	0.08
10.80	0.66	5,969	180.27	0.09
10.90	0.72	6,184	180.31	0.09
11.00	0.79	6,421	180.35	0.10
11.10	0.87	6,682	180.40	0.11
11.20	0.99	6,977	180.46	0.11
11.30	1.11	7,312	180.52	0.12
11.40	1.24	7,691	180.59	0.13
11.50	1.37	8,115	180.66	0.14
11.60	1.66	8,599	180.75	0.14
11.70	2.18	9,242	180.86	0.15
11.80	2.65	10,047	181.00	0.17
11.90	3.58	11,094	181.18	0.18
12.00	5.44	12,611	181.43	0.20
12.10	9.22	15,117	181.82	0.22
12.20	11.13	18,617	182.34	2.77
12.30	6.72	20,216	182.56	5.62
12.40	4.31	20,134	182.55	5.46
12.50	3.16	19,653	182.48	4.55
12.60	2.56	19,198	182.42	3.74
12.70	1.93	18,780	182.36	3.03
12.80	1.66	18,433	182.31	2.49
12.90	1.50	18,178	182.27	2.11
13.00	1.35	17,983	182.25	1.83
13.10	1.21	17,824	182.22	1.62
13.20	1.08	17,686	182.20	1.43
13.30	0.99	17,568	182.19	1.29
13.40	0.91	17,468	182.17	1.17
13.50	0.83	17,380	182.16	1.07
13.60	0.76	17,298	182.15	0.98
13.70	0.69	17,221	182.14	0.90
13.80	0.66	17,155	182.13	0.83
13.90	0.64	17,102	182.12	0.77
14.00	0.62	17,059	182.11	0.73
14.10	0.60	17,021	182.11	0.70
14.20	0.58	16,988	182.10	0.67
14.30	0.56	16,958	182.10	0.64
14.40	0.54	16,930	182.09	0.61
14.50	0.52	16,904	182.09	0.59
14.60	0.50	16,879	182.09	0.57
14.70	0.48	16,855	182.08	0.55
14.80	0.46	16,831	182.08	0.53
14.90	0.44	16,807	182.07	0.51
15.00	0.42	16,782	182.07	0.49
15.10	0.40	16,756	182.07	0.47
15.20	0.38	16,730	182.06	0.45
15.30	0.37	16,706	182.06	0.44
15.40	0.37	16,685	182.06	0.42
15.50	0.36	16,667	182.05	0.41

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.36	16,651	182.05	0.40
15.70	0.35	16,638	182.05	0.39
15.80	0.35	16,625	182.05	0.38
15.90	0.34	16,614	182.05	0.37
16.00	0.34	16,604	182.04	0.36
16.10	0.33	16,594	182.04	0.36
16.20	0.33	16,585	182.04	0.35
16.30	0.32	16,576	182.04	0.34
16.40	0.31	16,568	182.04	0.34
16.50	0.31	16,559	182.04	0.34
16.60	0.30	16,549	182.04	0.33
16.70	0.30	16,539	182.04	0.33
16.80	0.29	16,528	182.03	0.32
16.90	0.29	16,517	182.03	0.32
17.00	0.28	16,506	182.03	0.31
17.10	0.28	16,495	182.03	0.31
17.20	0.27	16,483	182.03	0.31
17.30	0.27	16,471	182.03	0.30
17.40	0.26	16,459	182.02	0.30
17.50	0.26	16,446	182.02	0.29
17.60	0.25	16,434	182.02	0.29
17.70	0.25	16,421	182.02	0.28
17.80	0.24	16,408	182.02	0.28
17.90	0.23	16,396	182.01	0.27
18.00	0.23	16,383	182.01	0.27
18.10	0.22	16,370	182.01	0.26
18.20	0.22	16,357	182.01	0.26
18.30	0.22	16,344	182.01	0.25
18.40	0.22	16,333	182.00	0.25
18.50	0.21	16,323	182.00	0.24
18.60	0.21	16,313	182.00	0.24
18.70	0.21	16,305	182.00	0.23
18.80	0.21	16,297	182.00	0.23
18.90	0.21	16,288	182.00	0.23
19.00	0.21	16,280	182.00	0.23
19.10	0.21	16,270	182.00	0.23
19.20	0.21	16,261	181.99	0.23
19.30	0.20	16,250	181.99	0.23
19.40	0.20	16,240	181.99	0.23
19.50	0.20	16,229	181.99	0.23
19.60	0.20	16,217	181.99	0.23
19.70	0.20	16,205	181.99	0.23
19.80	0.20	16,193	181.98	0.23
19.90	0.20	16,180	181.98	0.23
20.00	0.19	16,167	181.98	0.23
20.10	0.19	16,154	181.98	0.23
20.20	0.19	16,139	181.98	0.23
20.30	0.19	16,125	181.97	0.23
20.40	0.19	16,110	181.97	0.23
20.50	0.19	16,094	181.97	0.23
20.60	0.19	16,078	181.97	0.23
20.70	0.19	16,062	181.96	0.23

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	16,046	181.96	0.23
20.90	0.18	16,029	181.96	0.23
21.00	0.18	16,011	181.96	0.23
21.10	0.18	15,993	181.95	0.23
21.20	0.18	15,975	181.95	0.23
21.30	0.18	15,956	181.95	0.23
21.40	0.18	15,937	181.95	0.23
21.50	0.17	15,917	181.94	0.23
21.60	0.17	15,897	181.94	0.23
21.70	0.17	15,876	181.94	0.23
21.80	0.17	15,855	181.93	0.23
21.90	0.17	15,834	181.93	0.23
22.00	0.17	15,813	181.93	0.23
22.10	0.17	15,790	181.92	0.23
22.20	0.17	15,768	181.92	0.23
22.30	0.16	15,745	181.92	0.23
22.40	0.16	15,722	181.91	0.23
22.50	0.16	15,698	181.91	0.23
22.60	0.16	15,673	181.91	0.23
22.70	0.16	15,649	181.90	0.23
22.80	0.16	15,624	181.90	0.23
22.90	0.16	15,599	181.89	0.23
23.00	0.15	15,573	181.89	0.23
23.10	0.15	15,547	181.89	0.23
23.20	0.15	15,520	181.88	0.23
23.30	0.15	15,493	181.88	0.23
23.40	0.15	15,465	181.87	0.23
23.50	0.15	15,438	181.87	0.23
23.60	0.15	15,410	181.87	0.23
23.70	0.14	15,381	181.86	0.22
23.80	0.14	15,352	181.86	0.22
23.90	0.14	15,323	181.85	0.22
24.00	0.15	15,294	181.85	0.22
24.10	0.13	15,266	181.84	0.22
24.20	0.04	15,213	181.84	0.22
24.30	0.01	15,140	181.82	0.22
24.40	0.00	15,062	181.81	0.22
24.50	0.00	14,982	181.80	0.22
24.60	0.00	14,903	181.79	0.22
24.70	0.00	14,823	181.78	0.22
24.80	0.00	14,745	181.76	0.22
24.90	0.00	14,666	181.75	0.22
25.00	0.00	14,587	181.74	0.22
25.10	0.00	14,509	181.73	0.22
25.20	0.00	14,431	181.72	0.22
25.30	0.00	14,354	181.70	0.22
25.40	0.00	14,276	181.69	0.21
25.50	0.00	14,199	181.68	0.21
25.60	0.00	14,122	181.67	0.21
25.70	0.00	14,046	181.66	0.21
25.80	0.00	13,970	181.64	0.21
25.90	0.00	13,894	181.63	0.21

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,818	181.62	0.21
26.10	0.00	13,742	181.61	0.21
26.20	0.00	13,667	181.60	0.21
26.30	0.00	13,592	181.59	0.21
26.40	0.00	13,518	181.57	0.21
26.50	0.00	13,443	181.56	0.21
26.60	0.00	13,369	181.55	0.21
26.70	0.00	13,296	181.54	0.20
26.80	0.00	13,222	181.53	0.20
26.90	0.00	13,149	181.51	0.20
27.00	0.00	13,076	181.50	0.20
27.10	0.00	13,003	181.49	0.20
27.20	0.00	12,931	181.48	0.20
27.30	0.00	12,859	181.47	0.20
27.40	0.00	12,787	181.46	0.20
27.50	0.00	12,715	181.45	0.20
27.60	0.00	12,644	181.43	0.20
27.70	0.00	12,573	181.42	0.20
27.80	0.00	12,502	181.41	0.20
27.90	0.00	12,432	181.40	0.20
28.00	0.00	12,362	181.39	0.19
28.10	0.00	12,292	181.38	0.19
28.20	0.00	12,222	181.37	0.19
28.30	0.00	12,153	181.35	0.19
28.40	0.00	12,084	181.34	0.19
28.50	0.00	12,015	181.33	0.19
28.60	0.00	11,947	181.32	0.19
28.70	0.00	11,878	181.31	0.19
28.80	0.00	11,810	181.30	0.19
28.90	0.00	11,743	181.29	0.19
29.00	0.00	11,676	181.28	0.19
29.10	0.00	11,609	181.27	0.19
29.20	0.00	11,542	181.25	0.18
29.30	0.00	11,475	181.24	0.18
29.40	0.00	11,409	181.23	0.18
29.50	0.00	11,343	181.22	0.18
29.60	0.00	11,278	181.21	0.18
29.70	0.00	11,212	181.20	0.18
29.80	0.00	11,147	181.19	0.18
29.90	0.00	11,083	181.18	0.18
30.00	0.00	11,018	181.17	0.18
30.10	0.00	10,954	181.16	0.18
30.20	0.00	10,890	181.15	0.18
30.30	0.00	10,827	181.14	0.18
30.40	0.00	10,764	181.12	0.18
30.50	0.00	10,701	181.11	0.17
30.60	0.00	10,638	181.10	0.17
30.70	0.00	10,576	181.09	0.17
30.80	0.00	10,514	181.08	0.17
30.90	0.00	10,452	181.07	0.17
31.00	0.00	10,390	181.06	0.17
31.10	0.00	10,329	181.05	0.17

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,268	181.04	0.17
31.30	0.00	10,208	181.03	0.17
31.40	0.00	10,147	181.02	0.17
31.50	0.00	10,087	181.01	0.17
31.60	0.00	10,028	181.00	0.17
31.70	0.00	9,968	180.99	0.16
31.80	0.00	9,909	180.98	0.16
31.90	0.00	9,850	180.97	0.16
32.00	0.00	9,792	180.96	0.16
32.10	0.00	9,734	180.95	0.16
32.20	0.00	9,676	180.94	0.16
32.30	0.00	9,618	180.93	0.16
32.40	0.00	9,561	180.92	0.16
32.50	0.00	9,504	180.91	0.16
32.60	0.00	9,447	180.90	0.16
32.70	0.00	9,391	180.89	0.16
32.80	0.00	9,335	180.88	0.16
32.90	0.00	9,279	180.87	0.15
33.00	0.00	9,224	180.86	0.15
33.10	0.00	9,168	180.85	0.15
33.20	0.00	9,114	180.84	0.15
33.30	0.00	9,059	180.83	0.15
33.40	0.00	9,005	180.82	0.15
33.50	0.00	8,951	180.81	0.15
33.60	0.00	8,897	180.80	0.15
33.70	0.00	8,844	180.79	0.15
33.80	0.00	8,791	180.78	0.15
33.90	0.00	8,738	180.77	0.15
34.00	0.00	8,686	180.77	0.15
34.10	0.00	8,634	180.76	0.14
34.20	0.00	8,582	180.75	0.14
34.30	0.00	8,530	180.74	0.14
34.40	0.00	8,479	180.73	0.14
34.50	0.00	8,429	180.72	0.14
34.60	0.00	8,378	180.71	0.14
34.70	0.00	8,328	180.70	0.14
34.80	0.00	8,278	180.69	0.14
34.90	0.00	8,228	180.68	0.14
35.00	0.00	8,179	180.68	0.14
35.10	0.00	8,130	180.67	0.14
35.20	0.00	8,081	180.66	0.13
35.30	0.00	8,033	180.65	0.13
35.40	0.00	7,985	180.64	0.13
35.50	0.00	7,937	180.63	0.13
35.60	0.00	7,890	180.62	0.13
35.70	0.00	7,843	180.61	0.13
35.80	0.00	7,796	180.61	0.13
35.90	0.00	7,750	180.60	0.13
36.00	0.00	7,704	180.59	0.13
36.10	0.00	7,658	180.58	0.13
36.20	0.00	7,612	180.57	0.13
36.30	0.00	7,567	180.56	0.13

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,522	180.56	0.12
36.50	0.00	7,478	180.55	0.12
36.60	0.00	7,434	180.54	0.12
36.70	0.00	7,390	180.53	0.12
36.80	0.00	7,346	180.52	0.12
36.90	0.00	7,303	180.52	0.12
37.00	0.00	7,260	180.51	0.12
37.10	0.00	7,217	180.50	0.12
37.20	0.00	7,175	180.49	0.12
37.30	0.00	7,133	180.48	0.12
37.40	0.00	7,092	180.48	0.12
37.50	0.00	7,050	180.47	0.11
37.60	0.00	7,009	180.46	0.11
37.70	0.00	6,969	180.45	0.11
37.80	0.00	6,928	180.45	0.11
37.90	0.00	6,888	180.44	0.11
38.00	0.00	6,849	180.43	0.11
38.10	0.00	6,809	180.42	0.11
38.20	0.00	6,770	180.42	0.11
38.30	0.00	6,731	180.41	0.11
38.40	0.00	6,693	180.40	0.11
38.50	0.00	6,655	180.40	0.11
38.60	0.00	6,617	180.39	0.10
38.70	0.00	6,580	180.38	0.10
38.80	0.00	6,543	180.37	0.10
38.90	0.00	6,506	180.37	0.10
39.00	0.00	6,470	180.36	0.10
39.10	0.00	6,434	180.35	0.10
39.20	0.00	6,398	180.35	0.10
39.30	0.00	6,362	180.34	0.10
39.40	0.00	6,327	180.33	0.10
39.50	0.00	6,293	180.33	0.10
39.60	0.00	6,258	180.32	0.10
39.70	0.00	6,224	180.31	0.09
39.80	0.00	6,190	180.31	0.09
39.90	0.00	6,157	180.30	0.09
40.00	0.00	6,124	180.30	0.09

Stage-Discharge for Pond B-10: Basin #10

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.00	180.04	0.04	180.56	0.12
179.01	0.00	179.53	0.00	180.05	0.04	180.57	0.13
179.02	0.00	179.54	0.00	180.06	0.05	180.58	0.13
179.03	0.00	179.55	0.00	180.07	0.05	180.59	0.13
179.04	0.00	179.56	0.00	180.08	0.05	180.60	0.13
179.05	0.00	179.57	0.00	180.09	0.05	180.61	0.13
179.06	0.00	179.58	0.00	180.10	0.06	180.62	0.13
179.07	0.00	179.59	0.00	180.11	0.06	180.63	0.13
179.08	0.00	179.60	0.00	180.12	0.06	180.64	0.13
179.09	0.00	179.61	0.00	180.13	0.06	180.65	0.13
179.10	0.00	179.62	0.00	180.14	0.06	180.66	0.13
179.11	0.00	179.63	0.00	180.15	0.07	180.67	0.14
179.12	0.00	179.64	0.00	180.16	0.07	180.68	0.14
179.13	0.00	179.65	0.00	180.17	0.07	180.69	0.14
179.14	0.00	179.66	0.00	180.18	0.07	180.70	0.14
179.15	0.00	179.67	0.00	180.19	0.07	180.71	0.14
179.16	0.00	179.68	0.00	180.20	0.08	180.72	0.14
179.17	0.00	179.69	0.00	180.21	0.08	180.73	0.14
179.18	0.00	179.70	0.00	180.22	0.08	180.74	0.14
179.19	0.00	179.71	0.00	180.23	0.08	180.75	0.14
179.20	0.00	179.72	0.00	180.24	0.08	180.76	0.14
179.21	0.00	179.73	0.00	180.25	0.08	180.77	0.15
179.22	0.00	179.74	0.00	180.26	0.09	180.78	0.15
179.23	0.00	179.75	0.00	180.27	0.09	180.79	0.15
179.24	0.00	179.76	0.00	180.28	0.09	180.80	0.15
179.25	0.00	179.77	0.00	180.29	0.09	180.81	0.15
179.26	0.00	179.78	0.00	180.30	0.09	180.82	0.15
179.27	0.00	179.79	0.00	180.31	0.09	180.83	0.15
179.28	0.00	179.80	0.00	180.32	0.10	180.84	0.15
179.29	0.00	179.81	0.00	180.33	0.10	180.85	0.15
179.30	0.00	179.82	0.00	180.34	0.10	180.86	0.15
179.31	0.00	179.83	0.00	180.35	0.10	180.87	0.15
179.32	0.00	179.84	0.00	180.36	0.10	180.88	0.16
179.33	0.00	179.85	0.00	180.37	0.10	180.89	0.16
179.34	0.00	179.86	0.00	180.38	0.10	180.90	0.16
179.35	0.00	179.87	0.00	180.39	0.10	180.91	0.16
179.36	0.00	179.88	0.00	180.40	0.11	180.92	0.16
179.37	0.00	179.89	0.00	180.41	0.11	180.93	0.16
179.38	0.00	179.90	0.00	180.42	0.11	180.94	0.16
179.39	0.00	179.91	0.00	180.43	0.11	180.95	0.16
179.40	0.00	179.92	0.00	180.44	0.11	180.96	0.16
179.41	0.00	179.93	0.00	180.45	0.11	180.97	0.16
179.42	0.00	179.94	0.01	180.46	0.11	180.98	0.16
179.43	0.00	179.95	0.01	180.47	0.11	180.99	0.16
179.44	0.00	179.96	0.01	180.48	0.12	181.00	0.17
179.45	0.00	179.97	0.01	180.49	0.12	181.01	0.17
179.46	0.00	179.98	0.02	180.50	0.12	181.02	0.17
179.47	0.00	179.99	0.02	180.51	0.12	181.03	0.17
179.48	0.00	180.00	0.02	180.52	0.12	181.04	0.17
179.49	0.00	180.01	0.03	180.53	0.12	181.05	0.17
179.50	0.00	180.02	0.03	180.54	0.12	181.06	0.17
179.51	0.00	180.03	0.03	180.55	0.12	181.07	0.17

Stage-Discharge for Pond B-10: Basin #10 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.17	181.60	0.21	182.12	0.78	182.64	6.75
181.09	0.17	181.61	0.21	182.13	0.85	182.65	6.90
181.10	0.17	181.62	0.21	182.14	0.92	182.66	7.05
181.11	0.17	181.63	0.21	182.15	1.00	182.67	7.20
181.12	0.17	181.64	0.21	182.16	1.07	182.68	7.35
181.13	0.18	181.65	0.21	182.17	1.15	182.69	7.51
181.14	0.18	181.66	0.21	182.18	1.23	182.70	7.66
181.15	0.18	181.67	0.21	182.19	1.32	182.71	7.82
181.16	0.18	181.68	0.21	182.20	1.40	182.72	7.97
181.17	0.18	181.69	0.21	182.21	1.49	182.73	8.13
181.18	0.18	181.70	0.22	182.22	1.58	182.74	8.29
181.19	0.18	181.71	0.22	182.23	1.67	182.75	8.45
181.20	0.18	181.72	0.22	182.24	1.77	182.76	8.61
181.21	0.18	181.73	0.22	182.25	1.86	182.77	8.77
181.22	0.18	181.74	0.22	182.26	1.96	182.78	8.93
181.23	0.18	181.75	0.22	182.27	2.06	182.79	9.10
181.24	0.18	181.76	0.22	182.28	2.16	182.80	9.26
181.25	0.18	181.77	0.22	182.29	2.26	182.81	9.43
181.26	0.19	181.78	0.22	182.30	2.37	182.82	9.59
181.27	0.19	181.79	0.22	182.31	2.47	182.83	9.76
181.28	0.19	181.80	0.22	182.32	2.58	182.84	9.92
181.29	0.19	181.81	0.22	182.33	2.69	182.85	10.09
181.30	0.19	181.82	0.22	182.34	2.80	182.86	10.26
181.31	0.19	181.83	0.22	182.35	2.91	182.87	10.43
181.32	0.19	181.84	0.22	182.36	3.03	182.88	10.60
181.33	0.19	181.85	0.22	182.37	3.14	182.89	10.77
181.34	0.19	181.86	0.22	182.38	3.26	182.90	10.95
181.35	0.19	181.87	0.23	182.39	3.38	182.91	11.12
181.36	0.19	181.88	0.23	182.40	3.50	182.92	11.29
181.37	0.19	181.89	0.23	182.41	3.62	182.93	11.47
181.38	0.19	181.90	0.23	182.42	3.74	182.94	11.64
181.39	0.19	181.91	0.23	182.43	3.87	182.95	11.82
181.40	0.20	181.92	0.23	182.44	3.99	182.96	12.11
181.41	0.20	181.93	0.23	182.45	4.12	182.97	12.50
181.42	0.20	181.94	0.23	182.46	4.25	182.98	12.96
181.43	0.20	181.95	0.23	182.47	4.37	182.99	13.47
181.44	0.20	181.96	0.23	182.48	4.50	183.00	14.02
181.45	0.20	181.97	0.23	182.49	4.64		
181.46	0.20	181.98	0.23	182.50	4.77		
181.47	0.20	181.99	0.23	182.51	4.90		
181.48	0.20	182.00	0.23	182.52	5.04		
181.49	0.20	182.01	0.25	182.53	5.18		
181.50	0.20	182.02	0.27	182.54	5.31		
181.51	0.20	182.03	0.30	182.55	5.45		
181.52	0.20	182.04	0.34	182.56	5.59		
181.53	0.20	182.05	0.38	182.57	5.73		
181.54	0.20	182.06	0.43	182.58	5.87		
181.55	0.21	182.07	0.48	182.59	6.02		
181.56	0.21	182.08	0.53	182.60	6.16		
181.57	0.21	182.09	0.59	182.61	6.31		
181.58	0.21	182.10	0.65	182.62	6.45		
181.59	0.21	182.11	0.71	182.63	6.60		

Stage-Area-Storage for Pond B-10: Basin #10

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	4,220	0	179.52	4,627	2,300
179.01	4,228	42	179.53	4,635	2,347
179.02	4,236	85	179.54	4,643	2,393
179.03	4,243	127	179.55	4,651	2,439
179.04	4,251	169	179.56	4,658	2,486
179.05	4,259	212	179.57	4,666	2,533
179.06	4,267	255	179.58	4,674	2,579
179.07	4,275	297	179.59	4,682	2,626
179.08	4,283	340	179.60	4,690	2,673
179.09	4,290	383	179.61	4,698	2,720
179.10	4,298	426	179.62	4,705	2,767
179.11	4,306	469	179.63	4,713	2,814
179.12	4,314	512	179.64	4,721	2,861
179.13	4,322	555	179.65	4,729	2,908
179.14	4,330	598	179.66	4,737	2,956
179.15	4,337	642	179.67	4,745	3,003
179.16	4,345	685	179.68	4,752	3,051
179.17	4,353	729	179.69	4,760	3,098
179.18	4,361	772	179.70	4,768	3,146
179.19	4,369	816	179.71	4,776	3,194
179.20	4,377	860	179.72	4,784	3,241
179.21	4,384	903	179.73	4,792	3,289
179.22	4,392	947	179.74	4,799	3,337
179.23	4,400	991	179.75	4,807	3,385
179.24	4,408	1,035	179.76	4,815	3,433
179.25	4,416	1,079	179.77	4,823	3,482
179.26	4,424	1,124	179.78	4,831	3,530
179.27	4,431	1,168	179.79	4,839	3,578
179.28	4,439	1,212	179.80	4,846	3,627
179.29	4,447	1,257	179.81	4,854	3,675
179.30	4,455	1,301	179.82	4,862	3,724
179.31	4,463	1,346	179.83	4,870	3,772
179.32	4,471	1,390	179.84	4,878	3,821
179.33	4,478	1,435	179.85	4,886	3,870
179.34	4,486	1,480	179.86	4,893	3,919
179.35	4,494	1,525	179.87	4,901	3,968
179.36	4,502	1,570	179.88	4,909	4,017
179.37	4,510	1,615	179.89	4,917	4,066
179.38	4,518	1,660	179.90	4,925	4,115
179.39	4,525	1,705	179.91	4,933	4,164
179.40	4,533	1,751	179.92	4,940	4,214
179.41	4,541	1,796	179.93	4,948	4,263
179.42	4,549	1,841	179.94	4,956	4,313
179.43	4,557	1,887	179.95	4,964	4,362
179.44	4,565	1,933	179.96	4,972	4,412
179.45	4,572	1,978	179.97	4,980	4,462
179.46	4,580	2,024	179.98	4,987	4,512
179.47	4,588	2,070	179.99	4,995	4,562
179.48	4,596	2,116	180.00	5,003	4,612
179.49	4,604	2,162	180.01	5,011	4,662
179.50	4,612	2,208	180.02	5,020	4,712
179.51	4,619	2,254	180.03	5,028	4,762

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	5,036	4,812	180.56	5,468	7,543
180.05	5,045	4,863	180.57	5,476	7,598
180.06	5,053	4,913	180.58	5,484	7,653
180.07	5,061	4,964	180.59	5,493	7,708
180.08	5,069	5,014	180.60	5,501	7,763
180.09	5,078	5,065	180.61	5,509	7,818
180.10	5,086	5,116	180.62	5,518	7,873
180.11	5,094	5,167	180.63	5,526	7,928
180.12	5,103	5,218	180.64	5,534	7,983
180.13	5,111	5,269	180.65	5,543	8,039
180.14	5,119	5,320	180.66	5,551	8,094
180.15	5,128	5,371	180.67	5,559	8,150
180.16	5,136	5,423	180.68	5,567	8,205
180.17	5,144	5,474	180.69	5,576	8,261
180.18	5,152	5,525	180.70	5,584	8,317
180.19	5,161	5,577	180.71	5,592	8,373
180.20	5,169	5,629	180.72	5,601	8,429
180.21	5,177	5,680	180.73	5,609	8,485
180.22	5,186	5,732	180.74	5,617	8,541
180.23	5,194	5,784	180.75	5,626	8,597
180.24	5,202	5,836	180.76	5,634	8,653
180.25	5,211	5,888	180.77	5,642	8,710
180.26	5,219	5,940	180.78	5,650	8,766
180.27	5,227	5,993	180.79	5,659	8,823
180.28	5,235	6,045	180.80	5,667	8,880
180.29	5,244	6,097	180.81	5,675	8,936
180.30	5,252	6,150	180.82	5,684	8,993
180.31	5,260	6,202	180.83	5,692	9,050
180.32	5,269	6,255	180.84	5,700	9,107
180.33	5,277	6,308	180.85	5,708	9,164
180.34	5,285	6,360	180.86	5,717	9,221
180.35	5,293	6,413	180.87	5,725	9,278
180.36	5,302	6,466	180.88	5,733	9,336
180.37	5,310	6,519	180.89	5,742	9,393
180.38	5,318	6,573	180.90	5,750	9,450
180.39	5,327	6,626	180.91	5,758	9,508
180.40	5,335	6,679	180.92	5,767	9,566
180.41	5,343	6,732	180.93	5,775	9,623
180.42	5,352	6,786	180.94	5,783	9,681
180.43	5,360	6,840	180.95	5,791	9,739
180.44	5,368	6,893	180.96	5,800	9,797
180.45	5,376	6,947	180.97	5,808	9,855
180.46	5,385	7,001	180.98	5,816	9,913
180.47	5,393	7,055	180.99	5,825	9,971
180.48	5,401	7,109	181.00	5,833	10,030
180.49	5,410	7,163	181.01	5,842	10,088
180.50	5,418	7,217	181.02	5,851	10,146
180.51	5,426	7,271	181.03	5,859	10,205
180.52	5,435	7,325	181.04	5,868	10,264
180.53	5,443	7,380	181.05	5,877	10,322
180.54	5,451	7,434	181.06	5,886	10,381
180.55	5,460	7,489	181.07	5,894	10,440

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	5,903	10,499	181.60	6,359	13,687
181.09	5,912	10,558	181.61	6,368	13,751
181.10	5,921	10,617	181.62	6,377	13,815
181.11	5,929	10,676	181.63	6,386	13,878
181.12	5,938	10,736	181.64	6,394	13,942
181.13	5,947	10,795	181.65	6,403	14,006
181.14	5,956	10,855	181.66	6,412	14,070
181.15	5,965	10,914	181.67	6,421	14,134
181.16	5,973	10,974	181.68	6,429	14,199
181.17	5,982	11,034	181.69	6,438	14,263
181.18	5,991	11,094	181.70	6,447	14,327
181.19	6,000	11,154	181.71	6,456	14,392
181.20	6,008	11,214	181.72	6,464	14,457
181.21	6,017	11,274	181.73	6,473	14,521
181.22	6,026	11,334	181.74	6,482	14,586
181.23	6,035	11,394	181.75	6,491	14,651
181.24	6,043	11,455	181.76	6,500	14,716
181.25	6,052	11,515	181.77	6,508	14,781
181.26	6,061	11,576	181.78	6,517	14,846
181.27	6,070	11,636	181.79	6,526	14,911
181.28	6,079	11,697	181.80	6,535	14,977
181.29	6,087	11,758	181.81	6,543	15,042
181.30	6,096	11,819	181.82	6,552	15,107
181.31	6,105	11,880	181.83	6,561	15,173
181.32	6,114	11,941	181.84	6,570	15,239
181.33	6,122	12,002	181.85	6,578	15,304
181.34	6,131	12,063	181.86	6,587	15,370
181.35	6,140	12,125	181.87	6,596	15,436
181.36	6,149	12,186	181.88	6,605	15,502
181.37	6,157	12,248	181.89	6,614	15,568
181.38	6,166	12,309	181.90	6,622	15,634
181.39	6,175	12,371	181.91	6,631	15,701
181.40	6,184	12,433	181.92	6,640	15,767
181.41	6,193	12,495	181.93	6,649	15,833
181.42	6,201	12,557	181.94	6,657	15,900
181.43	6,210	12,619	181.95	6,666	15,967
181.44	6,219	12,681	181.96	6,675	16,033
181.45	6,228	12,743	181.97	6,684	16,100
181.46	6,236	12,805	181.98	6,692	16,167
181.47	6,245	12,868	181.99	6,701	16,234
181.48	6,254	12,930	182.00	6,710	16,301
181.49	6,263	12,993	182.01	6,719	16,368
181.50	6,272	13,056	182.02	6,728	16,435
181.51	6,280	13,118	182.03	6,738	16,503
181.52	6,289	13,181	182.04	6,747	16,570
181.53	6,298	13,244	182.05	6,756	16,638
181.54	6,307	13,307	182.06	6,765	16,705
181.55	6,315	13,370	182.07	6,775	16,773
181.56	6,324	13,433	182.08	6,784	16,841
181.57	6,333	13,497	182.09	6,793	16,909
181.58	6,342	13,560	182.10	6,802	16,977
181.59	6,350	13,624	182.11	6,812	17,045

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	6,821	17,113	182.64	7,301	20,784
182.13	6,830	17,181	182.65	7,310	20,857
182.14	6,839	17,249	182.66	7,319	20,931
182.15	6,848	17,318	182.67	7,328	21,004
182.16	6,858	17,386	182.68	7,338	21,077
182.17	6,867	17,455	182.69	7,347	21,151
182.18	6,876	17,524	182.70	7,356	21,224
182.19	6,885	17,593	182.71	7,365	21,298
182.20	6,895	17,661	182.72	7,375	21,371
182.21	6,904	17,730	182.73	7,384	21,445
182.22	6,913	17,800	182.74	7,393	21,519
182.23	6,922	17,869	182.75	7,402	21,593
182.24	6,932	17,938	182.76	7,411	21,667
182.25	6,941	18,007	182.77	7,421	21,741
182.26	6,950	18,077	182.78	7,430	21,816
182.27	6,959	18,146	182.79	7,439	21,890
182.28	6,968	18,216	182.80	7,448	21,964
182.29	6,978	18,286	182.81	7,458	22,039
182.30	6,987	18,356	182.82	7,467	22,114
182.31	6,996	18,425	182.83	7,476	22,188
182.32	7,005	18,495	182.84	7,485	22,263
182.33	7,015	18,566	182.85	7,495	22,338
182.34	7,024	18,636	182.86	7,504	22,413
182.35	7,033	18,706	182.87	7,513	22,488
182.36	7,042	18,776	182.88	7,522	22,563
182.37	7,052	18,847	182.89	7,531	22,638
182.38	7,061	18,917	182.90	7,541	22,714
182.39	7,070	18,988	182.91	7,550	22,789
182.40	7,079	19,059	182.92	7,559	22,865
182.41	7,088	19,130	182.93	7,568	22,940
182.42	7,098	19,201	182.94	7,578	23,016
182.43	7,107	19,272	182.95	7,587	23,092
182.44	7,116	19,343	182.96	7,596	23,168
182.45	7,125	19,414	182.97	7,605	23,244
182.46	7,135	19,485	182.98	7,615	23,320
182.47	7,144	19,557	182.99	7,624	23,396
182.48	7,153	19,628	183.00	7,633	23,473
182.49	7,162	19,700			
182.50	7,172	19,771			
182.51	7,181	19,843			
182.52	7,190	19,915			
182.53	7,199	19,987			
182.54	7,208	20,059			
182.55	7,218	20,131			
182.56	7,227	20,203			
182.57	7,236	20,276			
182.58	7,245	20,348			
182.59	7,255	20,421			
182.60	7,264	20,493			
182.61	7,273	20,566			
182.62	7,282	20,639			
182.63	7,291	20,711			

Summary for Pond B-11: Basin #11

Inflow Area = 2.228 ac, 58.53% Impervious, Inflow Depth = 7.01" for Current 100 yr event
 Inflow = 15.45 cfs @ 12.17 hrs, Volume= 1.301 af
 Outflow = 11.10 cfs @ 12.27 hrs, Volume= 1.131 af, Atten= 28%, Lag= 5.9 min
 Primary = 11.10 cfs @ 12.27 hrs, Volume= 1.131 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.66' @ 12.27 hrs Surf.Area= 7,711 sf Storage= 22,686 cf

Plug-Flow detention time= 328.2 min calculated for 1.131 af (87% of inflow)
 Center-of-Mass det. time= 265.3 min (1,034.1 - 768.8)

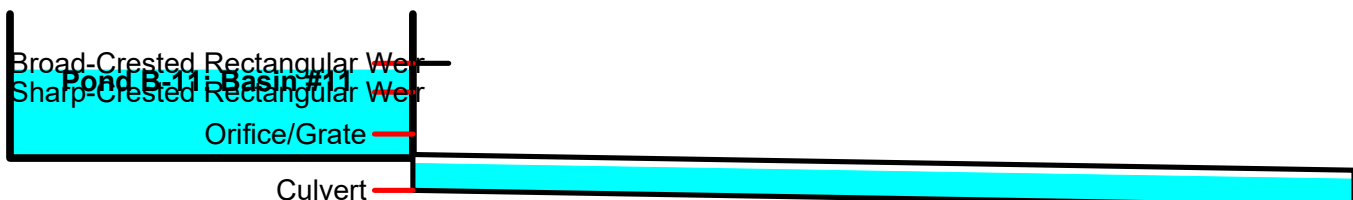
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	43,224 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	4,780	0	0
181.00	5,522	5,151	5,151
182.00	6,306	5,914	11,065
183.00	7,135	6,721	17,786
184.00	8,007	7,571	25,357
185.00	8,923	8,465	33,822
186.00	9,882	9,403	43,224

Device	Routing	Invert	Outlet Devices
#1	Primary	178.65'	18.0" Round Culvert L= 131.0' Ke= 0.500 Inlet / Outlet Invert= 178.65' / 178.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	183.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

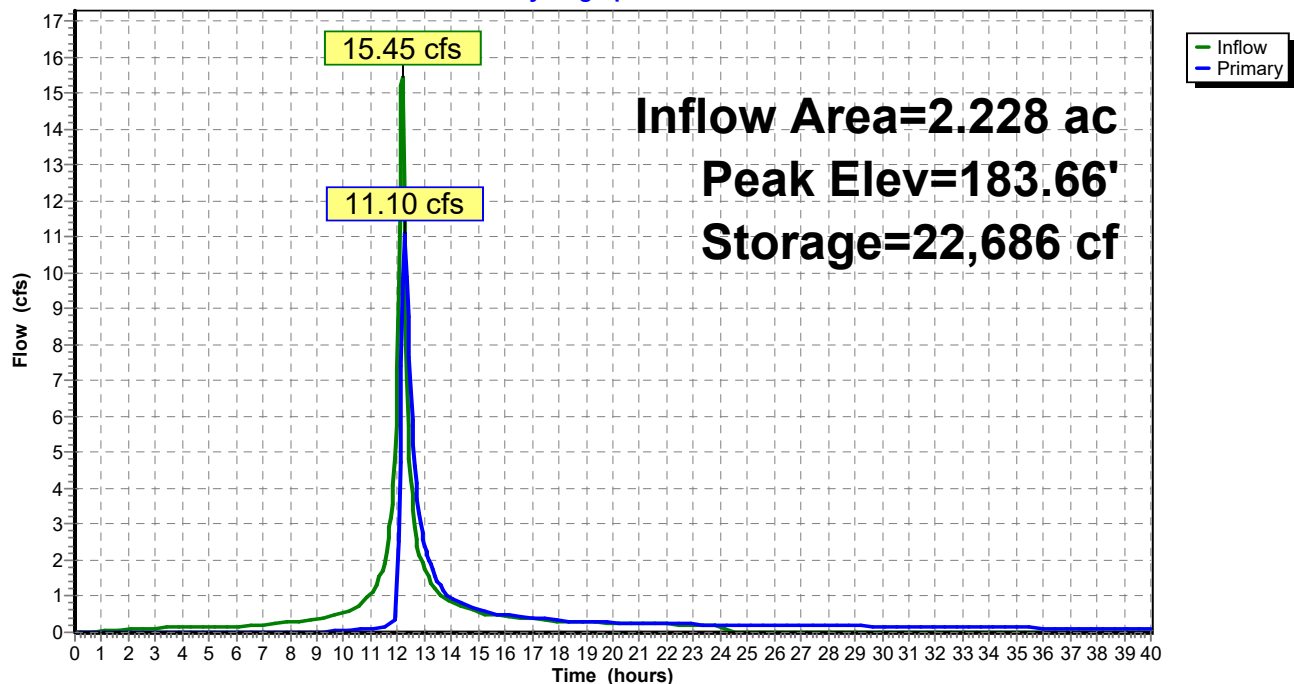
Primary OutFlow Max=10.94 cfs @ 12.27 hrs HW=183.65' (Free Discharge)

1=Culvert (Passes 10.94 cfs of 14.64 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.68 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 10.68 cfs @ 3.10 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-11: Basin #11

Hydrograph



Hydrograph for Pond B-11: Basin #11

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.01	3	180.00	0.00
0.80	0.02	8	180.00	0.00
0.90	0.03	17	180.00	0.00
1.00	0.03	28	180.01	0.00
1.10	0.04	41	180.01	0.00
1.20	0.05	57	180.01	0.00
1.30	0.05	76	180.02	0.00
1.40	0.06	96	180.02	0.00
1.50	0.06	118	180.02	0.00
1.60	0.07	142	180.03	0.00
1.70	0.07	167	180.03	0.00
1.80	0.08	194	180.04	0.00
1.90	0.08	223	180.05	0.00
2.00	0.09	253	180.05	0.00
2.10	0.09	284	180.06	0.00
2.20	0.09	316	180.07	0.00
2.30	0.09	350	180.07	0.00
2.40	0.10	384	180.08	0.00
2.50	0.10	420	180.09	0.00
2.60	0.10	457	180.09	0.00
2.70	0.11	495	180.10	0.00
2.80	0.11	533	180.11	0.00
2.90	0.11	573	180.12	0.00
3.00	0.11	614	180.13	0.00
3.10	0.12	655	180.14	0.00
3.20	0.12	697	180.14	0.00
3.30	0.12	740	180.15	0.00
3.40	0.12	784	180.16	0.00
3.50	0.13	829	180.17	0.00
3.60	0.13	874	180.18	0.00
3.70	0.13	920	180.19	0.00
3.80	0.13	967	180.20	0.00
3.90	0.13	1,015	180.21	0.00
4.00	0.13	1,063	180.22	0.00
4.10	0.14	1,111	180.23	0.00
4.20	0.14	1,161	180.24	0.00
4.30	0.14	1,211	180.25	0.00
4.40	0.14	1,262	180.26	0.00
4.50	0.14	1,313	180.27	0.00
4.60	0.15	1,365	180.28	0.00
4.70	0.15	1,418	180.29	0.00
4.80	0.15	1,471	180.30	0.00
4.90	0.15	1,524	180.31	0.00
5.00	0.15	1,579	180.32	0.00
5.10	0.15	1,633	180.33	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,689	180.34	0.00
5.30	0.16	1,745	180.36	0.00
5.40	0.16	1,801	180.37	0.00
5.50	0.16	1,858	180.38	0.00
5.60	0.16	1,916	180.39	0.00
5.70	0.16	1,974	180.40	0.00
5.80	0.16	2,032	180.41	0.00
5.90	0.16	2,091	180.42	0.00
6.00	0.17	2,151	180.44	0.00
6.10	0.17	2,211	180.45	0.00
6.20	0.17	2,272	180.46	0.00
6.30	0.18	2,335	180.47	0.00
6.40	0.18	2,400	180.48	0.00
6.50	0.19	2,466	180.50	0.00
6.60	0.19	2,534	180.51	0.00
6.70	0.20	2,605	180.52	0.00
6.80	0.20	2,677	180.54	0.00
6.90	0.21	2,752	180.55	0.00
7.00	0.22	2,829	180.57	0.00
7.10	0.22	2,908	180.58	0.00
7.20	0.23	2,989	180.60	0.00
7.30	0.23	3,072	180.61	0.00
7.40	0.24	3,158	180.63	0.00
7.50	0.25	3,246	180.65	0.00
7.60	0.25	3,336	180.66	0.00
7.70	0.26	3,429	180.68	0.00
7.80	0.27	3,524	180.70	0.00
7.90	0.27	3,621	180.72	0.00
8.00	0.28	3,721	180.74	0.00
8.10	0.29	3,823	180.76	0.00
8.20	0.29	3,927	180.77	0.00
8.30	0.30	4,034	180.79	0.00
8.40	0.31	4,144	180.82	0.00
8.50	0.31	4,255	180.84	0.00
8.60	0.32	4,370	180.86	0.00
8.70	0.33	4,487	180.88	0.00
8.80	0.34	4,606	180.90	0.00
8.90	0.34	4,728	180.92	0.00
9.00	0.35	4,853	180.95	0.00
9.10	0.36	4,980	180.97	0.00
9.20	0.38	5,113	180.99	0.00
9.30	0.40	5,253	181.02	0.00
9.40	0.42	5,400	181.04	0.01
9.50	0.44	5,553	181.07	0.01
9.60	0.47	5,712	181.10	0.02
9.70	0.49	5,876	181.13	0.03
9.80	0.51	6,045	181.16	0.04
9.90	0.54	6,218	181.19	0.05
10.00	0.56	6,397	181.22	0.06
10.10	0.59	6,582	181.25	0.06
10.20	0.61	6,773	181.29	0.07
10.30	0.64	6,971	181.32	0.08

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.66	7,175	181.36	0.08
10.50	0.69	7,387	181.39	0.09
10.60	0.73	7,607	181.43	0.09
10.70	0.80	7,846	181.47	0.10
10.80	0.88	8,112	181.52	0.11
10.90	0.97	8,407	181.57	0.11
11.00	1.06	8,733	181.62	0.12
11.10	1.18	9,091	181.68	0.12
11.20	1.33	9,495	181.75	0.13
11.30	1.50	9,955	181.82	0.14
11.40	1.67	10,474	181.91	0.15
11.50	1.84	11,053	182.00	0.16
11.60	2.23	11,715	182.10	0.16
11.70	2.94	12,590	182.24	0.17
11.80	3.56	13,683	182.40	0.19
11.90	4.81	15,102	182.62	0.20
12.00	7.29	17,083	182.90	0.99
12.10	12.35	19,572	183.25	4.71
12.20	14.89	22,117	183.59	9.84
12.30	8.98	22,558	183.64	10.82
12.40	5.76	21,617	183.52	8.76
12.50	4.22	20,614	183.39	6.69
12.60	3.42	19,859	183.29	5.24
12.70	2.58	19,247	183.20	4.13
12.80	2.22	18,770	183.14	3.32
12.90	2.00	18,433	183.09	2.79
13.00	1.80	18,184	183.06	2.41
13.10	1.61	17,984	183.03	2.12
13.20	1.44	17,812	183.00	1.88
13.30	1.32	17,668	182.98	1.69
13.40	1.21	17,545	182.97	1.53
13.50	1.11	17,437	182.95	1.40
13.60	1.01	17,339	182.94	1.27
13.70	0.93	17,247	182.92	1.17
13.80	0.88	17,167	182.91	1.08
13.90	0.85	17,102	182.90	1.01
14.00	0.83	17,051	182.90	0.96
14.10	0.80	17,008	182.89	0.91
14.20	0.77	16,971	182.89	0.87
14.30	0.75	16,939	182.88	0.83
14.40	0.72	16,908	182.88	0.80
14.50	0.69	16,878	182.87	0.78
14.60	0.67	16,848	182.87	0.75
14.70	0.64	16,817	182.86	0.72
14.80	0.61	16,787	182.86	0.70
14.90	0.59	16,757	182.85	0.67
15.00	0.56	16,726	182.85	0.64
15.10	0.53	16,696	182.85	0.62
15.20	0.51	16,666	182.84	0.59
15.30	0.50	16,639	182.84	0.57
15.40	0.49	16,617	182.83	0.55
15.50	0.48	16,599	182.83	0.53

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	16,583	182.83	0.52
15.70	0.47	16,569	182.83	0.50
15.80	0.46	16,557	182.83	0.49
15.90	0.45	16,546	182.82	0.48
16.00	0.45	16,536	182.82	0.48
16.10	0.44	16,526	182.82	0.47
16.20	0.43	16,517	182.82	0.46
16.30	0.43	16,509	182.82	0.45
16.40	0.42	16,499	182.82	0.45
16.50	0.41	16,489	182.82	0.44
16.60	0.41	16,478	182.81	0.44
16.70	0.40	16,467	182.81	0.43
16.80	0.39	16,455	182.81	0.42
16.90	0.38	16,444	182.81	0.42
17.00	0.38	16,432	182.81	0.41
17.10	0.37	16,420	182.81	0.40
17.20	0.36	16,408	182.80	0.40
17.30	0.36	16,396	182.80	0.39
17.40	0.35	16,383	182.80	0.38
17.50	0.34	16,370	182.80	0.38
17.60	0.33	16,358	182.80	0.37
17.70	0.33	16,345	182.80	0.36
17.80	0.32	16,333	182.79	0.36
17.90	0.31	16,320	182.79	0.35
18.00	0.31	16,307	182.79	0.34
18.10	0.30	16,295	182.79	0.33
18.20	0.29	16,282	182.79	0.33
18.30	0.29	16,270	182.78	0.32
18.40	0.29	16,260	182.78	0.31
18.50	0.29	16,251	182.78	0.31
18.60	0.28	16,243	182.78	0.31
18.70	0.28	16,236	182.78	0.30
18.80	0.28	16,229	182.78	0.30
18.90	0.28	16,223	182.78	0.29
19.00	0.28	16,218	182.78	0.29
19.10	0.28	16,213	182.78	0.29
19.20	0.27	16,208	182.78	0.29
19.30	0.27	16,204	182.78	0.28
19.40	0.27	16,200	182.77	0.28
19.50	0.27	16,196	182.77	0.28
19.60	0.27	16,192	182.77	0.28
19.70	0.26	16,188	182.77	0.27
19.80	0.26	16,184	182.77	0.27
19.90	0.26	16,181	182.77	0.27
20.00	0.26	16,178	182.77	0.27
20.10	0.26	16,174	182.77	0.27
20.20	0.26	16,171	182.77	0.27
20.30	0.25	16,167	182.77	0.26
20.40	0.25	16,164	182.77	0.26
20.50	0.25	16,161	182.77	0.26
20.60	0.25	16,157	182.77	0.26
20.70	0.25	16,154	182.77	0.26

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	16,151	182.77	0.25
20.90	0.24	16,148	182.77	0.25
21.00	0.24	16,144	182.77	0.25
21.10	0.24	16,141	182.77	0.25
21.20	0.24	16,138	182.77	0.25
21.30	0.24	16,135	182.77	0.25
21.40	0.24	16,132	182.76	0.24
21.50	0.23	16,128	182.76	0.24
21.60	0.23	16,125	182.76	0.24
21.70	0.23	16,122	182.76	0.24
21.80	0.23	16,119	182.76	0.24
21.90	0.23	16,115	182.76	0.23
22.00	0.22	16,112	182.76	0.23
22.10	0.22	16,109	182.76	0.23
22.20	0.22	16,106	182.76	0.23
22.30	0.22	16,103	182.76	0.23
22.40	0.22	16,099	182.76	0.23
22.50	0.21	16,096	182.76	0.22
22.60	0.21	16,093	182.76	0.22
22.70	0.21	16,089	182.76	0.22
22.80	0.21	16,085	182.76	0.22
22.90	0.21	16,080	182.76	0.22
23.00	0.21	16,075	182.76	0.22
23.10	0.20	16,070	182.76	0.22
23.20	0.20	16,064	182.76	0.22
23.30	0.20	16,059	182.75	0.22
23.40	0.20	16,053	182.75	0.22
23.50	0.20	16,047	182.75	0.21
23.60	0.19	16,040	182.75	0.21
23.70	0.19	16,034	182.75	0.21
23.80	0.19	16,027	182.75	0.21
23.90	0.19	16,020	182.75	0.21
24.00	0.20	16,013	182.75	0.21
24.10	0.17	16,008	182.75	0.21
24.20	0.05	15,969	182.74	0.21
24.30	0.01	15,903	182.73	0.21
24.40	0.00	15,830	182.72	0.21
24.50	0.00	15,755	182.71	0.21
24.60	0.00	15,681	182.70	0.21
24.70	0.00	15,606	182.69	0.21
24.80	0.00	15,532	182.68	0.21
24.90	0.00	15,458	182.67	0.21
25.00	0.00	15,384	182.66	0.20
25.10	0.00	15,311	182.65	0.20
25.20	0.00	15,238	182.64	0.20
25.30	0.00	15,165	182.62	0.20
25.40	0.00	15,092	182.61	0.20
25.50	0.00	15,019	182.60	0.20
25.60	0.00	14,947	182.59	0.20
25.70	0.00	14,875	182.58	0.20
25.80	0.00	14,803	182.57	0.20
25.90	0.00	14,732	182.56	0.20

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,661	182.55	0.20
26.10	0.00	14,590	182.54	0.20
26.20	0.00	14,519	182.53	0.20
26.30	0.00	14,449	182.52	0.20
26.40	0.00	14,379	182.51	0.19
26.50	0.00	14,309	182.50	0.19
26.60	0.00	14,239	182.49	0.19
26.70	0.00	14,170	182.48	0.19
26.80	0.00	14,101	182.47	0.19
26.90	0.00	14,032	182.46	0.19
27.00	0.00	13,963	182.45	0.19
27.10	0.00	13,895	182.44	0.19
27.20	0.00	13,827	182.43	0.19
27.30	0.00	13,759	182.42	0.19
27.40	0.00	13,692	182.41	0.19
27.50	0.00	13,624	182.40	0.19
27.60	0.00	13,557	182.39	0.19
27.70	0.00	13,491	182.38	0.19
27.80	0.00	13,424	182.37	0.18
27.90	0.00	13,358	182.36	0.18
28.00	0.00	13,292	182.35	0.18
28.10	0.00	13,226	182.34	0.18
28.20	0.00	13,161	182.33	0.18
28.30	0.00	13,096	182.32	0.18
28.40	0.00	13,031	182.31	0.18
28.50	0.00	12,966	182.30	0.18
28.60	0.00	12,902	182.29	0.18
28.70	0.00	12,838	182.28	0.18
28.80	0.00	12,774	182.27	0.18
28.90	0.00	12,710	182.26	0.18
29.00	0.00	12,647	182.25	0.18
29.10	0.00	12,584	182.24	0.17
29.20	0.00	12,521	182.23	0.17
29.30	0.00	12,459	182.22	0.17
29.40	0.00	12,396	182.21	0.17
29.50	0.00	12,334	182.20	0.17
29.60	0.00	12,273	182.19	0.17
29.70	0.00	12,211	182.18	0.17
29.80	0.00	12,150	182.17	0.17
29.90	0.00	12,089	182.16	0.17
30.00	0.00	12,029	182.15	0.17
30.10	0.00	11,968	182.14	0.17
30.20	0.00	11,908	182.13	0.17
30.30	0.00	11,849	182.12	0.17
30.40	0.00	11,789	182.11	0.16
30.50	0.00	11,730	182.10	0.16
30.60	0.00	11,671	182.10	0.16
30.70	0.00	11,612	182.09	0.16
30.80	0.00	11,554	182.08	0.16
30.90	0.00	11,496	182.07	0.16
31.00	0.00	11,438	182.06	0.16
31.10	0.00	11,380	182.05	0.16

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,323	182.04	0.16
31.30	0.00	11,266	182.03	0.16
31.40	0.00	11,209	182.02	0.16
31.50	0.00	11,153	182.01	0.16
31.60	0.00	11,096	182.00	0.16
31.70	0.00	11,040	182.00	0.16
31.80	0.00	10,985	181.99	0.15
31.90	0.00	10,929	181.98	0.15
32.00	0.00	10,874	181.97	0.15
32.10	0.00	10,819	181.96	0.15
32.20	0.00	10,765	181.95	0.15
32.30	0.00	10,711	181.94	0.15
32.40	0.00	10,657	181.93	0.15
32.50	0.00	10,603	181.93	0.15
32.60	0.00	10,549	181.92	0.15
32.70	0.00	10,496	181.91	0.15
32.80	0.00	10,443	181.90	0.15
32.90	0.00	10,391	181.89	0.15
33.00	0.00	10,339	181.88	0.14
33.10	0.00	10,287	181.88	0.14
33.20	0.00	10,235	181.87	0.14
33.30	0.00	10,183	181.86	0.14
33.40	0.00	10,132	181.85	0.14
33.50	0.00	10,081	181.84	0.14
33.60	0.00	10,031	181.83	0.14
33.70	0.00	9,980	181.83	0.14
33.80	0.00	9,930	181.82	0.14
33.90	0.00	9,880	181.81	0.14
34.00	0.00	9,831	181.80	0.14
34.10	0.00	9,782	181.79	0.14
34.20	0.00	9,733	181.79	0.14
34.30	0.00	9,684	181.78	0.13
34.40	0.00	9,636	181.77	0.13
34.50	0.00	9,588	181.76	0.13
34.60	0.00	9,540	181.75	0.13
34.70	0.00	9,492	181.75	0.13
34.80	0.00	9,445	181.74	0.13
34.90	0.00	9,398	181.73	0.13
35.00	0.00	9,352	181.72	0.13
35.10	0.00	9,305	181.72	0.13
35.20	0.00	9,259	181.71	0.13
35.30	0.00	9,214	181.70	0.13
35.40	0.00	9,168	181.69	0.13
35.50	0.00	9,123	181.69	0.13
35.60	0.00	9,078	181.68	0.12
35.70	0.00	9,033	181.67	0.12
35.80	0.00	8,989	181.66	0.12
35.90	0.00	8,945	181.66	0.12
36.00	0.00	8,901	181.65	0.12
36.10	0.00	8,858	181.64	0.12
36.20	0.00	8,815	181.63	0.12
36.30	0.00	8,772	181.63	0.12

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,729	181.62	0.12
36.50	0.00	8,687	181.61	0.12
36.60	0.00	8,645	181.61	0.12
36.70	0.00	8,603	181.60	0.12
36.80	0.00	8,562	181.59	0.11
36.90	0.00	8,520	181.59	0.11
37.00	0.00	8,480	181.58	0.11
37.10	0.00	8,439	181.57	0.11
37.20	0.00	8,399	181.57	0.11
37.30	0.00	8,359	181.56	0.11
37.40	0.00	8,319	181.55	0.11
37.50	0.00	8,280	181.55	0.11
37.60	0.00	8,241	181.54	0.11
37.70	0.00	8,202	181.53	0.11
37.80	0.00	8,163	181.53	0.11
37.90	0.00	8,125	181.52	0.11
38.00	0.00	8,087	181.51	0.10
38.10	0.00	8,050	181.51	0.10
38.20	0.00	8,012	181.50	0.10
38.30	0.00	7,975	181.49	0.10
38.40	0.00	7,939	181.49	0.10
38.50	0.00	7,902	181.48	0.10
38.60	0.00	7,866	181.48	0.10
38.70	0.00	7,830	181.47	0.10
38.80	0.00	7,795	181.46	0.10
38.90	0.00	7,759	181.46	0.10
39.00	0.00	7,724	181.45	0.10
39.10	0.00	7,690	181.45	0.10
39.20	0.00	7,655	181.44	0.10
39.30	0.00	7,621	181.43	0.09
39.40	0.00	7,588	181.43	0.09
39.50	0.00	7,554	181.42	0.09
39.60	0.00	7,521	181.42	0.09
39.70	0.00	7,488	181.41	0.09
39.80	0.00	7,456	181.41	0.09
39.90	0.00	7,423	181.40	0.09
40.00	0.00	7,391	181.39	0.09

Stage-Discharge for Pond B-11: Basin #11

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.11
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.11
180.02	0.00	180.54	0.00	181.06	0.01	181.58	0.11
180.03	0.00	180.55	0.00	181.07	0.01	181.59	0.11
180.04	0.00	180.56	0.00	181.08	0.01	181.60	0.12
180.05	0.00	180.57	0.00	181.09	0.01	181.61	0.12
180.06	0.00	180.58	0.00	181.10	0.02	181.62	0.12
180.07	0.00	180.59	0.00	181.11	0.02	181.63	0.12
180.08	0.00	180.60	0.00	181.12	0.02	181.64	0.12
180.09	0.00	180.61	0.00	181.13	0.03	181.65	0.12
180.10	0.00	180.62	0.00	181.14	0.03	181.66	0.12
180.11	0.00	180.63	0.00	181.15	0.03	181.67	0.12
180.12	0.00	180.64	0.00	181.16	0.04	181.68	0.12
180.13	0.00	180.65	0.00	181.17	0.04	181.69	0.13
180.14	0.00	180.66	0.00	181.18	0.05	181.70	0.13
180.15	0.00	180.67	0.00	181.19	0.05	181.71	0.13
180.16	0.00	180.68	0.00	181.20	0.05	181.72	0.13
180.17	0.00	180.69	0.00	181.21	0.05	181.73	0.13
180.18	0.00	180.70	0.00	181.22	0.06	181.74	0.13
180.19	0.00	180.71	0.00	181.23	0.06	181.75	0.13
180.20	0.00	180.72	0.00	181.24	0.06	181.76	0.13
180.21	0.00	180.73	0.00	181.25	0.06	181.77	0.13
180.22	0.00	180.74	0.00	181.26	0.06	181.78	0.13
180.23	0.00	180.75	0.00	181.27	0.07	181.79	0.14
180.24	0.00	180.76	0.00	181.28	0.07	181.80	0.14
180.25	0.00	180.77	0.00	181.29	0.07	181.81	0.14
180.26	0.00	180.78	0.00	181.30	0.07	181.82	0.14
180.27	0.00	180.79	0.00	181.31	0.07	181.83	0.14
180.28	0.00	180.80	0.00	181.32	0.08	181.84	0.14
180.29	0.00	180.81	0.00	181.33	0.08	181.85	0.14
180.30	0.00	180.82	0.00	181.34	0.08	181.86	0.14
180.31	0.00	180.83	0.00	181.35	0.08	181.87	0.14
180.32	0.00	180.84	0.00	181.36	0.08	181.88	0.14
180.33	0.00	180.85	0.00	181.37	0.08	181.89	0.15
180.34	0.00	180.86	0.00	181.38	0.09	181.90	0.15
180.35	0.00	180.87	0.00	181.39	0.09	181.91	0.15
180.36	0.00	180.88	0.00	181.40	0.09	181.92	0.15
180.37	0.00	180.89	0.00	181.41	0.09	181.93	0.15
180.38	0.00	180.90	0.00	181.42	0.09	181.94	0.15
180.39	0.00	180.91	0.00	181.43	0.09	181.95	0.15
180.40	0.00	180.92	0.00	181.44	0.10	181.96	0.15
180.41	0.00	180.93	0.00	181.45	0.10	181.97	0.15
180.42	0.00	180.94	0.00	181.46	0.10	181.98	0.15
180.43	0.00	180.95	0.00	181.47	0.10	181.99	0.15
180.44	0.00	180.96	0.00	181.48	0.10	182.00	0.16
180.45	0.00	180.97	0.00	181.49	0.10	182.01	0.16
180.46	0.00	180.98	0.00	181.50	0.10	182.02	0.16
180.47	0.00	180.99	0.00	181.51	0.10	182.03	0.16
180.48	0.00	181.00	0.00	181.52	0.11	182.04	0.16
180.49	0.00	181.01	0.00	181.53	0.11	182.05	0.16
180.50	0.00	181.02	0.00	181.54	0.11	182.06	0.16
180.51	0.00	181.03	0.00	181.55	0.11	182.07	0.16

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.16	182.60	0.20	183.12	3.12	183.64	10.75
182.09	0.16	182.61	0.20	183.13	3.24	183.65	10.93
182.10	0.16	182.62	0.20	183.14	3.36	183.66	11.10
182.11	0.16	182.63	0.20	183.15	3.48	183.67	11.27
182.12	0.17	182.64	0.20	183.16	3.60	183.68	11.45
182.13	0.17	182.65	0.20	183.17	3.72	183.69	11.62
182.14	0.17	182.66	0.20	183.18	3.85	183.70	11.80
182.15	0.17	182.67	0.21	183.19	3.97	183.71	11.98
182.16	0.17	182.68	0.21	183.20	4.10	183.72	12.16
182.17	0.17	182.69	0.21	183.21	4.23	183.73	12.33
182.18	0.17	182.70	0.21	183.22	4.35	183.74	12.51
182.19	0.17	182.71	0.21	183.23	4.48	183.75	12.69
182.20	0.17	182.72	0.21	183.24	4.62	183.76	12.87
182.21	0.17	182.73	0.21	183.25	4.75	183.77	13.06
182.22	0.17	182.74	0.21	183.26	4.88	183.78	13.24
182.23	0.17	182.75	0.21	183.27	5.02	183.79	13.42
182.24	0.17	182.76	0.22	183.28	5.16	183.80	13.60
182.25	0.18	182.77	0.25	183.29	5.29	183.81	13.79
182.26	0.18	182.78	0.28	183.30	5.43	183.82	13.97
182.27	0.18	182.79	0.32	183.31	5.57	183.83	14.16
182.28	0.18	182.80	0.36	183.32	5.71	183.84	14.35
182.29	0.18	182.81	0.41	183.33	5.85	183.85	14.53
182.30	0.18	182.82	0.46	183.34	6.00	183.86	14.72
182.31	0.18	182.83	0.51	183.35	6.14	183.87	14.91
182.32	0.18	182.84	0.57	183.36	6.29	183.88	15.04
182.33	0.18	182.85	0.63	183.37	6.43	183.89	15.05
182.34	0.18	182.86	0.69	183.38	6.58	183.90	15.07
182.35	0.18	182.87	0.76	183.39	6.73	183.91	15.09
182.36	0.18	182.88	0.83	183.40	6.88	183.92	15.11
182.37	0.18	182.89	0.90	183.41	7.03	183.93	15.12
182.38	0.19	182.90	0.97	183.42	7.18	183.94	15.14
182.39	0.19	182.91	1.05	183.43	7.34	183.95	15.16
182.40	0.19	182.92	1.13	183.44	7.49	183.96	15.29
182.41	0.19	182.93	1.21	183.45	7.64	183.97	15.52
182.42	0.19	182.94	1.30	183.46	7.80	183.98	15.82
182.43	0.19	182.95	1.38	183.47	7.96	183.99	16.16
182.44	0.19	182.96	1.47	183.48	8.11	184.00	16.55
182.45	0.19	182.97	1.56	183.49	8.27	184.01	16.98
182.46	0.19	182.98	1.65	183.50	8.43	184.02	17.45
182.47	0.19	182.99	1.74	183.51	8.59	184.03	17.95
182.48	0.19	183.00	1.84	183.52	8.75	184.04	18.48
182.49	0.19	183.01	1.94	183.53	8.91	184.05	19.04
182.50	0.19	183.02	2.04	183.54	9.08	184.06	19.63
182.51	0.19	183.03	2.14	183.55	9.24	184.07	20.25
182.52	0.20	183.04	2.24	183.56	9.41	184.08	20.89
182.53	0.20	183.05	2.35	183.57	9.57	184.09	21.56
182.54	0.20	183.06	2.45	183.58	9.74	184.10	22.26
182.55	0.20	183.07	2.56	183.59	9.91	184.11	22.97
182.56	0.20	183.08	2.67	183.60	10.07	184.12	23.71
182.57	0.20	183.09	2.78	183.61	10.24	184.13	24.47
182.58	0.20	183.10	2.89	183.62	10.41	184.14	25.25
182.59	0.20	183.11	3.01	183.63	10.58	184.15	26.06

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	26.92	184.68	103.08	185.20	213.99	185.72	356.44
184.17	27.81	184.69	104.90	185.21	216.43	185.73	359.48
184.18	28.73	184.70	106.72	185.22	218.87	185.74	362.53
184.19	29.67	184.71	108.56	185.23	221.33	185.75	365.59
184.20	30.63	184.72	110.41	185.24	223.80	185.76	368.66
184.21	31.62	184.73	112.27	185.25	226.27	185.77	371.74
184.22	32.63	184.74	114.14	185.26	228.76	185.78	374.83
184.23	33.67	184.75	116.03	185.27	231.26	185.79	377.93
184.24	34.74	184.76	117.96	185.28	233.77	185.80	381.05
184.25	35.83	184.77	119.91	185.29	236.28	185.81	384.17
184.26	36.94	184.78	121.87	185.30	238.81	185.82	387.30
184.27	38.08	184.79	123.85	185.31	241.35	185.83	390.45
184.28	39.24	184.80	125.84	185.32	243.90	185.84	393.60
184.29	40.43	184.81	127.84	185.33	246.46	185.85	396.77
184.30	41.64	184.82	129.85	185.34	249.03	185.86	399.94
184.31	42.87	184.83	131.88	185.35	251.61	185.87	403.13
184.32	44.13	184.84	133.92	185.36	254.25	185.88	406.32
184.33	45.41	184.85	135.97	185.37	256.90	185.89	409.53
184.34	46.72	184.86	138.04	185.38	259.55	185.90	412.75
184.35	48.05	184.87	140.12	185.39	262.22	185.91	415.98
184.36	49.44	184.88	142.21	185.40	264.90	185.92	419.21
184.37	50.84	184.89	144.31	185.41	267.59	185.93	422.46
184.38	52.28	184.90	146.43	185.42	270.30	185.94	425.72
184.39	53.74	184.91	148.56	185.43	273.01	185.95	428.99
184.40	55.22	184.92	150.70	185.44	275.73	185.96	432.33
184.41	56.74	184.93	152.86	185.45	278.47	185.97	435.69
184.42	58.28	184.94	155.03	185.46	281.22	185.98	439.05
184.43	59.84	184.95	157.21	185.47	283.97	185.99	442.43
184.44	61.43	184.96	159.34	185.48	286.74	186.00	445.82
184.45	63.05	184.97	161.49	185.49	289.52		
184.46	64.69	184.98	163.66	185.50	292.31		
184.47	66.37	184.99	165.83	185.51	295.11		
184.48	68.06	185.00	168.01	185.52	297.93		
184.49	69.79	185.01	170.20	185.53	300.75		
184.50	71.54	185.02	172.40	185.54	303.58		
184.51	73.32	185.03	174.62	185.55	306.43		
184.52	75.12	185.04	176.84	185.56	309.28		
184.53	76.95	185.05	179.08	185.57	312.15		
184.54	78.81	185.06	181.32	185.58	315.03		
184.55	80.70	185.07	183.58	185.59	317.92		
184.56	82.34	185.08	185.84	185.60	320.82		
184.57	83.99	185.09	188.12	185.61	323.73		
184.58	85.66	185.10	190.40	185.62	326.65		
184.59	87.35	185.11	192.70	185.63	329.58		
184.60	89.04	185.12	195.00	185.64	332.52		
184.61	90.75	185.13	197.32	185.65	335.47		
184.62	92.48	185.14	199.65	185.66	338.44		
184.63	94.21	185.15	201.98	185.67	341.41		
184.64	95.96	185.16	204.36	185.68	344.40		
184.65	97.72	185.17	206.75	185.69	347.39		
184.66	99.50	185.18	209.16	185.70	350.40		
184.67	101.28	185.19	211.57	185.71	353.42		

Stage-Area-Storage for Pond B-11: Basin #11

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	4,780	0	180.52	5,166	2,586
180.01	4,787	48	180.53	5,173	2,638
180.02	4,795	96	180.54	5,181	2,689
180.03	4,802	144	180.55	5,188	2,741
180.04	4,810	192	180.56	5,196	2,793
180.05	4,817	240	180.57	5,203	2,845
180.06	4,825	288	180.58	5,210	2,897
180.07	4,832	336	180.59	5,218	2,949
180.08	4,839	385	180.60	5,225	3,002
180.09	4,847	433	180.61	5,233	3,054
180.10	4,854	482	180.62	5,240	3,106
180.11	4,862	530	180.63	5,247	3,159
180.12	4,869	579	180.64	5,255	3,211
180.13	4,876	628	180.65	5,262	3,264
180.14	4,884	676	180.66	5,270	3,316
180.15	4,891	725	180.67	5,277	3,369
180.16	4,899	774	180.68	5,285	3,422
180.17	4,906	823	180.69	5,292	3,475
180.18	4,914	872	180.70	5,299	3,528
180.19	4,921	922	180.71	5,307	3,581
180.20	4,928	971	180.72	5,314	3,634
180.21	4,936	1,020	180.73	5,322	3,687
180.22	4,943	1,070	180.74	5,329	3,740
180.23	4,951	1,119	180.75	5,337	3,794
180.24	4,958	1,169	180.76	5,344	3,847
180.25	4,966	1,218	180.77	5,351	3,901
180.26	4,973	1,268	180.78	5,359	3,954
180.27	4,980	1,318	180.79	5,366	4,008
180.28	4,988	1,367	180.80	5,374	4,061
180.29	4,995	1,417	180.81	5,381	4,115
180.30	5,003	1,467	180.82	5,388	4,169
180.31	5,010	1,517	180.83	5,396	4,223
180.32	5,017	1,568	180.84	5,403	4,277
180.33	5,025	1,618	180.85	5,411	4,331
180.34	5,032	1,668	180.86	5,418	4,385
180.35	5,040	1,718	180.87	5,426	4,439
180.36	5,047	1,769	180.88	5,433	4,494
180.37	5,055	1,819	180.89	5,440	4,548
180.38	5,062	1,870	180.90	5,448	4,603
180.39	5,069	1,921	180.91	5,455	4,657
180.40	5,077	1,971	180.92	5,463	4,712
180.41	5,084	2,022	180.93	5,470	4,766
180.42	5,092	2,073	180.94	5,477	4,821
180.43	5,099	2,124	180.95	5,485	4,876
180.44	5,106	2,175	180.96	5,492	4,931
180.45	5,114	2,226	180.97	5,500	4,986
180.46	5,121	2,277	180.98	5,507	5,041
180.47	5,129	2,329	180.99	5,515	5,096
180.48	5,136	2,380	181.00	5,522	5,151
180.49	5,144	2,431	181.01	5,530	5,206
180.50	5,151	2,483	181.02	5,538	5,262
180.51	5,158	2,534	181.03	5,546	5,317

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	5,553	5,373	181.56	5,961	8,366
181.05	5,561	5,428	181.57	5,969	8,426
181.06	5,569	5,484	181.58	5,977	8,486
181.07	5,577	5,539	181.59	5,985	8,545
181.08	5,585	5,595	181.60	5,992	8,605
181.09	5,593	5,651	181.61	6,000	8,665
181.10	5,600	5,707	181.62	6,008	8,725
181.11	5,608	5,763	181.63	6,016	8,785
181.12	5,616	5,819	181.64	6,024	8,846
181.13	5,624	5,875	181.65	6,032	8,906
181.14	5,632	5,932	181.66	6,039	8,966
181.15	5,640	5,988	181.67	6,047	9,027
181.16	5,647	6,045	181.68	6,055	9,087
181.17	5,655	6,101	181.69	6,063	9,148
181.18	5,663	6,158	181.70	6,071	9,208
181.19	5,671	6,214	181.71	6,079	9,269
181.20	5,679	6,271	181.72	6,086	9,330
181.21	5,687	6,328	181.73	6,094	9,391
181.22	5,694	6,385	181.74	6,102	9,452
181.23	5,702	6,442	181.75	6,110	9,513
181.24	5,710	6,499	181.76	6,118	9,574
181.25	5,718	6,556	181.77	6,126	9,635
181.26	5,726	6,613	181.78	6,134	9,697
181.27	5,734	6,671	181.79	6,141	9,758
181.28	5,742	6,728	181.80	6,149	9,819
181.29	5,749	6,785	181.81	6,157	9,881
181.30	5,757	6,843	181.82	6,165	9,943
181.31	5,765	6,900	181.83	6,173	10,004
181.32	5,773	6,958	181.84	6,181	10,066
181.33	5,781	7,016	181.85	6,188	10,128
181.34	5,789	7,074	181.86	6,196	10,190
181.35	5,796	7,132	181.87	6,204	10,252
181.36	5,804	7,190	181.88	6,212	10,314
181.37	5,812	7,248	181.89	6,220	10,376
181.38	5,820	7,306	181.90	6,228	10,438
181.39	5,828	7,364	181.91	6,235	10,501
181.40	5,836	7,423	181.92	6,243	10,563
181.41	5,843	7,481	181.93	6,251	10,626
181.42	5,851	7,539	181.94	6,259	10,688
181.43	5,859	7,598	181.95	6,267	10,751
181.44	5,867	7,657	181.96	6,275	10,813
181.45	5,875	7,715	181.97	6,282	10,876
181.46	5,883	7,774	181.98	6,290	10,939
181.47	5,890	7,833	181.99	6,298	11,002
181.48	5,898	7,892	182.00	6,306	11,065
181.49	5,906	7,951	182.01	6,314	11,128
181.50	5,914	8,010	182.02	6,323	11,191
181.51	5,922	8,069	182.03	6,331	11,255
181.52	5,930	8,128	182.04	6,339	11,318
181.53	5,938	8,188	182.05	6,347	11,381
181.54	5,945	8,247	182.06	6,356	11,445
181.55	5,953	8,307	182.07	6,364	11,508

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	6,372	11,572	182.60	6,803	14,998
182.09	6,381	11,636	182.61	6,812	15,066
182.10	6,389	11,700	182.62	6,820	15,134
182.11	6,397	11,764	182.63	6,828	15,202
182.12	6,405	11,828	182.64	6,837	15,271
182.13	6,414	11,892	182.65	6,845	15,339
182.14	6,422	11,956	182.66	6,853	15,408
182.15	6,430	12,020	182.67	6,861	15,476
182.16	6,439	12,085	182.68	6,870	15,545
182.17	6,447	12,149	182.69	6,878	15,613
182.18	6,455	12,214	182.70	6,886	15,682
182.19	6,464	12,278	182.71	6,895	15,751
182.20	6,472	12,343	182.72	6,903	15,820
182.21	6,480	12,408	182.73	6,911	15,889
182.22	6,488	12,472	182.74	6,919	15,958
182.23	6,497	12,537	182.75	6,928	16,028
182.24	6,505	12,602	182.76	6,936	16,097
182.25	6,513	12,667	182.77	6,944	16,166
182.26	6,522	12,733	182.78	6,953	16,236
182.27	6,530	12,798	182.79	6,961	16,305
182.28	6,538	12,863	182.80	6,969	16,375
182.29	6,546	12,929	182.81	6,977	16,445
182.30	6,555	12,994	182.82	6,986	16,515
182.31	6,563	13,060	182.83	6,994	16,585
182.32	6,571	13,125	182.84	7,002	16,655
182.33	6,580	13,191	182.85	7,011	16,725
182.34	6,588	13,257	182.86	7,019	16,795
182.35	6,596	13,323	182.87	7,027	16,865
182.36	6,604	13,389	182.88	7,036	16,935
182.37	6,613	13,455	182.89	7,044	17,006
182.38	6,621	13,521	182.90	7,052	17,076
182.39	6,629	13,587	182.91	7,060	17,147
182.40	6,638	13,654	182.92	7,069	17,217
182.41	6,646	13,720	182.93	7,077	17,288
182.42	6,654	13,787	182.94	7,085	17,359
182.43	6,662	13,853	182.95	7,094	17,430
182.44	6,671	13,920	182.96	7,102	17,501
182.45	6,679	13,987	182.97	7,110	17,572
182.46	6,687	14,053	182.98	7,118	17,643
182.47	6,696	14,120	182.99	7,127	17,714
182.48	6,704	14,187	183.00	7,135	17,786
182.49	6,712	14,254	183.01	7,144	17,857
182.50	6,721	14,322	183.02	7,152	17,928
182.51	6,729	14,389	183.03	7,161	18,000
182.52	6,737	14,456	183.04	7,170	18,072
182.53	6,745	14,524	183.05	7,179	18,143
182.54	6,754	14,591	183.06	7,187	18,215
182.55	6,762	14,659	183.07	7,196	18,287
182.56	6,770	14,726	183.08	7,205	18,359
182.57	6,779	14,794	183.09	7,213	18,431
182.58	6,787	14,862	183.10	7,222	18,503
182.59	6,795	14,930	183.11	7,231	18,576

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	7,240	18,648	183.64	7,693	22,530
183.13	7,248	18,720	183.65	7,702	22,607
183.14	7,257	18,793	183.66	7,711	22,685
183.15	7,266	18,866	183.67	7,719	22,762
183.16	7,275	18,938	183.68	7,728	22,839
183.17	7,283	19,011	183.69	7,737	22,916
183.18	7,292	19,084	183.70	7,745	22,994
183.19	7,301	19,157	183.71	7,754	23,071
183.20	7,309	19,230	183.72	7,763	23,149
183.21	7,318	19,303	183.73	7,772	23,226
183.22	7,327	19,376	183.74	7,780	23,304
183.23	7,336	19,450	183.75	7,789	23,382
183.24	7,344	19,523	183.76	7,798	23,460
183.25	7,353	19,597	183.77	7,806	23,538
183.26	7,362	19,670	183.78	7,815	23,616
183.27	7,370	19,744	183.79	7,824	23,694
183.28	7,379	19,817	183.80	7,833	23,773
183.29	7,388	19,891	183.81	7,841	23,851
183.30	7,397	19,965	183.82	7,850	23,929
183.31	7,405	20,039	183.83	7,859	24,008
183.32	7,414	20,113	183.84	7,867	24,087
183.33	7,423	20,188	183.85	7,876	24,165
183.34	7,431	20,262	183.86	7,885	24,244
183.35	7,440	20,336	183.87	7,894	24,323
183.36	7,449	20,411	183.88	7,902	24,402
183.37	7,458	20,485	183.89	7,911	24,481
183.38	7,466	20,560	183.90	7,920	24,560
183.39	7,475	20,634	183.91	7,929	24,639
183.40	7,484	20,709	183.92	7,937	24,719
183.41	7,493	20,784	183.93	7,946	24,798
183.42	7,501	20,859	183.94	7,955	24,878
183.43	7,510	20,934	183.95	7,963	24,957
183.44	7,519	21,009	183.96	7,972	25,037
183.45	7,527	21,085	183.97	7,981	25,117
183.46	7,536	21,160	183.98	7,990	25,197
183.47	7,545	21,235	183.99	7,998	25,276
183.48	7,554	21,311	184.00	8,007	25,357
183.49	7,562	21,386	184.01	8,016	25,437
183.50	7,571	21,462	184.02	8,025	25,517
183.51	7,580	21,538	184.03	8,034	25,597
183.52	7,588	21,614	184.04	8,044	25,678
183.53	7,597	21,690	184.05	8,053	25,758
183.54	7,606	21,766	184.06	8,062	25,839
183.55	7,615	21,842	184.07	8,071	25,919
183.56	7,623	21,918	184.08	8,080	26,000
183.57	7,632	21,994	184.09	8,089	26,081
183.58	7,641	22,070	184.10	8,099	26,162
183.59	7,649	22,147	184.11	8,108	26,243
183.60	7,658	22,223	184.12	8,117	26,324
183.61	7,667	22,300	184.13	8,126	26,405
183.62	7,676	22,377	184.14	8,135	26,486
183.63	7,684	22,454	184.15	8,144	26,568

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	8,154	26,649	184.68	8,630	31,013
184.17	8,163	26,731	184.69	8,639	31,099
184.18	8,172	26,813	184.70	8,648	31,186
184.19	8,181	26,894	184.71	8,657	31,272
184.20	8,190	26,976	184.72	8,667	31,359
184.21	8,199	27,058	184.73	8,676	31,446
184.22	8,209	27,140	184.74	8,685	31,532
184.23	8,218	27,222	184.75	8,694	31,619
184.24	8,227	27,305	184.76	8,703	31,706
184.25	8,236	27,387	184.77	8,712	31,793
184.26	8,245	27,469	184.78	8,721	31,881
184.27	8,254	27,552	184.79	8,731	31,968
184.28	8,263	27,634	184.80	8,740	32,055
184.29	8,273	27,717	184.81	8,749	32,143
184.30	8,282	27,800	184.82	8,758	32,230
184.31	8,291	27,883	184.83	8,767	32,318
184.32	8,300	27,966	184.84	8,776	32,406
184.33	8,309	28,049	184.85	8,786	32,493
184.34	8,318	28,132	184.86	8,795	32,581
184.35	8,328	28,215	184.87	8,804	32,669
184.36	8,337	28,298	184.88	8,813	32,757
184.37	8,346	28,382	184.89	8,822	32,846
184.38	8,355	28,465	184.90	8,831	32,934
184.39	8,364	28,549	184.91	8,841	33,022
184.40	8,373	28,633	184.92	8,850	33,111
184.41	8,383	28,716	184.93	8,859	33,199
184.42	8,392	28,800	184.94	8,868	33,288
184.43	8,401	28,884	184.95	8,877	33,376
184.44	8,410	28,968	184.96	8,886	33,465
184.45	8,419	29,052	184.97	8,896	33,554
184.46	8,428	29,137	184.98	8,905	33,643
184.47	8,438	29,221	184.99	8,914	33,732
184.48	8,447	29,305	185.00	8,923	33,822
184.49	8,456	29,390	185.01	8,933	33,911
184.50	8,465	29,475	185.02	8,942	34,000
184.51	8,474	29,559	185.03	8,952	34,090
184.52	8,483	29,644	185.04	8,961	34,179
184.53	8,492	29,729	185.05	8,971	34,269
184.54	8,502	29,814	185.06	8,981	34,359
184.55	8,511	29,899	185.07	8,990	34,448
184.56	8,520	29,984	185.08	9,000	34,538
184.57	8,529	30,069	185.09	9,009	34,628
184.58	8,538	30,155	185.10	9,019	34,719
184.59	8,547	30,240	185.11	9,028	34,809
184.60	8,557	30,326	185.12	9,038	34,899
184.61	8,566	30,411	185.13	9,048	34,990
184.62	8,575	30,497	185.14	9,057	35,080
184.63	8,584	30,583	185.15	9,067	35,171
184.64	8,593	30,669	185.16	9,076	35,261
184.65	8,602	30,755	185.17	9,086	35,352
184.66	8,612	30,841	185.18	9,096	35,443
184.67	8,621	30,927	185.19	9,105	35,534

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	9,115	35,625	185.72	9,613	40,495
185.21	9,124	35,716	185.73	9,623	40,591
185.22	9,134	35,808	185.74	9,633	40,687
185.23	9,144	35,899	185.75	9,642	40,783
185.24	9,153	35,991	185.76	9,652	40,880
185.25	9,163	36,082	185.77	9,661	40,977
185.26	9,172	36,174	185.78	9,671	41,073
185.27	9,182	36,266	185.79	9,681	41,170
185.28	9,192	36,358	185.80	9,690	41,267
185.29	9,201	36,449	185.81	9,700	41,364
185.30	9,211	36,542	185.82	9,709	41,461
185.31	9,220	36,634	185.83	9,719	41,558
185.32	9,230	36,726	185.84	9,729	41,655
185.33	9,239	36,818	185.85	9,738	41,752
185.34	9,249	36,911	185.86	9,748	41,850
185.35	9,259	37,003	185.87	9,757	41,947
185.36	9,268	37,096	185.88	9,767	42,045
185.37	9,278	37,189	185.89	9,777	42,143
185.38	9,287	37,281	185.90	9,786	42,241
185.39	9,297	37,374	185.91	9,796	42,339
185.40	9,307	37,467	185.92	9,805	42,437
185.41	9,316	37,561	185.93	9,815	42,535
185.42	9,326	37,654	185.94	9,824	42,633
185.43	9,335	37,747	185.95	9,834	42,731
185.44	9,345	37,840	185.96	9,844	42,829
185.45	9,355	37,934	185.97	9,853	42,928
185.46	9,364	38,028	185.98	9,863	43,027
185.47	9,374	38,121	185.99	9,872	43,125
185.48	9,383	38,215	186.00	9,882	43,224
185.49	9,393	38,309			
185.50	9,403	38,403			
185.51	9,412	38,497			
185.52	9,422	38,591			
185.53	9,431	38,685			
185.54	9,441	38,780			
185.55	9,450	38,874			
185.56	9,460	38,969			
185.57	9,470	39,063			
185.58	9,479	39,158			
185.59	9,489	39,253			
185.60	9,498	39,348			
185.61	9,508	39,443			
185.62	9,518	39,538			
185.63	9,527	39,633			
185.64	9,537	39,729			
185.65	9,546	39,824			
185.66	9,556	39,920			
185.67	9,566	40,015			
185.68	9,575	40,111			
185.69	9,585	40,207			
185.70	9,594	40,303			
185.71	9,604	40,399			

Summary for Pond B-12: Basin #12

Inflow Area = 2.426 ac, 44.77% Impervious, Inflow Depth = 6.61" for Current 100 yr event
 Inflow = 16.19 cfs @ 12.17 hrs, Volume= 1.336 af
 Outflow = 12.36 cfs @ 12.26 hrs, Volume= 1.198 af, Atten= 24%, Lag= 5.2 min
 Primary = 12.36 cfs @ 12.26 hrs, Volume= 1.198 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.48' @ 12.26 hrs Surf.Area= 7,264 sf Storage= 20,618 cf

Plug-Flow detention time= 280.0 min calculated for 1.198 af (90% of inflow)
 Center-of-Mass det. time= 226.8 min (1,005.4 - 778.7)

Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	24,487 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	4,623	0	0
202.00	5,350	4,987	4,987
203.00	6,105	5,728	10,714
204.00	6,883	6,494	17,208
205.00	7,674	7,279	24,487

Device	Routing	Invert	Outlet Devices
#1	Primary	199.65'	18.0" Round Culvert L= 238.0' Ke= 0.500 Inlet / Outlet Invert= 199.65' / 195.50' S= 0.0174 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.90'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

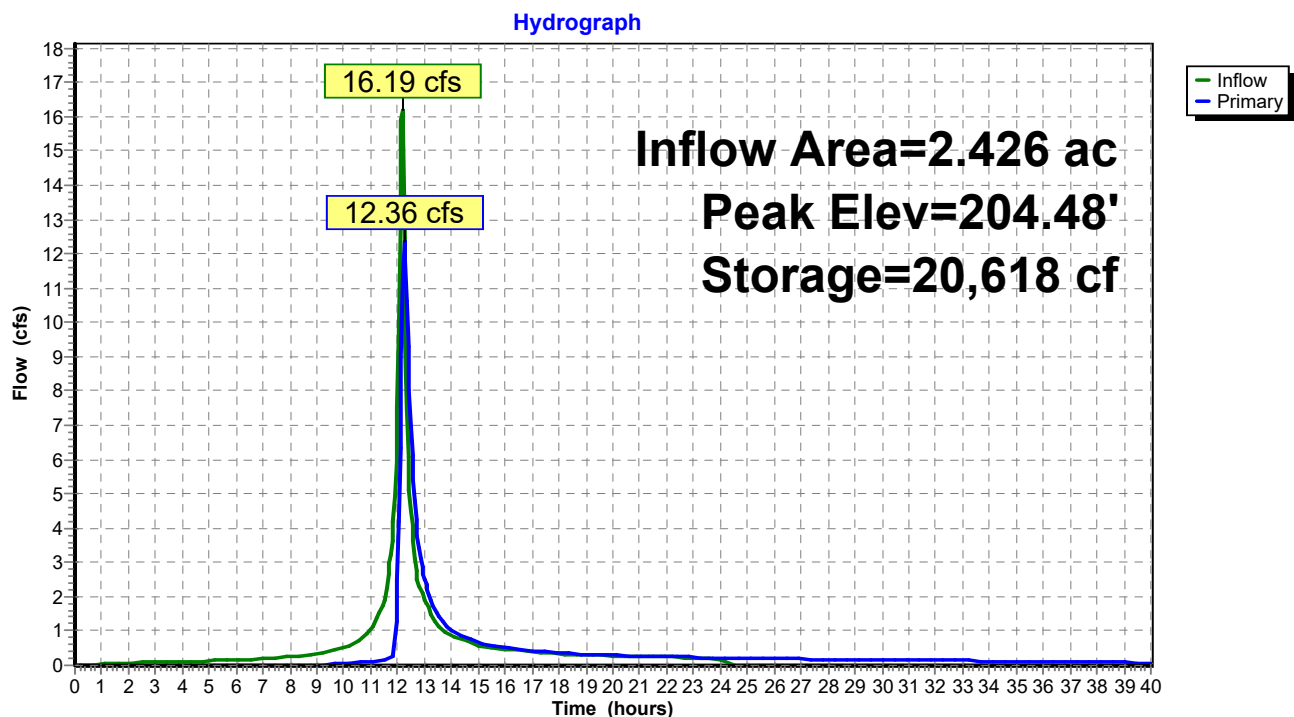
Primary OutFlow Max=12.26 cfs @ 12.26 hrs HW=204.48' (Free Discharge)

- 1=Culvert (Passes 12.26 cfs of 16.03 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.57 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 12.00 cfs @ 3.23 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-12: Basin #12
 Culvert



Pond B-12: Basin #12



Hydrograph for Pond B-12: Basin #12

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.01	2	201.00	0.00
0.80	0.02	7	201.00	0.00
0.90	0.02	14	201.00	0.00
1.00	0.03	23	201.00	0.00
1.10	0.03	34	201.01	0.00
1.20	0.04	48	201.01	0.00
1.30	0.04	63	201.01	0.00
1.40	0.05	80	201.02	0.00
1.50	0.05	98	201.02	0.00
1.60	0.06	118	201.03	0.00
1.70	0.06	139	201.03	0.00
1.80	0.06	162	201.03	0.00
1.90	0.07	185	201.04	0.00
2.00	0.07	210	201.05	0.00
2.10	0.07	236	201.05	0.00
2.20	0.08	263	201.06	0.00
2.30	0.08	291	201.06	0.00
2.40	0.08	320	201.07	0.00
2.50	0.08	350	201.08	0.00
2.60	0.09	381	201.08	0.00
2.70	0.09	412	201.09	0.00
2.80	0.09	444	201.10	0.00
2.90	0.09	477	201.10	0.00
3.00	0.09	511	201.11	0.00
3.10	0.10	546	201.12	0.00
3.20	0.10	581	201.12	0.00
3.30	0.10	617	201.13	0.00
3.40	0.10	653	201.14	0.00
3.50	0.10	690	201.15	0.00
3.60	0.11	728	201.16	0.00
3.70	0.11	766	201.16	0.00
3.80	0.11	805	201.17	0.00
3.90	0.11	845	201.18	0.00
4.00	0.11	885	201.19	0.00
4.10	0.11	926	201.20	0.00
4.20	0.12	967	201.21	0.00
4.30	0.12	1,008	201.21	0.00
4.40	0.12	1,051	201.22	0.00
4.50	0.12	1,094	201.23	0.00
4.60	0.12	1,137	201.24	0.00
4.70	0.12	1,181	201.25	0.00
4.80	0.12	1,225	201.26	0.00
4.90	0.12	1,269	201.27	0.00
5.00	0.13	1,315	201.28	0.00
5.10	0.13	1,360	201.29	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,406	201.30	0.00
5.30	0.13	1,453	201.31	0.00
5.40	0.13	1,500	201.32	0.00
5.50	0.13	1,547	201.33	0.00
5.60	0.13	1,595	201.34	0.00
5.70	0.13	1,644	201.35	0.00
5.80	0.14	1,692	201.36	0.00
5.90	0.14	1,742	201.37	0.00
6.00	0.14	1,791	201.38	0.00
6.10	0.14	1,841	201.39	0.00
6.20	0.14	1,892	201.40	0.00
6.30	0.15	1,945	201.41	0.00
6.40	0.15	1,998	201.42	0.00
6.50	0.16	2,054	201.43	0.00
6.60	0.16	2,111	201.44	0.00
6.70	0.17	2,171	201.45	0.00
6.80	0.17	2,232	201.47	0.00
6.90	0.18	2,295	201.48	0.00
7.00	0.19	2,361	201.49	0.00
7.10	0.19	2,429	201.51	0.00
7.20	0.20	2,499	201.52	0.00
7.30	0.20	2,571	201.53	0.00
7.40	0.21	2,645	201.55	0.00
7.50	0.22	2,722	201.56	0.00
7.60	0.22	2,801	201.58	0.00
7.70	0.23	2,882	201.60	0.00
7.80	0.24	2,966	201.61	0.00
7.90	0.24	3,052	201.63	0.00
8.00	0.25	3,141	201.65	0.00
8.10	0.26	3,232	201.66	0.00
8.20	0.26	3,325	201.68	0.00
8.30	0.27	3,422	201.70	0.00
8.40	0.28	3,520	201.72	0.00
8.50	0.28	3,621	201.74	0.00
8.60	0.29	3,725	201.76	0.00
8.70	0.30	3,832	201.78	0.00
8.80	0.31	3,941	201.80	0.00
8.90	0.31	4,053	201.82	0.00
9.00	0.32	4,168	201.85	0.00
9.10	0.33	4,285	201.87	0.00
9.20	0.35	4,409	201.89	0.00
9.30	0.37	4,538	201.92	0.00
9.40	0.39	4,676	201.94	0.00
9.50	0.42	4,819	201.97	0.01
9.60	0.44	4,968	202.00	0.02
9.70	0.46	5,123	202.03	0.03
9.80	0.49	5,282	202.05	0.04
9.90	0.51	5,446	202.09	0.05
10.00	0.53	5,615	202.12	0.05
10.10	0.56	5,791	202.15	0.06
10.20	0.58	5,973	202.18	0.07
10.30	0.61	6,162	202.22	0.08

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.64	6,358	202.25	0.08
10.50	0.66	6,561	202.29	0.09
10.60	0.70	6,774	202.33	0.09
10.70	0.78	7,005	202.37	0.10
10.80	0.86	7,264	202.41	0.10
10.90	0.95	7,552	202.46	0.11
11.00	1.05	7,871	202.52	0.12
11.10	1.16	8,223	202.58	0.12
11.20	1.32	8,622	202.65	0.13
11.30	1.49	9,078	202.73	0.14
11.40	1.67	9,595	202.81	0.15
11.50	1.85	10,174	202.91	0.16
11.60	2.25	10,839	203.02	0.17
11.70	2.97	11,724	203.16	0.18
11.80	3.63	12,834	203.34	0.19
11.90	4.93	14,266	203.56	0.41
12.00	7.53	15,963	203.82	2.52
12.10	12.87	18,001	204.11	6.35
12.20	15.63	20,213	204.43	11.37
12.30	9.48	20,409	204.45	11.85
12.40	6.10	19,337	204.30	9.30
12.50	4.48	18,296	204.16	6.97
12.60	3.63	17,546	204.05	5.41
12.70	2.74	16,949	203.96	4.25
12.80	2.36	16,491	203.90	3.41
12.90	2.13	16,173	203.85	2.87
13.00	1.92	15,940	203.81	2.49
13.10	1.72	15,753	203.79	2.19
13.20	1.54	15,592	203.76	1.95
13.30	1.41	15,456	203.74	1.76
13.40	1.30	15,341	203.72	1.59
13.50	1.19	15,240	203.71	1.46
13.60	1.08	15,145	203.70	1.33
13.70	0.99	15,058	203.68	1.22
13.80	0.94	14,983	203.67	1.13
13.90	0.91	14,923	203.66	1.06
14.00	0.88	14,875	203.65	1.00
14.10	0.85	14,835	203.65	0.96
14.20	0.83	14,801	203.64	0.91
14.30	0.80	14,771	203.64	0.88
14.40	0.77	14,741	203.63	0.85
14.50	0.74	14,712	203.63	0.82
14.60	0.71	14,684	203.63	0.79
14.70	0.68	14,656	203.62	0.76
14.80	0.65	14,627	203.62	0.73
14.90	0.63	14,600	203.61	0.70
15.00	0.60	14,572	203.61	0.68
15.10	0.57	14,544	203.60	0.65
15.20	0.55	14,517	203.60	0.62
15.30	0.53	14,492	203.60	0.60
15.40	0.52	14,470	203.59	0.58
15.50	0.52	14,452	203.59	0.56

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	14,437	203.59	0.55
15.70	0.50	14,423	203.59	0.54
15.80	0.49	14,410	203.58	0.53
15.90	0.49	14,398	203.58	0.52
16.00	0.48	14,387	203.58	0.51
16.10	0.47	14,377	203.58	0.50
16.20	0.47	14,367	203.58	0.49
16.30	0.46	14,358	203.58	0.48
16.40	0.45	14,348	203.57	0.48
16.50	0.44	14,339	203.57	0.47
16.60	0.43	14,329	203.57	0.46
16.70	0.43	14,320	203.57	0.45
16.80	0.42	14,311	203.57	0.44
16.90	0.41	14,302	203.57	0.44
17.00	0.40	14,293	203.57	0.43
17.10	0.40	14,284	203.56	0.42
17.20	0.39	14,275	203.56	0.41
17.30	0.38	14,266	203.56	0.41
17.40	0.37	14,257	203.56	0.40
17.50	0.37	14,248	203.56	0.39
17.60	0.36	14,238	203.56	0.39
17.70	0.35	14,228	203.56	0.38
17.80	0.34	14,217	203.55	0.37
17.90	0.34	14,206	203.55	0.37
18.00	0.33	14,195	203.55	0.36
18.10	0.32	14,183	203.55	0.35
18.20	0.31	14,171	203.55	0.35
18.30	0.31	14,160	203.55	0.34
18.40	0.31	14,150	203.54	0.33
18.50	0.31	14,142	203.54	0.33
18.60	0.30	14,135	203.54	0.32
18.70	0.30	14,128	203.54	0.32
18.80	0.30	14,122	203.54	0.32
18.90	0.30	14,117	203.54	0.31
19.00	0.30	14,112	203.54	0.31
19.10	0.30	14,107	203.54	0.31
19.20	0.29	14,103	203.54	0.30
19.30	0.29	14,099	203.54	0.30
19.40	0.29	14,095	203.54	0.30
19.50	0.29	14,091	203.53	0.30
19.60	0.29	14,088	203.53	0.30
19.70	0.28	14,084	203.53	0.29
19.80	0.28	14,081	203.53	0.29
19.90	0.28	14,078	203.53	0.29
20.00	0.28	14,074	203.53	0.29
20.10	0.28	14,071	203.53	0.29
20.20	0.27	14,068	203.53	0.28
20.30	0.27	14,064	203.53	0.28
20.40	0.27	14,061	203.53	0.28
20.50	0.27	14,058	203.53	0.28
20.60	0.27	14,055	203.53	0.28
20.70	0.27	14,052	203.53	0.27

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	14,048	203.53	0.27
20.90	0.26	14,045	203.53	0.27
21.00	0.26	14,042	203.53	0.27
21.10	0.26	14,039	203.53	0.27
21.20	0.26	14,035	203.53	0.26
21.30	0.25	14,032	203.53	0.26
21.40	0.25	14,029	203.53	0.26
21.50	0.25	14,026	203.52	0.26
21.60	0.25	14,023	203.52	0.26
21.70	0.25	14,020	203.52	0.25
21.80	0.24	14,016	203.52	0.25
21.90	0.24	14,013	203.52	0.25
22.00	0.24	14,010	203.52	0.25
22.10	0.24	14,007	203.52	0.25
22.20	0.24	14,004	203.52	0.25
22.30	0.24	14,001	203.52	0.24
22.40	0.23	13,998	203.52	0.24
22.50	0.23	13,994	203.52	0.24
22.60	0.23	13,991	203.52	0.24
22.70	0.23	13,988	203.52	0.24
22.80	0.22	13,984	203.52	0.24
22.90	0.22	13,980	203.52	0.23
23.00	0.22	13,975	203.52	0.23
23.10	0.22	13,971	203.52	0.23
23.20	0.22	13,966	203.52	0.23
23.30	0.21	13,961	203.51	0.23
23.40	0.21	13,955	203.51	0.23
23.50	0.21	13,950	203.51	0.23
23.60	0.21	13,945	203.51	0.22
23.70	0.21	13,939	203.51	0.22
23.80	0.21	13,934	203.51	0.22
23.90	0.20	13,928	203.51	0.22
24.00	0.21	13,924	203.51	0.22
24.10	0.18	13,920	203.51	0.22
24.20	0.05	13,884	203.50	0.21
24.30	0.01	13,821	203.49	0.20
24.40	0.00	13,752	203.48	0.20
24.50	0.00	13,680	203.47	0.20
24.60	0.00	13,609	203.46	0.20
24.70	0.00	13,538	203.45	0.20
24.80	0.00	13,467	203.44	0.20
24.90	0.00	13,396	203.43	0.20
25.00	0.00	13,326	203.42	0.20
25.10	0.00	13,256	203.41	0.19
25.20	0.00	13,186	203.39	0.19
25.30	0.00	13,116	203.38	0.19
25.40	0.00	13,047	203.37	0.19
25.50	0.00	12,978	203.36	0.19
25.60	0.00	12,909	203.35	0.19
25.70	0.00	12,841	203.34	0.19
25.80	0.00	12,773	203.33	0.19
25.90	0.00	12,705	203.32	0.19

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,637	203.31	0.19
26.10	0.00	12,570	203.30	0.19
26.20	0.00	12,503	203.29	0.19
26.30	0.00	12,436	203.28	0.19
26.40	0.00	12,369	203.27	0.18
26.50	0.00	12,303	203.26	0.18
26.60	0.00	12,237	203.25	0.18
26.70	0.00	12,171	203.24	0.18
26.80	0.00	12,106	203.22	0.18
26.90	0.00	12,041	203.21	0.18
27.00	0.00	11,976	203.20	0.18
27.10	0.00	11,911	203.19	0.18
27.20	0.00	11,847	203.18	0.18
27.30	0.00	11,783	203.17	0.18
27.40	0.00	11,719	203.16	0.18
27.50	0.00	11,656	203.15	0.18
27.60	0.00	11,593	203.14	0.18
27.70	0.00	11,530	203.13	0.17
27.80	0.00	11,467	203.12	0.17
27.90	0.00	11,405	203.11	0.17
28.00	0.00	11,343	203.10	0.17
28.10	0.00	11,281	203.09	0.17
28.20	0.00	11,220	203.08	0.17
28.30	0.00	11,158	203.07	0.17
28.40	0.00	11,097	203.06	0.17
28.50	0.00	11,037	203.05	0.17
28.60	0.00	10,976	203.04	0.17
28.70	0.00	10,916	203.03	0.17
28.80	0.00	10,857	203.02	0.17
28.90	0.00	10,797	203.01	0.16
29.00	0.00	10,738	203.00	0.16
29.10	0.00	10,679	202.99	0.16
29.20	0.00	10,620	202.98	0.16
29.30	0.00	10,562	202.98	0.16
29.40	0.00	10,504	202.97	0.16
29.50	0.00	10,446	202.96	0.16
29.60	0.00	10,389	202.95	0.16
29.70	0.00	10,331	202.94	0.16
29.80	0.00	10,274	202.93	0.16
29.90	0.00	10,218	202.92	0.16
30.00	0.00	10,161	202.91	0.16
30.10	0.00	10,105	202.90	0.16
30.20	0.00	10,050	202.89	0.15
30.30	0.00	9,994	202.88	0.15
30.40	0.00	9,939	202.87	0.15
30.50	0.00	9,884	202.86	0.15
30.60	0.00	9,829	202.85	0.15
30.70	0.00	9,775	202.84	0.15
30.80	0.00	9,721	202.84	0.15
30.90	0.00	9,667	202.83	0.15
31.00	0.00	9,614	202.82	0.15
31.10	0.00	9,561	202.81	0.15

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,508	202.80	0.15
31.30	0.00	9,455	202.79	0.15
31.40	0.00	9,403	202.78	0.14
31.50	0.00	9,351	202.77	0.14
31.60	0.00	9,299	202.76	0.14
31.70	0.00	9,248	202.76	0.14
31.80	0.00	9,197	202.75	0.14
31.90	0.00	9,146	202.74	0.14
32.00	0.00	9,096	202.73	0.14
32.10	0.00	9,045	202.72	0.14
32.20	0.00	8,995	202.71	0.14
32.30	0.00	8,946	202.70	0.14
32.40	0.00	8,897	202.70	0.14
32.50	0.00	8,848	202.69	0.14
32.60	0.00	8,799	202.68	0.13
32.70	0.00	8,750	202.67	0.13
32.80	0.00	8,702	202.66	0.13
32.90	0.00	8,654	202.66	0.13
33.00	0.00	8,607	202.65	0.13
33.10	0.00	8,560	202.64	0.13
33.20	0.00	8,513	202.63	0.13
33.30	0.00	8,466	202.62	0.13
33.40	0.00	8,420	202.62	0.13
33.50	0.00	8,374	202.61	0.13
33.60	0.00	8,328	202.60	0.13
33.70	0.00	8,283	202.59	0.13
33.80	0.00	8,238	202.58	0.12
33.90	0.00	8,193	202.58	0.12
34.00	0.00	8,148	202.57	0.12
34.10	0.00	8,104	202.56	0.12
34.20	0.00	8,060	202.55	0.12
34.30	0.00	8,016	202.55	0.12
34.40	0.00	7,973	202.54	0.12
34.50	0.00	7,930	202.53	0.12
34.60	0.00	7,887	202.52	0.12
34.70	0.00	7,845	202.52	0.12
34.80	0.00	7,803	202.51	0.12
34.90	0.00	7,761	202.50	0.12
35.00	0.00	7,720	202.49	0.11
35.10	0.00	7,678	202.49	0.11
35.20	0.00	7,638	202.48	0.11
35.30	0.00	7,597	202.47	0.11
35.40	0.00	7,557	202.47	0.11
35.50	0.00	7,517	202.46	0.11
35.60	0.00	7,477	202.45	0.11
35.70	0.00	7,438	202.44	0.11
35.80	0.00	7,399	202.44	0.11
35.90	0.00	7,360	202.43	0.11
36.00	0.00	7,322	202.42	0.11
36.10	0.00	7,283	202.42	0.11
36.20	0.00	7,246	202.41	0.10
36.30	0.00	7,208	202.40	0.10

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,171	202.40	0.10
36.50	0.00	7,134	202.39	0.10
36.60	0.00	7,098	202.38	0.10
36.70	0.00	7,061	202.38	0.10
36.80	0.00	7,025	202.37	0.10
36.90	0.00	6,990	202.37	0.10
37.00	0.00	6,954	202.36	0.10
37.10	0.00	6,919	202.35	0.10
37.20	0.00	6,885	202.35	0.10
37.30	0.00	6,850	202.34	0.10
37.40	0.00	6,816	202.33	0.09
37.50	0.00	6,782	202.33	0.09
37.60	0.00	6,749	202.32	0.09
37.70	0.00	6,716	202.32	0.09
37.80	0.00	6,683	202.31	0.09
37.90	0.00	6,650	202.30	0.09
38.00	0.00	6,618	202.30	0.09
38.10	0.00	6,586	202.29	0.09
38.20	0.00	6,555	202.29	0.09
38.30	0.00	6,523	202.28	0.09
38.40	0.00	6,492	202.28	0.09
38.50	0.00	6,462	202.27	0.08
38.60	0.00	6,431	202.27	0.08
38.70	0.00	6,401	202.26	0.08
38.80	0.00	6,372	202.25	0.08
38.90	0.00	6,342	202.25	0.08
39.00	0.00	6,313	202.24	0.08
39.10	0.00	6,285	202.24	0.08
39.20	0.00	6,256	202.23	0.08
39.30	0.00	6,228	202.23	0.08
39.40	0.00	6,200	202.22	0.08
39.50	0.00	6,173	202.22	0.08
39.60	0.00	6,146	202.21	0.08
39.70	0.00	6,119	202.21	0.07
39.80	0.00	6,092	202.20	0.07
39.90	0.00	6,066	202.20	0.07
40.00	0.00	6,040	202.19	0.07

Stage-Discharge for Pond B-12: Basin #12

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

Stage-Discharge for Pond B-12: Basin #12 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.17	203.60	0.62	204.12	6.43	204.64	21.45
203.09	0.17	203.61	0.68	204.13	6.57	204.65	22.32
203.10	0.17	203.62	0.75	204.14	6.72	204.66	23.21
203.11	0.17	203.63	0.82	204.15	6.87	204.67	24.12
203.12	0.17	203.64	0.89	204.16	7.02	204.68	25.06
203.13	0.17	203.65	0.96	204.17	7.17	204.69	26.02
203.14	0.17	203.66	1.04	204.18	7.33	204.70	26.83
203.15	0.18	203.67	1.12	204.19	7.48	204.71	27.69
203.16	0.18	203.68	1.20	204.20	7.64	204.72	28.57
203.17	0.18	203.69	1.29	204.21	7.79	204.73	29.48
203.18	0.18	203.70	1.37	204.22	7.95	204.74	30.41
203.19	0.18	203.71	1.46	204.23	8.11	204.75	31.37
203.20	0.18	203.72	1.55	204.24	8.26	204.76	32.36
203.21	0.18	203.73	1.64	204.25	8.42	204.77	33.37
203.22	0.18	203.74	1.74	204.26	8.58	204.78	34.40
203.23	0.18	203.75	1.83	204.27	8.74	204.79	35.46
203.24	0.18	203.76	1.93	204.28	8.91	204.80	36.54
203.25	0.18	203.77	2.03	204.29	9.07	204.81	37.65
203.26	0.18	203.78	2.13	204.30	9.23	204.82	38.78
203.27	0.18	203.79	2.23	204.31	9.40	204.83	39.94
203.28	0.19	203.80	2.34	204.32	9.56	204.84	41.12
203.29	0.19	203.81	2.44	204.33	9.73	204.85	42.32
203.30	0.19	203.82	2.55	204.34	9.90	204.86	43.55
203.31	0.19	203.83	2.66	204.35	10.07	204.87	44.80
203.32	0.19	203.84	2.77	204.36	10.24	204.88	46.08
203.33	0.19	203.85	2.88	204.37	10.40	204.89	47.38
203.34	0.19	203.86	3.00	204.38	10.58	204.90	48.71
203.35	0.19	203.87	3.11	204.39	10.75	204.91	50.08
203.36	0.19	203.88	3.23	204.40	10.92	204.92	51.48
203.37	0.19	203.89	3.35	204.41	11.09	204.93	52.91
203.38	0.19	203.90	3.47	204.42	11.27	204.94	54.37
203.39	0.19	203.91	3.59	204.43	11.44	204.95	55.85
203.40	0.19	203.92	3.71	204.44	11.62	204.96	57.35
203.41	0.19	203.93	3.84	204.45	11.79	204.97	58.89
203.42	0.20	203.94	3.96	204.46	11.97	204.98	60.45
203.43	0.20	203.95	4.09	204.47	12.15	204.99	62.03
203.44	0.20	203.96	4.22	204.48	12.33	205.00	63.65
203.45	0.20	203.97	4.35	204.49	12.51		
203.46	0.20	203.98	4.48	204.50	12.69		
203.47	0.20	203.99	4.61	204.51	12.98		
203.48	0.20	204.00	4.74	204.52	13.38		
203.49	0.20	204.01	4.87	204.53	13.84		
203.50	0.20	204.02	5.01	204.54	14.35		
203.51	0.21	204.03	5.15	204.55	14.91		
203.52	0.24	204.04	5.28	204.56	15.51		
203.53	0.27	204.05	5.42	204.57	16.14		
203.54	0.31	204.06	5.56	204.58	16.81		
203.55	0.35	204.07	5.70	204.59	17.51		
203.56	0.40	204.08	5.85	204.60	18.24		
203.57	0.45	204.09	5.99	204.61	19.00		
203.58	0.50	204.10	6.13	204.62	19.79		
203.59	0.56	204.11	6.28	204.63	20.61		

Stage-Area-Storage for Pond B-12: Basin #12

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	4,623	0	201.52	5,001	2,502
201.01	4,630	46	201.53	5,008	2,552
201.02	4,638	93	201.54	5,016	2,602
201.03	4,645	139	201.55	5,023	2,653
201.04	4,652	186	201.56	5,030	2,703
201.05	4,659	232	201.57	5,037	2,753
201.06	4,667	279	201.58	5,045	2,804
201.07	4,674	325	201.59	5,052	2,854
201.08	4,681	372	201.60	5,059	2,905
201.09	4,688	419	201.61	5,066	2,955
201.10	4,696	466	201.62	5,074	3,006
201.11	4,703	513	201.63	5,081	3,057
201.12	4,710	560	201.64	5,088	3,108
201.13	4,718	607	201.65	5,096	3,159
201.14	4,725	654	201.66	5,103	3,210
201.15	4,732	702	201.67	5,110	3,261
201.16	4,739	749	201.68	5,117	3,312
201.17	4,747	796	201.69	5,125	3,363
201.18	4,754	844	201.70	5,132	3,414
201.19	4,761	891	201.71	5,139	3,466
201.20	4,768	939	201.72	5,146	3,517
201.21	4,776	987	201.73	5,154	3,568
201.22	4,783	1,035	201.74	5,161	3,620
201.23	4,790	1,083	201.75	5,168	3,672
201.24	4,797	1,130	201.76	5,176	3,723
201.25	4,805	1,178	201.77	5,183	3,775
201.26	4,812	1,227	201.78	5,190	3,827
201.27	4,819	1,275	201.79	5,197	3,879
201.28	4,827	1,323	201.80	5,205	3,931
201.29	4,834	1,371	201.81	5,212	3,983
201.30	4,841	1,420	201.82	5,219	4,035
201.31	4,848	1,468	201.83	5,226	4,088
201.32	4,856	1,517	201.84	5,234	4,140
201.33	4,863	1,565	201.85	5,241	4,192
201.34	4,870	1,614	201.86	5,248	4,245
201.35	4,877	1,663	201.87	5,255	4,297
201.36	4,885	1,711	201.88	5,263	4,350
201.37	4,892	1,760	201.89	5,270	4,402
201.38	4,899	1,809	201.90	5,277	4,455
201.39	4,907	1,858	201.91	5,285	4,508
201.40	4,914	1,907	201.92	5,292	4,561
201.41	4,921	1,957	201.93	5,299	4,614
201.42	4,928	2,006	201.94	5,306	4,667
201.43	4,936	2,055	201.95	5,314	4,720
201.44	4,943	2,104	201.96	5,321	4,773
201.45	4,950	2,154	201.97	5,328	4,826
201.46	4,957	2,203	201.98	5,335	4,880
201.47	4,965	2,253	201.99	5,343	4,933
201.48	4,972	2,303	202.00	5,350	4,987
201.49	4,979	2,353	202.01	5,358	5,040
201.50	4,987	2,402	202.02	5,365	5,094
201.51	4,994	2,452	202.03	5,373	5,147

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	5,380	5,201	202.56	5,773	8,101
202.05	5,388	5,255	202.57	5,780	8,159
202.06	5,395	5,309	202.58	5,788	8,216
202.07	5,403	5,363	202.59	5,795	8,274
202.08	5,410	5,417	202.60	5,803	8,332
202.09	5,418	5,471	202.61	5,811	8,390
202.10	5,425	5,525	202.62	5,818	8,449
202.11	5,433	5,580	202.63	5,826	8,507
202.12	5,441	5,634	202.64	5,833	8,565
202.13	5,448	5,688	202.65	5,841	8,623
202.14	5,456	5,743	202.66	5,848	8,682
202.15	5,463	5,797	202.67	5,856	8,740
202.16	5,471	5,852	202.68	5,863	8,799
202.17	5,478	5,907	202.69	5,871	8,858
202.18	5,486	5,962	202.70	5,878	8,916
202.19	5,493	6,017	202.71	5,886	8,975
202.20	5,501	6,072	202.72	5,894	9,034
202.21	5,509	6,127	202.73	5,901	9,093
202.22	5,516	6,182	202.74	5,909	9,152
202.23	5,524	6,237	202.75	5,916	9,211
202.24	5,531	6,292	202.76	5,924	9,271
202.25	5,539	6,348	202.77	5,931	9,330
202.26	5,546	6,403	202.78	5,939	9,389
202.27	5,554	6,459	202.79	5,946	9,449
202.28	5,561	6,514	202.80	5,954	9,508
202.29	5,569	6,570	202.81	5,962	9,568
202.30	5,577	6,625	202.82	5,969	9,627
202.31	5,584	6,681	202.83	5,977	9,687
202.32	5,592	6,737	202.84	5,984	9,747
202.33	5,599	6,793	202.85	5,992	9,807
202.34	5,607	6,849	202.86	5,999	9,867
202.35	5,614	6,905	202.87	6,007	9,927
202.36	5,622	6,961	202.88	6,014	9,987
202.37	5,629	7,018	202.89	6,022	10,047
202.38	5,637	7,074	202.90	6,030	10,107
202.39	5,644	7,130	202.91	6,037	10,168
202.40	5,652	7,187	202.92	6,045	10,228
202.41	5,660	7,243	202.93	6,052	10,288
202.42	5,667	7,300	202.94	6,060	10,349
202.43	5,675	7,357	202.95	6,067	10,410
202.44	5,682	7,414	202.96	6,075	10,470
202.45	5,690	7,470	202.97	6,082	10,531
202.46	5,697	7,527	202.98	6,090	10,592
202.47	5,705	7,584	202.99	6,097	10,653
202.48	5,712	7,641	203.00	6,105	10,714
202.49	5,720	7,699	203.01	6,113	10,775
202.50	5,728	7,756	203.02	6,121	10,836
202.51	5,735	7,813	203.03	6,128	10,898
202.52	5,743	7,871	203.04	6,136	10,959
202.53	5,750	7,928	203.05	6,144	11,020
202.54	5,758	7,986	203.06	6,152	11,082
202.55	5,765	8,043	203.07	6,159	11,143

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	6,167	11,205	203.60	6,572	14,517
203.09	6,175	11,267	203.61	6,580	14,583
203.10	6,183	11,328	203.62	6,587	14,649
203.11	6,191	11,390	203.63	6,595	14,715
203.12	6,198	11,452	203.64	6,603	14,781
203.13	6,206	11,514	203.65	6,611	14,847
203.14	6,214	11,576	203.66	6,618	14,913
203.15	6,222	11,639	203.67	6,626	14,979
203.16	6,229	11,701	203.68	6,634	15,045
203.17	6,237	11,763	203.69	6,642	15,112
203.18	6,245	11,826	203.70	6,650	15,178
203.19	6,253	11,888	203.71	6,657	15,245
203.20	6,261	11,951	203.72	6,665	15,311
203.21	6,268	12,013	203.73	6,673	15,378
203.22	6,276	12,076	203.74	6,681	15,445
203.23	6,284	12,139	203.75	6,689	15,512
203.24	6,292	12,202	203.76	6,696	15,578
203.25	6,300	12,265	203.77	6,704	15,645
203.26	6,307	12,328	203.78	6,712	15,713
203.27	6,315	12,391	203.79	6,720	15,780
203.28	6,323	12,454	203.80	6,727	15,847
203.29	6,331	12,517	203.81	6,735	15,914
203.30	6,338	12,581	203.82	6,743	15,982
203.31	6,346	12,644	203.83	6,751	16,049
203.32	6,354	12,707	203.84	6,759	16,117
203.33	6,362	12,771	203.85	6,766	16,184
203.34	6,370	12,835	203.86	6,774	16,252
203.35	6,377	12,898	203.87	6,782	16,320
203.36	6,385	12,962	203.88	6,790	16,388
203.37	6,393	13,026	203.89	6,797	16,456
203.38	6,401	13,090	203.90	6,805	16,524
203.39	6,408	13,154	203.91	6,813	16,592
203.40	6,416	13,218	203.92	6,821	16,660
203.41	6,424	13,282	203.93	6,829	16,728
203.42	6,432	13,347	203.94	6,836	16,796
203.43	6,440	13,411	203.95	6,844	16,865
203.44	6,447	13,476	203.96	6,852	16,933
203.45	6,455	13,540	203.97	6,860	17,002
203.46	6,463	13,605	203.98	6,867	17,070
203.47	6,471	13,669	203.99	6,875	17,139
203.48	6,478	13,734	204.00	6,883	17,208
203.49	6,486	13,799	204.01	6,891	17,277
203.50	6,494	13,864	204.02	6,899	17,346
203.51	6,502	13,929	204.03	6,907	17,415
203.52	6,510	13,994	204.04	6,915	17,484
203.53	6,517	14,059	204.05	6,923	17,553
203.54	6,525	14,124	204.06	6,930	17,622
203.55	6,533	14,189	204.07	6,938	17,692
203.56	6,541	14,255	204.08	6,946	17,761
203.57	6,548	14,320	204.09	6,954	17,831
203.58	6,556	14,386	204.10	6,962	17,900
203.59	6,564	14,451	204.11	6,970	17,970

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	6,978	18,040	204.64	7,389	21,775
204.13	6,986	18,109	204.65	7,397	21,849
204.14	6,994	18,179	204.66	7,405	21,923
204.15	7,002	18,249	204.67	7,413	21,997
204.16	7,010	18,319	204.68	7,421	22,071
204.17	7,017	18,390	204.69	7,429	22,146
204.18	7,025	18,460	204.70	7,437	22,220
204.19	7,033	18,530	204.71	7,445	22,294
204.20	7,041	18,600	204.72	7,453	22,369
204.21	7,049	18,671	204.73	7,460	22,443
204.22	7,057	18,741	204.74	7,468	22,518
204.23	7,065	18,812	204.75	7,476	22,593
204.24	7,073	18,883	204.76	7,484	22,668
204.25	7,081	18,953	204.77	7,492	22,742
204.26	7,089	19,024	204.78	7,500	22,817
204.27	7,097	19,095	204.79	7,508	22,892
204.28	7,104	19,166	204.80	7,516	22,968
204.29	7,112	19,237	204.81	7,524	23,043
204.30	7,120	19,308	204.82	7,532	23,118
204.31	7,128	19,380	204.83	7,540	23,193
204.32	7,136	19,451	204.84	7,547	23,269
204.33	7,144	19,522	204.85	7,555	23,344
204.34	7,152	19,594	204.86	7,563	23,420
204.35	7,160	19,665	204.87	7,571	23,496
204.36	7,168	19,737	204.88	7,579	23,571
204.37	7,176	19,809	204.89	7,587	23,647
204.38	7,184	19,881	204.90	7,595	23,723
204.39	7,191	19,953	204.91	7,603	23,799
204.40	7,199	20,024	204.92	7,611	23,875
204.41	7,207	20,097	204.93	7,619	23,951
204.42	7,215	20,169	204.94	7,627	24,027
204.43	7,223	20,241	204.95	7,634	24,104
204.44	7,231	20,313	204.96	7,642	24,180
204.45	7,239	20,385	204.97	7,650	24,257
204.46	7,247	20,458	204.98	7,658	24,333
204.47	7,255	20,530	204.99	7,666	24,410
204.48	7,263	20,603	205.00	7,674	24,487
204.49	7,271	20,676			
204.50	7,279	20,748			
204.51	7,286	20,821			
204.52	7,294	20,894			
204.53	7,302	20,967			
204.54	7,310	21,040			
204.55	7,318	21,113			
204.56	7,326	21,187			
204.57	7,334	21,260			
204.58	7,342	21,333			
204.59	7,350	21,407			
204.60	7,358	21,480			
204.61	7,366	21,554			
204.62	7,373	21,627			
204.63	7,381	21,701			

Summary for Pond B-13: Basin #13

Inflow Area = 2.350 ac, 62.43% Impervious, Inflow Depth = 7.12" for Current 100 yr event
 Inflow = 16.47 cfs @ 12.17 hrs, Volume= 1.394 af
 Outflow = 10.66 cfs @ 12.29 hrs, Volume= 1.163 af, Atten= 35%, Lag= 7.3 min
 Primary = 10.66 cfs @ 12.29 hrs, Volume= 1.163 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.89' @ 12.29 hrs Surf.Area= 10,423 sf Storage= 26,516 cf

Plug-Flow detention time= 334.4 min calculated for 1.162 af (83% of inflow)
 Center-of-Mass det. time= 262.7 min (1,028.9 - 766.2)

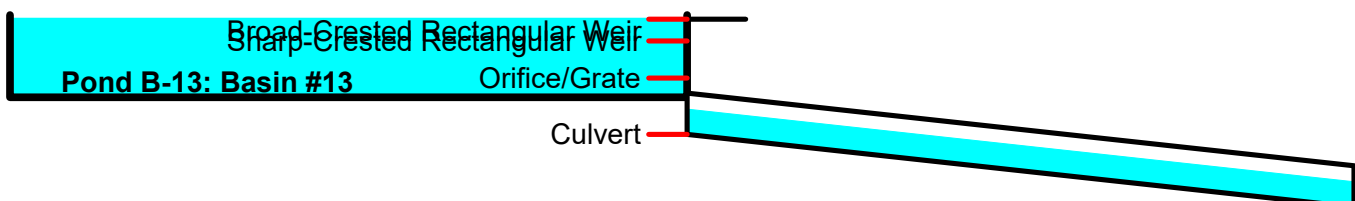
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	27,707 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,975	0	0
193.00	8,804	8,390	8,390
194.00	9,654	9,229	17,619
195.00	10,522	10,088	27,707

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 57.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0465 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.85'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

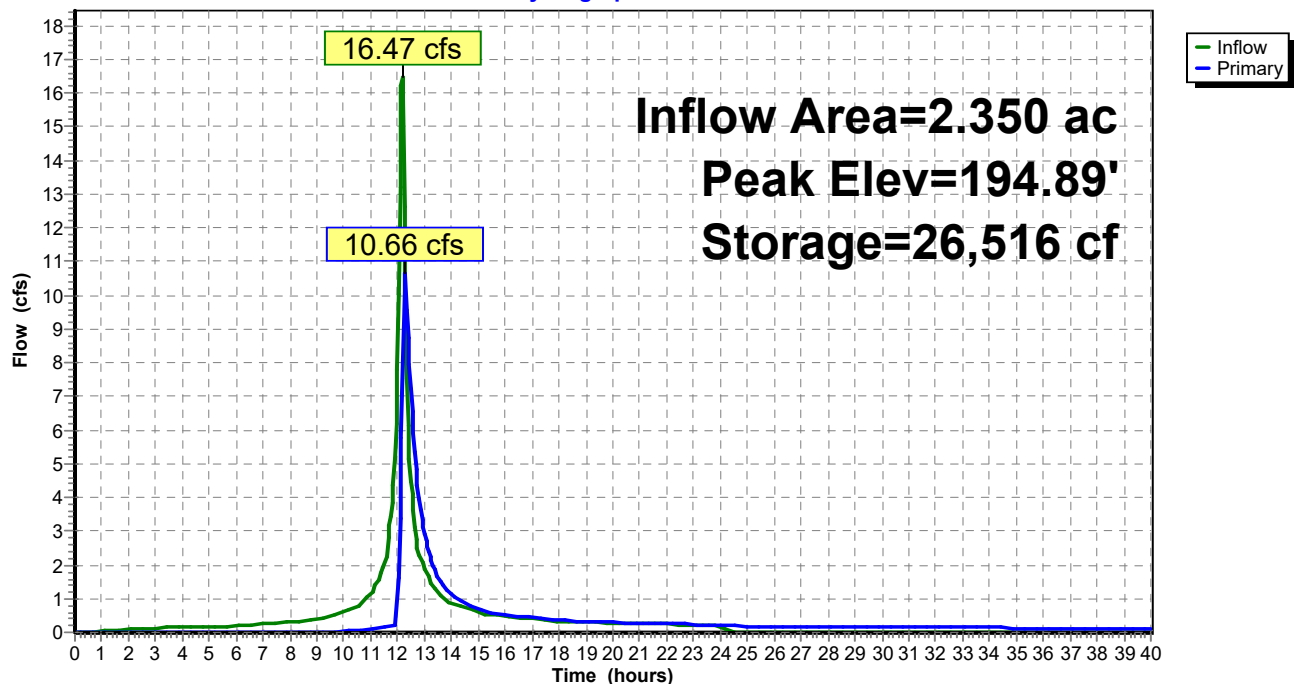
Primary OutFlow Max=10.51 cfs @ 12.29 hrs HW=194.88' (Free Discharge)

1=Culvert (Passes 9.78 cfs of 15.88 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 6.94 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 9.54 cfs @ 2.99 fps)
 4=Broad-Crested Rectangular Weir (Weir Controls 0.73 cfs @ 0.43 fps)



Pond B-13: Basin #13

Hydrograph



Hydrograph for Pond B-13: Basin #13

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	1	192.00	0.00
0.70	0.01	3	192.00	0.00
0.80	0.02	9	192.00	0.00
0.90	0.03	19	192.00	0.00
1.00	0.04	31	192.00	0.00
1.10	0.05	46	192.01	0.00
1.20	0.05	65	192.01	0.00
1.30	0.06	85	192.01	0.00
1.40	0.07	108	192.01	0.00
1.50	0.07	132	192.02	0.00
1.60	0.08	159	192.02	0.00
1.70	0.08	188	192.02	0.00
1.80	0.09	218	192.03	0.00
1.90	0.09	250	192.03	0.00
2.00	0.10	284	192.04	0.00
2.10	0.10	319	192.04	0.00
2.20	0.10	356	192.04	0.00
2.30	0.11	393	192.05	0.00
2.40	0.11	432	192.05	0.00
2.50	0.11	473	192.06	0.00
2.60	0.12	514	192.06	0.00
2.70	0.12	557	192.07	0.00
2.80	0.12	600	192.07	0.00
2.90	0.13	645	192.08	0.00
3.00	0.13	691	192.09	0.00
3.10	0.13	737	192.09	0.00
3.20	0.13	785	192.10	0.00
3.30	0.14	833	192.10	0.00
3.40	0.14	882	192.11	0.00
3.50	0.14	932	192.12	0.00
3.60	0.14	984	192.12	0.00
3.70	0.15	1,035	192.13	0.00
3.80	0.15	1,088	192.14	0.00
3.90	0.15	1,141	192.14	0.00
4.00	0.15	1,195	192.15	0.00
4.10	0.15	1,250	192.16	0.00
4.20	0.16	1,306	192.16	0.00
4.30	0.16	1,362	192.17	0.00
4.40	0.16	1,419	192.18	0.00
4.50	0.16	1,477	192.18	0.00
4.60	0.16	1,536	192.19	0.00
4.70	0.16	1,595	192.20	0.00
4.80	0.17	1,654	192.21	0.00
4.90	0.17	1,715	192.21	0.00
5.00	0.17	1,776	192.22	0.00
5.10	0.17	1,838	192.23	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.17	1,900	192.24	0.00
5.30	0.18	1,963	192.24	0.00
5.40	0.18	2,026	192.25	0.00
5.50	0.18	2,090	192.26	0.00
5.60	0.18	2,155	192.27	0.00
5.70	0.18	2,220	192.27	0.00
5.80	0.18	2,286	192.28	0.00
5.90	0.19	2,353	192.29	0.00
6.00	0.19	2,420	192.30	0.00
6.10	0.19	2,487	192.31	0.00
6.20	0.19	2,556	192.32	0.00
6.30	0.20	2,627	192.32	0.00
6.40	0.20	2,700	192.33	0.00
6.50	0.21	2,774	192.34	0.00
6.60	0.22	2,851	192.35	0.00
6.70	0.22	2,930	192.36	0.00
6.80	0.23	3,011	192.37	0.00
6.90	0.24	3,095	192.38	0.00
7.00	0.24	3,181	192.39	0.00
7.10	0.25	3,269	192.40	0.00
7.20	0.26	3,360	192.41	0.00
7.30	0.26	3,453	192.42	0.00
7.40	0.27	3,549	192.44	0.00
7.50	0.28	3,647	192.45	0.00
7.60	0.28	3,747	192.46	0.00
7.70	0.29	3,850	192.47	0.00
7.80	0.30	3,955	192.48	0.00
7.90	0.30	4,063	192.50	0.00
8.00	0.31	4,174	192.51	0.00
8.10	0.32	4,287	192.52	0.00
8.20	0.33	4,403	192.54	0.00
8.30	0.33	4,522	192.55	0.00
8.40	0.34	4,642	192.57	0.00
8.50	0.35	4,766	192.58	0.00
8.60	0.35	4,892	192.60	0.00
8.70	0.36	5,021	192.61	0.00
8.80	0.37	5,153	192.63	0.00
8.90	0.38	5,288	192.64	0.00
9.00	0.38	5,425	192.66	0.00
9.10	0.40	5,565	192.67	0.00
9.20	0.42	5,711	192.69	0.00
9.30	0.44	5,865	192.71	0.00
9.40	0.46	6,027	192.73	0.00
9.50	0.49	6,197	192.75	0.00
9.60	0.51	6,375	192.77	0.01
9.70	0.54	6,559	192.79	0.01
9.80	0.56	6,750	192.81	0.02
9.90	0.59	6,948	192.83	0.03
10.00	0.61	7,152	192.86	0.04
10.10	0.64	7,362	192.88	0.05
10.20	0.67	7,579	192.91	0.05
10.30	0.69	7,803	192.93	0.06

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.72	8,035	192.96	0.06
10.50	0.75	8,274	192.99	0.07
10.60	0.79	8,523	193.02	0.08
10.70	0.87	8,793	193.05	0.08
10.80	0.96	9,092	193.08	0.09
10.90	1.06	9,423	193.12	0.09
11.00	1.15	9,786	193.16	0.10
11.10	1.27	10,186	193.20	0.10
11.20	1.44	10,634	193.25	0.11
11.30	1.62	11,143	193.31	0.12
11.40	1.81	11,716	193.37	0.12
11.50	1.99	12,354	193.44	0.13
11.60	2.40	13,081	193.52	0.14
11.70	3.16	14,036	193.62	0.15
11.80	3.82	15,226	193.75	0.16
11.90	5.15	16,764	193.91	0.17
12.00	7.80	18,946	194.14	0.52
12.10	13.18	21,996	194.44	3.39
12.20	15.86	25,450	194.78	8.15
12.30	9.56	26,510	194.89	10.64
12.40	6.13	25,817	194.82	8.72
12.50	4.49	24,828	194.72	7.21
12.60	3.63	23,937	194.64	5.92
12.70	2.74	23,139	194.56	4.83
12.80	2.36	22,472	194.49	3.97
12.90	2.12	21,963	194.44	3.35
13.00	1.91	21,568	194.40	2.89
13.10	1.71	21,246	194.37	2.53
13.20	1.53	20,970	194.34	2.24
13.30	1.40	20,736	194.32	2.00
13.40	1.29	20,537	194.30	1.80
13.50	1.18	20,364	194.28	1.63
13.60	1.07	20,207	194.26	1.49
13.70	0.98	20,063	194.25	1.36
13.80	0.94	19,938	194.24	1.25
13.90	0.90	19,835	194.23	1.17
14.00	0.88	19,749	194.22	1.09
14.10	0.85	19,676	194.21	1.04
14.20	0.82	19,612	194.20	0.99
14.30	0.79	19,555	194.20	0.94
14.40	0.76	19,504	194.19	0.90
14.50	0.73	19,455	194.19	0.86
14.60	0.71	19,409	194.18	0.83
14.70	0.68	19,365	194.18	0.80
14.80	0.65	19,321	194.17	0.77
14.90	0.62	19,278	194.17	0.74
15.00	0.59	19,236	194.17	0.71
15.10	0.56	19,194	194.16	0.68
15.20	0.54	19,153	194.16	0.65
15.30	0.53	19,115	194.15	0.63
15.40	0.52	19,081	194.15	0.61
15.50	0.51	19,051	194.15	0.59

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.50	19,025	194.14	0.57
15.70	0.50	19,002	194.14	0.56
15.80	0.49	18,981	194.14	0.55
15.90	0.48	18,961	194.14	0.53
16.00	0.48	18,944	194.14	0.52
16.10	0.47	18,927	194.13	0.51
16.20	0.46	18,911	194.13	0.50
16.30	0.45	18,896	194.13	0.49
16.40	0.44	18,882	194.13	0.48
16.50	0.44	18,868	194.13	0.48
16.60	0.43	18,853	194.13	0.47
16.70	0.42	18,839	194.13	0.46
16.80	0.41	18,825	194.12	0.45
16.90	0.41	18,810	194.12	0.45
17.00	0.40	18,796	194.12	0.44
17.10	0.39	18,781	194.12	0.43
17.20	0.38	18,767	194.12	0.42
17.30	0.38	18,753	194.12	0.42
17.40	0.37	18,738	194.12	0.41
17.50	0.36	18,723	194.11	0.40
17.60	0.35	18,709	194.11	0.39
17.70	0.35	18,694	194.11	0.39
17.80	0.34	18,680	194.11	0.38
17.90	0.33	18,665	194.11	0.37
18.00	0.32	18,650	194.11	0.36
18.10	0.32	18,636	194.10	0.36
18.20	0.31	18,621	194.10	0.35
18.30	0.31	18,608	194.10	0.34
18.40	0.30	18,596	194.10	0.34
18.50	0.30	18,585	194.10	0.33
18.60	0.30	18,575	194.10	0.33
18.70	0.30	18,566	194.10	0.32
18.80	0.30	18,557	194.10	0.32
18.90	0.30	18,549	194.10	0.32
19.00	0.29	18,541	194.10	0.31
19.10	0.29	18,533	194.09	0.31
19.20	0.29	18,526	194.09	0.31
19.30	0.29	18,519	194.09	0.31
19.40	0.29	18,513	194.09	0.30
19.50	0.28	18,506	194.09	0.30
19.60	0.28	18,500	194.09	0.30
19.70	0.28	18,494	194.09	0.30
19.80	0.28	18,488	194.09	0.29
19.90	0.28	18,483	194.09	0.29
20.00	0.27	18,477	194.09	0.29
20.10	0.27	18,472	194.09	0.29
20.20	0.27	18,466	194.09	0.29
20.30	0.27	18,461	194.09	0.28
20.40	0.27	18,455	194.09	0.28
20.50	0.27	18,450	194.09	0.28
20.60	0.26	18,445	194.09	0.28
20.70	0.26	18,440	194.08	0.28

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	18,434	194.08	0.27
20.90	0.26	18,429	194.08	0.27
21.00	0.26	18,424	194.08	0.27
21.10	0.25	18,419	194.08	0.27
21.20	0.25	18,414	194.08	0.27
21.30	0.25	18,409	194.08	0.26
21.40	0.25	18,404	194.08	0.26
21.50	0.25	18,399	194.08	0.26
21.60	0.24	18,394	194.08	0.26
21.70	0.24	18,388	194.08	0.26
21.80	0.24	18,383	194.08	0.25
21.90	0.24	18,379	194.08	0.25
22.00	0.24	18,374	194.08	0.25
22.10	0.23	18,368	194.08	0.25
22.20	0.23	18,363	194.08	0.25
22.30	0.23	18,359	194.08	0.25
22.40	0.23	18,354	194.08	0.24
22.50	0.23	18,349	194.08	0.24
22.60	0.23	18,343	194.07	0.24
22.70	0.22	18,339	194.07	0.24
22.80	0.22	18,334	194.07	0.24
22.90	0.22	18,328	194.07	0.23
23.00	0.22	18,323	194.07	0.23
23.10	0.22	18,319	194.07	0.23
23.20	0.21	18,314	194.07	0.23
23.30	0.21	18,308	194.07	0.23
23.40	0.21	18,303	194.07	0.22
23.50	0.21	18,299	194.07	0.22
23.60	0.21	18,293	194.07	0.22
23.70	0.20	18,288	194.07	0.22
23.80	0.20	18,283	194.07	0.22
23.90	0.20	18,277	194.07	0.22
24.00	0.21	18,272	194.07	0.22
24.10	0.18	18,268	194.07	0.22
24.20	0.05	18,231	194.06	0.21
24.30	0.01	18,168	194.06	0.20
24.40	0.00	18,102	194.05	0.18
24.50	0.00	18,037	194.04	0.18
24.60	0.00	17,971	194.04	0.18
24.70	0.00	17,905	194.03	0.18
24.80	0.00	17,840	194.02	0.18
24.90	0.00	17,775	194.02	0.18
25.00	0.00	17,710	194.01	0.18
25.10	0.00	17,645	194.00	0.18
25.20	0.00	17,581	194.00	0.18
25.30	0.00	17,516	193.99	0.18
25.40	0.00	17,452	193.98	0.18
25.50	0.00	17,388	193.98	0.18
25.60	0.00	17,324	193.97	0.18
25.70	0.00	17,260	193.96	0.18
25.80	0.00	17,197	193.96	0.18
25.90	0.00	17,133	193.95	0.18

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	17,070	193.94	0.18
26.10	0.00	17,007	193.94	0.17
26.20	0.00	16,945	193.93	0.17
26.30	0.00	16,882	193.92	0.17
26.40	0.00	16,820	193.92	0.17
26.50	0.00	16,757	193.91	0.17
26.60	0.00	16,695	193.90	0.17
26.70	0.00	16,633	193.90	0.17
26.80	0.00	16,572	193.89	0.17
26.90	0.00	16,510	193.88	0.17
27.00	0.00	16,449	193.88	0.17
27.10	0.00	16,388	193.87	0.17
27.20	0.00	16,327	193.87	0.17
27.30	0.00	16,266	193.86	0.17
27.40	0.00	16,205	193.85	0.17
27.50	0.00	16,145	193.85	0.17
27.60	0.00	16,085	193.84	0.17
27.70	0.00	16,025	193.83	0.17
27.80	0.00	15,965	193.83	0.17
27.90	0.00	15,905	193.82	0.17
28.00	0.00	15,846	193.81	0.17
28.10	0.00	15,786	193.81	0.16
28.20	0.00	15,727	193.80	0.16
28.30	0.00	15,668	193.80	0.16
28.40	0.00	15,610	193.79	0.16
28.50	0.00	15,551	193.78	0.16
28.60	0.00	15,493	193.78	0.16
28.70	0.00	15,434	193.77	0.16
28.80	0.00	15,376	193.77	0.16
28.90	0.00	15,319	193.76	0.16
29.00	0.00	15,261	193.75	0.16
29.10	0.00	15,203	193.75	0.16
29.20	0.00	15,146	193.74	0.16
29.30	0.00	15,089	193.73	0.16
29.40	0.00	15,032	193.73	0.16
29.50	0.00	14,975	193.72	0.16
29.60	0.00	14,919	193.72	0.16
29.70	0.00	14,862	193.71	0.16
29.80	0.00	14,806	193.70	0.16
29.90	0.00	14,750	193.70	0.16
30.00	0.00	14,695	193.69	0.15
30.10	0.00	14,639	193.69	0.15
30.20	0.00	14,583	193.68	0.15
30.30	0.00	14,528	193.68	0.15
30.40	0.00	14,473	193.67	0.15
30.50	0.00	14,418	193.66	0.15
30.60	0.00	14,364	193.66	0.15
30.70	0.00	14,309	193.65	0.15
30.80	0.00	14,255	193.65	0.15
30.90	0.00	14,201	193.64	0.15
31.00	0.00	14,147	193.63	0.15
31.10	0.00	14,093	193.63	0.15

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	14,039	193.62	0.15
31.30	0.00	13,986	193.62	0.15
31.40	0.00	13,933	193.61	0.15
31.50	0.00	13,880	193.61	0.15
31.60	0.00	13,827	193.60	0.15
31.70	0.00	13,774	193.59	0.15
31.80	0.00	13,722	193.59	0.15
31.90	0.00	13,670	193.58	0.14
32.00	0.00	13,618	193.58	0.14
32.10	0.00	13,566	193.57	0.14
32.20	0.00	13,514	193.57	0.14
32.30	0.00	13,463	193.56	0.14
32.40	0.00	13,411	193.56	0.14
32.50	0.00	13,360	193.55	0.14
32.60	0.00	13,309	193.54	0.14
32.70	0.00	13,259	193.54	0.14
32.80	0.00	13,208	193.53	0.14
32.90	0.00	13,158	193.53	0.14
33.00	0.00	13,107	193.52	0.14
33.10	0.00	13,057	193.52	0.14
33.20	0.00	13,008	193.51	0.14
33.30	0.00	12,958	193.51	0.14
33.40	0.00	12,909	193.50	0.14
33.50	0.00	12,859	193.50	0.14
33.60	0.00	12,810	193.49	0.14
33.70	0.00	12,761	193.49	0.14
33.80	0.00	12,713	193.48	0.13
33.90	0.00	12,664	193.47	0.13
34.00	0.00	12,616	193.47	0.13
34.10	0.00	12,568	193.46	0.13
34.20	0.00	12,520	193.46	0.13
34.30	0.00	12,472	193.45	0.13
34.40	0.00	12,425	193.45	0.13
34.50	0.00	12,377	193.44	0.13
34.60	0.00	12,330	193.44	0.13
34.70	0.00	12,283	193.43	0.13
34.80	0.00	12,237	193.43	0.13
34.90	0.00	12,190	193.42	0.13
35.00	0.00	12,144	193.42	0.13
35.10	0.00	12,097	193.41	0.13
35.20	0.00	12,051	193.41	0.13
35.30	0.00	12,006	193.40	0.13
35.40	0.00	11,960	193.40	0.13
35.50	0.00	11,915	193.39	0.13
35.60	0.00	11,869	193.39	0.13
35.70	0.00	11,824	193.38	0.12
35.80	0.00	11,779	193.38	0.12
35.90	0.00	11,735	193.37	0.12
36.00	0.00	11,690	193.37	0.12
36.10	0.00	11,646	193.36	0.12
36.20	0.00	11,602	193.36	0.12
36.30	0.00	11,558	193.35	0.12

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,514	193.35	0.12
36.50	0.00	11,471	193.34	0.12
36.60	0.00	11,427	193.34	0.12
36.70	0.00	11,384	193.33	0.12
36.80	0.00	11,341	193.33	0.12
36.90	0.00	11,299	193.33	0.12
37.00	0.00	11,256	193.32	0.12
37.10	0.00	11,214	193.32	0.12
37.20	0.00	11,172	193.31	0.12
37.30	0.00	11,130	193.31	0.12
37.40	0.00	11,088	193.30	0.12
37.50	0.00	11,046	193.30	0.12
37.60	0.00	11,005	193.29	0.11
37.70	0.00	10,964	193.29	0.11
37.80	0.00	10,923	193.28	0.11
37.90	0.00	10,882	193.28	0.11
38.00	0.00	10,841	193.27	0.11
38.10	0.00	10,801	193.27	0.11
38.20	0.00	10,760	193.27	0.11
38.30	0.00	10,720	193.26	0.11
38.40	0.00	10,680	193.26	0.11
38.50	0.00	10,641	193.25	0.11
38.60	0.00	10,601	193.25	0.11
38.70	0.00	10,562	193.24	0.11
38.80	0.00	10,523	193.24	0.11
38.90	0.00	10,484	193.24	0.11
39.00	0.00	10,445	193.23	0.11
39.10	0.00	10,407	193.23	0.11
39.20	0.00	10,369	193.22	0.11
39.30	0.00	10,330	193.22	0.11
39.40	0.00	10,293	193.21	0.11
39.50	0.00	10,255	193.21	0.10
39.60	0.00	10,217	193.21	0.10
39.70	0.00	10,180	193.20	0.10
39.80	0.00	10,143	193.20	0.10
39.90	0.00	10,106	193.19	0.10
40.00	0.00	10,069	193.19	0.10

Stage-Discharge for Pond B-13: Basin #13

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.00	193.04	0.08	193.56	0.14
192.01	0.00	192.53	0.00	193.05	0.08	193.57	0.14
192.02	0.00	192.54	0.00	193.06	0.08	193.58	0.14
192.03	0.00	192.55	0.00	193.07	0.08	193.59	0.15
192.04	0.00	192.56	0.00	193.08	0.09	193.60	0.15
192.05	0.00	192.57	0.00	193.09	0.09	193.61	0.15
192.06	0.00	192.58	0.00	193.10	0.09	193.62	0.15
192.07	0.00	192.59	0.00	193.11	0.09	193.63	0.15
192.08	0.00	192.60	0.00	193.12	0.09	193.64	0.15
192.09	0.00	192.61	0.00	193.13	0.09	193.65	0.15
192.10	0.00	192.62	0.00	193.14	0.10	193.66	0.15
192.11	0.00	192.63	0.00	193.15	0.10	193.67	0.15
192.12	0.00	192.64	0.00	193.16	0.10	193.68	0.15
192.13	0.00	192.65	0.00	193.17	0.10	193.69	0.15
192.14	0.00	192.66	0.00	193.18	0.10	193.70	0.16
192.15	0.00	192.67	0.00	193.19	0.10	193.71	0.16
192.16	0.00	192.68	0.00	193.20	0.10	193.72	0.16
192.17	0.00	192.69	0.00	193.21	0.10	193.73	0.16
192.18	0.00	192.70	0.00	193.22	0.11	193.74	0.16
192.19	0.00	192.71	0.00	193.23	0.11	193.75	0.16
192.20	0.00	192.72	0.00	193.24	0.11	193.76	0.16
192.21	0.00	192.73	0.00	193.25	0.11	193.77	0.16
192.22	0.00	192.74	0.00	193.26	0.11	193.78	0.16
192.23	0.00	192.75	0.00	193.27	0.11	193.79	0.16
192.24	0.00	192.76	0.01	193.28	0.11	193.80	0.16
192.25	0.00	192.77	0.01	193.29	0.11	193.81	0.16
192.26	0.00	192.78	0.01	193.30	0.12	193.82	0.17
192.27	0.00	192.79	0.01	193.31	0.12	193.83	0.17
192.28	0.00	192.80	0.02	193.32	0.12	193.84	0.17
192.29	0.00	192.81	0.02	193.33	0.12	193.85	0.17
192.30	0.00	192.82	0.02	193.34	0.12	193.86	0.17
192.31	0.00	192.83	0.03	193.35	0.12	193.87	0.17
192.32	0.00	192.84	0.03	193.36	0.12	193.88	0.17
192.33	0.00	192.85	0.03	193.37	0.12	193.89	0.17
192.34	0.00	192.86	0.04	193.38	0.12	193.90	0.17
192.35	0.00	192.87	0.04	193.39	0.13	193.91	0.17
192.36	0.00	192.88	0.05	193.40	0.13	193.92	0.17
192.37	0.00	192.89	0.05	193.41	0.13	193.93	0.17
192.38	0.00	192.90	0.05	193.42	0.13	193.94	0.17
192.39	0.00	192.91	0.05	193.43	0.13	193.95	0.18
192.40	0.00	192.92	0.06	193.44	0.13	193.96	0.18
192.41	0.00	192.93	0.06	193.45	0.13	193.97	0.18
192.42	0.00	192.94	0.06	193.46	0.13	193.98	0.18
192.43	0.00	192.95	0.06	193.47	0.13	193.99	0.18
192.44	0.00	192.96	0.06	193.48	0.13	194.00	0.18
192.45	0.00	192.97	0.07	193.49	0.14	194.01	0.18
192.46	0.00	192.98	0.07	193.50	0.14	194.02	0.18
192.47	0.00	192.99	0.07	193.51	0.14	194.03	0.18
192.48	0.00	193.00	0.07	193.52	0.14	194.04	0.18
192.49	0.00	193.01	0.07	193.53	0.14	194.05	0.18
192.50	0.00	193.02	0.08	193.54	0.14	194.06	0.20
192.51	0.00	193.03	0.08	193.55	0.14	194.07	0.22

Stage-Discharge for Pond B-13: Basin #13 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	0.25	194.60	5.41
194.09	0.29	194.61	5.55
194.10	0.33	194.62	5.69
194.11	0.38	194.63	5.83
194.12	0.43	194.64	5.98
194.13	0.48	194.65	6.12
194.14	0.54	194.66	6.27
194.15	0.60	194.67	6.41
194.16	0.67	194.68	6.56
194.17	0.73	194.69	6.71
194.18	0.80	194.70	6.86
194.19	0.87	194.71	7.01
194.20	0.95	194.72	7.16
194.21	1.03	194.73	7.31
194.22	1.10	194.74	7.47
194.23	1.19	194.75	7.62
194.24	1.27	194.76	7.78
194.25	1.36	194.77	7.93
194.26	1.44	194.78	8.09
194.27	1.53	194.79	8.25
194.28	1.63	194.80	8.41
194.29	1.72	194.81	8.57
194.30	1.82	194.82	8.73
194.31	1.91	194.83	8.89
194.32	2.01	194.84	9.06
194.33	2.11	194.85	9.22
194.34	2.22	194.86	9.50
194.35	2.32	194.87	9.88
194.36	2.43	194.88	10.33
194.37	2.54	194.89	10.82
194.38	2.64	194.90	11.36
194.39	2.76	194.91	11.95
194.40	2.87	194.92	12.57
194.41	2.98	194.93	13.22
194.42	3.10	194.94	13.91
194.43	3.22	194.95	14.62
194.44	3.33	194.96	15.37
194.45	3.45	194.97	16.14
194.46	3.57	194.98	16.95
194.47	3.70	194.99	17.77
194.48	3.82	195.00	18.63
194.49	3.95		
194.50	4.07		
194.51	4.20		
194.52	4.33		
194.53	4.46		
194.54	4.59		
194.55	4.73		
194.56	4.86		
194.57	5.00		
194.58	5.13		
194.59	5.27		

Stage-Area-Storage for Pond B-13: Basin #13

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,975	0	192.52	8,406	4,259
192.01	7,983	80	192.53	8,414	4,343
192.02	7,992	160	192.54	8,423	4,427
192.03	8,000	240	192.55	8,431	4,512
192.04	8,008	320	192.56	8,439	4,596
192.05	8,016	400	192.57	8,448	4,680
192.06	8,025	480	192.58	8,456	4,765
192.07	8,033	560	192.59	8,464	4,850
192.08	8,041	641	192.60	8,472	4,934
192.09	8,050	721	192.61	8,481	5,019
192.10	8,058	802	192.62	8,489	5,104
192.11	8,066	882	192.63	8,497	5,189
192.12	8,074	963	192.64	8,506	5,274
192.13	8,083	1,044	192.65	8,514	5,359
192.14	8,091	1,125	192.66	8,522	5,444
192.15	8,099	1,206	192.67	8,530	5,529
192.16	8,108	1,287	192.68	8,539	5,615
192.17	8,116	1,368	192.69	8,547	5,700
192.18	8,124	1,449	192.70	8,555	5,786
192.19	8,133	1,530	192.71	8,564	5,871
192.20	8,141	1,612	192.72	8,572	5,957
192.21	8,149	1,693	192.73	8,580	6,043
192.22	8,157	1,775	192.74	8,588	6,128
192.23	8,166	1,856	192.75	8,597	6,214
192.24	8,174	1,938	192.76	8,605	6,300
192.25	8,182	2,020	192.77	8,613	6,387
192.26	8,191	2,102	192.78	8,622	6,473
192.27	8,199	2,183	192.79	8,630	6,559
192.28	8,207	2,265	192.80	8,638	6,645
192.29	8,215	2,348	192.81	8,646	6,732
192.30	8,224	2,430	192.82	8,655	6,818
192.31	8,232	2,512	192.83	8,663	6,905
192.32	8,240	2,594	192.84	8,671	6,991
192.33	8,249	2,677	192.85	8,680	7,078
192.34	8,257	2,759	192.86	8,688	7,165
192.35	8,265	2,842	192.87	8,696	7,252
192.36	8,273	2,925	192.88	8,705	7,339
192.37	8,282	3,007	192.89	8,713	7,426
192.38	8,290	3,090	192.90	8,721	7,513
192.39	8,298	3,173	192.91	8,729	7,600
192.40	8,307	3,256	192.92	8,738	7,688
192.41	8,315	3,339	192.93	8,746	7,775
192.42	8,323	3,423	192.94	8,754	7,863
192.43	8,331	3,506	192.95	8,763	7,950
192.44	8,340	3,589	192.96	8,771	8,038
192.45	8,348	3,673	192.97	8,779	8,126
192.46	8,356	3,756	192.98	8,787	8,214
192.47	8,365	3,840	192.99	8,796	8,302
192.48	8,373	3,924	193.00	8,804	8,390
192.49	8,381	4,007	193.01	8,812	8,478
192.50	8,390	4,091	193.02	8,821	8,566
192.51	8,398	4,175	193.03	8,830	8,654

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	8,838	8,742	193.56	9,280	13,453
193.05	8,847	8,831	193.57	9,288	13,546
193.06	8,855	8,919	193.58	9,297	13,639
193.07	8,863	9,008	193.59	9,306	13,732
193.08	8,872	9,097	193.60	9,314	13,825
193.09	8,881	9,185	193.61	9,323	13,918
193.10	8,889	9,274	193.62	9,331	14,011
193.11	8,898	9,363	193.63	9,339	14,105
193.12	8,906	9,452	193.64	9,348	14,198
193.13	8,914	9,541	193.65	9,357	14,292
193.14	8,923	9,630	193.66	9,365	14,385
193.15	8,932	9,720	193.67	9,373	14,479
193.16	8,940	9,809	193.68	9,382	14,573
193.17	8,948	9,898	193.69	9,390	14,667
193.18	8,957	9,988	193.70	9,399	14,761
193.19	8,965	10,078	193.71	9,408	14,855
193.20	8,974	10,167	193.72	9,416	14,949
193.21	8,983	10,257	193.73	9,424	15,043
193.22	8,991	10,347	193.74	9,433	15,137
193.23	8,999	10,437	193.75	9,442	15,232
193.24	9,008	10,527	193.76	9,450	15,326
193.25	9,017	10,617	193.77	9,459	15,421
193.26	9,025	10,707	193.78	9,467	15,515
193.27	9,034	10,798	193.79	9,475	15,610
193.28	9,042	10,888	193.80	9,484	15,705
193.29	9,050	10,978	193.81	9,493	15,800
193.30	9,059	11,069	193.82	9,501	15,895
193.31	9,068	11,160	193.83	9,510	15,990
193.32	9,076	11,250	193.84	9,518	16,085
193.33	9,085	11,341	193.85	9,526	16,180
193.34	9,093	11,432	193.86	9,535	16,275
193.35	9,101	11,523	193.87	9,544	16,371
193.36	9,110	11,614	193.88	9,552	16,466
193.37	9,119	11,705	193.89	9,560	16,562
193.38	9,127	11,796	193.90	9,569	16,657
193.39	9,135	11,888	193.91	9,577	16,753
193.40	9,144	11,979	193.92	9,586	16,849
193.41	9,152	12,071	193.93	9,595	16,945
193.42	9,161	12,162	193.94	9,603	17,041
193.43	9,170	12,254	193.95	9,611	17,137
193.44	9,178	12,346	193.96	9,620	17,233
193.45	9,186	12,437	193.97	9,628	17,329
193.46	9,195	12,529	193.98	9,637	17,426
193.47	9,203	12,621	193.99	9,646	17,522
193.48	9,212	12,713	194.00	9,654	17,619
193.49	9,221	12,806	194.01	9,663	17,715
193.50	9,229	12,898	194.02	9,671	17,812
193.51	9,237	12,990	194.03	9,680	17,909
193.52	9,246	13,083	194.04	9,689	18,005
193.53	9,255	13,175	194.05	9,697	18,102
193.54	9,263	13,268	194.06	9,706	18,199
193.55	9,272	13,360	194.07	9,715	18,296

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	9,723	18,394	194.60	10,175	23,567
194.09	9,732	18,491	194.61	10,183	23,669
194.10	9,741	18,588	194.62	10,192	23,771
194.11	9,749	18,686	194.63	10,201	23,873
194.12	9,758	18,783	194.64	10,210	23,975
194.13	9,767	18,881	194.65	10,218	24,077
194.14	9,776	18,979	194.66	10,227	24,179
194.15	9,784	19,076	194.67	10,236	24,282
194.16	9,793	19,174	194.68	10,244	24,384
194.17	9,802	19,272	194.69	10,253	24,486
194.18	9,810	19,370	194.70	10,262	24,589
194.19	9,819	19,468	194.71	10,270	24,692
194.20	9,828	19,567	194.72	10,279	24,794
194.21	9,836	19,665	194.73	10,288	24,897
194.22	9,845	19,763	194.74	10,296	25,000
194.23	9,854	19,862	194.75	10,305	25,103
194.24	9,862	19,960	194.76	10,314	25,206
194.25	9,871	20,059	194.77	10,322	25,309
194.26	9,880	20,158	194.78	10,331	25,413
194.27	9,888	20,257	194.79	10,340	25,516
194.28	9,897	20,356	194.80	10,348	25,619
194.29	9,906	20,455	194.81	10,357	25,723
194.30	9,914	20,554	194.82	10,366	25,827
194.31	9,923	20,653	194.83	10,374	25,930
194.32	9,932	20,752	194.84	10,383	26,034
194.33	9,940	20,852	194.85	10,392	26,138
194.34	9,949	20,951	194.86	10,400	26,242
194.35	9,958	21,051	194.87	10,409	26,346
194.36	9,966	21,150	194.88	10,418	26,450
194.37	9,975	21,250	194.89	10,427	26,554
194.38	9,984	21,350	194.90	10,435	26,659
194.39	9,993	21,450	194.91	10,444	26,763
194.40	10,001	21,550	194.92	10,453	26,868
194.41	10,010	21,650	194.93	10,461	26,972
194.42	10,019	21,750	194.94	10,470	27,077
194.43	10,027	21,850	194.95	10,479	27,181
194.44	10,036	21,950	194.96	10,487	27,286
194.45	10,045	22,051	194.97	10,496	27,391
194.46	10,053	22,151	194.98	10,505	27,496
194.47	10,062	22,252	194.99	10,513	27,601
194.48	10,071	22,352	195.00	10,522	27,707
194.49	10,079	22,453			
194.50	10,088	22,554			
194.51	10,097	22,655			
194.52	10,105	22,756			
194.53	10,114	22,857			
194.54	10,123	22,958			
194.55	10,131	23,059			
194.56	10,140	23,161			
194.57	10,149	23,262			
194.58	10,157	23,364			
194.59	10,166	23,465			

Summary for Pond B-14: Basin #14

Inflow Area = 2.148 ac, 23.65% Impervious, Inflow Depth = 6.00" for Current 100 yr event
 Inflow = 13.49 cfs @ 12.17 hrs, Volume= 1.074 af
 Outflow = 7.31 cfs @ 12.32 hrs, Volume= 0.936 af, Atten= 46%, Lag= 9.1 min
 Primary = 7.31 cfs @ 12.32 hrs, Volume= 0.936 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.48' @ 12.32 hrs Surf.Area= 8,712 sf Storage= 19,743 cf

Plug-Flow detention time= 337.9 min calculated for 0.935 af (87% of inflow)
 Center-of-Mass det. time= 277.5 min (1,073.8 - 796.3)

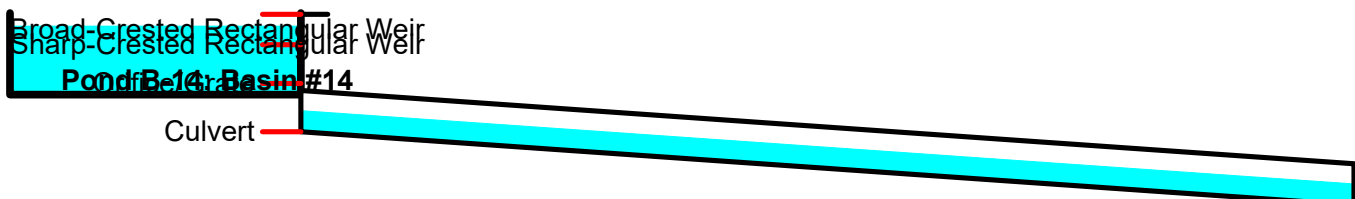
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	23,910 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,240	0	0
193.00	7,814	7,527	7,527
194.00	8,405	8,110	15,637
194.95	9,012	8,273	23,910

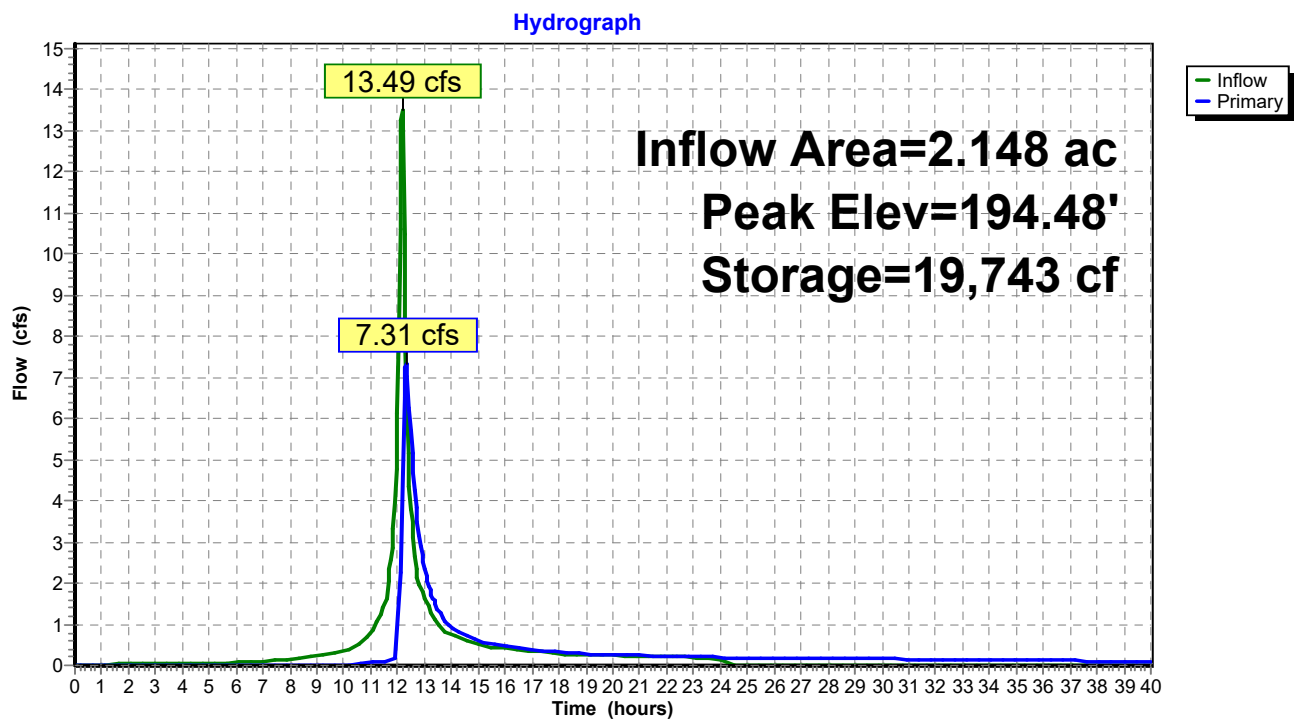
Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 194.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0137 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.80'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.90'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=7.22 cfs @ 12.32 hrs HW=194.47' (Free Discharge)

1=Culvert (Passes 7.22 cfs of 14.08 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.76 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 6.99 cfs @ 2.68 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-14: Basin #14



Hydrograph for Pond B-14: Basin #14

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	0	192.00	0.00
0.70	0.00	1	192.00	0.00
0.80	0.01	3	192.00	0.00
0.90	0.01	6	192.00	0.00
1.00	0.01	11	192.00	0.00
1.10	0.02	16	192.00	0.00
1.20	0.02	22	192.00	0.00
1.30	0.02	29	192.00	0.00
1.40	0.02	37	192.01	0.00
1.50	0.02	46	192.01	0.00
1.60	0.03	55	192.01	0.00
1.70	0.03	65	192.01	0.00
1.80	0.03	76	192.01	0.00
1.90	0.03	87	192.01	0.00
2.00	0.03	98	192.01	0.00
2.10	0.03	111	192.02	0.00
2.20	0.04	123	192.02	0.00
2.30	0.04	136	192.02	0.00
2.40	0.04	150	192.02	0.00
2.50	0.04	164	192.02	0.00
2.60	0.04	178	192.02	0.00
2.70	0.04	193	192.03	0.00
2.80	0.04	208	192.03	0.00
2.90	0.04	223	192.03	0.00
3.00	0.04	239	192.03	0.00
3.10	0.05	255	192.04	0.00
3.20	0.05	272	192.04	0.00
3.30	0.05	288	192.04	0.00
3.40	0.05	306	192.04	0.00
3.50	0.05	323	192.04	0.00
3.60	0.05	341	192.05	0.00
3.70	0.05	359	192.05	0.00
3.80	0.05	377	192.05	0.00
3.90	0.05	395	192.05	0.00
4.00	0.05	414	192.06	0.00
4.10	0.05	433	192.06	0.00
4.20	0.05	452	192.06	0.00
4.30	0.05	472	192.06	0.00
4.40	0.06	492	192.07	0.00
4.50	0.06	512	192.07	0.00
4.60	0.06	532	192.07	0.00
4.70	0.06	552	192.08	0.00
4.80	0.06	573	192.08	0.00
4.90	0.06	594	192.08	0.00
5.00	0.06	615	192.08	0.00
5.10	0.06	636	192.09	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	658	192.09	0.00
5.30	0.06	680	192.09	0.00
5.40	0.06	702	192.10	0.00
5.50	0.06	724	192.10	0.00
5.60	0.06	746	192.10	0.00
5.70	0.06	769	192.11	0.00
5.80	0.06	792	192.11	0.00
5.90	0.06	815	192.11	0.00
6.00	0.06	838	192.12	0.00
6.10	0.07	861	192.12	0.00
6.20	0.07	885	192.12	0.00
6.30	0.07	910	192.13	0.00
6.40	0.07	935	192.13	0.00
6.50	0.07	961	192.13	0.00
6.60	0.08	989	192.14	0.00
6.70	0.08	1,018	192.14	0.00
6.80	0.09	1,048	192.14	0.00
6.90	0.09	1,080	192.15	0.00
7.00	0.10	1,114	192.15	0.00
7.10	0.10	1,149	192.16	0.00
7.20	0.10	1,186	192.16	0.00
7.30	0.11	1,224	192.17	0.00
7.40	0.11	1,264	192.17	0.00
7.50	0.12	1,306	192.18	0.00
7.60	0.12	1,350	192.19	0.00
7.70	0.13	1,396	192.19	0.00
7.80	0.13	1,443	192.20	0.00
7.90	0.14	1,493	192.20	0.00
8.00	0.15	1,544	192.21	0.00
8.10	0.15	1,597	192.22	0.00
8.20	0.16	1,653	192.23	0.00
8.30	0.16	1,710	192.23	0.00
8.40	0.17	1,770	192.24	0.00
8.50	0.17	1,831	192.25	0.00
8.60	0.18	1,895	192.26	0.00
8.70	0.19	1,961	192.27	0.00
8.80	0.19	2,030	192.28	0.00
8.90	0.20	2,100	192.29	0.00
9.00	0.21	2,173	192.30	0.00
9.10	0.21	2,249	192.31	0.00
9.20	0.23	2,328	192.32	0.00
9.30	0.24	2,413	192.33	0.00
9.40	0.26	2,504	192.34	0.00
9.50	0.28	2,600	192.35	0.00
9.60	0.29	2,702	192.37	0.00
9.70	0.31	2,811	192.38	0.00
9.80	0.33	2,927	192.40	0.00
9.90	0.35	3,048	192.41	0.00
10.00	0.37	3,177	192.43	0.00
10.10	0.39	3,312	192.45	0.00
10.20	0.41	3,453	192.47	0.01
10.30	0.43	3,599	192.49	0.01

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.45	3,752	192.51	0.02
10.50	0.47	3,910	192.53	0.03
10.60	0.51	4,074	192.55	0.03
10.70	0.56	4,252	192.57	0.04
10.80	0.63	4,450	192.60	0.05
10.90	0.70	4,669	192.63	0.06
11.00	0.77	4,912	192.66	0.06
11.10	0.86	5,182	192.70	0.07
11.20	0.99	5,487	192.74	0.08
11.30	1.13	5,838	192.78	0.09
11.40	1.28	6,238	192.83	0.09
11.50	1.42	6,688	192.89	0.10
11.60	1.74	7,209	192.96	0.11
11.70	2.33	7,905	193.05	0.12
11.80	2.87	8,785	193.16	0.13
11.90	3.94	9,946	193.31	0.15
12.00	6.11	11,655	193.52	0.17
12.10	10.61	14,509	193.87	0.41
12.20	13.06	18,156	194.30	4.68
12.30	7.98	19,694	194.47	7.23
12.40	5.16	19,453	194.45	6.81
12.50	3.81	18,788	194.37	5.69
12.60	3.09	18,169	194.30	4.70
12.70	2.34	17,600	194.23	3.84
12.80	2.02	17,121	194.18	3.17
12.90	1.82	16,761	194.13	2.68
13.00	1.64	16,483	194.10	2.33
13.10	1.47	16,256	194.07	2.05
13.20	1.32	16,059	194.05	1.82
13.30	1.21	15,892	194.03	1.63
13.40	1.11	15,749	194.01	1.48
13.50	1.02	15,624	194.00	1.35
13.60	0.92	15,510	193.98	1.23
13.70	0.85	15,404	193.97	1.13
13.80	0.81	15,312	193.96	1.04
13.90	0.78	15,236	193.95	0.97
14.00	0.76	15,175	193.94	0.91
14.10	0.73	15,122	193.94	0.87
14.20	0.71	15,076	193.93	0.83
14.30	0.69	15,034	193.93	0.79
14.40	0.66	14,996	193.92	0.76
14.50	0.64	14,961	193.92	0.73
14.60	0.61	14,927	193.92	0.71
14.70	0.59	14,894	193.91	0.68
14.80	0.56	14,861	193.91	0.66
14.90	0.54	14,828	193.90	0.63
15.00	0.51	14,795	193.90	0.61
15.10	0.49	14,762	193.90	0.58
15.20	0.47	14,730	193.89	0.56
15.30	0.46	14,701	193.89	0.53
15.40	0.45	14,675	193.89	0.52
15.50	0.45	14,653	193.88	0.50

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.44	14,633	193.88	0.49
15.70	0.43	14,616	193.88	0.48
15.80	0.43	14,599	193.88	0.47
15.90	0.42	14,584	193.87	0.46
16.00	0.41	14,570	193.87	0.45
16.10	0.41	14,557	193.87	0.44
16.20	0.40	14,545	193.87	0.43
16.30	0.39	14,533	193.87	0.43
16.40	0.39	14,521	193.87	0.42
16.50	0.38	14,510	193.87	0.41
16.60	0.37	14,499	193.86	0.40
16.70	0.37	14,488	193.86	0.40
16.80	0.36	14,478	193.86	0.39
16.90	0.35	14,467	193.86	0.38
17.00	0.35	14,456	193.86	0.38
17.10	0.34	14,446	193.86	0.37
17.20	0.34	14,435	193.86	0.37
17.30	0.33	14,424	193.85	0.36
17.40	0.32	14,412	193.85	0.36
17.50	0.32	14,400	193.85	0.35
17.60	0.31	14,388	193.85	0.34
17.70	0.30	14,376	193.85	0.34
17.80	0.30	14,363	193.85	0.33
17.90	0.29	14,351	193.85	0.32
18.00	0.28	14,338	193.84	0.32
18.10	0.28	14,325	193.84	0.31
18.20	0.27	14,313	193.84	0.31
18.30	0.27	14,301	193.84	0.30
18.40	0.27	14,290	193.84	0.29
18.50	0.26	14,281	193.84	0.29
18.60	0.26	14,272	193.84	0.29
18.70	0.26	14,265	193.84	0.28
18.80	0.26	14,258	193.83	0.28
18.90	0.26	14,251	193.83	0.28
19.00	0.26	14,246	193.83	0.27
19.10	0.26	14,240	193.83	0.27
19.20	0.25	14,235	193.83	0.27
19.30	0.25	14,230	193.83	0.26
19.40	0.25	14,226	193.83	0.26
19.50	0.25	14,222	193.83	0.26
19.60	0.25	14,217	193.83	0.26
19.70	0.25	14,213	193.83	0.26
19.80	0.24	14,210	193.83	0.25
19.90	0.24	14,206	193.83	0.25
20.00	0.24	14,202	193.83	0.25
20.10	0.24	14,198	193.83	0.25
20.20	0.24	14,194	193.83	0.25
20.30	0.24	14,189	193.83	0.25
20.40	0.23	14,185	193.83	0.25
20.50	0.23	14,180	193.83	0.25
20.60	0.23	14,175	193.83	0.24
20.70	0.23	14,170	193.82	0.24

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.23	14,165	193.82	0.24
20.90	0.23	14,160	193.82	0.24
21.00	0.22	14,155	193.82	0.24
21.10	0.22	14,150	193.82	0.24
21.20	0.22	14,144	193.82	0.24
21.30	0.22	14,139	193.82	0.23
21.40	0.22	14,134	193.82	0.23
21.50	0.22	14,128	193.82	0.23
21.60	0.21	14,123	193.82	0.23
21.70	0.21	14,117	193.82	0.23
21.80	0.21	14,111	193.82	0.23
21.90	0.21	14,106	193.82	0.23
22.00	0.21	14,100	193.82	0.22
22.10	0.21	14,094	193.82	0.22
22.20	0.20	14,089	193.81	0.22
22.30	0.20	14,083	193.81	0.22
22.40	0.20	14,077	193.81	0.22
22.50	0.20	14,072	193.81	0.22
22.60	0.20	14,066	193.81	0.21
22.70	0.20	14,060	193.81	0.21
22.80	0.19	14,054	193.81	0.21
22.90	0.19	14,048	193.81	0.21
23.00	0.19	14,042	193.81	0.21
23.10	0.19	14,037	193.81	0.21
23.20	0.19	14,031	193.81	0.20
23.30	0.19	14,025	193.81	0.20
23.40	0.18	14,019	193.81	0.20
23.50	0.18	14,013	193.81	0.20
23.60	0.18	14,007	193.80	0.20
23.70	0.18	14,001	193.80	0.20
23.80	0.18	13,995	193.80	0.19
23.90	0.18	13,989	193.80	0.19
24.00	0.18	13,985	193.80	0.19
24.10	0.16	13,981	193.80	0.19
24.20	0.04	13,948	193.80	0.19
24.30	0.01	13,890	193.79	0.19
24.40	0.00	13,825	193.78	0.19
24.50	0.00	13,758	193.77	0.19
24.60	0.00	13,692	193.77	0.18
24.70	0.00	13,626	193.76	0.18
24.80	0.00	13,560	193.75	0.18
24.90	0.00	13,494	193.74	0.18
25.00	0.00	13,428	193.73	0.18
25.10	0.00	13,363	193.73	0.18
25.20	0.00	13,297	193.72	0.18
25.30	0.00	13,232	193.71	0.18
25.40	0.00	13,168	193.70	0.18
25.50	0.00	13,103	193.70	0.18
25.60	0.00	13,039	193.69	0.18
25.70	0.00	12,974	193.68	0.18
25.80	0.00	12,910	193.67	0.18
25.90	0.00	12,847	193.66	0.18

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,783	193.66	0.18
26.10	0.00	12,720	193.65	0.18
26.20	0.00	12,657	193.64	0.17
26.30	0.00	12,594	193.63	0.17
26.40	0.00	12,531	193.63	0.17
26.50	0.00	12,469	193.62	0.17
26.60	0.00	12,406	193.61	0.17
26.70	0.00	12,344	193.60	0.17
26.80	0.00	12,283	193.60	0.17
26.90	0.00	12,221	193.59	0.17
27.00	0.00	12,160	193.58	0.17
27.10	0.00	12,098	193.57	0.17
27.20	0.00	12,037	193.57	0.17
27.30	0.00	11,977	193.56	0.17
27.40	0.00	11,916	193.55	0.17
27.50	0.00	11,856	193.54	0.17
27.60	0.00	11,796	193.54	0.17
27.70	0.00	11,736	193.53	0.17
27.80	0.00	11,676	193.52	0.17
27.90	0.00	11,617	193.51	0.16
28.00	0.00	11,557	193.51	0.16
28.10	0.00	11,498	193.50	0.16
28.20	0.00	11,440	193.49	0.16
28.30	0.00	11,381	193.48	0.16
28.40	0.00	11,323	193.48	0.16
28.50	0.00	11,264	193.47	0.16
28.60	0.00	11,206	193.46	0.16
28.70	0.00	11,149	193.46	0.16
28.80	0.00	11,091	193.45	0.16
28.90	0.00	11,034	193.44	0.16
29.00	0.00	10,977	193.43	0.16
29.10	0.00	10,920	193.43	0.16
29.20	0.00	10,863	193.42	0.16
29.30	0.00	10,807	193.41	0.16
29.40	0.00	10,750	193.41	0.16
29.50	0.00	10,694	193.40	0.16
29.60	0.00	10,639	193.39	0.15
29.70	0.00	10,583	193.39	0.15
29.80	0.00	10,528	193.38	0.15
29.90	0.00	10,473	193.37	0.15
30.00	0.00	10,418	193.36	0.15
30.10	0.00	10,363	193.36	0.15
30.20	0.00	10,308	193.35	0.15
30.30	0.00	10,254	193.34	0.15
30.40	0.00	10,200	193.34	0.15
30.50	0.00	10,146	193.33	0.15
30.60	0.00	10,093	193.32	0.15
30.70	0.00	10,039	193.32	0.15
30.80	0.00	9,986	193.31	0.15
30.90	0.00	9,933	193.30	0.15
31.00	0.00	9,880	193.30	0.15
31.10	0.00	9,828	193.29	0.15

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,776	193.28	0.15
31.30	0.00	9,723	193.28	0.14
31.40	0.00	9,672	193.27	0.14
31.50	0.00	9,620	193.27	0.14
31.60	0.00	9,568	193.26	0.14
31.70	0.00	9,517	193.25	0.14
31.80	0.00	9,466	193.25	0.14
31.90	0.00	9,415	193.24	0.14
32.00	0.00	9,365	193.23	0.14
32.10	0.00	9,315	193.23	0.14
32.20	0.00	9,264	193.22	0.14
32.30	0.00	9,215	193.21	0.14
32.40	0.00	9,165	193.21	0.14
32.50	0.00	9,115	193.20	0.14
32.60	0.00	9,066	193.20	0.14
32.70	0.00	9,017	193.19	0.14
32.80	0.00	8,968	193.18	0.14
32.90	0.00	8,920	193.18	0.13
33.00	0.00	8,871	193.17	0.13
33.10	0.00	8,823	193.16	0.13
33.20	0.00	8,775	193.16	0.13
33.30	0.00	8,728	193.15	0.13
33.40	0.00	8,680	193.15	0.13
33.50	0.00	8,633	193.14	0.13
33.60	0.00	8,586	193.13	0.13
33.70	0.00	8,539	193.13	0.13
33.80	0.00	8,493	193.12	0.13
33.90	0.00	8,446	193.12	0.13
34.00	0.00	8,400	193.11	0.13
34.10	0.00	8,354	193.11	0.13
34.20	0.00	8,308	193.10	0.13
34.30	0.00	8,263	193.09	0.13
34.40	0.00	8,218	193.09	0.13
34.50	0.00	8,173	193.08	0.12
34.60	0.00	8,128	193.08	0.12
34.70	0.00	8,083	193.07	0.12
34.80	0.00	8,039	193.07	0.12
34.90	0.00	7,995	193.06	0.12
35.00	0.00	7,951	193.05	0.12
35.10	0.00	7,907	193.05	0.12
35.20	0.00	7,864	193.04	0.12
35.30	0.00	7,820	193.04	0.12
35.40	0.00	7,777	193.03	0.12
35.50	0.00	7,734	193.03	0.12
35.60	0.00	7,692	193.02	0.12
35.70	0.00	7,649	193.02	0.12
35.80	0.00	7,607	193.01	0.12
35.90	0.00	7,565	193.00	0.12
36.00	0.00	7,524	193.00	0.12
36.10	0.00	7,482	192.99	0.11
36.20	0.00	7,441	192.99	0.11
36.30	0.00	7,400	192.98	0.11

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,359	192.98	0.11
36.50	0.00	7,319	192.97	0.11
36.60	0.00	7,278	192.97	0.11
36.70	0.00	7,238	192.96	0.11
36.80	0.00	7,198	192.96	0.11
36.90	0.00	7,158	192.95	0.11
37.00	0.00	7,119	192.95	0.11
37.10	0.00	7,080	192.94	0.11
37.20	0.00	7,041	192.94	0.11
37.30	0.00	7,002	192.93	0.11
37.40	0.00	6,963	192.93	0.11
37.50	0.00	6,925	192.92	0.11
37.60	0.00	6,887	192.92	0.11
37.70	0.00	6,849	192.91	0.10
37.80	0.00	6,811	192.91	0.10
37.90	0.00	6,774	192.90	0.10
38.00	0.00	6,737	192.90	0.10
38.10	0.00	6,700	192.89	0.10
38.20	0.00	6,663	192.89	0.10
38.30	0.00	6,626	192.88	0.10
38.40	0.00	6,590	192.88	0.10
38.50	0.00	6,554	192.87	0.10
38.60	0.00	6,518	192.87	0.10
38.70	0.00	6,483	192.87	0.10
38.80	0.00	6,447	192.86	0.10
38.90	0.00	6,412	192.86	0.10
39.00	0.00	6,377	192.85	0.10
39.10	0.00	6,342	192.85	0.10
39.20	0.00	6,308	192.84	0.10
39.30	0.00	6,274	192.84	0.09
39.40	0.00	6,239	192.83	0.09
39.50	0.00	6,206	192.83	0.09
39.60	0.00	6,172	192.83	0.09
39.70	0.00	6,139	192.82	0.09
39.80	0.00	6,106	192.82	0.09
39.90	0.00	6,073	192.81	0.09
40.00	0.00	6,040	192.81	0.09

Stage-Discharge for Pond B-14: Basin #14

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.02	193.04	0.12	193.56	0.17
192.01	0.00	192.53	0.03	193.05	0.12	193.57	0.17
192.02	0.00	192.54	0.03	193.06	0.12	193.58	0.17
192.03	0.00	192.55	0.03	193.07	0.12	193.59	0.17
192.04	0.00	192.56	0.04	193.08	0.12	193.60	0.17
192.05	0.00	192.57	0.04	193.09	0.13	193.61	0.17
192.06	0.00	192.58	0.05	193.10	0.13	193.62	0.17
192.07	0.00	192.59	0.05	193.11	0.13	193.63	0.17
192.08	0.00	192.60	0.05	193.12	0.13	193.64	0.17
192.09	0.00	192.61	0.05	193.13	0.13	193.65	0.18
192.10	0.00	192.62	0.06	193.14	0.13	193.66	0.18
192.11	0.00	192.63	0.06	193.15	0.13	193.67	0.18
192.12	0.00	192.64	0.06	193.16	0.13	193.68	0.18
192.13	0.00	192.65	0.06	193.17	0.13	193.69	0.18
192.14	0.00	192.66	0.06	193.18	0.13	193.70	0.18
192.15	0.00	192.67	0.07	193.19	0.14	193.71	0.18
192.16	0.00	192.68	0.07	193.20	0.14	193.72	0.18
192.17	0.00	192.69	0.07	193.21	0.14	193.73	0.18
192.18	0.00	192.70	0.07	193.22	0.14	193.74	0.18
192.19	0.00	192.71	0.07	193.23	0.14	193.75	0.18
192.20	0.00	192.72	0.08	193.24	0.14	193.76	0.18
192.21	0.00	192.73	0.08	193.25	0.14	193.77	0.18
192.22	0.00	192.74	0.08	193.26	0.14	193.78	0.19
192.23	0.00	192.75	0.08	193.27	0.14	193.79	0.19
192.24	0.00	192.76	0.08	193.28	0.14	193.80	0.19
192.25	0.00	192.77	0.08	193.29	0.15	193.81	0.20
192.26	0.00	192.78	0.09	193.30	0.15	193.82	0.23
192.27	0.00	192.79	0.09	193.31	0.15	193.83	0.26
192.28	0.00	192.80	0.09	193.32	0.15	193.84	0.29
192.29	0.00	192.81	0.09	193.33	0.15	193.85	0.34
192.30	0.00	192.82	0.09	193.34	0.15	193.86	0.38
192.31	0.00	192.83	0.09	193.35	0.15	193.87	0.43
192.32	0.00	192.84	0.10	193.36	0.15	193.88	0.49
192.33	0.00	192.85	0.10	193.37	0.15	193.89	0.54
192.34	0.00	192.86	0.10	193.38	0.15	193.90	0.61
192.35	0.00	192.87	0.10	193.39	0.15	193.91	0.67
192.36	0.00	192.88	0.10	193.40	0.16	193.92	0.74
192.37	0.00	192.89	0.10	193.41	0.16	193.93	0.81
192.38	0.00	192.90	0.10	193.42	0.16	193.94	0.88
192.39	0.00	192.91	0.10	193.43	0.16	193.95	0.95
192.40	0.00	192.92	0.11	193.44	0.16	193.96	1.03
192.41	0.00	192.93	0.11	193.45	0.16	193.97	1.11
192.42	0.00	192.94	0.11	193.46	0.16	193.98	1.19
192.43	0.00	192.95	0.11	193.47	0.16	193.99	1.27
192.44	0.00	192.96	0.11	193.48	0.16	194.00	1.36
192.45	0.00	192.97	0.11	193.49	0.16	194.01	1.45
192.46	0.01	192.98	0.11	193.50	0.16	194.02	1.54
192.47	0.01	192.99	0.11	193.51	0.16	194.03	1.63
192.48	0.01	193.00	0.12	193.52	0.17	194.04	1.72
192.49	0.01	193.01	0.12	193.53	0.17	194.05	1.82
192.50	0.02	193.02	0.12	193.54	0.17	194.06	1.92
192.51	0.02	193.03	0.12	193.55	0.17	194.07	2.02

Stage-Discharge for Pond B-14: Basin #14 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	2.12	194.60	9.22
194.09	2.22	194.61	9.39
194.10	2.32	194.62	9.55
194.11	2.43	194.63	9.72
194.12	2.54	194.64	9.89
194.13	2.65	194.65	10.06
194.14	2.76	194.66	10.22
194.15	2.87	194.67	10.39
194.16	2.99	194.68	10.56
194.17	3.10	194.69	10.74
194.18	3.22	194.70	10.91
194.19	3.34	194.71	11.08
194.20	3.46	194.72	11.26
194.21	3.58	194.73	11.43
194.22	3.70	194.74	11.61
194.23	3.82	194.75	11.78
194.24	3.95	194.76	11.96
194.25	4.08	194.77	12.14
194.26	4.20	194.78	12.32
194.27	4.33	194.79	12.49
194.28	4.46	194.80	12.67
194.29	4.60	194.81	12.86
194.30	4.73	194.82	13.04
194.31	4.86	194.83	13.22
194.32	5.00	194.84	13.40
194.33	5.13	194.85	13.59
194.34	5.27	194.86	13.77
194.35	5.41	194.87	13.96
194.36	5.55	194.88	14.14
194.37	5.69	194.89	14.33
194.38	5.83	194.90	14.51
194.39	5.98	194.91	14.80
194.40	6.12	194.92	15.03
194.41	6.27	194.93	15.32
194.42	6.41	194.94	15.66
194.43	6.56	194.95	16.05
194.44	6.71		
194.45	6.86		
194.46	7.01		
194.47	7.16		
194.48	7.32		
194.49	7.47		
194.50	7.62		
194.51	7.78		
194.52	7.94		
194.53	8.09		
194.54	8.25		
194.55	8.41		
194.56	8.57		
194.57	8.73		
194.58	8.90		
194.59	9.06		

Stage-Area-Storage for Pond B-14: Basin #14

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,240	0	192.52	7,538	3,842
192.01	7,246	72	192.53	7,544	3,918
192.02	7,251	145	192.54	7,550	3,993
192.03	7,257	217	192.55	7,556	4,069
192.04	7,263	290	192.56	7,561	4,144
192.05	7,269	363	192.57	7,567	4,220
192.06	7,274	435	192.58	7,573	4,296
192.07	7,280	508	192.59	7,579	4,372
192.08	7,286	581	192.60	7,584	4,447
192.09	7,292	654	192.61	7,590	4,523
192.10	7,297	727	192.62	7,596	4,599
192.11	7,303	800	192.63	7,602	4,675
192.12	7,309	873	192.64	7,607	4,751
192.13	7,315	946	192.65	7,613	4,827
192.14	7,320	1,019	192.66	7,619	4,903
192.15	7,326	1,092	192.67	7,625	4,980
192.16	7,332	1,166	192.68	7,630	5,056
192.17	7,338	1,239	192.69	7,636	5,132
192.18	7,343	1,312	192.70	7,642	5,209
192.19	7,349	1,386	192.71	7,648	5,285
192.20	7,355	1,459	192.72	7,653	5,362
192.21	7,361	1,533	192.73	7,659	5,438
192.22	7,366	1,607	192.74	7,665	5,515
192.23	7,372	1,680	192.75	7,671	5,591
192.24	7,378	1,754	192.76	7,676	5,668
192.25	7,384	1,828	192.77	7,682	5,745
192.26	7,389	1,902	192.78	7,688	5,822
192.27	7,395	1,976	192.79	7,693	5,899
192.28	7,401	2,050	192.80	7,699	5,976
192.29	7,406	2,124	192.81	7,705	6,053
192.30	7,412	2,198	192.82	7,711	6,130
192.31	7,418	2,272	192.83	7,716	6,207
192.32	7,424	2,346	192.84	7,722	6,284
192.33	7,429	2,420	192.85	7,728	6,361
192.34	7,435	2,495	192.86	7,734	6,439
192.35	7,441	2,569	192.87	7,739	6,516
192.36	7,447	2,644	192.88	7,745	6,593
192.37	7,452	2,718	192.89	7,751	6,671
192.38	7,458	2,793	192.90	7,757	6,748
192.39	7,464	2,867	192.91	7,762	6,826
192.40	7,470	2,942	192.92	7,768	6,904
192.41	7,475	3,017	192.93	7,774	6,981
192.42	7,481	3,091	192.94	7,780	7,059
192.43	7,487	3,166	192.95	7,785	7,137
192.44	7,493	3,241	192.96	7,791	7,215
192.45	7,498	3,316	192.97	7,797	7,293
192.46	7,504	3,391	192.98	7,803	7,371
192.47	7,510	3,466	192.99	7,808	7,449
192.48	7,516	3,541	193.00	7,814	7,527
192.49	7,521	3,617	193.01	7,820	7,605
192.50	7,527	3,692	193.02	7,826	7,683
192.51	7,533	3,767	193.03	7,832	7,762

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	7,838	7,840	193.56	8,145	11,996
193.05	7,844	7,918	193.57	8,151	12,077
193.06	7,849	7,997	193.58	8,157	12,159
193.07	7,855	8,075	193.59	8,163	12,240
193.08	7,861	8,154	193.60	8,169	12,322
193.09	7,867	8,233	193.61	8,175	12,403
193.10	7,873	8,311	193.62	8,180	12,485
193.11	7,879	8,390	193.63	8,186	12,567
193.12	7,885	8,469	193.64	8,192	12,649
193.13	7,891	8,548	193.65	8,198	12,731
193.14	7,897	8,627	193.66	8,204	12,813
193.15	7,903	8,706	193.67	8,210	12,895
193.16	7,909	8,785	193.68	8,216	12,977
193.17	7,914	8,864	193.69	8,222	13,059
193.18	7,920	8,943	193.70	8,228	13,142
193.19	7,926	9,022	193.71	8,234	13,224
193.20	7,932	9,102	193.72	8,240	13,306
193.21	7,938	9,181	193.73	8,245	13,389
193.22	7,944	9,260	193.74	8,251	13,471
193.23	7,950	9,340	193.75	8,257	13,554
193.24	7,956	9,419	193.76	8,263	13,636
193.25	7,962	9,499	193.77	8,269	13,719
193.26	7,968	9,579	193.78	8,275	13,802
193.27	7,974	9,658	193.79	8,281	13,884
193.28	7,979	9,738	193.80	8,287	13,967
193.29	7,985	9,818	193.81	8,293	14,050
193.30	7,991	9,898	193.82	8,299	14,133
193.31	7,997	9,978	193.83	8,305	14,216
193.32	8,003	10,058	193.84	8,310	14,299
193.33	8,009	10,138	193.85	8,316	14,382
193.34	8,015	10,218	193.86	8,322	14,466
193.35	8,021	10,298	193.87	8,328	14,549
193.36	8,027	10,378	193.88	8,334	14,632
193.37	8,033	10,459	193.89	8,340	14,716
193.38	8,039	10,539	193.90	8,346	14,799
193.39	8,044	10,619	193.91	8,352	14,882
193.40	8,050	10,700	193.92	8,358	14,966
193.41	8,056	10,780	193.93	8,364	15,050
193.42	8,062	10,861	193.94	8,370	15,133
193.43	8,068	10,942	193.95	8,375	15,217
193.44	8,074	11,022	193.96	8,381	15,301
193.45	8,080	11,103	193.97	8,387	15,385
193.46	8,086	11,184	193.98	8,393	15,469
193.47	8,092	11,265	193.99	8,399	15,552
193.48	8,098	11,346	194.00	8,405	15,637
193.49	8,104	11,427	194.01	8,411	15,721
193.50	8,110	11,508	194.02	8,418	15,805
193.51	8,115	11,589	194.03	8,424	15,889
193.52	8,121	11,670	194.04	8,431	15,973
193.53	8,127	11,751	194.05	8,437	16,058
193.54	8,133	11,833	194.06	8,443	16,142
193.55	8,139	11,914	194.07	8,450	16,226

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	8,456	16,311	194.60	8,788	20,795
194.09	8,463	16,396	194.61	8,795	20,882
194.10	8,469	16,480	194.62	8,801	20,970
194.11	8,475	16,565	194.63	8,808	21,058
194.12	8,482	16,650	194.64	8,814	21,147
194.13	8,488	16,735	194.65	8,820	21,235
194.14	8,494	16,819	194.66	8,827	21,323
194.15	8,501	16,904	194.67	8,833	21,411
194.16	8,507	16,989	194.68	8,839	21,500
194.17	8,514	17,075	194.69	8,846	21,588
194.18	8,520	17,160	194.70	8,852	21,677
194.19	8,526	17,245	194.71	8,859	21,765
194.20	8,533	17,330	194.72	8,865	21,854
194.21	8,539	17,416	194.73	8,871	21,942
194.22	8,546	17,501	194.74	8,878	22,031
194.23	8,552	17,587	194.75	8,884	22,120
194.24	8,558	17,672	194.76	8,891	22,209
194.25	8,565	17,758	194.77	8,897	22,298
194.26	8,571	17,843	194.78	8,903	22,387
194.27	8,578	17,929	194.79	8,910	22,476
194.28	8,584	18,015	194.80	8,916	22,565
194.29	8,590	18,101	194.81	8,923	22,654
194.30	8,597	18,187	194.82	8,929	22,743
194.31	8,603	18,273	194.83	8,935	22,833
194.32	8,609	18,359	194.84	8,942	22,922
194.33	8,616	18,445	194.85	8,948	23,012
194.34	8,622	18,531	194.86	8,954	23,101
194.35	8,629	18,617	194.87	8,961	23,191
194.36	8,635	18,704	194.88	8,967	23,280
194.37	8,641	18,790	194.89	8,974	23,370
194.38	8,648	18,877	194.90	8,980	23,460
194.39	8,654	18,963	194.91	8,986	23,550
194.40	8,661	19,050	194.92	8,993	23,640
194.41	8,667	19,136	194.93	8,999	23,729
194.42	8,673	19,223	194.94	9,006	23,819
194.43	8,680	19,310	194.95	9,012	23,910
194.44	8,686	19,397			
194.45	8,693	19,483			
194.46	8,699	19,570			
194.47	8,705	19,657			
194.48	8,712	19,745			
194.49	8,718	19,832			
194.50	8,724	19,919			
194.51	8,731	20,006			
194.52	8,737	20,093			
194.53	8,744	20,181			
194.54	8,750	20,268			
194.55	8,756	20,356			
194.56	8,763	20,443			
194.57	8,769	20,531			
194.58	8,776	20,619			
194.59	8,782	20,707			

Summary for Pond B-15: Basin #15

Inflow Area = 2.365 ac, 58.73% Impervious, Inflow Depth = 7.01" for Current 100 yr event
 Inflow = 16.41 cfs @ 12.17 hrs, Volume= 1.382 af
 Outflow = 16.11 cfs @ 12.21 hrs, Volume= 1.152 af, Atten= 2%, Lag= 2.2 min
 Primary = 16.11 cfs @ 12.21 hrs, Volume= 1.152 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 200.04' @ 12.21 hrs Surf.Area= 5,559 sf Storage= 17,418 cf

Plug-Flow detention time= 184.1 min calculated for 1.150 af (83% of inflow)
 Center-of-Mass det. time= 112.4 min (881.0 - 768.7)

Volume	Invert	Avail.Storage	Storage Description
#1	196.00'	17,418 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
196.00	3,221	0	0
197.00	3,765	3,493	3,493
198.00	4,333	4,049	7,542
199.00	4,930	4,632	12,174
200.00	5,559	5,245	17,418

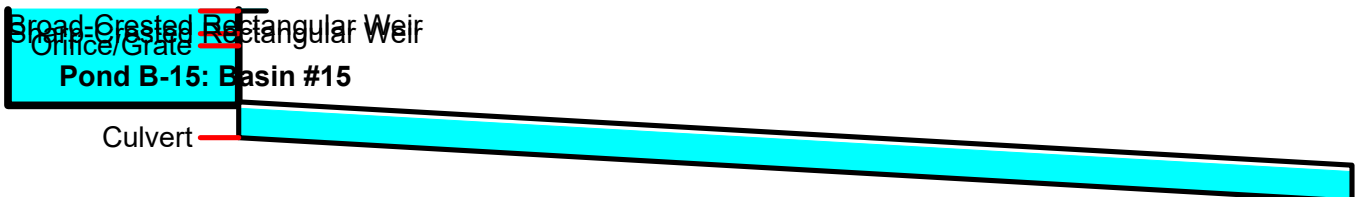
Device	Routing	Invert	Outlet Devices
#1	Primary	194.65'	18.0" Round Culvert L= 203.0' Ke= 0.500 Inlet / Outlet Invert= 194.65' / 192.00' S= 0.0131 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	198.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	199.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	199.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=15.59 cfs @ 12.21 hrs HW=200.03' (Free Discharge)

- 1=Culvert (Passes 13.10 cfs of 15.87 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.74 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 12.91 cfs @ 3.31 fps)
- 4=Broad-Crested Rectangular Weir (Weir Controls 2.49 cfs @ 0.65 fps)

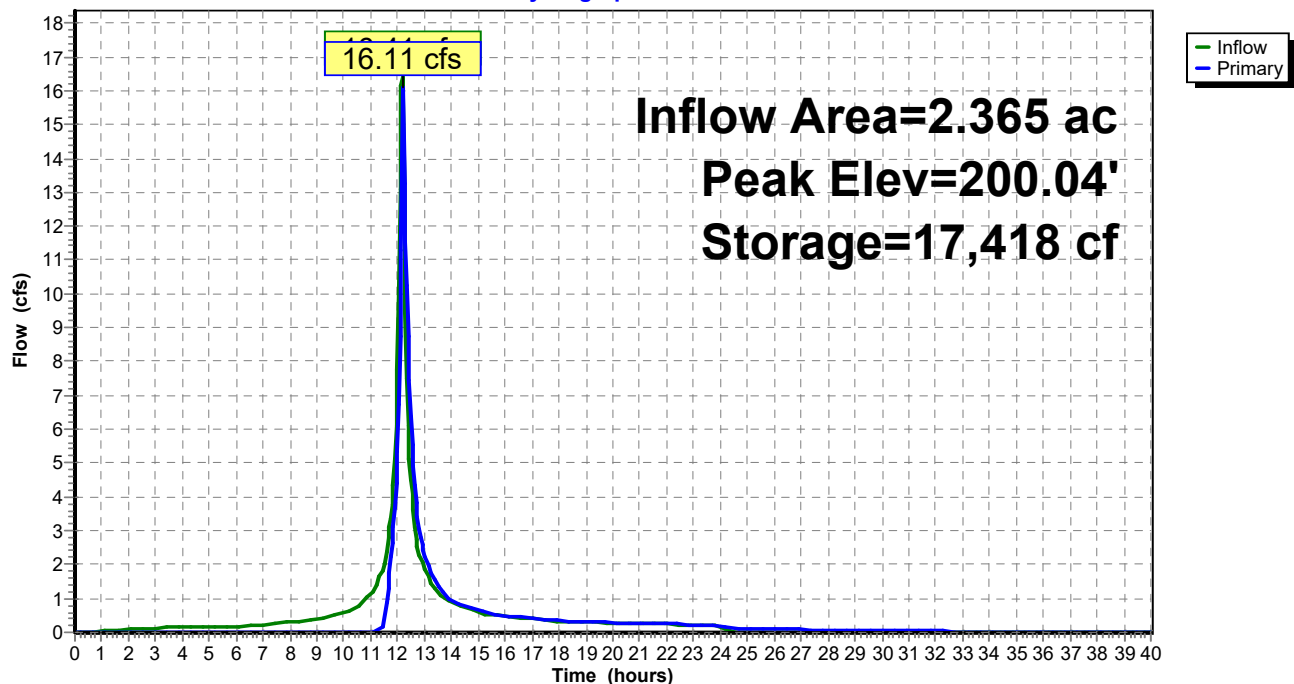
Broad-Crested Rectangular Weir
 Orifice/Grate
Pond B-15: Basin #15

Culvert



Pond B-15: Basin #15

Hydrograph



Hydrograph for Pond B-15: Basin #15

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	196.00	0.00
0.10	0.00	0	196.00	0.00
0.20	0.00	0	196.00	0.00
0.30	0.00	0	196.00	0.00
0.40	0.00	0	196.00	0.00
0.50	0.00	0	196.00	0.00
0.60	0.00	0	196.00	0.00
0.70	0.01	3	196.00	0.00
0.80	0.02	9	196.00	0.00
0.90	0.03	18	196.01	0.00
1.00	0.04	29	196.01	0.00
1.10	0.04	44	196.01	0.00
1.20	0.05	61	196.02	0.00
1.30	0.06	80	196.02	0.00
1.40	0.06	102	196.03	0.00
1.50	0.07	125	196.04	0.00
1.60	0.07	151	196.05	0.00
1.70	0.08	178	196.05	0.00
1.80	0.08	207	196.06	0.00
1.90	0.09	237	196.07	0.00
2.00	0.09	269	196.08	0.00
2.10	0.09	302	196.09	0.00
2.20	0.10	337	196.10	0.00
2.30	0.10	372	196.11	0.00
2.40	0.10	409	196.13	0.00
2.50	0.11	448	196.14	0.00
2.60	0.11	487	196.15	0.00
2.70	0.11	527	196.16	0.00
2.80	0.12	568	196.17	0.00
2.90	0.12	611	196.19	0.00
3.00	0.12	654	196.20	0.00
3.10	0.12	698	196.21	0.00
3.20	0.13	743	196.23	0.00
3.30	0.13	789	196.24	0.00
3.40	0.13	835	196.25	0.00
3.50	0.13	883	196.27	0.00
3.60	0.14	931	196.28	0.00
3.70	0.14	980	196.30	0.00
3.80	0.14	1,030	196.31	0.00
3.90	0.14	1,081	196.33	0.00
4.00	0.14	1,132	196.34	0.00
4.10	0.15	1,184	196.36	0.00
4.20	0.15	1,236	196.37	0.00
4.30	0.15	1,290	196.39	0.00
4.40	0.15	1,344	196.40	0.00
4.50	0.15	1,399	196.42	0.00
4.60	0.15	1,454	196.44	0.00
4.70	0.16	1,510	196.45	0.00
4.80	0.16	1,567	196.47	0.00
4.90	0.16	1,624	196.48	0.00
5.00	0.16	1,681	196.50	0.00
5.10	0.16	1,740	196.52	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.16	1,799	196.53	0.00
5.30	0.17	1,858	196.55	0.00
5.40	0.17	1,918	196.57	0.00
5.50	0.17	1,979	196.59	0.00
5.60	0.17	2,040	196.60	0.00
5.70	0.17	2,102	196.62	0.00
5.80	0.17	2,165	196.64	0.00
5.90	0.18	2,228	196.66	0.00
6.00	0.18	2,291	196.67	0.00
6.10	0.18	2,355	196.69	0.00
6.20	0.18	2,420	196.71	0.00
6.30	0.19	2,487	196.73	0.00
6.40	0.19	2,556	196.75	0.00
6.50	0.20	2,627	196.77	0.00
6.60	0.21	2,699	196.79	0.00
6.70	0.21	2,775	196.81	0.00
6.80	0.22	2,852	196.83	0.00
6.90	0.22	2,931	196.85	0.00
7.00	0.23	3,013	196.87	0.00
7.10	0.24	3,097	196.89	0.00
7.20	0.24	3,184	196.92	0.00
7.30	0.25	3,272	196.94	0.00
7.40	0.26	3,364	196.97	0.00
7.50	0.26	3,457	196.99	0.00
7.60	0.27	3,553	197.02	0.00
7.70	0.28	3,652	197.04	0.00
7.80	0.28	3,753	197.07	0.00
7.90	0.29	3,856	197.10	0.00
8.00	0.30	3,962	197.12	0.00
8.10	0.31	4,071	197.15	0.00
8.20	0.31	4,182	197.18	0.00
8.30	0.32	4,296	197.21	0.00
8.40	0.33	4,413	197.24	0.00
8.50	0.33	4,532	197.27	0.00
8.60	0.34	4,653	197.30	0.00
8.70	0.35	4,778	197.33	0.00
8.80	0.36	4,905	197.36	0.00
8.90	0.36	5,035	197.40	0.00
9.00	0.37	5,167	197.43	0.00
9.10	0.38	5,303	197.46	0.00
9.20	0.40	5,445	197.50	0.00
9.30	0.43	5,594	197.54	0.00
9.40	0.45	5,751	197.57	0.00
9.50	0.47	5,917	197.62	0.00
9.60	0.50	6,091	197.66	0.00
9.70	0.52	6,274	197.70	0.00
9.80	0.55	6,466	197.75	0.00
9.90	0.57	6,667	197.80	0.00
10.00	0.60	6,878	197.85	0.00
10.10	0.62	7,097	197.90	0.00
10.20	0.65	7,326	197.95	0.00
10.30	0.68	7,564	198.01	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.70	7,812	198.06	0.00
10.50	0.73	8,069	198.12	0.00
10.60	0.77	8,338	198.18	0.00
10.70	0.85	8,630	198.25	0.00
10.80	0.94	8,952	198.32	0.00
10.90	1.03	9,307	198.40	0.00
11.00	1.13	9,697	198.48	0.00
11.10	1.25	10,123	198.57	0.01
11.20	1.41	10,592	198.67	0.04
11.30	1.59	11,112	198.78	0.07
11.40	1.78	11,690	198.90	0.09
11.50	1.96	12,321	199.03	0.19
11.60	2.37	12,906	199.15	0.86
11.70	3.12	13,432	199.25	1.76
11.80	3.78	13,867	199.34	2.65
11.90	5.11	14,317	199.42	3.68
12.00	7.75	14,977	199.55	5.34
12.10	13.11	16,172	199.77	8.72
12.20	15.81	17,418	200.03	16.05
12.30	9.54	17,096	199.94	11.58
12.40	6.12	16,185	199.78	8.76
12.50	4.49	15,358	199.62	6.38
12.60	3.63	14,810	199.52	4.90
12.70	2.74	14,378	199.44	3.82
12.80	2.36	14,057	199.37	3.07
12.90	2.12	13,845	199.33	2.60
13.00	1.91	13,694	199.30	2.28
13.10	1.71	13,570	199.28	2.03
13.20	1.53	13,461	199.26	1.82
13.30	1.40	13,367	199.24	1.64
13.40	1.29	13,289	199.22	1.49
13.50	1.18	13,218	199.21	1.37
13.60	1.07	13,153	199.20	1.25
13.70	0.98	13,090	199.18	1.15
13.80	0.94	13,037	199.17	1.06
13.90	0.91	12,998	199.17	1.00
14.00	0.88	12,969	199.16	0.95
14.10	0.85	12,944	199.15	0.91
14.20	0.82	12,921	199.15	0.88
14.30	0.79	12,900	199.15	0.85
14.40	0.76	12,880	199.14	0.82
14.50	0.74	12,860	199.14	0.79
14.60	0.71	12,840	199.13	0.76
14.70	0.68	12,821	199.13	0.73
14.80	0.65	12,801	199.13	0.70
14.90	0.62	12,782	199.12	0.68
15.00	0.59	12,762	199.12	0.65
15.10	0.57	12,742	199.11	0.62
15.20	0.54	12,721	199.11	0.60
15.30	0.53	12,703	199.11	0.57
15.40	0.52	12,688	199.10	0.56
15.50	0.51	12,677	199.10	0.54

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	12,667	199.10	0.53
15.70	0.50	12,659	199.10	0.52
15.80	0.49	12,652	199.10	0.51
15.90	0.48	12,645	199.09	0.50
16.00	0.48	12,638	199.09	0.49
16.10	0.47	12,632	199.09	0.49
16.20	0.46	12,626	199.09	0.48
16.30	0.45	12,620	199.09	0.47
16.40	0.45	12,614	199.09	0.46
16.50	0.44	12,607	199.09	0.46
16.60	0.43	12,601	199.09	0.45
16.70	0.42	12,595	199.09	0.44
16.80	0.42	12,589	199.08	0.43
16.90	0.41	12,583	199.08	0.42
17.00	0.40	12,577	199.08	0.42
17.10	0.39	12,571	199.08	0.41
17.20	0.39	12,565	199.08	0.40
17.30	0.38	12,559	199.08	0.40
17.40	0.37	12,551	199.08	0.39
17.50	0.36	12,544	199.07	0.38
17.60	0.36	12,537	199.07	0.38
17.70	0.35	12,530	199.07	0.37
17.80	0.34	12,522	199.07	0.36
17.90	0.33	12,515	199.07	0.35
18.00	0.32	12,507	199.07	0.35
18.10	0.32	12,499	199.07	0.34
18.20	0.31	12,492	199.06	0.33
18.30	0.31	12,485	199.06	0.32
18.40	0.31	12,480	199.06	0.32
18.50	0.30	12,475	199.06	0.31
18.60	0.30	12,471	199.06	0.31
18.70	0.30	12,468	199.06	0.31
18.80	0.30	12,465	199.06	0.31
18.90	0.30	12,463	199.06	0.30
19.00	0.29	12,461	199.06	0.30
19.10	0.29	12,458	199.06	0.30
19.20	0.29	12,456	199.06	0.30
19.30	0.29	12,454	199.06	0.29
19.40	0.29	12,452	199.06	0.29
19.50	0.28	12,450	199.06	0.29
19.60	0.28	12,448	199.06	0.29
19.70	0.28	12,446	199.06	0.29
19.80	0.28	12,444	199.05	0.28
19.90	0.28	12,443	199.05	0.28
20.00	0.28	12,441	199.05	0.28
20.10	0.27	12,439	199.05	0.28
20.20	0.27	12,437	199.05	0.28
20.30	0.27	12,435	199.05	0.28
20.40	0.27	12,433	199.05	0.27
20.50	0.27	12,431	199.05	0.27
20.60	0.26	12,429	199.05	0.27
20.70	0.26	12,427	199.05	0.27

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	12,425	199.05	0.27
20.90	0.26	12,423	199.05	0.26
21.00	0.26	12,421	199.05	0.26
21.10	0.25	12,419	199.05	0.26
21.20	0.25	12,417	199.05	0.26
21.30	0.25	12,415	199.05	0.26
21.40	0.25	12,414	199.05	0.25
21.50	0.25	12,412	199.05	0.25
21.60	0.24	12,410	199.05	0.25
21.70	0.24	12,408	199.05	0.25
21.80	0.24	12,406	199.05	0.25
21.90	0.24	12,404	199.05	0.24
22.00	0.24	12,402	199.05	0.24
22.10	0.24	12,400	199.05	0.24
22.20	0.23	12,398	199.05	0.24
22.30	0.23	12,396	199.05	0.24
22.40	0.23	12,394	199.04	0.24
22.50	0.23	12,392	199.04	0.23
22.60	0.23	12,390	199.04	0.23
22.70	0.22	12,388	199.04	0.23
22.80	0.22	12,387	199.04	0.23
22.90	0.22	12,385	199.04	0.23
23.00	0.22	12,383	199.04	0.22
23.10	0.22	12,381	199.04	0.22
23.20	0.21	12,379	199.04	0.22
23.30	0.21	12,377	199.04	0.22
23.40	0.21	12,375	199.04	0.22
23.50	0.21	12,373	199.04	0.21
23.60	0.21	12,371	199.04	0.21
23.70	0.21	12,369	199.04	0.21
23.80	0.20	12,367	199.04	0.21
23.90	0.20	12,364	199.04	0.21
24.00	0.21	12,363	199.04	0.21
24.10	0.18	12,362	199.04	0.21
24.20	0.05	12,330	199.03	0.19
24.30	0.01	12,277	199.02	0.16
24.40	0.00	12,226	199.01	0.13
24.50	0.00	12,183	199.00	0.11
24.60	0.00	12,146	198.99	0.10
24.70	0.00	12,109	198.99	0.10
24.80	0.00	12,073	198.98	0.10
24.90	0.00	12,037	198.97	0.10
25.00	0.00	12,001	198.96	0.10
25.10	0.00	11,966	198.96	0.10
25.20	0.00	11,931	198.95	0.10
25.30	0.00	11,896	198.94	0.10
25.40	0.00	11,862	198.94	0.09
25.50	0.00	11,828	198.93	0.09
25.60	0.00	11,795	198.92	0.09
25.70	0.00	11,761	198.92	0.09
25.80	0.00	11,729	198.91	0.09
25.90	0.00	11,696	198.90	0.09

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,664	198.90	0.09
26.10	0.00	11,632	198.89	0.09
26.20	0.00	11,601	198.88	0.09
26.30	0.00	11,570	198.88	0.09
26.40	0.00	11,539	198.87	0.08
26.50	0.00	11,509	198.86	0.08
26.60	0.00	11,479	198.86	0.08
26.70	0.00	11,450	198.85	0.08
26.80	0.00	11,420	198.85	0.08
26.90	0.00	11,391	198.84	0.08
27.00	0.00	11,363	198.83	0.08
27.10	0.00	11,335	198.83	0.08
27.20	0.00	11,307	198.82	0.08
27.30	0.00	11,280	198.82	0.08
27.40	0.00	11,253	198.81	0.07
27.50	0.00	11,226	198.81	0.07
27.60	0.00	11,200	198.80	0.07
27.70	0.00	11,174	198.79	0.07
27.80	0.00	11,148	198.79	0.07
27.90	0.00	11,123	198.78	0.07
28.00	0.00	11,098	198.78	0.07
28.10	0.00	11,074	198.77	0.07
28.20	0.00	11,049	198.77	0.07
28.30	0.00	11,026	198.76	0.07
28.40	0.00	11,002	198.76	0.06
28.50	0.00	10,979	198.75	0.06
28.60	0.00	10,957	198.75	0.06
28.70	0.00	10,934	198.74	0.06
28.80	0.00	10,912	198.74	0.06
28.90	0.00	10,891	198.74	0.06
29.00	0.00	10,870	198.73	0.06
29.10	0.00	10,849	198.73	0.06
29.20	0.00	10,828	198.72	0.06
29.30	0.00	10,808	198.72	0.06
29.40	0.00	10,788	198.71	0.05
29.50	0.00	10,769	198.71	0.05
29.60	0.00	10,750	198.71	0.05
29.70	0.00	10,732	198.70	0.05
29.80	0.00	10,713	198.70	0.05
29.90	0.00	10,696	198.69	0.05
30.00	0.00	10,678	198.69	0.05
30.10	0.00	10,661	198.69	0.05
30.20	0.00	10,644	198.68	0.05
30.30	0.00	10,628	198.68	0.05
30.40	0.00	10,612	198.68	0.04
30.50	0.00	10,596	198.67	0.04
30.60	0.00	10,581	198.67	0.04
30.70	0.00	10,566	198.67	0.04
30.80	0.00	10,551	198.66	0.04
30.90	0.00	10,537	198.66	0.04
31.00	0.00	10,524	198.66	0.04
31.10	0.00	10,510	198.66	0.04

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,497	198.65	0.04
31.30	0.00	10,485	198.65	0.03
31.40	0.00	10,472	198.65	0.03
31.50	0.00	10,460	198.64	0.03
31.60	0.00	10,449	198.64	0.03
31.70	0.00	10,437	198.64	0.03
31.80	0.00	10,426	198.64	0.03
31.90	0.00	10,416	198.64	0.03
32.00	0.00	10,405	198.63	0.03
32.10	0.00	10,395	198.63	0.03
32.20	0.00	10,385	198.63	0.03
32.30	0.00	10,375	198.63	0.03
32.40	0.00	10,366	198.62	0.03
32.50	0.00	10,357	198.62	0.03
32.60	0.00	10,348	198.62	0.02
32.70	0.00	10,339	198.62	0.02
32.80	0.00	10,331	198.62	0.02
32.90	0.00	10,322	198.62	0.02
33.00	0.00	10,314	198.61	0.02
33.10	0.00	10,306	198.61	0.02
33.20	0.00	10,299	198.61	0.02
33.30	0.00	10,291	198.61	0.02
33.40	0.00	10,284	198.61	0.02
33.50	0.00	10,277	198.61	0.02
33.60	0.00	10,270	198.60	0.02
33.70	0.00	10,263	198.60	0.02
33.80	0.00	10,257	198.60	0.02
33.90	0.00	10,250	198.60	0.02
34.00	0.00	10,244	198.60	0.02
34.10	0.00	10,238	198.60	0.02
34.20	0.00	10,232	198.60	0.02
34.30	0.00	10,226	198.60	0.02
34.40	0.00	10,220	198.59	0.02
34.50	0.00	10,215	198.59	0.02
34.60	0.00	10,209	198.59	0.02
34.70	0.00	10,204	198.59	0.01
34.80	0.00	10,199	198.59	0.01
34.90	0.00	10,193	198.59	0.01
35.00	0.00	10,188	198.59	0.01
35.10	0.00	10,183	198.59	0.01
35.20	0.00	10,179	198.58	0.01
35.30	0.00	10,174	198.58	0.01
35.40	0.00	10,169	198.58	0.01
35.50	0.00	10,165	198.58	0.01
35.60	0.00	10,160	198.58	0.01
35.70	0.00	10,156	198.58	0.01
35.80	0.00	10,151	198.58	0.01
35.90	0.00	10,147	198.58	0.01
36.00	0.00	10,143	198.58	0.01
36.10	0.00	10,139	198.58	0.01
36.20	0.00	10,135	198.58	0.01
36.30	0.00	10,131	198.57	0.01

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,127	198.57	0.01
36.50	0.00	10,123	198.57	0.01
36.60	0.00	10,120	198.57	0.01
36.70	0.00	10,116	198.57	0.01
36.80	0.00	10,113	198.57	0.01
36.90	0.00	10,109	198.57	0.01
37.00	0.00	10,106	198.57	0.01
37.10	0.00	10,103	198.57	0.01
37.20	0.00	10,099	198.57	0.01
37.30	0.00	10,096	198.57	0.01
37.40	0.00	10,093	198.57	0.01
37.50	0.00	10,090	198.57	0.01
37.60	0.00	10,087	198.57	0.01
37.70	0.00	10,084	198.56	0.01
37.80	0.00	10,081	198.56	0.01
37.90	0.00	10,078	198.56	0.01
38.00	0.00	10,076	198.56	0.01
38.10	0.00	10,073	198.56	0.01
38.20	0.00	10,070	198.56	0.01
38.30	0.00	10,068	198.56	0.01
38.40	0.00	10,065	198.56	0.01
38.50	0.00	10,063	198.56	0.01
38.60	0.00	10,060	198.56	0.01
38.70	0.00	10,058	198.56	0.01
38.80	0.00	10,056	198.56	0.01
38.90	0.00	10,053	198.56	0.01
39.00	0.00	10,051	198.56	0.01
39.10	0.00	10,049	198.56	0.01
39.20	0.00	10,046	198.56	0.01
39.30	0.00	10,044	198.56	0.01
39.40	0.00	10,042	198.56	0.01
39.50	0.00	10,040	198.56	0.01
39.60	0.00	10,038	198.55	0.01
39.70	0.00	10,035	198.55	0.01
39.80	0.00	10,033	198.55	0.01
39.90	0.00	10,031	198.55	0.01
40.00	0.00	10,029	198.55	0.01

Stage-Discharge for Pond B-15: Basin #15

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.00	0.00	196.52	0.00	197.04	0.00	197.56	0.00
196.01	0.00	196.53	0.00	197.05	0.00	197.57	0.00
196.02	0.00	196.54	0.00	197.06	0.00	197.58	0.00
196.03	0.00	196.55	0.00	197.07	0.00	197.59	0.00
196.04	0.00	196.56	0.00	197.08	0.00	197.60	0.00
196.05	0.00	196.57	0.00	197.09	0.00	197.61	0.00
196.06	0.00	196.58	0.00	197.10	0.00	197.62	0.00
196.07	0.00	196.59	0.00	197.11	0.00	197.63	0.00
196.08	0.00	196.60	0.00	197.12	0.00	197.64	0.00
196.09	0.00	196.61	0.00	197.13	0.00	197.65	0.00
196.10	0.00	196.62	0.00	197.14	0.00	197.66	0.00
196.11	0.00	196.63	0.00	197.15	0.00	197.67	0.00
196.12	0.00	196.64	0.00	197.16	0.00	197.68	0.00
196.13	0.00	196.65	0.00	197.17	0.00	197.69	0.00
196.14	0.00	196.66	0.00	197.18	0.00	197.70	0.00
196.15	0.00	196.67	0.00	197.19	0.00	197.71	0.00
196.16	0.00	196.68	0.00	197.20	0.00	197.72	0.00
196.17	0.00	196.69	0.00	197.21	0.00	197.73	0.00
196.18	0.00	196.70	0.00	197.22	0.00	197.74	0.00
196.19	0.00	196.71	0.00	197.23	0.00	197.75	0.00
196.20	0.00	196.72	0.00	197.24	0.00	197.76	0.00
196.21	0.00	196.73	0.00	197.25	0.00	197.77	0.00
196.22	0.00	196.74	0.00	197.26	0.00	197.78	0.00
196.23	0.00	196.75	0.00	197.27	0.00	197.79	0.00
196.24	0.00	196.76	0.00	197.28	0.00	197.80	0.00
196.25	0.00	196.77	0.00	197.29	0.00	197.81	0.00
196.26	0.00	196.78	0.00	197.30	0.00	197.82	0.00
196.27	0.00	196.79	0.00	197.31	0.00	197.83	0.00
196.28	0.00	196.80	0.00	197.32	0.00	197.84	0.00
196.29	0.00	196.81	0.00	197.33	0.00	197.85	0.00
196.30	0.00	196.82	0.00	197.34	0.00	197.86	0.00
196.31	0.00	196.83	0.00	197.35	0.00	197.87	0.00
196.32	0.00	196.84	0.00	197.36	0.00	197.88	0.00
196.33	0.00	196.85	0.00	197.37	0.00	197.89	0.00
196.34	0.00	196.86	0.00	197.38	0.00	197.90	0.00
196.35	0.00	196.87	0.00	197.39	0.00	197.91	0.00
196.36	0.00	196.88	0.00	197.40	0.00	197.92	0.00
196.37	0.00	196.89	0.00	197.41	0.00	197.93	0.00
196.38	0.00	196.90	0.00	197.42	0.00	197.94	0.00
196.39	0.00	196.91	0.00	197.43	0.00	197.95	0.00
196.40	0.00	196.92	0.00	197.44	0.00	197.96	0.00
196.41	0.00	196.93	0.00	197.45	0.00	197.97	0.00
196.42	0.00	196.94	0.00	197.46	0.00	197.98	0.00
196.43	0.00	196.95	0.00	197.47	0.00	197.99	0.00
196.44	0.00	196.96	0.00	197.48	0.00	198.00	0.00
196.45	0.00	196.97	0.00	197.49	0.00	198.01	0.00
196.46	0.00	196.98	0.00	197.50	0.00	198.02	0.00
196.47	0.00	196.99	0.00	197.51	0.00	198.03	0.00
196.48	0.00	197.00	0.00	197.52	0.00	198.04	0.00
196.49	0.00	197.01	0.00	197.53	0.00	198.05	0.00
196.50	0.00	197.02	0.00	197.54	0.00	198.06	0.00
196.51	0.00	197.03	0.00	197.55	0.00	198.07	0.00

Stage-Discharge for Pond B-15: Basin #15 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
198.08	0.00	198.60	0.02	199.12	0.66	199.64	6.65
198.09	0.00	198.61	0.02	199.13	0.73	199.65	6.80
198.10	0.00	198.62	0.02	199.14	0.80	199.66	6.95
198.11	0.00	198.63	0.03	199.15	0.88	199.67	7.10
198.12	0.00	198.64	0.03	199.16	0.95	199.68	7.26
198.13	0.00	198.65	0.03	199.17	1.03	199.69	7.41
198.14	0.00	198.66	0.04	199.18	1.11	199.70	7.56
198.15	0.00	198.67	0.04	199.19	1.20	199.71	7.72
198.16	0.00	198.68	0.05	199.20	1.28	199.72	7.88
198.17	0.00	198.69	0.05	199.21	1.37	199.73	8.03
198.18	0.00	198.70	0.05	199.22	1.46	199.74	8.19
198.19	0.00	198.71	0.05	199.23	1.56	199.75	8.35
198.20	0.00	198.72	0.06	199.24	1.65	199.76	8.51
198.21	0.00	198.73	0.06	199.25	1.75	199.77	8.67
198.22	0.00	198.74	0.06	199.26	1.84	199.78	8.84
198.23	0.00	198.75	0.06	199.27	1.94	199.79	9.00
198.24	0.00	198.76	0.06	199.28	2.05	199.80	9.16
198.25	0.00	198.77	0.07	199.29	2.15	199.81	9.33
198.26	0.00	198.78	0.07	199.30	2.25	199.82	9.50
198.27	0.00	198.79	0.07	199.31	2.36	199.83	9.66
198.28	0.00	198.80	0.07	199.32	2.47	199.84	9.83
198.29	0.00	198.81	0.07	199.33	2.58	199.85	10.00
198.30	0.00	198.82	0.08	199.34	2.69	199.86	10.17
198.31	0.00	198.83	0.08	199.35	2.80	199.87	10.34
198.32	0.00	198.84	0.08	199.36	2.92	199.88	10.51
198.33	0.00	198.85	0.08	199.37	3.03	199.89	10.68
198.34	0.00	198.86	0.08	199.38	3.15	199.90	10.85
198.35	0.00	198.87	0.08	199.39	3.27	199.91	11.03
198.36	0.00	198.88	0.09	199.40	3.39	199.92	11.20
198.37	0.00	198.89	0.09	199.41	3.51	199.93	11.37
198.38	0.00	198.90	0.09	199.42	3.63	199.94	11.55
198.39	0.00	198.91	0.09	199.43	3.76	199.95	11.73
198.40	0.00	198.92	0.09	199.44	3.88	199.96	12.02
198.41	0.00	198.93	0.09	199.45	4.01	199.97	12.41
198.42	0.00	198.94	0.10	199.46	4.14	199.98	12.87
198.43	0.00	198.95	0.10	199.47	4.27	199.99	13.38
198.44	0.00	198.96	0.10	199.48	4.40	200.00	13.93
198.45	0.00	198.97	0.10	199.49	4.53	200.01	14.53
198.46	0.00	198.98	0.10	199.50	4.66	200.02	15.16
198.47	0.00	198.99	0.10	199.51	4.80	200.03	15.82
198.48	0.00	199.00	0.10	199.52	4.93	200.04	16.52
198.49	0.00	199.01	0.12	199.53	5.07		
198.50	0.00	199.02	0.14	199.54	5.21		
198.51	0.00	199.03	0.17	199.55	5.35		
198.52	0.00	199.04	0.21	199.56	5.49		
198.53	0.00	199.05	0.26	199.57	5.63		
198.54	0.00	199.06	0.30	199.58	5.77		
198.55	0.00	199.07	0.35	199.59	5.92		
198.56	0.01	199.08	0.41	199.60	6.06		
198.57	0.01	199.09	0.47	199.61	6.21		
198.58	0.01	199.10	0.53	199.62	6.35		
198.59	0.01	199.11	0.59	199.63	6.50		

Stage-Area-Storage for Pond B-15: Basin #15

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.00	3,221	0	196.52	3,504	1,748
196.01	3,226	32	196.53	3,509	1,784
196.02	3,232	65	196.54	3,515	1,819
196.03	3,237	97	196.55	3,520	1,854
196.04	3,243	129	196.56	3,526	1,889
196.05	3,248	162	196.57	3,531	1,924
196.06	3,254	194	196.58	3,537	1,960
196.07	3,259	227	196.59	3,542	1,995
196.08	3,265	259	196.60	3,547	2,031
196.09	3,270	292	196.61	3,553	2,066
196.10	3,275	325	196.62	3,558	2,102
196.11	3,281	358	196.63	3,564	2,137
196.12	3,286	390	196.64	3,569	2,173
196.13	3,292	423	196.65	3,575	2,209
196.14	3,297	456	196.66	3,580	2,244
196.15	3,303	489	196.67	3,585	2,280
196.16	3,308	522	196.68	3,591	2,316
196.17	3,313	555	196.69	3,596	2,352
196.18	3,319	589	196.70	3,602	2,388
196.19	3,324	622	196.71	3,607	2,424
196.20	3,330	655	196.72	3,613	2,460
196.21	3,335	688	196.73	3,618	2,496
196.22	3,341	722	196.74	3,624	2,532
196.23	3,346	755	196.75	3,629	2,569
196.24	3,352	789	196.76	3,634	2,605
196.25	3,357	822	196.77	3,640	2,641
196.26	3,362	856	196.78	3,645	2,678
196.27	3,368	889	196.79	3,651	2,714
196.28	3,373	923	196.80	3,656	2,751
196.29	3,379	957	196.81	3,662	2,787
196.30	3,384	991	196.82	3,667	2,824
196.31	3,390	1,025	196.83	3,673	2,861
196.32	3,395	1,059	196.84	3,678	2,898
196.33	3,401	1,093	196.85	3,683	2,934
196.34	3,406	1,127	196.86	3,689	2,971
196.35	3,411	1,161	196.87	3,694	3,008
196.36	3,417	1,195	196.88	3,700	3,045
196.37	3,422	1,229	196.89	3,705	3,082
196.38	3,428	1,263	196.90	3,711	3,119
196.39	3,433	1,298	196.91	3,716	3,156
196.40	3,439	1,332	196.92	3,721	3,194
196.41	3,444	1,366	196.93	3,727	3,231
196.42	3,449	1,401	196.94	3,732	3,268
196.43	3,455	1,435	196.95	3,738	3,305
196.44	3,460	1,470	196.96	3,743	3,343
196.45	3,466	1,505	196.97	3,749	3,380
196.46	3,471	1,539	196.98	3,754	3,418
196.47	3,477	1,574	196.99	3,760	3,455
196.48	3,482	1,609	197.00	3,765	3,493
196.49	3,488	1,644	197.01	3,771	3,531
196.50	3,493	1,679	197.02	3,776	3,568
196.51	3,498	1,713	197.03	3,782	3,606

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.04	3,788	3,644	197.56	4,083	5,690
197.05	3,793	3,682	197.57	4,089	5,731
197.06	3,799	3,720	197.58	4,094	5,772
197.07	3,805	3,758	197.59	4,100	5,813
197.08	3,810	3,796	197.60	4,106	5,854
197.09	3,816	3,834	197.61	4,111	5,895
197.10	3,822	3,872	197.62	4,117	5,936
197.11	3,827	3,911	197.63	4,123	5,978
197.12	3,833	3,949	197.64	4,129	6,019
197.13	3,839	3,987	197.65	4,134	6,060
197.14	3,845	4,026	197.66	4,140	6,102
197.15	3,850	4,064	197.67	4,146	6,143
197.16	3,856	4,103	197.68	4,151	6,185
197.17	3,862	4,141	197.69	4,157	6,226
197.18	3,867	4,180	197.70	4,163	6,268
197.19	3,873	4,219	197.71	4,168	6,309
197.20	3,879	4,257	197.72	4,174	6,351
197.21	3,884	4,296	197.73	4,180	6,393
197.22	3,890	4,335	197.74	4,185	6,435
197.23	3,896	4,374	197.75	4,191	6,477
197.24	3,901	4,413	197.76	4,197	6,518
197.25	3,907	4,452	197.77	4,202	6,560
197.26	3,913	4,491	197.78	4,208	6,602
197.27	3,918	4,530	197.79	4,214	6,645
197.28	3,924	4,569	197.80	4,219	6,687
197.29	3,930	4,609	197.81	4,225	6,729
197.30	3,935	4,648	197.82	4,231	6,771
197.31	3,941	4,687	197.83	4,236	6,814
197.32	3,947	4,727	197.84	4,242	6,856
197.33	3,952	4,766	197.85	4,248	6,898
197.34	3,958	4,806	197.86	4,253	6,941
197.35	3,964	4,846	197.87	4,259	6,984
197.36	3,969	4,885	197.88	4,265	7,026
197.37	3,975	4,925	197.89	4,271	7,069
197.38	3,981	4,965	197.90	4,276	7,112
197.39	3,987	5,005	197.91	4,282	7,154
197.40	3,992	5,044	197.92	4,288	7,197
197.41	3,998	5,084	197.93	4,293	7,240
197.42	4,004	5,124	197.94	4,299	7,283
197.43	4,009	5,164	197.95	4,305	7,326
197.44	4,015	5,205	197.96	4,310	7,369
197.45	4,021	5,245	197.97	4,316	7,412
197.46	4,026	5,285	197.98	4,322	7,455
197.47	4,032	5,325	197.99	4,327	7,499
197.48	4,038	5,366	198.00	4,333	7,542
197.49	4,043	5,406	198.01	4,339	7,585
197.50	4,049	5,447	198.02	4,345	7,629
197.51	4,055	5,487	198.03	4,351	7,672
197.52	4,060	5,528	198.04	4,357	7,716
197.53	4,066	5,568	198.05	4,363	7,759
197.54	4,072	5,609	198.06	4,369	7,803
197.55	4,077	5,650	198.07	4,375	7,847

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.08	4,381	7,891	198.60	4,691	10,249
198.09	4,387	7,934	198.61	4,697	10,296
198.10	4,393	7,978	198.62	4,703	10,343
198.11	4,399	8,022	198.63	4,709	10,390
198.12	4,405	8,066	198.64	4,715	10,437
198.13	4,411	8,110	198.65	4,721	10,485
198.14	4,417	8,154	198.66	4,727	10,532
198.15	4,423	8,199	198.67	4,733	10,579
198.16	4,429	8,243	198.68	4,739	10,626
198.17	4,434	8,287	198.69	4,745	10,674
198.18	4,440	8,332	198.70	4,751	10,721
198.19	4,446	8,376	198.71	4,757	10,769
198.20	4,452	8,421	198.72	4,763	10,817
198.21	4,458	8,465	198.73	4,769	10,864
198.22	4,464	8,510	198.74	4,775	10,912
198.23	4,470	8,554	198.75	4,781	10,960
198.24	4,476	8,599	198.76	4,787	11,007
198.25	4,482	8,644	198.77	4,793	11,055
198.26	4,488	8,689	198.78	4,799	11,103
198.27	4,494	8,734	198.79	4,805	11,151
198.28	4,500	8,779	198.80	4,811	11,199
198.29	4,506	8,824	198.81	4,817	11,248
198.30	4,512	8,869	198.82	4,823	11,296
198.31	4,518	8,914	198.83	4,829	11,344
198.32	4,524	8,959	198.84	4,834	11,392
198.33	4,530	9,004	198.85	4,840	11,441
198.34	4,536	9,050	198.86	4,846	11,489
198.35	4,542	9,095	198.87	4,852	11,538
198.36	4,548	9,141	198.88	4,858	11,586
198.37	4,554	9,186	198.89	4,864	11,635
198.38	4,560	9,232	198.90	4,870	11,683
198.39	4,566	9,277	198.91	4,876	11,732
198.40	4,572	9,323	198.92	4,882	11,781
198.41	4,578	9,369	198.93	4,888	11,830
198.42	4,584	9,415	198.94	4,894	11,879
198.43	4,590	9,460	198.95	4,900	11,928
198.44	4,596	9,506	198.96	4,906	11,977
198.45	4,602	9,552	198.97	4,912	12,026
198.46	4,608	9,598	198.98	4,918	12,075
198.47	4,614	9,644	198.99	4,924	12,124
198.48	4,620	9,691	199.00	4,930	12,174
198.49	4,626	9,737	199.01	4,936	12,223
198.50	4,632	9,783	199.02	4,943	12,272
198.51	4,637	9,829	199.03	4,949	12,322
198.52	4,643	9,876	199.04	4,955	12,371
198.53	4,649	9,922	199.05	4,961	12,421
198.54	4,655	9,969	199.06	4,968	12,470
198.55	4,661	10,015	199.07	4,974	12,520
198.56	4,667	10,062	199.08	4,980	12,570
198.57	4,673	10,109	199.09	4,987	12,620
198.58	4,679	10,156	199.10	4,993	12,670
198.59	4,685	10,202	199.11	4,999	12,720

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.12	5,005	12,770	199.64	5,333	15,458
199.13	5,012	12,820	199.65	5,339	15,511
199.14	5,018	12,870	199.66	5,345	15,564
199.15	5,024	12,920	199.67	5,351	15,618
199.16	5,031	12,970	199.68	5,358	15,671
199.17	5,037	13,021	199.69	5,364	15,725
199.18	5,043	13,071	199.70	5,370	15,779
199.19	5,050	13,122	199.71	5,377	15,832
199.20	5,056	13,172	199.72	5,383	15,886
199.21	5,062	13,223	199.73	5,389	15,940
199.22	5,068	13,273	199.74	5,395	15,994
199.23	5,075	13,324	199.75	5,402	16,048
199.24	5,081	13,375	199.76	5,408	16,102
199.25	5,087	13,426	199.77	5,414	16,156
199.26	5,094	13,477	199.78	5,421	16,210
199.27	5,100	13,528	199.79	5,427	16,264
199.28	5,106	13,579	199.80	5,433	16,319
199.29	5,112	13,630	199.81	5,439	16,373
199.30	5,119	13,681	199.82	5,446	16,428
199.31	5,125	13,732	199.83	5,452	16,482
199.32	5,131	13,783	199.84	5,458	16,537
199.33	5,138	13,835	199.85	5,465	16,591
199.34	5,144	13,886	199.86	5,471	16,646
199.35	5,150	13,938	199.87	5,477	16,701
199.36	5,156	13,989	199.88	5,484	16,755
199.37	5,163	14,041	199.89	5,490	16,810
199.38	5,169	14,092	199.90	5,496	16,865
199.39	5,175	14,144	199.91	5,502	16,920
199.40	5,182	14,196	199.92	5,509	16,975
199.41	5,188	14,248	199.93	5,515	17,030
199.42	5,194	14,300	199.94	5,521	17,086
199.43	5,200	14,352	199.95	5,528	17,141
199.44	5,207	14,404	199.96	5,534	17,196
199.45	5,213	14,456	199.97	5,540	17,252
199.46	5,219	14,508	199.98	5,546	17,307
199.47	5,226	14,560	199.99	5,553	17,362
199.48	5,232	14,612	200.00	5,559	17,418
199.49	5,238	14,665	200.01	5,559	17,418
199.50	5,245	14,717	200.02	5,559	17,418
199.51	5,251	14,770	200.03	5,559	17,418
199.52	5,257	14,822	200.04	5,559	17,418
199.53	5,263	14,875			
199.54	5,270	14,927			
199.55	5,276	14,980			
199.56	5,282	15,033			
199.57	5,289	15,086			
199.58	5,295	15,139			
199.59	5,301	15,192			
199.60	5,307	15,245			
199.61	5,314	15,298			
199.62	5,320	15,351			
199.63	5,326	15,404			

Summary for Pond B-16A: Basin #16A

Inflow Area = 1.876 ac, 45.47% Impervious, Inflow Depth = 6.63" for Current 100 yr event
 Inflow = 12.55 cfs @ 12.17 hrs, Volume= 1.036 af
 Outflow = 10.48 cfs @ 12.24 hrs, Volume= 0.950 af, Atten= 16%, Lag= 4.1 min
 Primary = 10.48 cfs @ 12.24 hrs, Volume= 0.950 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.49' @ 12.24 hrs Surf.Area= 5,267 sf Storage= 13,551 cf

Plug-Flow detention time= 233.3 min calculated for 0.950 af (92% of inflow)
 Center-of-Mass det. time= 188.3 min (966.4 - 778.1)

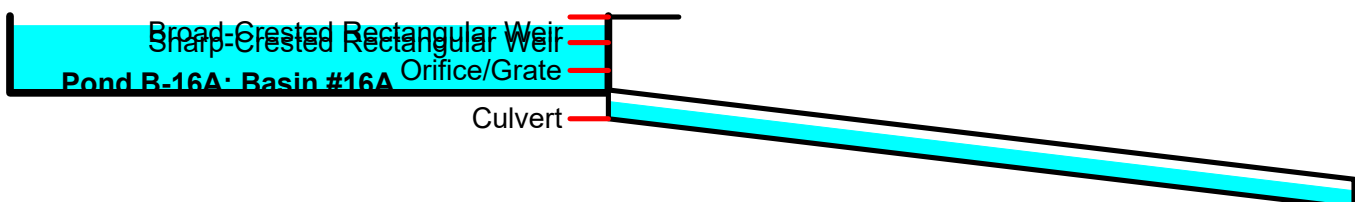
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	16,318 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	2,543	0	0
179.00	3,287	2,915	2,915
180.00	4,059	3,673	6,588
181.00	4,858	4,459	11,047
182.00	5,685	5,272	16,318

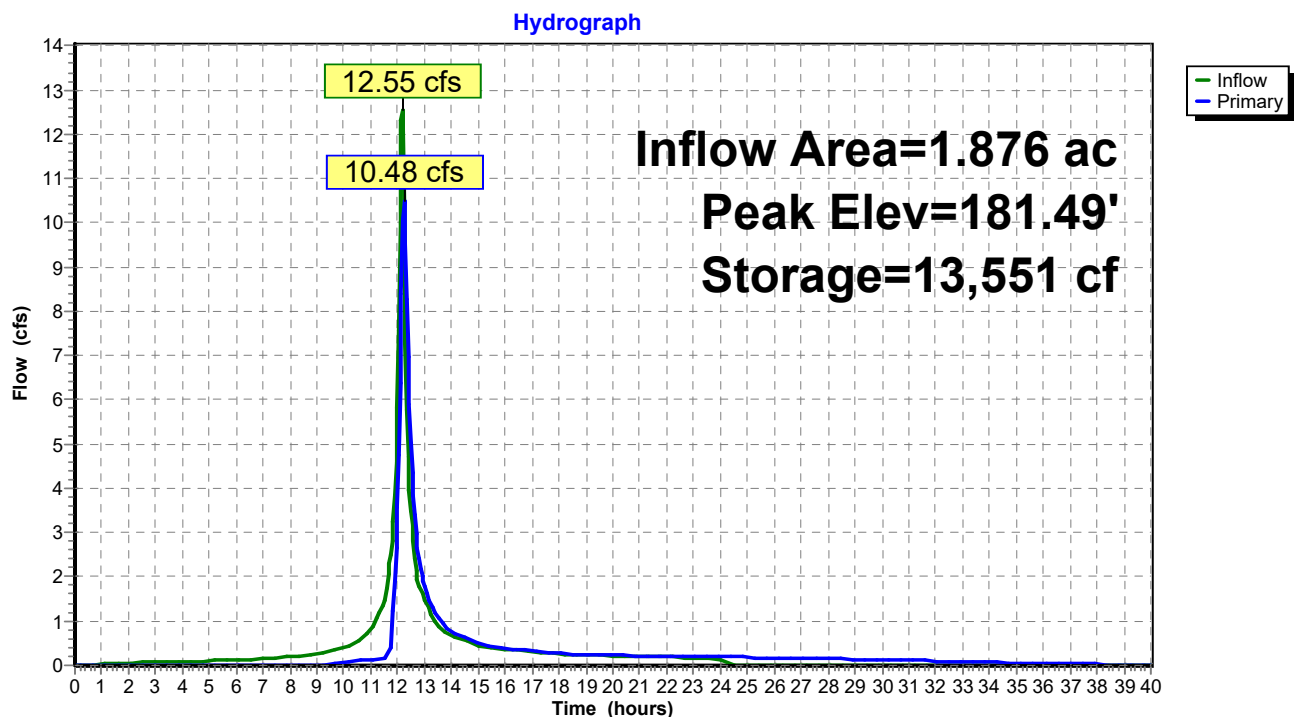
Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' S= 0.0877 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.62'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=10.38 cfs @ 12.24 hrs HW=181.49' (Free Discharge)

- 1=Culvert (Passes 10.38 cfs of 17.21 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.17 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 10.13 cfs @ 3.05 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16A: Basin #16A



Hydrograph for Pond B-16A: Basin #16A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.01	2	178.00	0.00
0.80	0.01	5	178.00	0.00
0.90	0.02	11	178.00	0.00
1.00	0.02	18	178.01	0.00
1.10	0.03	27	178.01	0.00
1.20	0.03	38	178.01	0.00
1.30	0.03	49	178.02	0.00
1.40	0.04	63	178.02	0.00
1.50	0.04	77	178.03	0.00
1.60	0.04	93	178.04	0.00
1.70	0.05	109	178.04	0.00
1.80	0.05	127	178.05	0.00
1.90	0.05	146	178.06	0.00
2.00	0.06	165	178.06	0.00
2.10	0.06	186	178.07	0.00
2.20	0.06	207	178.08	0.00
2.30	0.06	229	178.09	0.00
2.40	0.06	251	178.10	0.00
2.50	0.07	275	178.11	0.00
2.60	0.07	299	178.12	0.00
2.70	0.07	324	178.12	0.00
2.80	0.07	349	178.13	0.00
2.90	0.07	375	178.14	0.00
3.00	0.07	402	178.15	0.00
3.10	0.08	429	178.16	0.00
3.20	0.08	456	178.17	0.00
3.30	0.08	484	178.19	0.00
3.40	0.08	513	178.20	0.00
3.50	0.08	542	178.21	0.00
3.60	0.08	572	178.22	0.00
3.70	0.08	602	178.23	0.00
3.80	0.09	633	178.24	0.00
3.90	0.09	664	178.25	0.00
4.00	0.09	695	178.26	0.00
4.10	0.09	727	178.27	0.00
4.20	0.09	759	178.29	0.00
4.30	0.09	792	178.30	0.00
4.40	0.09	825	178.31	0.00
4.50	0.09	859	178.32	0.00
4.60	0.09	893	178.33	0.00
4.70	0.10	927	178.35	0.00
4.80	0.10	962	178.36	0.00
4.90	0.10	997	178.37	0.00
5.00	0.10	1,033	178.38	0.00
5.10	0.10	1,068	178.40	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,105	178.41	0.00
5.30	0.10	1,141	178.42	0.00
5.40	0.10	1,178	178.44	0.00
5.50	0.10	1,215	178.45	0.00
5.60	0.10	1,253	178.46	0.00
5.70	0.11	1,291	178.47	0.00
5.80	0.11	1,329	178.49	0.00
5.90	0.11	1,368	178.50	0.00
6.00	0.11	1,407	178.51	0.00
6.10	0.11	1,446	178.53	0.00
6.20	0.11	1,486	178.54	0.00
6.30	0.12	1,528	178.56	0.00
6.40	0.12	1,570	178.57	0.00
6.50	0.12	1,613	178.58	0.00
6.60	0.13	1,658	178.60	0.00
6.70	0.13	1,705	178.62	0.00
6.80	0.14	1,753	178.63	0.00
6.90	0.14	1,803	178.65	0.00
7.00	0.15	1,854	178.66	0.00
7.10	0.15	1,907	178.68	0.00
7.20	0.15	1,962	178.70	0.00
7.30	0.16	2,019	178.72	0.00
7.40	0.16	2,077	178.74	0.00
7.50	0.17	2,137	178.76	0.00
7.60	0.17	2,199	178.78	0.00
7.70	0.18	2,262	178.80	0.00
7.80	0.18	2,328	178.82	0.00
7.90	0.19	2,395	178.84	0.00
8.00	0.20	2,465	178.86	0.00
8.10	0.20	2,536	178.88	0.00
8.20	0.21	2,609	178.91	0.00
8.30	0.21	2,684	178.93	0.00
8.40	0.22	2,761	178.95	0.00
8.50	0.22	2,840	178.98	0.00
8.60	0.23	2,922	179.00	0.00
8.70	0.23	3,005	179.03	0.00
8.80	0.24	3,090	179.05	0.00
8.90	0.25	3,177	179.08	0.00
9.00	0.25	3,267	179.11	0.00
9.10	0.26	3,359	179.13	0.00
9.20	0.27	3,455	179.16	0.00
9.30	0.29	3,556	179.19	0.00
9.40	0.31	3,663	179.22	0.01
9.50	0.32	3,773	179.25	0.01
9.60	0.34	3,886	179.29	0.02
9.70	0.36	4,003	179.32	0.03
9.80	0.38	4,121	179.35	0.05
9.90	0.40	4,242	179.39	0.05
10.00	0.42	4,367	179.42	0.06
10.10	0.43	4,497	179.46	0.07
10.20	0.45	4,630	179.49	0.08
10.30	0.48	4,769	179.53	0.08

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.50	4,912	179.57	0.09
10.50	0.52	5,061	179.61	0.09
10.60	0.55	5,217	179.65	0.10
10.70	0.61	5,387	179.70	0.11
10.80	0.67	5,577	179.74	0.11
10.90	0.74	5,790	179.80	0.12
11.00	0.81	6,025	179.86	0.13
11.10	0.90	6,287	179.93	0.13
11.20	1.02	6,584	180.00	0.14
11.30	1.16	6,924	180.08	0.15
11.40	1.30	7,312	180.18	0.16
11.50	1.44	7,747	180.28	0.16
11.60	1.75	8,247	180.39	0.17
11.70	2.31	8,917	180.54	0.18
11.80	2.81	9,720	180.72	0.61
11.90	3.82	10,457	180.88	1.89
12.00	5.84	11,185	181.03	3.56
12.10	9.97	12,218	181.24	6.37
12.20	12.11	13,431	181.47	10.09
12.30	7.34	13,271	181.44	9.58
12.40	4.72	12,425	181.28	6.97
12.50	3.47	11,738	181.14	5.01
12.60	2.81	11,293	181.05	3.84
12.70	2.12	10,948	180.98	2.99
12.80	1.83	10,691	180.93	2.40
12.90	1.65	10,522	180.89	2.03
13.00	1.48	10,401	180.87	1.78
13.10	1.33	10,302	180.84	1.59
13.20	1.19	10,214	180.83	1.42
13.30	1.09	10,139	180.81	1.28
13.40	1.00	10,075	180.80	1.17
13.50	0.92	10,019	180.78	1.07
13.60	0.83	9,965	180.77	0.98
13.70	0.77	9,914	180.76	0.90
13.80	0.73	9,871	180.75	0.83
13.90	0.71	9,838	180.75	0.79
14.00	0.68	9,813	180.74	0.75
14.10	0.66	9,791	180.74	0.72
14.20	0.64	9,772	180.73	0.69
14.30	0.62	9,755	180.73	0.66
14.40	0.59	9,739	180.72	0.64
14.50	0.57	9,723	180.72	0.62
14.60	0.55	9,707	180.72	0.60
14.70	0.53	9,690	180.71	0.58
14.80	0.51	9,673	180.71	0.56
14.90	0.49	9,656	180.71	0.53
15.00	0.46	9,638	180.70	0.51
15.10	0.44	9,620	180.70	0.49
15.20	0.42	9,602	180.69	0.47
15.30	0.41	9,587	180.69	0.45
15.40	0.41	9,574	180.69	0.44
15.50	0.40	9,565	180.69	0.42

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.39	9,557	180.69	0.41
15.70	0.39	9,550	180.68	0.41
15.80	0.38	9,544	180.68	0.40
15.90	0.38	9,538	180.68	0.39
16.00	0.37	9,532	180.68	0.39
16.10	0.37	9,527	180.68	0.38
16.20	0.36	9,521	180.68	0.38
16.30	0.35	9,515	180.68	0.37
16.40	0.35	9,509	180.67	0.37
16.50	0.34	9,502	180.67	0.36
16.60	0.34	9,496	180.67	0.35
16.70	0.33	9,489	180.67	0.35
16.80	0.32	9,483	180.67	0.34
16.90	0.32	9,476	180.67	0.34
17.00	0.31	9,469	180.67	0.33
17.10	0.31	9,462	180.66	0.33
17.20	0.30	9,456	180.66	0.32
17.30	0.29	9,449	180.66	0.31
17.40	0.29	9,442	180.66	0.31
17.50	0.28	9,435	180.66	0.30
17.60	0.28	9,428	180.66	0.30
17.70	0.27	9,421	180.66	0.29
17.80	0.27	9,414	180.65	0.28
17.90	0.26	9,408	180.65	0.28
18.00	0.25	9,401	180.65	0.27
18.10	0.25	9,394	180.65	0.27
18.20	0.24	9,387	180.65	0.26
18.30	0.24	9,381	180.65	0.26
18.40	0.24	9,376	180.65	0.25
18.50	0.24	9,372	180.64	0.25
18.60	0.24	9,368	180.64	0.24
18.70	0.23	9,365	180.64	0.24
18.80	0.23	9,362	180.64	0.24
18.90	0.23	9,360	180.64	0.24
19.00	0.23	9,358	180.64	0.24
19.10	0.23	9,356	180.64	0.23
19.20	0.23	9,354	180.64	0.23
19.30	0.23	9,352	180.64	0.23
19.40	0.22	9,350	180.64	0.23
19.50	0.22	9,348	180.64	0.23
19.60	0.22	9,346	180.64	0.23
19.70	0.22	9,343	180.64	0.23
19.80	0.22	9,341	180.64	0.23
19.90	0.22	9,339	180.64	0.22
20.00	0.22	9,336	180.64	0.22
20.10	0.21	9,333	180.64	0.22
20.20	0.21	9,330	180.64	0.22
20.30	0.21	9,327	180.64	0.22
20.40	0.21	9,324	180.63	0.22
20.50	0.21	9,321	180.63	0.22
20.60	0.21	9,318	180.63	0.22
20.70	0.21	9,314	180.63	0.21

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	9,311	180.63	0.21
20.90	0.20	9,308	180.63	0.21
21.00	0.20	9,305	180.63	0.21
21.10	0.20	9,301	180.63	0.21
21.20	0.20	9,298	180.63	0.21
21.30	0.20	9,294	180.63	0.21
21.40	0.20	9,291	180.63	0.20
21.50	0.19	9,288	180.63	0.20
21.60	0.19	9,284	180.63	0.20
21.70	0.19	9,281	180.62	0.20
21.80	0.19	9,277	180.62	0.20
21.90	0.19	9,274	180.62	0.20
22.00	0.19	9,270	180.62	0.20
22.10	0.18	9,267	180.62	0.19
22.20	0.18	9,263	180.62	0.19
22.30	0.18	9,260	180.62	0.19
22.40	0.18	9,256	180.62	0.19
22.50	0.18	9,252	180.62	0.19
22.60	0.18	9,248	180.62	0.19
22.70	0.18	9,243	180.62	0.19
22.80	0.17	9,237	180.62	0.19
22.90	0.17	9,231	180.61	0.19
23.00	0.17	9,225	180.61	0.19
23.10	0.17	9,218	180.61	0.19
23.20	0.17	9,210	180.61	0.19
23.30	0.17	9,202	180.61	0.19
23.40	0.17	9,193	180.61	0.19
23.50	0.16	9,185	180.60	0.19
23.60	0.16	9,175	180.60	0.19
23.70	0.16	9,165	180.60	0.19
23.80	0.16	9,155	180.60	0.19
23.90	0.16	9,144	180.59	0.19
24.00	0.16	9,133	180.59	0.19
24.10	0.14	9,124	180.59	0.19
24.20	0.04	9,087	180.58	0.19
24.30	0.01	9,028	180.57	0.19
24.40	0.00	8,962	180.55	0.19
24.50	0.00	8,896	180.54	0.18
24.60	0.00	8,830	180.53	0.18
24.70	0.00	8,764	180.51	0.18
24.80	0.00	8,698	180.50	0.18
24.90	0.00	8,633	180.48	0.18
25.00	0.00	8,569	180.47	0.18
25.10	0.00	8,504	180.45	0.18
25.20	0.00	8,440	180.44	0.18
25.30	0.00	8,377	180.42	0.18
25.40	0.00	8,314	180.41	0.17
25.50	0.00	8,251	180.39	0.17
25.60	0.00	8,189	180.38	0.17
25.70	0.00	8,127	180.37	0.17
25.80	0.00	8,065	180.35	0.17
25.90	0.00	8,004	180.34	0.17

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,943	180.32	0.17
26.10	0.00	7,883	180.31	0.17
26.20	0.00	7,823	180.30	0.17
26.30	0.00	7,763	180.28	0.16
26.40	0.00	7,704	180.27	0.16
26.50	0.00	7,646	180.25	0.16
26.60	0.00	7,587	180.24	0.16
26.70	0.00	7,530	180.23	0.16
26.80	0.00	7,472	180.21	0.16
26.90	0.00	7,415	180.20	0.16
27.00	0.00	7,358	180.19	0.16
27.10	0.00	7,302	180.17	0.16
27.20	0.00	7,246	180.16	0.15
27.30	0.00	7,191	180.15	0.15
27.40	0.00	7,136	180.13	0.15
27.50	0.00	7,081	180.12	0.15
27.60	0.00	7,027	180.11	0.15
27.70	0.00	6,974	180.09	0.15
27.80	0.00	6,920	180.08	0.15
27.90	0.00	6,867	180.07	0.15
28.00	0.00	6,815	180.06	0.15
28.10	0.00	6,763	180.04	0.14
28.20	0.00	6,711	180.03	0.14
28.30	0.00	6,660	180.02	0.14
28.40	0.00	6,609	180.01	0.14
28.50	0.00	6,559	179.99	0.14
28.60	0.00	6,509	179.98	0.14
28.70	0.00	6,460	179.97	0.14
28.80	0.00	6,411	179.96	0.14
28.90	0.00	6,362	179.94	0.13
29.00	0.00	6,314	179.93	0.13
29.10	0.00	6,266	179.92	0.13
29.20	0.00	6,219	179.91	0.13
29.30	0.00	6,172	179.90	0.13
29.40	0.00	6,126	179.88	0.13
29.50	0.00	6,080	179.87	0.13
29.60	0.00	6,034	179.86	0.13
29.70	0.00	5,989	179.85	0.12
29.80	0.00	5,945	179.84	0.12
29.90	0.00	5,901	179.83	0.12
30.00	0.00	5,857	179.82	0.12
30.10	0.00	5,814	179.81	0.12
30.20	0.00	5,771	179.79	0.12
30.30	0.00	5,728	179.78	0.12
30.40	0.00	5,686	179.77	0.12
30.50	0.00	5,645	179.76	0.11
30.60	0.00	5,604	179.75	0.11
30.70	0.00	5,563	179.74	0.11
30.80	0.00	5,523	179.73	0.11
30.90	0.00	5,483	179.72	0.11
31.00	0.00	5,444	179.71	0.11
31.10	0.00	5,405	179.70	0.11

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,367	179.69	0.11
31.30	0.00	5,329	179.68	0.10
31.40	0.00	5,292	179.67	0.10
31.50	0.00	5,255	179.66	0.10
31.60	0.00	5,218	179.65	0.10
31.70	0.00	5,182	179.64	0.10
31.80	0.00	5,147	179.63	0.10
31.90	0.00	5,112	179.62	0.10
32.00	0.00	5,077	179.61	0.10
32.10	0.00	5,043	179.60	0.09
32.20	0.00	5,009	179.60	0.09
32.30	0.00	4,976	179.59	0.09
32.40	0.00	4,943	179.58	0.09
32.50	0.00	4,911	179.57	0.09
32.60	0.00	4,879	179.56	0.09
32.70	0.00	4,847	179.55	0.09
32.80	0.00	4,817	179.54	0.09
32.90	0.00	4,786	179.54	0.08
33.00	0.00	4,756	179.53	0.08
33.10	0.00	4,727	179.52	0.08
33.20	0.00	4,698	179.51	0.08
33.30	0.00	4,669	179.50	0.08
33.40	0.00	4,641	179.50	0.08
33.50	0.00	4,614	179.49	0.08
33.60	0.00	4,586	179.48	0.07
33.70	0.00	4,560	179.47	0.07
33.80	0.00	4,534	179.47	0.07
33.90	0.00	4,508	179.46	0.07
34.00	0.00	4,483	179.45	0.07
34.10	0.00	4,458	179.45	0.07
34.20	0.00	4,434	179.44	0.07
34.30	0.00	4,410	179.43	0.07
34.40	0.00	4,387	179.43	0.06
34.50	0.00	4,364	179.42	0.06
34.60	0.00	4,342	179.41	0.06
34.70	0.00	4,320	179.41	0.06
34.80	0.00	4,299	179.40	0.06
34.90	0.00	4,278	179.40	0.06
35.00	0.00	4,257	179.39	0.06
35.10	0.00	4,238	179.38	0.05
35.20	0.00	4,218	179.38	0.05
35.30	0.00	4,199	179.37	0.05
35.40	0.00	4,181	179.37	0.05
35.50	0.00	4,163	179.36	0.05
35.60	0.00	4,145	179.36	0.05
35.70	0.00	4,128	179.35	0.05
35.80	0.00	4,112	179.35	0.04
35.90	0.00	4,096	179.35	0.04
36.00	0.00	4,081	179.34	0.04
36.10	0.00	4,066	179.34	0.04
36.20	0.00	4,051	179.33	0.04
36.30	0.00	4,038	179.33	0.04

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,024	179.33	0.04
36.50	0.00	4,011	179.32	0.04
36.60	0.00	3,999	179.32	0.03
36.70	0.00	3,987	179.31	0.03
36.80	0.00	3,975	179.31	0.03
36.90	0.00	3,964	179.31	0.03
37.00	0.00	3,954	179.30	0.03
37.10	0.00	3,943	179.30	0.03
37.20	0.00	3,933	179.30	0.03
37.30	0.00	3,923	179.30	0.03
37.40	0.00	3,914	179.29	0.03
37.50	0.00	3,905	179.29	0.02
37.60	0.00	3,896	179.29	0.02
37.70	0.00	3,888	179.29	0.02
37.80	0.00	3,880	179.28	0.02
37.90	0.00	3,872	179.28	0.02
38.00	0.00	3,865	179.28	0.02
38.10	0.00	3,857	179.28	0.02
38.20	0.00	3,850	179.28	0.02
38.30	0.00	3,843	179.27	0.02
38.40	0.00	3,837	179.27	0.02
38.50	0.00	3,830	179.27	0.02
38.60	0.00	3,824	179.27	0.02
38.70	0.00	3,818	179.27	0.02
38.80	0.00	3,812	179.26	0.02
38.90	0.00	3,806	179.26	0.02
39.00	0.00	3,801	179.26	0.02
39.10	0.00	3,795	179.26	0.01
39.20	0.00	3,790	179.26	0.01
39.30	0.00	3,785	179.26	0.01
39.40	0.00	3,780	179.26	0.01
39.50	0.00	3,775	179.25	0.01
39.60	0.00	3,771	179.25	0.01
39.70	0.00	3,766	179.25	0.01
39.80	0.00	3,762	179.25	0.01
39.90	0.00	3,757	179.25	0.01
40.00	0.00	3,753	179.25	0.01

Stage-Discharge for Pond B-16A: Basin #16A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.00	179.56	0.09
178.01	0.00	178.53	0.00	179.05	0.00	179.57	0.09
178.02	0.00	178.54	0.00	179.06	0.00	179.58	0.09
178.03	0.00	178.55	0.00	179.07	0.00	179.59	0.09
178.04	0.00	178.56	0.00	179.08	0.00	179.60	0.09
178.05	0.00	178.57	0.00	179.09	0.00	179.61	0.10
178.06	0.00	178.58	0.00	179.10	0.00	179.62	0.10
178.07	0.00	178.59	0.00	179.11	0.00	179.63	0.10
178.08	0.00	178.60	0.00	179.12	0.00	179.64	0.10
178.09	0.00	178.61	0.00	179.13	0.00	179.65	0.10
178.10	0.00	178.62	0.00	179.14	0.00	179.66	0.10
178.11	0.00	178.63	0.00	179.15	0.00	179.67	0.10
178.12	0.00	178.64	0.00	179.16	0.00	179.68	0.10
178.13	0.00	178.65	0.00	179.17	0.00	179.69	0.11
178.14	0.00	178.66	0.00	179.18	0.00	179.70	0.11
178.15	0.00	178.67	0.00	179.19	0.00	179.71	0.11
178.16	0.00	178.68	0.00	179.20	0.00	179.72	0.11
178.17	0.00	178.69	0.00	179.21	0.00	179.73	0.11
178.18	0.00	178.70	0.00	179.22	0.00	179.74	0.11
178.19	0.00	178.71	0.00	179.23	0.01	179.75	0.11
178.20	0.00	178.72	0.00	179.24	0.01	179.76	0.11
178.21	0.00	178.73	0.00	179.25	0.01	179.77	0.12
178.22	0.00	178.74	0.00	179.26	0.01	179.78	0.12
178.23	0.00	178.75	0.00	179.27	0.02	179.79	0.12
178.24	0.00	178.76	0.00	179.28	0.02	179.80	0.12
178.25	0.00	178.77	0.00	179.29	0.02	179.81	0.12
178.26	0.00	178.78	0.00	179.30	0.03	179.82	0.12
178.27	0.00	178.79	0.00	179.31	0.03	179.83	0.12
178.28	0.00	178.80	0.00	179.32	0.03	179.84	0.12
178.29	0.00	178.81	0.00	179.33	0.04	179.85	0.12
178.30	0.00	178.82	0.00	179.34	0.04	179.86	0.13
178.31	0.00	178.83	0.00	179.35	0.05	179.87	0.13
178.32	0.00	178.84	0.00	179.36	0.05	179.88	0.13
178.33	0.00	178.85	0.00	179.37	0.05	179.89	0.13
178.34	0.00	178.86	0.00	179.38	0.05	179.90	0.13
178.35	0.00	178.87	0.00	179.39	0.06	179.91	0.13
178.36	0.00	178.88	0.00	179.40	0.06	179.92	0.13
178.37	0.00	178.89	0.00	179.41	0.06	179.93	0.13
178.38	0.00	178.90	0.00	179.42	0.06	179.94	0.13
178.39	0.00	178.91	0.00	179.43	0.06	179.95	0.13
178.40	0.00	178.92	0.00	179.44	0.07	179.96	0.14
178.41	0.00	178.93	0.00	179.45	0.07	179.97	0.14
178.42	0.00	178.94	0.00	179.46	0.07	179.98	0.14
178.43	0.00	178.95	0.00	179.47	0.07	179.99	0.14
178.44	0.00	178.96	0.00	179.48	0.07	180.00	0.14
178.45	0.00	178.97	0.00	179.49	0.08	180.01	0.14
178.46	0.00	178.98	0.00	179.50	0.08	180.02	0.14
178.47	0.00	178.99	0.00	179.51	0.08	180.03	0.14
178.48	0.00	179.00	0.00	179.52	0.08	180.04	0.14
178.49	0.00	179.01	0.00	179.53	0.08	180.05	0.14
178.50	0.00	179.02	0.00	179.54	0.08	180.06	0.15
178.51	0.00	179.03	0.00	179.55	0.09	180.07	0.15

Stage-Discharge for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.15	180.60	0.19	181.12	4.73	181.64	13.04
180.09	0.15	180.61	0.19	181.13	4.87	181.65	13.22
180.10	0.15	180.62	0.19	181.14	5.00	181.66	13.40
180.11	0.15	180.63	0.20	181.15	5.14	181.67	13.59
180.12	0.15	180.64	0.23	181.16	5.28	181.68	13.77
180.13	0.15	180.65	0.26	181.17	5.41	181.69	13.96
180.14	0.15	180.66	0.30	181.18	5.55	181.70	14.14
180.15	0.15	180.67	0.34	181.19	5.70	181.71	14.33
180.16	0.15	180.68	0.39	181.20	5.84	181.72	14.52
180.17	0.16	180.69	0.44	181.21	5.98	181.73	14.70
180.18	0.16	180.70	0.49	181.22	6.13	181.74	14.89
180.19	0.16	180.71	0.55	181.23	6.27	181.75	15.08
180.20	0.16	180.72	0.61	181.24	6.42	181.76	15.27
180.21	0.16	180.73	0.67	181.25	6.57	181.77	15.46
180.22	0.16	180.74	0.74	181.26	6.71	181.78	15.65
180.23	0.16	180.75	0.81	181.27	6.86	181.79	15.85
180.24	0.16	180.76	0.88	181.28	7.01	181.80	16.04
180.25	0.16	180.77	0.95	181.29	7.17	181.81	16.23
180.26	0.16	180.78	1.03	181.30	7.32	181.82	16.42
180.27	0.16	180.79	1.11	181.31	7.47	181.83	16.62
180.28	0.16	180.80	1.19	181.32	7.63	181.84	16.81
180.29	0.17	180.81	1.28	181.33	7.78	181.85	17.01
180.30	0.17	180.82	1.36	181.34	7.94	181.86	17.21
180.31	0.17	180.83	1.45	181.35	8.10	181.87	17.40
180.32	0.17	180.84	1.54	181.36	8.26	181.88	17.60
180.33	0.17	180.85	1.63	181.37	8.41	181.89	17.80
180.34	0.17	180.86	1.73	181.38	8.58	181.90	18.00
180.35	0.17	180.87	1.82	181.39	8.74	181.91	18.07
180.36	0.17	180.88	1.92	181.40	8.90	181.92	18.09
180.37	0.17	180.89	2.02	181.41	9.06	181.93	18.11
180.38	0.17	180.90	2.12	181.42	9.23	181.94	18.13
180.39	0.17	180.91	2.22	181.43	9.39	181.95	18.15
180.40	0.17	180.92	2.33	181.44	9.56	181.96	18.29
180.41	0.17	180.93	2.43	181.45	9.72	181.97	18.52
180.42	0.18	180.94	2.54	181.46	9.89	181.98	18.82
180.43	0.18	180.95	2.65	181.47	10.06	181.99	19.17
180.44	0.18	180.96	2.76	181.48	10.23	182.00	19.56
180.45	0.18	180.97	2.87	181.49	10.40		
180.46	0.18	180.98	2.99	181.50	10.57		
180.47	0.18	180.99	3.10	181.51	10.74		
180.48	0.18	181.00	3.22	181.52	10.91		
180.49	0.18	181.01	3.34	181.53	11.08		
180.50	0.18	181.02	3.46	181.54	11.26		
180.51	0.18	181.03	3.58	181.55	11.43		
180.52	0.18	181.04	3.70	181.56	11.61		
180.53	0.18	181.05	3.83	181.57	11.78		
180.54	0.18	181.06	3.95	181.58	11.96		
180.55	0.19	181.07	4.08	181.59	12.14		
180.56	0.19	181.08	4.21	181.60	12.32		
180.57	0.19	181.09	4.34	181.61	12.50		
180.58	0.19	181.10	4.47	181.62	12.68		
180.59	0.19	181.11	4.60	181.63	12.86		

Stage-Area-Storage for Pond B-16A: Basin #16A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	2,543	0	178.52	2,930	1,423
178.01	2,550	25	178.53	2,937	1,452
178.02	2,558	51	178.54	2,945	1,482
178.03	2,565	77	178.55	2,952	1,511
178.04	2,573	102	178.56	2,960	1,541
178.05	2,580	128	178.57	2,967	1,570
178.06	2,588	154	178.58	2,975	1,600
178.07	2,595	180	178.59	2,982	1,630
178.08	2,603	206	178.60	2,989	1,660
178.09	2,610	232	178.61	2,997	1,690
178.10	2,617	258	178.62	3,004	1,720
178.11	2,625	284	178.63	3,012	1,750
178.12	2,632	311	178.64	3,019	1,780
178.13	2,640	337	178.65	3,027	1,810
178.14	2,647	363	178.66	3,034	1,840
178.15	2,655	390	178.67	3,041	1,871
178.16	2,662	416	178.68	3,049	1,901
178.17	2,669	443	178.69	3,056	1,932
178.18	2,677	470	178.70	3,064	1,962
178.19	2,684	497	178.71	3,071	1,993
178.20	2,692	523	178.72	3,079	2,024
178.21	2,699	550	178.73	3,086	2,055
178.22	2,707	577	178.74	3,094	2,086
178.23	2,714	605	178.75	3,101	2,117
178.24	2,722	632	178.76	3,108	2,148
178.25	2,729	659	178.77	3,116	2,179
178.26	2,736	686	178.78	3,123	2,210
178.27	2,744	714	178.79	3,131	2,241
178.28	2,751	741	178.80	3,138	2,272
178.29	2,759	769	178.81	3,146	2,304
178.30	2,766	796	178.82	3,153	2,335
178.31	2,774	824	178.83	3,161	2,367
178.32	2,781	852	178.84	3,168	2,399
178.33	2,789	880	178.85	3,175	2,430
178.34	2,796	908	178.86	3,183	2,462
178.35	2,803	936	178.87	3,190	2,494
178.36	2,811	964	178.88	3,198	2,526
178.37	2,818	992	178.89	3,205	2,558
178.38	2,826	1,020	178.90	3,213	2,590
178.39	2,833	1,048	178.91	3,220	2,622
178.40	2,841	1,077	178.92	3,227	2,654
178.41	2,848	1,105	178.93	3,235	2,687
178.42	2,855	1,134	178.94	3,242	2,719
178.43	2,863	1,162	178.95	3,250	2,752
178.44	2,870	1,191	178.96	3,257	2,784
178.45	2,878	1,220	178.97	3,265	2,817
178.46	2,885	1,248	178.98	3,272	2,849
178.47	2,893	1,277	178.99	3,280	2,882
178.48	2,900	1,306	179.00	3,287	2,915
178.49	2,908	1,335	179.01	3,295	2,948
178.50	2,915	1,365	179.02	3,302	2,981
178.51	2,922	1,394	179.03	3,310	3,014

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,318	3,047	179.56	3,719	4,877
179.05	3,326	3,080	179.57	3,727	4,914
179.06	3,333	3,114	179.58	3,735	4,951
179.07	3,341	3,147	179.59	3,742	4,989
179.08	3,349	3,180	179.60	3,750	5,026
179.09	3,356	3,214	179.61	3,758	5,064
179.10	3,364	3,248	179.62	3,766	5,101
179.11	3,372	3,281	179.63	3,773	5,139
179.12	3,380	3,315	179.64	3,781	5,177
179.13	3,387	3,349	179.65	3,789	5,215
179.14	3,395	3,383	179.66	3,797	5,253
179.15	3,403	3,417	179.67	3,804	5,291
179.16	3,411	3,451	179.68	3,812	5,329
179.17	3,418	3,485	179.69	3,820	5,367
179.18	3,426	3,519	179.70	3,827	5,405
179.19	3,434	3,553	179.71	3,835	5,443
179.20	3,441	3,588	179.72	3,843	5,482
179.21	3,449	3,622	179.73	3,851	5,520
179.22	3,457	3,657	179.74	3,858	5,559
179.23	3,465	3,691	179.75	3,866	5,597
179.24	3,472	3,726	179.76	3,874	5,636
179.25	3,480	3,761	179.77	3,881	5,675
179.26	3,488	3,796	179.78	3,889	5,714
179.27	3,495	3,831	179.79	3,897	5,753
179.28	3,503	3,866	179.80	3,905	5,792
179.29	3,511	3,901	179.81	3,912	5,831
179.30	3,519	3,936	179.82	3,920	5,870
179.31	3,526	3,971	179.83	3,928	5,909
179.32	3,534	4,006	179.84	3,935	5,948
179.33	3,542	4,042	179.85	3,943	5,988
179.34	3,549	4,077	179.86	3,951	6,027
179.35	3,557	4,113	179.87	3,959	6,067
179.36	3,565	4,148	179.88	3,966	6,106
179.37	3,573	4,184	179.89	3,974	6,146
179.38	3,580	4,220	179.90	3,982	6,186
179.39	3,588	4,256	179.91	3,990	6,226
179.40	3,596	4,292	179.92	3,997	6,266
179.41	3,604	4,328	179.93	4,005	6,306
179.42	3,611	4,364	179.94	4,013	6,346
179.43	3,619	4,400	179.95	4,020	6,386
179.44	3,627	4,436	179.96	4,028	6,426
179.45	3,634	4,472	179.97	4,036	6,467
179.46	3,642	4,509	179.98	4,044	6,507
179.47	3,650	4,545	179.99	4,051	6,547
179.48	3,658	4,582	180.00	4,059	6,588
179.49	3,665	4,618	180.01	4,067	6,629
179.50	3,673	4,655	180.02	4,075	6,669
179.51	3,681	4,692	180.03	4,083	6,710
179.52	3,688	4,729	180.04	4,091	6,751
179.53	3,696	4,766	180.05	4,099	6,792
179.54	3,704	4,803	180.06	4,107	6,833
179.55	3,712	4,840	180.07	4,115	6,874

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,123	6,915	180.60	4,538	9,167
180.09	4,131	6,957	180.61	4,546	9,213
180.10	4,139	6,998	180.62	4,554	9,258
180.11	4,147	7,039	180.63	4,562	9,304
180.12	4,155	7,081	180.64	4,570	9,349
180.13	4,163	7,122	180.65	4,578	9,395
180.14	4,171	7,164	180.66	4,586	9,441
180.15	4,179	7,206	180.67	4,594	9,487
180.16	4,187	7,248	180.68	4,602	9,533
180.17	4,195	7,290	180.69	4,610	9,579
180.18	4,203	7,332	180.70	4,618	9,625
180.19	4,211	7,374	180.71	4,626	9,671
180.20	4,219	7,416	180.72	4,634	9,718
180.21	4,227	7,458	180.73	4,642	9,764
180.22	4,235	7,500	180.74	4,650	9,810
180.23	4,243	7,543	180.75	4,658	9,857
180.24	4,251	7,585	180.76	4,666	9,904
180.25	4,259	7,628	180.77	4,674	9,950
180.26	4,267	7,670	180.78	4,682	9,997
180.27	4,275	7,713	180.79	4,690	10,044
180.28	4,283	7,756	180.80	4,698	10,091
180.29	4,291	7,799	180.81	4,706	10,138
180.30	4,299	7,842	180.82	4,714	10,185
180.31	4,307	7,885	180.83	4,722	10,232
180.32	4,315	7,928	180.84	4,730	10,279
180.33	4,323	7,971	180.85	4,738	10,327
180.34	4,331	8,014	180.86	4,746	10,374
180.35	4,339	8,058	180.87	4,754	10,422
180.36	4,347	8,101	180.88	4,762	10,469
180.37	4,355	8,145	180.89	4,770	10,517
180.38	4,363	8,188	180.90	4,778	10,565
180.39	4,371	8,232	180.91	4,786	10,613
180.40	4,379	8,276	180.92	4,794	10,660
180.41	4,387	8,319	180.93	4,802	10,708
180.42	4,395	8,363	180.94	4,810	10,756
180.43	4,403	8,407	180.95	4,818	10,805
180.44	4,411	8,451	180.96	4,826	10,853
180.45	4,419	8,495	180.97	4,834	10,901
180.46	4,427	8,540	180.98	4,842	10,949
180.47	4,435	8,584	180.99	4,850	10,998
180.48	4,443	8,628	181.00	4,858	11,047
180.49	4,451	8,673	181.01	4,866	11,095
180.50	4,459	8,717	181.02	4,875	11,144
180.51	4,466	8,762	181.03	4,883	11,193
180.52	4,474	8,807	181.04	4,891	11,241
180.53	4,482	8,851	181.05	4,899	11,290
180.54	4,490	8,896	181.06	4,908	11,339
180.55	4,498	8,941	181.07	4,916	11,389
180.56	4,506	8,986	181.08	4,924	11,438
180.57	4,514	9,031	181.09	4,932	11,487
180.58	4,522	9,077	181.10	4,941	11,536
180.59	4,530	9,122	181.11	4,949	11,586

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	4,957	11,635	181.64	5,387	14,325
181.13	4,966	11,685	181.65	5,396	14,379
181.14	4,974	11,735	181.66	5,404	14,433
181.15	4,982	11,785	181.67	5,412	14,487
181.16	4,990	11,834	181.68	5,420	14,541
181.17	4,999	11,884	181.69	5,429	14,595
181.18	5,007	11,934	181.70	5,437	14,650
181.19	5,015	11,984	181.71	5,445	14,704
181.20	5,023	12,035	181.72	5,453	14,759
181.21	5,032	12,085	181.73	5,462	14,813
181.22	5,040	12,135	181.74	5,470	14,868
181.23	5,048	12,186	181.75	5,478	14,923
181.24	5,056	12,236	181.76	5,487	14,977
181.25	5,065	12,287	181.77	5,495	15,032
181.26	5,073	12,338	181.78	5,503	15,087
181.27	5,081	12,388	181.79	5,511	15,142
181.28	5,090	12,439	181.80	5,520	15,198
181.29	5,098	12,490	181.81	5,528	15,253
181.30	5,106	12,541	181.82	5,536	15,308
181.31	5,114	12,592	181.83	5,544	15,364
181.32	5,123	12,643	181.84	5,553	15,419
181.33	5,131	12,695	181.85	5,561	15,475
181.34	5,139	12,746	181.86	5,569	15,530
181.35	5,147	12,797	181.87	5,577	15,586
181.36	5,156	12,849	181.88	5,586	15,642
181.37	5,164	12,901	181.89	5,594	15,698
181.38	5,172	12,952	181.90	5,602	15,754
181.39	5,181	13,004	181.91	5,611	15,810
181.40	5,189	13,056	181.92	5,619	15,866
181.41	5,197	13,108	181.93	5,627	15,922
181.42	5,205	13,160	181.94	5,635	15,978
181.43	5,214	13,212	181.95	5,644	16,035
181.44	5,222	13,264	181.96	5,652	16,091
181.45	5,230	13,316	181.97	5,660	16,148
181.46	5,238	13,369	181.98	5,668	16,204
181.47	5,247	13,421	181.99	5,677	16,261
181.48	5,255	13,474	182.00	5,685	16,318
181.49	5,263	13,526			
181.50	5,272	13,579			
181.51	5,280	13,632			
181.52	5,288	13,684			
181.53	5,296	13,737			
181.54	5,305	13,790			
181.55	5,313	13,843			
181.56	5,321	13,897			
181.57	5,329	13,950			
181.58	5,338	14,003			
181.59	5,346	14,057			
181.60	5,354	14,110			
181.61	5,362	14,164			
181.62	5,371	14,217			
181.63	5,379	14,271			

Summary for Pond B-16B: Basin #16B

Inflow Area = 1.877 ac, 43.74% Impervious, Inflow Depth = 6.58" for Current 100 yr event
 Inflow = 12.49 cfs @ 12.17 hrs, Volume= 1.029 af
 Outflow = 10.40 cfs @ 12.24 hrs, Volume= 0.945 af, Atten= 17%, Lag= 4.2 min
 Primary = 10.40 cfs @ 12.24 hrs, Volume= 0.945 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.20' @ 12.24 hrs Surf.Area= 5,295 sf Storage= 13,427 cf

Plug-Flow detention time= 232.0 min calculated for 0.945 af (92% of inflow)
 Center-of-Mass det. time= 187.6 min (967.0 - 779.4)

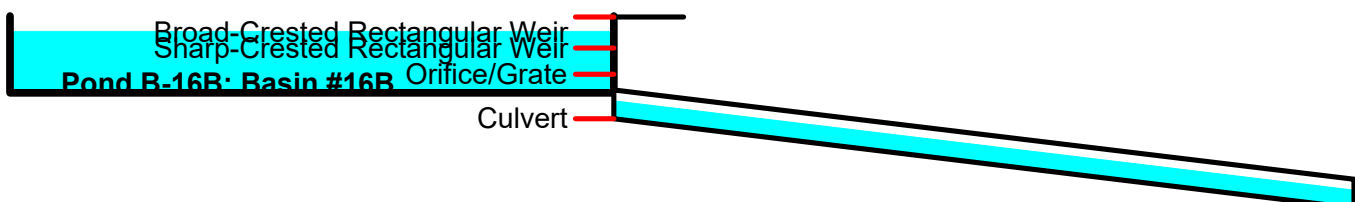
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	17,892 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	3,145	0	0
179.00	3,781	3,463	3,463
180.00	4,451	4,116	7,579
181.00	5,149	4,800	12,379
182.00	5,877	5,513	17,892

Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	178.97'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

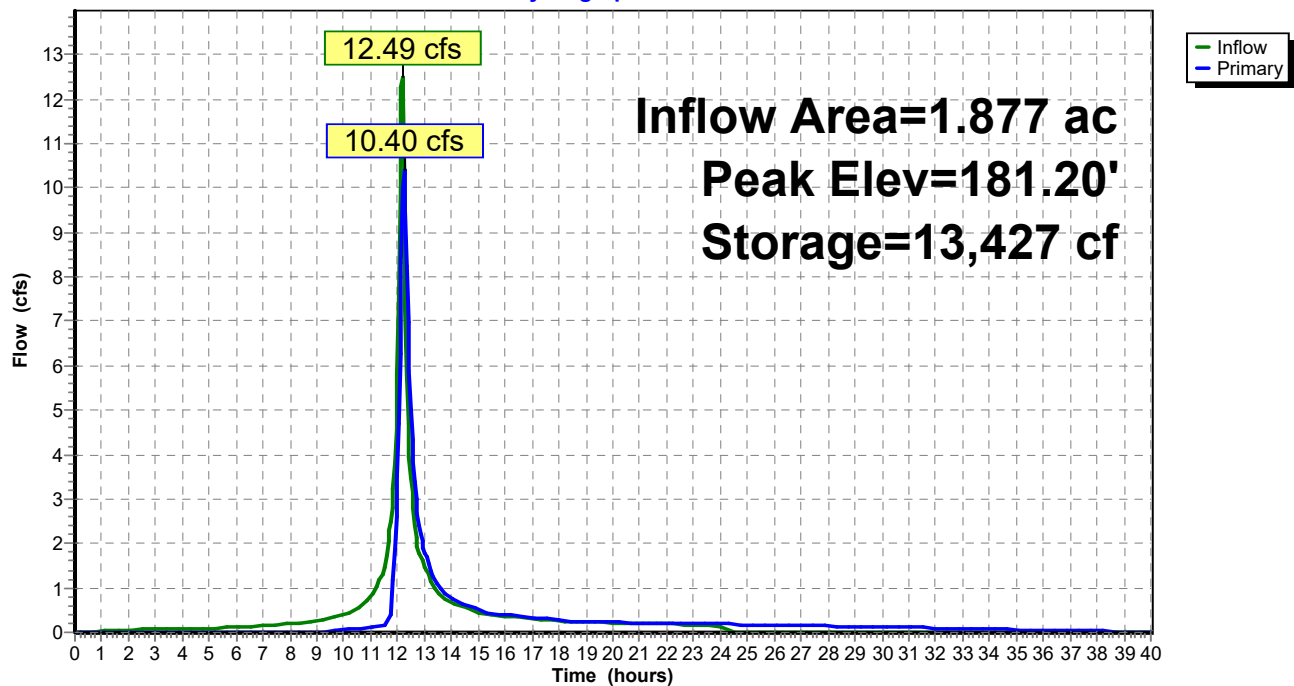
Primary OutFlow Max=10.31 cfs @ 12.24 hrs HW=181.20' (Free Discharge)

- 1=Culvert (Passes 10.31 cfs of 16.58 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.01 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 10.07 cfs @ 3.04 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16B: Basin #16B

Hydrograph



Hydrograph for Pond B-16B: Basin #16B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.01	2	178.00	0.00
0.80	0.01	5	178.00	0.00
0.90	0.02	10	178.00	0.00
1.00	0.02	17	178.01	0.00
1.10	0.03	26	178.01	0.00
1.20	0.03	36	178.01	0.00
1.30	0.03	48	178.02	0.00
1.40	0.04	60	178.02	0.00
1.50	0.04	74	178.02	0.00
1.60	0.04	89	178.03	0.00
1.70	0.05	105	178.03	0.00
1.80	0.05	122	178.04	0.00
1.90	0.05	140	178.04	0.00
2.00	0.05	159	178.05	0.00
2.10	0.06	179	178.06	0.00
2.20	0.06	199	178.06	0.00
2.30	0.06	220	178.07	0.00
2.40	0.06	242	178.08	0.00
2.50	0.06	265	178.08	0.00
2.60	0.07	288	178.09	0.00
2.70	0.07	311	178.10	0.00
2.80	0.07	336	178.11	0.00
2.90	0.07	361	178.11	0.00
3.00	0.07	386	178.12	0.00
3.10	0.07	413	178.13	0.00
3.20	0.07	439	178.14	0.00
3.30	0.08	466	178.15	0.00
3.40	0.08	494	178.15	0.00
3.50	0.08	522	178.16	0.00
3.60	0.08	550	178.17	0.00
3.70	0.08	579	178.18	0.00
3.80	0.08	609	178.19	0.00
3.90	0.08	639	178.20	0.00
4.00	0.08	669	178.21	0.00
4.10	0.09	700	178.22	0.00
4.20	0.09	731	178.23	0.00
4.30	0.09	762	178.24	0.00
4.40	0.09	794	178.25	0.00
4.50	0.09	827	178.26	0.00
4.60	0.09	859	178.27	0.00
4.70	0.09	892	178.28	0.00
4.80	0.09	926	178.29	0.00
4.90	0.09	960	178.30	0.00
5.00	0.10	994	178.31	0.00
5.10	0.10	1,028	178.32	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,063	178.33	0.00
5.30	0.10	1,098	178.34	0.00
5.40	0.10	1,134	178.35	0.00
5.50	0.10	1,170	178.36	0.00
5.60	0.10	1,206	178.37	0.00
5.70	0.10	1,243	178.38	0.00
5.80	0.10	1,279	178.39	0.00
5.90	0.10	1,317	178.40	0.00
6.00	0.10	1,354	178.41	0.00
6.10	0.11	1,392	178.42	0.00
6.20	0.11	1,431	178.44	0.00
6.30	0.11	1,470	178.45	0.00
6.40	0.11	1,511	178.46	0.00
6.50	0.12	1,553	178.47	0.00
6.60	0.12	1,596	178.48	0.00
6.70	0.13	1,641	178.50	0.00
6.80	0.13	1,688	178.51	0.00
6.90	0.14	1,736	178.52	0.00
7.00	0.14	1,785	178.54	0.00
7.10	0.15	1,837	178.55	0.00
7.20	0.15	1,890	178.57	0.00
7.30	0.15	1,944	178.58	0.00
7.40	0.16	2,001	178.60	0.00
7.50	0.16	2,059	178.62	0.00
7.60	0.17	2,119	178.63	0.00
7.70	0.17	2,181	178.65	0.00
7.80	0.18	2,245	178.67	0.00
7.90	0.18	2,310	178.69	0.00
8.00	0.19	2,377	178.71	0.00
8.10	0.20	2,447	178.72	0.00
8.20	0.20	2,518	178.74	0.00
8.30	0.21	2,591	178.76	0.00
8.40	0.21	2,666	178.79	0.00
8.50	0.22	2,744	178.81	0.00
8.60	0.22	2,823	178.83	0.00
8.70	0.23	2,904	178.85	0.00
8.80	0.23	2,987	178.87	0.00
8.90	0.24	3,073	178.90	0.00
9.00	0.25	3,160	178.92	0.00
9.10	0.25	3,250	178.94	0.00
9.20	0.27	3,344	178.97	0.00
9.30	0.28	3,443	178.99	0.00
9.40	0.30	3,547	179.02	0.01
9.50	0.32	3,655	179.05	0.01
9.60	0.34	3,767	179.08	0.02
9.70	0.35	3,882	179.11	0.03
9.80	0.37	3,999	179.14	0.04
9.90	0.39	4,119	179.17	0.05
10.00	0.41	4,243	179.20	0.06
10.10	0.43	4,371	179.24	0.07
10.20	0.45	4,504	179.27	0.07
10.30	0.47	4,641	179.30	0.08

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.49	4,784	179.34	0.08
10.50	0.51	4,931	179.38	0.09
10.60	0.54	5,086	179.41	0.10
10.70	0.60	5,255	179.46	0.10
10.80	0.66	5,443	179.50	0.11
10.90	0.73	5,655	179.55	0.11
11.00	0.80	5,889	179.61	0.12
11.10	0.89	6,148	179.67	0.13
11.20	1.01	6,443	179.74	0.13
11.30	1.14	6,781	179.82	0.14
11.40	1.28	7,166	179.91	0.15
11.50	1.42	7,598	180.00	0.16
11.60	1.73	8,095	180.11	0.17
11.70	2.29	8,761	180.26	0.18
11.80	2.79	9,556	180.43	0.61
11.90	3.79	10,293	180.58	1.85
12.00	5.80	11,030	180.73	3.50
12.10	9.92	12,076	180.94	6.28
12.20	12.06	13,302	181.18	10.00
12.30	7.31	13,154	181.15	9.53
12.40	4.71	12,310	180.99	6.96
12.50	3.46	11,620	180.85	5.01
12.60	2.80	11,171	180.76	3.84
12.70	2.12	10,821	180.69	3.00
12.80	1.82	10,560	180.64	2.41
12.90	1.64	10,387	180.60	2.04
13.00	1.48	10,262	180.58	1.79
13.10	1.33	10,161	180.56	1.59
13.20	1.19	10,070	180.54	1.42
13.30	1.09	9,994	180.52	1.28
13.40	1.00	9,929	180.51	1.17
13.50	0.92	9,870	180.50	1.07
13.60	0.83	9,815	180.48	0.98
13.70	0.76	9,764	180.47	0.90
13.80	0.73	9,720	180.46	0.84
13.90	0.70	9,686	180.46	0.79
14.00	0.68	9,659	180.45	0.75
14.10	0.66	9,638	180.45	0.71
14.20	0.64	9,619	180.44	0.69
14.30	0.62	9,602	180.44	0.66
14.40	0.59	9,585	180.44	0.64
14.50	0.57	9,568	180.43	0.62
14.60	0.55	9,550	180.43	0.60
14.70	0.53	9,533	180.42	0.58
14.80	0.51	9,515	180.42	0.55
14.90	0.48	9,498	180.42	0.53
15.00	0.46	9,480	180.41	0.51
15.10	0.44	9,462	180.41	0.49
15.20	0.42	9,445	180.41	0.47
15.30	0.41	9,430	180.40	0.45
15.40	0.41	9,418	180.40	0.43
15.50	0.40	9,409	180.40	0.42

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.39	9,400	180.40	0.42
15.70	0.39	9,393	180.40	0.41
15.80	0.38	9,385	180.39	0.40
15.90	0.38	9,378	180.39	0.40
16.00	0.37	9,371	180.39	0.39
16.10	0.36	9,365	180.39	0.38
16.20	0.36	9,358	180.39	0.38
16.30	0.35	9,352	180.39	0.37
16.40	0.35	9,345	180.39	0.37
16.50	0.34	9,339	180.38	0.36
16.60	0.34	9,333	180.38	0.35
16.70	0.33	9,326	180.38	0.35
16.80	0.32	9,320	180.38	0.34
16.90	0.32	9,314	180.38	0.34
17.00	0.31	9,307	180.38	0.33
17.10	0.31	9,301	180.38	0.32
17.20	0.30	9,295	180.37	0.32
17.30	0.29	9,289	180.37	0.31
17.40	0.29	9,282	180.37	0.31
17.50	0.28	9,276	180.37	0.30
17.60	0.28	9,270	180.37	0.29
17.70	0.27	9,263	180.37	0.29
17.80	0.27	9,257	180.37	0.28
17.90	0.26	9,251	180.37	0.28
18.00	0.25	9,245	180.36	0.27
18.10	0.25	9,238	180.36	0.26
18.20	0.24	9,232	180.36	0.26
18.30	0.24	9,227	180.36	0.25
18.40	0.24	9,222	180.36	0.25
18.50	0.24	9,217	180.36	0.25
18.60	0.24	9,213	180.36	0.25
18.70	0.23	9,209	180.36	0.25
18.80	0.23	9,205	180.36	0.24
18.90	0.23	9,201	180.35	0.24
19.00	0.23	9,197	180.35	0.24
19.10	0.23	9,194	180.35	0.24
19.20	0.23	9,190	180.35	0.24
19.30	0.23	9,187	180.35	0.23
19.40	0.22	9,184	180.35	0.23
19.50	0.22	9,181	180.35	0.23
19.60	0.22	9,177	180.35	0.23
19.70	0.22	9,174	180.35	0.23
19.80	0.22	9,171	180.35	0.23
19.90	0.22	9,168	180.35	0.23
20.00	0.22	9,165	180.35	0.22
20.10	0.21	9,162	180.35	0.22
20.20	0.21	9,159	180.35	0.22
20.30	0.21	9,156	180.35	0.22
20.40	0.21	9,153	180.34	0.22
20.50	0.21	9,150	180.34	0.22
20.60	0.21	9,147	180.34	0.21
20.70	0.21	9,144	180.34	0.21

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	9,141	180.34	0.21
20.90	0.20	9,138	180.34	0.21
21.00	0.20	9,135	180.34	0.21
21.10	0.20	9,132	180.34	0.21
21.20	0.20	9,129	180.34	0.21
21.30	0.20	9,126	180.34	0.20
21.40	0.20	9,124	180.34	0.20
21.50	0.19	9,121	180.34	0.20
21.60	0.19	9,118	180.34	0.20
21.70	0.19	9,115	180.34	0.20
21.80	0.19	9,112	180.34	0.20
21.90	0.19	9,109	180.33	0.20
22.00	0.19	9,106	180.33	0.19
22.10	0.18	9,103	180.33	0.19
22.20	0.18	9,100	180.33	0.19
22.30	0.18	9,097	180.33	0.19
22.40	0.18	9,094	180.33	0.19
22.50	0.18	9,091	180.33	0.19
22.60	0.18	9,088	180.33	0.18
22.70	0.18	9,085	180.33	0.18
22.80	0.17	9,082	180.33	0.18
22.90	0.17	9,078	180.33	0.18
23.00	0.17	9,073	180.33	0.18
23.10	0.17	9,068	180.33	0.18
23.20	0.17	9,063	180.33	0.18
23.30	0.17	9,057	180.32	0.18
23.40	0.16	9,051	180.32	0.18
23.50	0.16	9,044	180.32	0.18
23.60	0.16	9,036	180.32	0.18
23.70	0.16	9,028	180.32	0.18
23.80	0.16	9,020	180.32	0.18
23.90	0.16	9,011	180.31	0.18
24.00	0.16	9,003	180.31	0.18
24.10	0.14	8,995	180.31	0.18
24.20	0.04	8,961	180.30	0.18
24.30	0.01	8,903	180.29	0.18
24.40	0.00	8,840	180.28	0.18
24.50	0.00	8,776	180.26	0.18
24.60	0.00	8,712	180.25	0.18
24.70	0.00	8,648	180.24	0.18
24.80	0.00	8,584	180.22	0.18
24.90	0.00	8,521	180.21	0.17
25.00	0.00	8,458	180.19	0.17
25.10	0.00	8,396	180.18	0.17
25.20	0.00	8,334	180.17	0.17
25.30	0.00	8,272	180.15	0.17
25.40	0.00	8,211	180.14	0.17
25.50	0.00	8,150	180.13	0.17
25.60	0.00	8,090	180.11	0.17
25.70	0.00	8,030	180.10	0.17
25.80	0.00	7,970	180.09	0.17
25.90	0.00	7,911	180.07	0.16

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,852	180.06	0.16
26.10	0.00	7,794	180.05	0.16
26.20	0.00	7,735	180.04	0.16
26.30	0.00	7,678	180.02	0.16
26.40	0.00	7,620	180.01	0.16
26.50	0.00	7,563	180.00	0.16
26.60	0.00	7,507	179.98	0.16
26.70	0.00	7,451	179.97	0.16
26.80	0.00	7,395	179.96	0.15
26.90	0.00	7,340	179.95	0.15
27.00	0.00	7,285	179.93	0.15
27.10	0.00	7,230	179.92	0.15
27.20	0.00	7,176	179.91	0.15
27.30	0.00	7,122	179.90	0.15
27.40	0.00	7,069	179.88	0.15
27.50	0.00	7,016	179.87	0.15
27.60	0.00	6,963	179.86	0.15
27.70	0.00	6,911	179.85	0.14
27.80	0.00	6,859	179.84	0.14
27.90	0.00	6,808	179.82	0.14
28.00	0.00	6,757	179.81	0.14
28.10	0.00	6,706	179.80	0.14
28.20	0.00	6,656	179.79	0.14
28.30	0.00	6,606	179.78	0.14
28.40	0.00	6,557	179.77	0.14
28.50	0.00	6,508	179.75	0.14
28.60	0.00	6,460	179.74	0.13
28.70	0.00	6,411	179.73	0.13
28.80	0.00	6,364	179.72	0.13
28.90	0.00	6,316	179.71	0.13
29.00	0.00	6,269	179.70	0.13
29.10	0.00	6,223	179.69	0.13
29.20	0.00	6,177	179.68	0.13
29.30	0.00	6,131	179.67	0.13
29.40	0.00	6,086	179.66	0.13
29.50	0.00	6,041	179.64	0.12
29.60	0.00	5,997	179.63	0.12
29.70	0.00	5,953	179.62	0.12
29.80	0.00	5,909	179.61	0.12
29.90	0.00	5,866	179.60	0.12
30.00	0.00	5,823	179.59	0.12
30.10	0.00	5,781	179.58	0.12
30.20	0.00	5,739	179.57	0.12
30.30	0.00	5,697	179.56	0.11
30.40	0.00	5,656	179.55	0.11
30.50	0.00	5,616	179.54	0.11
30.60	0.00	5,575	179.53	0.11
30.70	0.00	5,535	179.52	0.11
30.80	0.00	5,496	179.51	0.11
30.90	0.00	5,457	179.50	0.11
31.00	0.00	5,419	179.50	0.11
31.10	0.00	5,380	179.49	0.11

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,343	179.48	0.10
31.30	0.00	5,305	179.47	0.10
31.40	0.00	5,269	179.46	0.10
31.50	0.00	5,232	179.45	0.10
31.60	0.00	5,196	179.44	0.10
31.70	0.00	5,161	179.43	0.10
31.80	0.00	5,125	179.42	0.10
31.90	0.00	5,091	179.42	0.10
32.00	0.00	5,056	179.41	0.09
32.10	0.00	5,023	179.40	0.09
32.20	0.00	4,989	179.39	0.09
32.30	0.00	4,956	179.38	0.09
32.40	0.00	4,924	179.37	0.09
32.50	0.00	4,891	179.37	0.09
32.60	0.00	4,860	179.36	0.09
32.70	0.00	4,829	179.35	0.09
32.80	0.00	4,798	179.34	0.08
32.90	0.00	4,767	179.34	0.08
33.00	0.00	4,737	179.33	0.08
33.10	0.00	4,708	179.32	0.08
33.20	0.00	4,679	179.31	0.08
33.30	0.00	4,650	179.31	0.08
33.40	0.00	4,622	179.30	0.08
33.50	0.00	4,594	179.29	0.08
33.60	0.00	4,567	179.28	0.08
33.70	0.00	4,540	179.28	0.07
33.80	0.00	4,514	179.27	0.07
33.90	0.00	4,488	179.26	0.07
34.00	0.00	4,462	179.26	0.07
34.10	0.00	4,437	179.25	0.07
34.20	0.00	4,412	179.25	0.07
34.30	0.00	4,388	179.24	0.07
34.40	0.00	4,364	179.23	0.07
34.50	0.00	4,341	179.23	0.06
34.60	0.00	4,318	179.22	0.06
34.70	0.00	4,296	179.22	0.06
34.80	0.00	4,274	179.21	0.06
34.90	0.00	4,252	179.20	0.06
35.00	0.00	4,231	179.20	0.06
35.10	0.00	4,210	179.19	0.06
35.20	0.00	4,190	179.19	0.06
35.30	0.00	4,170	179.18	0.05
35.40	0.00	4,151	179.18	0.05
35.50	0.00	4,132	179.17	0.05
35.60	0.00	4,114	179.17	0.05
35.70	0.00	4,096	179.16	0.05
35.80	0.00	4,078	179.16	0.05
35.90	0.00	4,061	179.16	0.05
36.00	0.00	4,044	179.15	0.05
36.10	0.00	4,028	179.15	0.04
36.20	0.00	4,012	179.14	0.04
36.30	0.00	3,997	179.14	0.04

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,982	179.14	0.04
36.50	0.00	3,968	179.13	0.04
36.60	0.00	3,955	179.13	0.04
36.70	0.00	3,941	179.13	0.04
36.80	0.00	3,928	179.12	0.04
36.90	0.00	3,916	179.12	0.03
37.00	0.00	3,904	179.12	0.03
37.10	0.00	3,892	179.11	0.03
37.20	0.00	3,881	179.11	0.03
37.30	0.00	3,870	179.11	0.03
37.40	0.00	3,859	179.10	0.03
37.50	0.00	3,849	179.10	0.03
37.60	0.00	3,839	179.10	0.03
37.70	0.00	3,829	179.10	0.03
37.80	0.00	3,820	179.09	0.03
37.90	0.00	3,811	179.09	0.02
38.00	0.00	3,802	179.09	0.02
38.10	0.00	3,794	179.09	0.02
38.20	0.00	3,786	179.08	0.02
38.30	0.00	3,778	179.08	0.02
38.40	0.00	3,770	179.08	0.02
38.50	0.00	3,763	179.08	0.02
38.60	0.00	3,756	179.08	0.02
38.70	0.00	3,749	179.08	0.02
38.80	0.00	3,742	179.07	0.02
38.90	0.00	3,735	179.07	0.02
39.00	0.00	3,729	179.07	0.02
39.10	0.00	3,723	179.07	0.02
39.20	0.00	3,716	179.07	0.02
39.30	0.00	3,710	179.07	0.02
39.40	0.00	3,705	179.06	0.02
39.50	0.00	3,699	179.06	0.02
39.60	0.00	3,694	179.06	0.02
39.70	0.00	3,688	179.06	0.01
39.80	0.00	3,683	179.06	0.01
39.90	0.00	3,678	179.06	0.01
40.00	0.00	3,673	179.06	0.01

Stage-Discharge for Pond B-16B: Basin #16B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.01	179.56	0.11
178.01	0.00	178.53	0.00	179.05	0.01	179.57	0.12
178.02	0.00	178.54	0.00	179.06	0.01	179.58	0.12
178.03	0.00	178.55	0.00	179.07	0.02	179.59	0.12
178.04	0.00	178.56	0.00	179.08	0.02	179.60	0.12
178.05	0.00	178.57	0.00	179.09	0.02	179.61	0.12
178.06	0.00	178.58	0.00	179.10	0.03	179.62	0.12
178.07	0.00	178.59	0.00	179.11	0.03	179.63	0.12
178.08	0.00	178.60	0.00	179.12	0.03	179.64	0.12
178.09	0.00	178.61	0.00	179.13	0.04	179.65	0.12
178.10	0.00	178.62	0.00	179.14	0.04	179.66	0.13
178.11	0.00	178.63	0.00	179.15	0.05	179.67	0.13
178.12	0.00	178.64	0.00	179.16	0.05	179.68	0.13
178.13	0.00	178.65	0.00	179.17	0.05	179.69	0.13
178.14	0.00	178.66	0.00	179.18	0.05	179.70	0.13
178.15	0.00	178.67	0.00	179.19	0.06	179.71	0.13
178.16	0.00	178.68	0.00	179.20	0.06	179.72	0.13
178.17	0.00	178.69	0.00	179.21	0.06	179.73	0.13
178.18	0.00	178.70	0.00	179.22	0.06	179.74	0.13
178.19	0.00	178.71	0.00	179.23	0.06	179.75	0.13
178.20	0.00	178.72	0.00	179.24	0.07	179.76	0.14
178.21	0.00	178.73	0.00	179.25	0.07	179.77	0.14
178.22	0.00	178.74	0.00	179.26	0.07	179.78	0.14
178.23	0.00	178.75	0.00	179.27	0.07	179.79	0.14
178.24	0.00	178.76	0.00	179.28	0.07	179.80	0.14
178.25	0.00	178.77	0.00	179.29	0.08	179.81	0.14
178.26	0.00	178.78	0.00	179.30	0.08	179.82	0.14
178.27	0.00	178.79	0.00	179.31	0.08	179.83	0.14
178.28	0.00	178.80	0.00	179.32	0.08	179.84	0.14
178.29	0.00	178.81	0.00	179.33	0.08	179.85	0.14
178.30	0.00	178.82	0.00	179.34	0.08	179.86	0.15
178.31	0.00	178.83	0.00	179.35	0.09	179.87	0.15
178.32	0.00	178.84	0.00	179.36	0.09	179.88	0.15
178.33	0.00	178.85	0.00	179.37	0.09	179.89	0.15
178.34	0.00	178.86	0.00	179.38	0.09	179.90	0.15
178.35	0.00	178.87	0.00	179.39	0.09	179.91	0.15
178.36	0.00	178.88	0.00	179.40	0.09	179.92	0.15
178.37	0.00	178.89	0.00	179.41	0.10	179.93	0.15
178.38	0.00	178.90	0.00	179.42	0.10	179.94	0.15
178.39	0.00	178.91	0.00	179.43	0.10	179.95	0.15
178.40	0.00	178.92	0.00	179.44	0.10	179.96	0.15
178.41	0.00	178.93	0.00	179.45	0.10	179.97	0.16
178.42	0.00	178.94	0.00	179.46	0.10	179.98	0.16
178.43	0.00	178.95	0.00	179.47	0.10	179.99	0.16
178.44	0.00	178.96	0.00	179.48	0.10	180.00	0.16
178.45	0.00	178.97	0.00	179.49	0.11	180.01	0.16
178.46	0.00	178.98	0.00	179.50	0.11	180.02	0.16
178.47	0.00	178.99	0.00	179.51	0.11	180.03	0.16
178.48	0.00	179.00	0.00	179.52	0.11	180.04	0.16
178.49	0.00	179.01	0.00	179.53	0.11	180.05	0.16
178.50	0.00	179.02	0.00	179.54	0.11	180.06	0.16
178.51	0.00	179.03	0.01	179.55	0.11	180.07	0.16

Stage-Discharge for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.16	180.60	2.01	181.12	9.06	181.64	17.52
180.09	0.17	180.61	2.11	181.13	9.22	181.65	17.54
180.10	0.17	180.62	2.22	181.14	9.39	181.66	17.56
180.11	0.17	180.63	2.32	181.15	9.55	181.67	17.58
180.12	0.17	180.64	2.43	181.16	9.72	181.68	17.60
180.13	0.17	180.65	2.54	181.17	9.88	181.69	17.62
180.14	0.17	180.66	2.65	181.18	10.05	181.70	17.64
180.15	0.17	180.67	2.76	181.19	10.22	181.71	17.66
180.16	0.17	180.68	2.87	181.20	10.39	181.72	17.69
180.17	0.17	180.69	2.98	181.21	10.56	181.73	17.71
180.18	0.17	180.70	3.10	181.22	10.73	181.74	17.73
180.19	0.17	180.71	3.22	181.23	10.91	181.75	17.75
180.20	0.17	180.72	3.33	181.24	11.08	181.76	17.77
180.21	0.17	180.73	3.45	181.25	11.25	181.77	17.79
180.22	0.18	180.74	3.58	181.26	11.43	181.78	17.81
180.23	0.18	180.75	3.70	181.27	11.60	181.79	17.83
180.24	0.18	180.76	3.82	181.28	11.78	181.80	17.85
180.25	0.18	180.77	3.95	181.29	11.96	181.81	17.87
180.26	0.18	180.78	4.07	181.30	12.13	181.82	17.89
180.27	0.18	180.79	4.20	181.31	12.31	181.83	17.91
180.28	0.18	180.80	4.33	181.32	12.49	181.84	17.93
180.29	0.18	180.81	4.46	181.33	12.67	181.85	17.95
180.30	0.18	180.82	4.59	181.34	12.85	181.86	17.97
180.31	0.18	180.83	4.73	181.35	13.03	181.87	17.99
180.32	0.18	180.84	4.86	181.36	13.22	181.88	18.01
180.33	0.18	180.85	5.00	181.37	13.40	181.89	18.03
180.34	0.20	180.86	5.13	181.38	13.58	181.90	18.05
180.35	0.22	180.87	5.27	181.39	13.77	181.91	18.07
180.36	0.25	180.88	5.41	181.40	13.95	181.92	18.09
180.37	0.29	180.89	5.55	181.41	14.14	181.93	18.11
180.38	0.33	180.90	5.69	181.42	14.33	181.94	18.13
180.39	0.38	180.91	5.83	181.43	14.51	181.95	18.15
180.40	0.43	180.92	5.98	181.44	14.70	181.96	18.29
180.41	0.48	180.93	6.12	181.45	14.89	181.97	18.52
180.42	0.54	180.94	6.27	181.46	15.08	181.98	18.82
180.43	0.60	180.95	6.41	181.47	15.27	181.99	19.17
180.44	0.67	180.96	6.56	181.48	15.46	182.00	19.56
180.45	0.73	180.97	6.71	181.49	15.65		
180.46	0.80	180.98	6.86	181.50	15.84		
180.47	0.87	180.99	7.01	181.51	16.03		
180.48	0.95	181.00	7.16	181.52	16.23		
180.49	1.03	181.01	7.31	181.53	16.42		
180.50	1.11	181.02	7.47	181.54	16.61		
180.51	1.19	181.03	7.62	181.55	16.81		
180.52	1.27	181.04	7.78	181.56	17.00		
180.53	1.36	181.05	7.93	181.57	17.20		
180.54	1.44	181.06	8.09	181.58	17.40		
180.55	1.53	181.07	8.25	181.59	17.42		
180.56	1.63	181.08	8.41	181.60	17.44		
180.57	1.72	181.09	8.57	181.61	17.46		
180.58	1.82	181.10	8.73	181.62	17.48		
180.59	1.91	181.11	8.89	181.63	17.50		

Stage-Area-Storage for Pond B-16B: Basin #16B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	3,145	0	178.52	3,476	1,721
178.01	3,151	31	178.53	3,482	1,756
178.02	3,158	63	178.54	3,488	1,791
178.03	3,164	95	178.55	3,495	1,826
178.04	3,170	126	178.56	3,501	1,861
178.05	3,177	158	178.57	3,508	1,896
178.06	3,183	190	178.58	3,514	1,931
178.07	3,190	222	178.59	3,520	1,966
178.08	3,196	254	178.60	3,527	2,001
178.09	3,202	286	178.61	3,533	2,037
178.10	3,209	318	178.62	3,539	2,072
178.11	3,215	350	178.63	3,546	2,108
178.12	3,221	382	178.64	3,552	2,143
178.13	3,228	414	178.65	3,558	2,179
178.14	3,234	447	178.66	3,565	2,214
178.15	3,240	479	178.67	3,571	2,250
178.16	3,247	511	178.68	3,577	2,286
178.17	3,253	544	178.69	3,584	2,321
178.18	3,259	576	178.70	3,590	2,357
178.19	3,266	609	178.71	3,597	2,393
178.20	3,272	642	178.72	3,603	2,429
178.21	3,279	674	178.73	3,609	2,465
178.22	3,285	707	178.74	3,616	2,501
178.23	3,291	740	178.75	3,622	2,538
178.24	3,298	773	178.76	3,628	2,574
178.25	3,304	806	178.77	3,635	2,610
178.26	3,310	839	178.78	3,641	2,647
178.27	3,317	872	178.79	3,647	2,683
178.28	3,323	906	178.80	3,654	2,720
178.29	3,329	939	178.81	3,660	2,756
178.30	3,336	972	178.82	3,667	2,793
178.31	3,342	1,006	178.83	3,673	2,829
178.32	3,349	1,039	178.84	3,679	2,866
178.33	3,355	1,072	178.85	3,686	2,903
178.34	3,361	1,106	178.86	3,692	2,940
178.35	3,368	1,140	178.87	3,698	2,977
178.36	3,374	1,173	178.88	3,705	3,014
178.37	3,380	1,207	178.89	3,711	3,051
178.38	3,387	1,241	178.90	3,717	3,088
178.39	3,393	1,275	178.91	3,724	3,125
178.40	3,399	1,309	178.92	3,730	3,163
178.41	3,406	1,343	178.93	3,736	3,200
178.42	3,412	1,377	178.94	3,743	3,237
178.43	3,418	1,411	178.95	3,749	3,275
178.44	3,425	1,445	178.96	3,756	3,312
178.45	3,431	1,480	178.97	3,762	3,350
178.46	3,438	1,514	178.98	3,768	3,388
178.47	3,444	1,548	178.99	3,775	3,425
178.48	3,450	1,583	179.00	3,781	3,463
178.49	3,457	1,617	179.01	3,788	3,501
178.50	3,463	1,652	179.02	3,794	3,539
178.51	3,469	1,687	179.03	3,801	3,577

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,808	3,615	179.56	4,156	5,685
179.05	3,815	3,653	179.57	4,163	5,727
179.06	3,821	3,691	179.58	4,170	5,769
179.07	3,828	3,729	179.59	4,176	5,810
179.08	3,835	3,768	179.60	4,183	5,852
179.09	3,841	3,806	179.61	4,190	5,894
179.10	3,848	3,844	179.62	4,196	5,936
179.11	3,855	3,883	179.63	4,203	5,978
179.12	3,861	3,922	179.64	4,210	6,020
179.13	3,868	3,960	179.65	4,217	6,062
179.14	3,875	3,999	179.66	4,223	6,104
179.15	3,882	4,038	179.67	4,230	6,147
179.16	3,888	4,077	179.68	4,237	6,189
179.17	3,895	4,115	179.69	4,243	6,231
179.18	3,902	4,154	179.70	4,250	6,274
179.19	3,908	4,193	179.71	4,257	6,316
179.20	3,915	4,233	179.72	4,263	6,359
179.21	3,922	4,272	179.73	4,270	6,402
179.22	3,928	4,311	179.74	4,277	6,444
179.23	3,935	4,350	179.75	4,284	6,487
179.24	3,942	4,390	179.76	4,290	6,530
179.25	3,949	4,429	179.77	4,297	6,573
179.26	3,955	4,469	179.78	4,304	6,616
179.27	3,962	4,508	179.79	4,310	6,659
179.28	3,969	4,548	179.80	4,317	6,702
179.29	3,975	4,588	179.81	4,324	6,745
179.30	3,982	4,627	179.82	4,330	6,789
179.31	3,989	4,667	179.83	4,337	6,832
179.32	3,995	4,707	179.84	4,344	6,875
179.33	4,002	4,747	179.85	4,350	6,919
179.34	4,009	4,787	179.86	4,357	6,962
179.35	4,015	4,827	179.87	4,364	7,006
179.36	4,022	4,868	179.88	4,371	7,050
179.37	4,029	4,908	179.89	4,377	7,093
179.38	4,036	4,948	179.90	4,384	7,137
179.39	4,042	4,989	179.91	4,391	7,181
179.40	4,049	5,029	179.92	4,397	7,225
179.41	4,056	5,070	179.93	4,404	7,269
179.42	4,062	5,110	179.94	4,411	7,313
179.43	4,069	5,151	179.95	4,417	7,357
179.44	4,076	5,191	179.96	4,424	7,401
179.45	4,082	5,232	179.97	4,431	7,446
179.46	4,089	5,273	179.98	4,438	7,490
179.47	4,096	5,314	179.99	4,444	7,535
179.48	4,103	5,355	180.00	4,451	7,579
179.49	4,109	5,396	180.01	4,458	7,624
179.50	4,116	5,437	180.02	4,465	7,668
179.51	4,123	5,478	180.03	4,472	7,713
179.52	4,129	5,520	180.04	4,479	7,758
179.53	4,136	5,561	180.05	4,486	7,802
179.54	4,143	5,602	180.06	4,493	7,847
179.55	4,150	5,644	180.07	4,500	7,892

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,507	7,937	180.60	4,870	10,375
180.09	4,514	7,982	180.61	4,877	10,424
180.10	4,521	8,028	180.62	4,884	10,473
180.11	4,528	8,073	180.63	4,891	10,522
180.12	4,535	8,118	180.64	4,898	10,571
180.13	4,542	8,164	180.65	4,905	10,620
180.14	4,549	8,209	180.66	4,912	10,669
180.15	4,556	8,255	180.67	4,919	10,718
180.16	4,563	8,300	180.68	4,926	10,767
180.17	4,570	8,346	180.69	4,933	10,816
180.18	4,577	8,391	180.70	4,940	10,866
180.19	4,584	8,437	180.71	4,947	10,915
180.20	4,591	8,483	180.72	4,954	10,965
180.21	4,598	8,529	180.73	4,961	11,014
180.22	4,605	8,575	180.74	4,968	11,064
180.23	4,612	8,621	180.75	4,975	11,114
180.24	4,619	8,667	180.76	4,981	11,163
180.25	4,626	8,714	180.77	4,988	11,213
180.26	4,632	8,760	180.78	4,995	11,263
180.27	4,639	8,806	180.79	5,002	11,313
180.28	4,646	8,853	180.80	5,009	11,363
180.29	4,653	8,899	180.81	5,016	11,413
180.30	4,660	8,946	180.82	5,023	11,463
180.31	4,667	8,992	180.83	5,030	11,514
180.32	4,674	9,039	180.84	5,037	11,564
180.33	4,681	9,086	180.85	5,044	11,615
180.34	4,688	9,133	180.86	5,051	11,665
180.35	4,695	9,180	180.87	5,058	11,716
180.36	4,702	9,227	180.88	5,065	11,766
180.37	4,709	9,274	180.89	5,072	11,817
180.38	4,716	9,321	180.90	5,079	11,868
180.39	4,723	9,368	180.91	5,086	11,918
180.40	4,730	9,415	180.92	5,093	11,969
180.41	4,737	9,463	180.93	5,100	12,020
180.42	4,744	9,510	180.94	5,107	12,071
180.43	4,751	9,557	180.95	5,114	12,122
180.44	4,758	9,605	180.96	5,121	12,174
180.45	4,765	9,653	180.97	5,128	12,225
180.46	4,772	9,700	180.98	5,135	12,276
180.47	4,779	9,748	180.99	5,142	12,328
180.48	4,786	9,796	181.00	5,149	12,379
180.49	4,793	9,844	181.01	5,156	12,431
180.50	4,800	9,892	181.02	5,164	12,482
180.51	4,807	9,940	181.03	5,171	12,534
180.52	4,814	9,988	181.04	5,178	12,586
180.53	4,821	10,036	181.05	5,185	12,637
180.54	4,828	10,084	181.06	5,193	12,689
180.55	4,835	10,133	181.07	5,200	12,741
180.56	4,842	10,181	181.08	5,207	12,793
180.57	4,849	10,229	181.09	5,215	12,845
180.58	4,856	10,278	181.10	5,222	12,898
180.59	4,863	10,327	181.11	5,229	12,950

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	5,236	13,002	181.64	5,615	15,823
181.13	5,244	13,055	181.65	5,622	15,880
181.14	5,251	13,107	181.66	5,629	15,936
181.15	5,258	13,160	181.67	5,637	15,992
181.16	5,265	13,212	181.68	5,644	16,049
181.17	5,273	13,265	181.69	5,651	16,105
181.18	5,280	13,318	181.70	5,659	16,162
181.19	5,287	13,370	181.71	5,666	16,218
181.20	5,295	13,423	181.72	5,673	16,275
181.21	5,302	13,476	181.73	5,680	16,332
181.22	5,309	13,529	181.74	5,688	16,389
181.23	5,316	13,583	181.75	5,695	16,446
181.24	5,324	13,636	181.76	5,702	16,502
181.25	5,331	13,689	181.77	5,710	16,560
181.26	5,338	13,742	181.78	5,717	16,617
181.27	5,346	13,796	181.79	5,724	16,674
181.28	5,353	13,849	181.80	5,731	16,731
181.29	5,360	13,903	181.81	5,739	16,789
181.30	5,367	13,956	181.82	5,746	16,846
181.31	5,375	14,010	181.83	5,753	16,903
181.32	5,382	14,064	181.84	5,761	16,961
181.33	5,389	14,118	181.85	5,768	17,019
181.34	5,397	14,172	181.86	5,775	17,076
181.35	5,404	14,226	181.87	5,782	17,134
181.36	5,411	14,280	181.88	5,790	17,192
181.37	5,418	14,334	181.89	5,797	17,250
181.38	5,426	14,388	181.90	5,804	17,308
181.39	5,433	14,442	181.91	5,811	17,366
181.40	5,440	14,497	181.92	5,819	17,424
181.41	5,447	14,551	181.93	5,826	17,482
181.42	5,455	14,606	181.94	5,833	17,541
181.43	5,462	14,660	181.95	5,841	17,599
181.44	5,469	14,715	181.96	5,848	17,658
181.45	5,477	14,770	181.97	5,855	17,716
181.46	5,484	14,825	181.98	5,862	17,775
181.47	5,491	14,879	181.99	5,870	17,833
181.48	5,498	14,934	182.00	5,877	17,892
181.49	5,506	14,989			
181.50	5,513	15,045			
181.51	5,520	15,100			
181.52	5,528	15,155			
181.53	5,535	15,210			
181.54	5,542	15,266			
181.55	5,549	15,321			
181.56	5,557	15,377			
181.57	5,564	15,432			
181.58	5,571	15,488			
181.59	5,579	15,544			
181.60	5,586	15,599			
181.61	5,593	15,655			
181.62	5,600	15,711			
181.63	5,608	15,767			

Summary for Pond B-17A: Basin #17A

Inflow Area = 1.324 ac, 14.58% Impervious, Inflow Depth = 5.74" for Current 100 yr event
 Inflow = 8.09 cfs @ 12.17 hrs, Volume= 0.633 af
 Outflow = 0.26 cfs @ 15.84 hrs, Volume= 0.506 af, Atten= 97%, Lag= 219.7 min
 Primary = 0.26 cfs @ 15.84 hrs, Volume= 0.506 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.75' @ 15.84 hrs Surf.Area= 8,386 sf Storage= 19,040 cf

Plug-Flow detention time= 737.5 min calculated for 0.506 af (80% of inflow)
 Center-of-Mass det. time= 657.4 min (1,462.5 - 805.0)

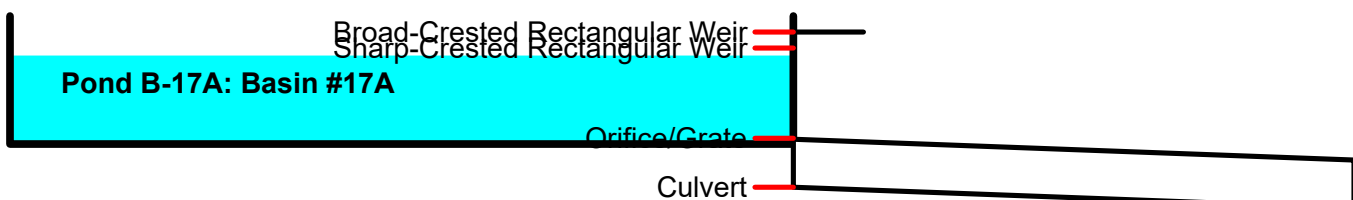
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	30,377 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	5,508	0	0
180.00	6,502	6,005	6,005
181.00	7,552	7,027	13,032
182.00	8,658	8,105	21,137
183.00	9,821	9,240	30,377

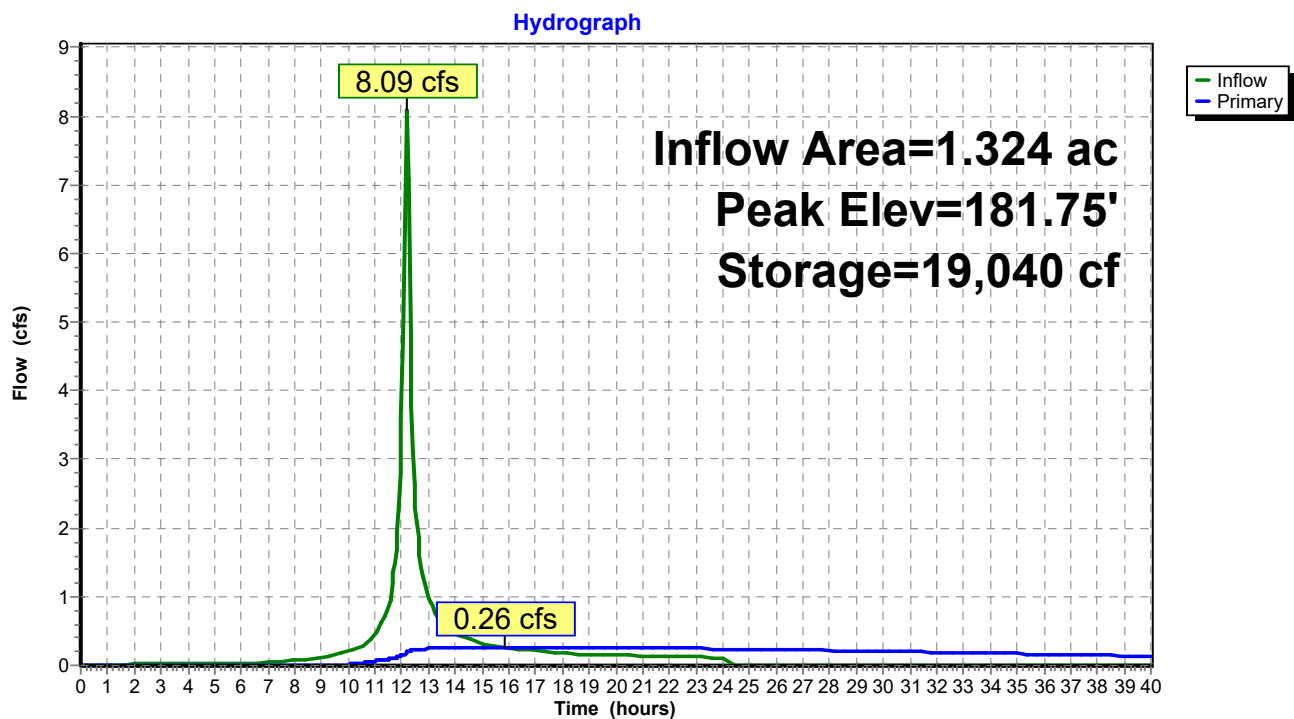
Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.26 cfs @ 15.84 hrs HW=181.75' (Free Discharge)

- 1=Culvert (Passes 0.26 cfs of 15.58 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.57 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-17A: Basin #17A



Hydrograph for Pond B-17A: Basin #17A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	1	179.00	0.00
0.90	0.00	2	179.00	0.00
1.00	0.01	4	179.00	0.00
1.10	0.01	6	179.00	0.00
1.20	0.01	8	179.00	0.00
1.30	0.01	11	179.00	0.00
1.40	0.01	14	179.00	0.00
1.50	0.01	17	179.00	0.00
1.60	0.01	21	179.00	0.00
1.70	0.01	25	179.00	0.00
1.80	0.01	29	179.01	0.00
1.90	0.01	33	179.01	0.00
2.00	0.01	37	179.01	0.00
2.10	0.01	42	179.01	0.00
2.20	0.01	47	179.01	0.00
2.30	0.01	52	179.01	0.00
2.40	0.01	57	179.01	0.00
2.50	0.01	62	179.01	0.00
2.60	0.02	68	179.01	0.00
2.70	0.02	73	179.01	0.00
2.80	0.02	79	179.01	0.00
2.90	0.02	85	179.02	0.00
3.00	0.02	91	179.02	0.00
3.10	0.02	97	179.02	0.00
3.20	0.02	103	179.02	0.00
3.30	0.02	110	179.02	0.00
3.40	0.02	116	179.02	0.00
3.50	0.02	123	179.02	0.00
3.60	0.02	129	179.02	0.00
3.70	0.02	136	179.02	0.00
3.80	0.02	143	179.03	0.00
3.90	0.02	150	179.03	0.00
4.00	0.02	157	179.03	0.00
4.10	0.02	164	179.03	0.00
4.20	0.02	172	179.03	0.00
4.30	0.02	179	179.03	0.00
4.40	0.02	187	179.03	0.00
4.50	0.02	194	179.04	0.00
4.60	0.02	202	179.04	0.00
4.70	0.02	210	179.04	0.00
4.80	0.02	218	179.04	0.00
4.90	0.02	226	179.04	0.00
5.00	0.02	234	179.04	0.00
5.10	0.02	242	179.04	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	250	179.05	0.00
5.30	0.02	258	179.05	0.00
5.40	0.02	267	179.05	0.00
5.50	0.02	275	179.05	0.00
5.60	0.02	284	179.05	0.00
5.70	0.02	292	179.05	0.00
5.80	0.02	301	179.05	0.00
5.90	0.02	310	179.06	0.00
6.00	0.02	318	179.06	0.00
6.10	0.02	327	179.06	0.00
6.20	0.03	336	179.06	0.00
6.30	0.03	346	179.06	0.00
6.40	0.03	355	179.06	0.00
6.50	0.03	365	179.07	0.00
6.60	0.03	376	179.07	0.00
6.70	0.03	388	179.07	0.00
6.80	0.04	400	179.07	0.00
6.90	0.04	414	179.07	0.00
7.00	0.04	428	179.08	0.00
7.10	0.04	443	179.08	0.00
7.20	0.05	459	179.08	0.00
7.30	0.05	476	179.09	0.00
7.40	0.05	494	179.09	0.00
7.50	0.05	513	179.09	0.00
7.60	0.06	533	179.10	0.00
7.70	0.06	554	179.10	0.00
7.80	0.06	576	179.10	0.00
7.90	0.07	600	179.11	0.00
8.00	0.07	624	179.11	0.00
8.10	0.07	650	179.12	0.00
8.20	0.08	677	179.12	0.00
8.30	0.08	705	179.13	0.00
8.40	0.08	734	179.13	0.00
8.50	0.09	765	179.14	0.00
8.60	0.09	797	179.14	0.00
8.70	0.09	830	179.15	0.00
8.80	0.10	865	179.15	0.00
8.90	0.10	901	179.16	0.00
9.00	0.11	938	179.17	0.00
9.10	0.11	977	179.17	0.00
9.20	0.12	1,018	179.18	0.00
9.30	0.13	1,062	179.19	0.00
9.40	0.14	1,109	179.20	0.00
9.50	0.15	1,160	179.21	0.00
9.60	0.16	1,213	179.22	0.00
9.70	0.17	1,269	179.23	0.00
9.80	0.18	1,329	179.24	0.01
9.90	0.19	1,392	179.25	0.01
10.00	0.20	1,458	179.26	0.01
10.10	0.21	1,527	179.27	0.01
10.20	0.22	1,599	179.28	0.02
10.30	0.24	1,674	179.30	0.02

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	1,752	179.31	0.03
10.50	0.26	1,833	179.32	0.03
10.60	0.28	1,918	179.34	0.04
10.70	0.31	2,010	179.35	0.04
10.80	0.35	2,114	179.37	0.05
10.90	0.39	2,229	179.39	0.05
11.00	0.44	2,359	179.41	0.06
11.10	0.49	2,503	179.44	0.06
11.20	0.56	2,668	179.46	0.07
11.30	0.64	2,858	179.50	0.08
11.40	0.73	3,078	179.53	0.08
11.50	0.82	3,326	179.57	0.09
11.60	1.01	3,616	179.62	0.10
11.70	1.36	4,009	179.69	0.10
11.80	1.68	4,510	179.77	0.11
11.90	2.32	5,177	179.87	0.13
12.00	3.62	6,171	180.03	0.14
12.10	6.33	7,865	180.28	0.16
12.20	7.84	10,502	180.66	0.19
12.30	4.81	12,701	180.96	0.21
12.40	3.12	14,022	181.13	0.22
12.50	2.30	14,900	181.24	0.23
12.60	1.87	15,571	181.33	0.23
12.70	1.42	16,071	181.39	0.24
12.80	1.22	16,457	181.44	0.24
12.90	1.10	16,788	181.48	0.24
13.00	1.00	17,078	181.52	0.25
13.10	0.89	17,329	181.55	0.25
13.20	0.80	17,544	181.57	0.25
13.30	0.73	17,730	181.60	0.25
13.40	0.67	17,893	181.62	0.25
13.50	0.62	18,036	181.63	0.25
13.60	0.56	18,157	181.65	0.25
13.70	0.52	18,260	181.66	0.25
13.80	0.49	18,350	181.67	0.25
13.90	0.48	18,433	181.68	0.25
14.00	0.46	18,510	181.69	0.25
14.10	0.45	18,581	181.70	0.26
14.20	0.43	18,647	181.71	0.26
14.30	0.42	18,708	181.71	0.26
14.40	0.40	18,763	181.72	0.26
14.50	0.39	18,813	181.73	0.26
14.60	0.37	18,857	181.73	0.26
14.70	0.36	18,896	181.74	0.26
14.80	0.34	18,930	181.74	0.26
14.90	0.33	18,958	181.74	0.26
15.00	0.31	18,981	181.75	0.26
15.10	0.30	18,998	181.75	0.26
15.20	0.29	19,010	181.75	0.26
15.30	0.28	19,019	181.75	0.26
15.40	0.28	19,026	181.75	0.26
15.50	0.27	19,032	181.75	0.26

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	19,036	181.75	0.26
15.70	0.26	19,039	181.75	0.26
15.80	0.26	19,040	181.75	0.26
15.90	0.26	19,040	181.75	0.26
16.00	0.25	19,038	181.75	0.26
16.10	0.25	19,035	181.75	0.26
16.20	0.24	19,031	181.75	0.26
16.30	0.24	19,026	181.75	0.26
16.40	0.24	19,018	181.75	0.26
16.50	0.23	19,010	181.75	0.26
16.60	0.23	19,000	181.75	0.26
16.70	0.22	18,989	181.75	0.26
16.80	0.22	18,976	181.75	0.26
16.90	0.22	18,962	181.74	0.26
17.00	0.21	18,946	181.74	0.26
17.10	0.21	18,930	181.74	0.26
17.20	0.20	18,911	181.74	0.26
17.30	0.20	18,892	181.74	0.26
17.40	0.20	18,871	181.73	0.26
17.50	0.19	18,848	181.73	0.26
17.60	0.19	18,824	181.73	0.26
17.70	0.18	18,799	181.73	0.26
17.80	0.18	18,773	181.72	0.26
17.90	0.18	18,745	181.72	0.26
18.00	0.17	18,715	181.72	0.26
18.10	0.17	18,685	181.71	0.26
18.20	0.17	18,653	181.71	0.26
18.30	0.16	18,620	181.70	0.26
18.40	0.16	18,587	181.70	0.26
18.50	0.16	18,553	181.70	0.25
18.60	0.16	18,520	181.69	0.25
18.70	0.16	18,485	181.69	0.25
18.80	0.16	18,451	181.68	0.25
18.90	0.16	18,417	181.68	0.25
19.00	0.16	18,382	181.67	0.25
19.10	0.16	18,346	181.67	0.25
19.20	0.15	18,311	181.67	0.25
19.30	0.15	18,275	181.66	0.25
19.40	0.15	18,239	181.66	0.25
19.50	0.15	18,203	181.65	0.25
19.60	0.15	18,167	181.65	0.25
19.70	0.15	18,130	181.64	0.25
19.80	0.15	18,093	181.64	0.25
19.90	0.15	18,056	181.64	0.25
20.00	0.15	18,018	181.63	0.25
20.10	0.15	17,980	181.63	0.25
20.20	0.14	17,942	181.62	0.25
20.30	0.14	17,904	181.62	0.25
20.40	0.14	17,865	181.61	0.25
20.50	0.14	17,826	181.61	0.25
20.60	0.14	17,787	181.60	0.25
20.70	0.14	17,748	181.60	0.25

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	17,708	181.59	0.25
20.90	0.14	17,668	181.59	0.25
21.00	0.14	17,628	181.58	0.25
21.10	0.14	17,587	181.58	0.25
21.20	0.13	17,547	181.57	0.25
21.30	0.13	17,506	181.57	0.25
21.40	0.13	17,464	181.56	0.25
21.50	0.13	17,423	181.56	0.25
21.60	0.13	17,381	181.55	0.25
21.70	0.13	17,339	181.55	0.25
21.80	0.13	17,297	181.54	0.25
21.90	0.13	17,254	181.54	0.25
22.00	0.13	17,212	181.53	0.25
22.10	0.13	17,168	181.53	0.25
22.20	0.12	17,125	181.52	0.25
22.30	0.12	17,082	181.52	0.25
22.40	0.12	17,038	181.51	0.24
22.50	0.12	16,994	181.51	0.24
22.60	0.12	16,949	181.50	0.24
22.70	0.12	16,905	181.49	0.24
22.80	0.12	16,860	181.49	0.24
22.90	0.12	16,815	181.48	0.24
23.00	0.12	16,769	181.48	0.24
23.10	0.12	16,724	181.47	0.24
23.20	0.11	16,678	181.47	0.24
23.30	0.11	16,632	181.46	0.24
23.40	0.11	16,586	181.46	0.24
23.50	0.11	16,539	181.45	0.24
23.60	0.11	16,492	181.44	0.24
23.70	0.11	16,445	181.44	0.24
23.80	0.11	16,398	181.43	0.24
23.90	0.11	16,350	181.43	0.24
24.00	0.11	16,303	181.42	0.24
24.10	0.10	16,257	181.41	0.24
24.20	0.03	16,192	181.41	0.24
24.30	0.01	16,111	181.40	0.24
24.40	0.00	16,027	181.39	0.24
24.50	0.00	15,941	181.37	0.24
24.60	0.00	15,856	181.36	0.24
24.70	0.00	15,771	181.35	0.24
24.80	0.00	15,686	181.34	0.24
24.90	0.00	15,601	181.33	0.23
25.00	0.00	15,517	181.32	0.23
25.10	0.00	15,433	181.31	0.23
25.20	0.00	15,349	181.30	0.23
25.30	0.00	15,265	181.29	0.23
25.40	0.00	15,181	181.28	0.23
25.50	0.00	15,098	181.27	0.23
25.60	0.00	15,015	181.26	0.23
25.70	0.00	14,932	181.25	0.23
25.80	0.00	14,849	181.24	0.23
25.90	0.00	14,767	181.23	0.23

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,685	181.22	0.23
26.10	0.00	14,603	181.20	0.23
26.20	0.00	14,521	181.19	0.23
26.30	0.00	14,439	181.18	0.23
26.40	0.00	14,358	181.17	0.23
26.50	0.00	14,277	181.16	0.22
26.60	0.00	14,196	181.15	0.22
26.70	0.00	14,115	181.14	0.22
26.80	0.00	14,035	181.13	0.22
26.90	0.00	13,955	181.12	0.22
27.00	0.00	13,875	181.11	0.22
27.10	0.00	13,795	181.10	0.22
27.20	0.00	13,715	181.09	0.22
27.30	0.00	13,636	181.08	0.22
27.40	0.00	13,557	181.07	0.22
27.50	0.00	13,478	181.06	0.22
27.60	0.00	13,400	181.05	0.22
27.70	0.00	13,321	181.04	0.22
27.80	0.00	13,243	181.03	0.22
27.90	0.00	13,165	181.02	0.22
28.00	0.00	13,087	181.01	0.22
28.10	0.00	13,010	181.00	0.21
28.20	0.00	12,933	180.99	0.21
28.30	0.00	12,856	180.98	0.21
28.40	0.00	12,779	180.97	0.21
28.50	0.00	12,703	180.96	0.21
28.60	0.00	12,626	180.95	0.21
28.70	0.00	12,550	180.94	0.21
28.80	0.00	12,474	180.93	0.21
28.90	0.00	12,399	180.92	0.21
29.00	0.00	12,323	180.91	0.21
29.10	0.00	12,248	180.90	0.21
29.20	0.00	12,173	180.89	0.21
29.30	0.00	12,099	180.88	0.21
29.40	0.00	12,024	180.87	0.21
29.50	0.00	11,950	180.86	0.21
29.60	0.00	11,876	180.85	0.21
29.70	0.00	11,803	180.84	0.20
29.80	0.00	11,729	180.83	0.20
29.90	0.00	11,656	180.82	0.20
30.00	0.00	11,583	180.81	0.20
30.10	0.00	11,510	180.80	0.20
30.20	0.00	11,438	180.79	0.20
30.30	0.00	11,365	180.78	0.20
30.40	0.00	11,293	180.77	0.20
30.50	0.00	11,221	180.76	0.20
30.60	0.00	11,150	180.75	0.20
30.70	0.00	11,079	180.74	0.20
30.80	0.00	11,007	180.73	0.20
30.90	0.00	10,937	180.72	0.20
31.00	0.00	10,866	180.71	0.20
31.10	0.00	10,796	180.70	0.20

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,725	180.69	0.19
31.30	0.00	10,656	180.68	0.19
31.40	0.00	10,586	180.67	0.19
31.50	0.00	10,517	180.66	0.19
31.60	0.00	10,447	180.65	0.19
31.70	0.00	10,378	180.64	0.19
31.80	0.00	10,310	180.63	0.19
31.90	0.00	10,241	180.62	0.19
32.00	0.00	10,173	180.61	0.19
32.10	0.00	10,105	180.60	0.19
32.20	0.00	10,038	180.59	0.19
32.30	0.00	9,970	180.58	0.19
32.40	0.00	9,903	180.57	0.19
32.50	0.00	9,836	180.56	0.19
32.60	0.00	9,769	180.55	0.18
32.70	0.00	9,703	180.54	0.18
32.80	0.00	9,637	180.54	0.18
32.90	0.00	9,571	180.53	0.18
33.00	0.00	9,505	180.52	0.18
33.10	0.00	9,439	180.51	0.18
33.20	0.00	9,374	180.50	0.18
33.30	0.00	9,309	180.49	0.18
33.40	0.00	9,244	180.48	0.18
33.50	0.00	9,180	180.47	0.18
33.60	0.00	9,116	180.46	0.18
33.70	0.00	9,052	180.45	0.18
33.80	0.00	8,988	180.44	0.18
33.90	0.00	8,925	180.43	0.18
34.00	0.00	8,861	180.42	0.18
34.10	0.00	8,798	180.42	0.17
34.20	0.00	8,736	180.41	0.17
34.30	0.00	8,673	180.40	0.17
34.40	0.00	8,611	180.39	0.17
34.50	0.00	8,549	180.38	0.17
34.60	0.00	8,487	180.37	0.17
34.70	0.00	8,426	180.36	0.17
34.80	0.00	8,365	180.35	0.17
34.90	0.00	8,304	180.34	0.17
35.00	0.00	8,243	180.34	0.17
35.10	0.00	8,183	180.33	0.17
35.20	0.00	8,122	180.32	0.17
35.30	0.00	8,062	180.31	0.17
35.40	0.00	8,003	180.30	0.17
35.50	0.00	7,943	180.29	0.16
35.60	0.00	7,884	180.28	0.16
35.70	0.00	7,825	180.27	0.16
35.80	0.00	7,767	180.27	0.16
35.90	0.00	7,708	180.26	0.16
36.00	0.00	7,650	180.25	0.16
36.10	0.00	7,592	180.24	0.16
36.20	0.00	7,535	180.23	0.16
36.30	0.00	7,477	180.22	0.16

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,420	180.21	0.16
36.50	0.00	7,363	180.21	0.16
36.60	0.00	7,307	180.20	0.16
36.70	0.00	7,250	180.19	0.16
36.80	0.00	7,194	180.18	0.16
36.90	0.00	7,138	180.17	0.15
37.00	0.00	7,083	180.16	0.15
37.10	0.00	7,028	180.16	0.15
37.20	0.00	6,973	180.15	0.15
37.30	0.00	6,918	180.14	0.15
37.40	0.00	6,863	180.13	0.15
37.50	0.00	6,809	180.12	0.15
37.60	0.00	6,755	180.11	0.15
37.70	0.00	6,701	180.11	0.15
37.80	0.00	6,648	180.10	0.15
37.90	0.00	6,595	180.09	0.15
38.00	0.00	6,542	180.08	0.15
38.10	0.00	6,489	180.07	0.15
38.20	0.00	6,437	180.07	0.15
38.30	0.00	6,385	180.06	0.14
38.40	0.00	6,333	180.05	0.14
38.50	0.00	6,281	180.04	0.14
38.60	0.00	6,230	180.03	0.14
38.70	0.00	6,179	180.03	0.14
38.80	0.00	6,128	180.02	0.14
38.90	0.00	6,078	180.01	0.14
39.00	0.00	6,027	180.00	0.14
39.10	0.00	5,977	180.00	0.14
39.20	0.00	5,928	179.99	0.14
39.30	0.00	5,878	179.98	0.14
39.40	0.00	5,829	179.97	0.14
39.50	0.00	5,780	179.97	0.14
39.60	0.00	5,732	179.96	0.13
39.70	0.00	5,683	179.95	0.13
39.80	0.00	5,635	179.94	0.13
39.90	0.00	5,587	179.94	0.13
40.00	0.00	5,540	179.93	0.13

Stage-Discharge for Pond B-17A: Basin #17A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	0.14	180.56	0.19
179.01	0.00	179.53	0.08	180.05	0.14	180.57	0.19
179.02	0.00	179.54	0.08	180.06	0.14	180.58	0.19
179.03	0.00	179.55	0.08	180.07	0.15	180.59	0.19
179.04	0.00	179.56	0.09	180.08	0.15	180.60	0.19
179.05	0.00	179.57	0.09	180.09	0.15	180.61	0.19
179.06	0.00	179.58	0.09	180.10	0.15	180.62	0.19
179.07	0.00	179.59	0.09	180.11	0.15	180.63	0.19
179.08	0.00	179.60	0.09	180.12	0.15	180.64	0.19
179.09	0.00	179.61	0.09	180.13	0.15	180.65	0.19
179.10	0.00	179.62	0.10	180.14	0.15	180.66	0.19
179.11	0.00	179.63	0.10	180.15	0.15	180.67	0.19
179.12	0.00	179.64	0.10	180.16	0.15	180.68	0.19
179.13	0.00	179.65	0.10	180.17	0.15	180.69	0.19
179.14	0.00	179.66	0.10	180.18	0.16	180.70	0.20
179.15	0.00	179.67	0.10	180.19	0.16	180.71	0.20
179.16	0.00	179.68	0.10	180.20	0.16	180.72	0.20
179.17	0.00	179.69	0.10	180.21	0.16	180.73	0.20
179.18	0.00	179.70	0.11	180.22	0.16	180.74	0.20
179.19	0.00	179.71	0.11	180.23	0.16	180.75	0.20
179.20	0.00	179.72	0.11	180.24	0.16	180.76	0.20
179.21	0.00	179.73	0.11	180.25	0.16	180.77	0.20
179.22	0.00	179.74	0.11	180.26	0.16	180.78	0.20
179.23	0.00	179.75	0.11	180.27	0.16	180.79	0.20
179.24	0.01	179.76	0.11	180.28	0.16	180.80	0.20
179.25	0.01	179.77	0.11	180.29	0.16	180.81	0.20
179.26	0.01	179.78	0.12	180.30	0.17	180.82	0.20
179.27	0.01	179.79	0.12	180.31	0.17	180.83	0.20
179.28	0.02	179.80	0.12	180.32	0.17	180.84	0.20
179.29	0.02	179.81	0.12	180.33	0.17	180.85	0.21
179.30	0.02	179.82	0.12	180.34	0.17	180.86	0.21
179.31	0.03	179.83	0.12	180.35	0.17	180.87	0.21
179.32	0.03	179.84	0.12	180.36	0.17	180.88	0.21
179.33	0.03	179.85	0.12	180.37	0.17	180.89	0.21
179.34	0.04	179.86	0.12	180.38	0.17	180.90	0.21
179.35	0.04	179.87	0.13	180.39	0.17	180.91	0.21
179.36	0.05	179.88	0.13	180.40	0.17	180.92	0.21
179.37	0.05	179.89	0.13	180.41	0.17	180.93	0.21
179.38	0.05	179.90	0.13	180.42	0.17	180.94	0.21
179.39	0.05	179.91	0.13	180.43	0.18	180.95	0.21
179.40	0.06	179.92	0.13	180.44	0.18	180.96	0.21
179.41	0.06	179.93	0.13	180.45	0.18	180.97	0.21
179.42	0.06	179.94	0.13	180.46	0.18	180.98	0.21
179.43	0.06	179.95	0.13	180.47	0.18	180.99	0.21
179.44	0.06	179.96	0.13	180.48	0.18	181.00	0.22
179.45	0.07	179.97	0.14	180.49	0.18	181.01	0.22
179.46	0.07	179.98	0.14	180.50	0.18	181.02	0.22
179.47	0.07	179.99	0.14	180.51	0.18	181.03	0.22
179.48	0.07	180.00	0.14	180.52	0.18	181.04	0.22
179.49	0.07	180.01	0.14	180.53	0.18	181.05	0.22
179.50	0.08	180.02	0.14	180.54	0.18	181.06	0.22
179.51	0.08	180.03	0.14	180.55	0.18	181.07	0.22

Stage-Discharge for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.22	181.60	0.25	182.12	0.82	182.64	12.95
181.09	0.22	181.61	0.25	182.13	0.89	182.65	13.78
181.10	0.22	181.62	0.25	182.14	0.96	182.66	14.63
181.11	0.22	181.63	0.25	182.15	1.03	182.67	15.50
181.12	0.22	181.64	0.25	182.16	1.11	182.68	16.40
181.13	0.22	181.65	0.25	182.17	1.19	182.69	17.32
181.14	0.22	181.66	0.25	182.18	1.27	182.70	18.26
181.15	0.22	181.67	0.25	182.19	1.35	182.71	19.26
181.16	0.22	181.68	0.25	182.20	1.44	182.72	20.29
181.17	0.23	181.69	0.25	182.21	1.53	182.73	21.35
181.18	0.23	181.70	0.26	182.22	1.62	182.74	22.43
181.19	0.23	181.71	0.26	182.23	1.71	182.75	23.54
181.20	0.23	181.72	0.26	182.24	1.80	182.76	24.67
181.21	0.23	181.73	0.26	182.25	1.90	182.77	25.83
181.22	0.23	181.74	0.26	182.26	1.99	182.78	27.01
181.23	0.23	181.75	0.26	182.27	2.09	182.79	28.23
181.24	0.23	181.76	0.26	182.28	2.19	182.80	29.46
181.25	0.23	181.77	0.26	182.29	2.30	182.81	30.72
181.26	0.23	181.78	0.26	182.30	2.40	182.82	32.01
181.27	0.23	181.79	0.26	182.31	2.51	182.83	33.32
181.28	0.23	181.80	0.26	182.32	2.62	182.84	34.66
181.29	0.23	181.81	0.26	182.33	2.73	182.85	36.02
181.30	0.23	181.82	0.26	182.34	2.84	182.86	37.41
181.31	0.23	181.83	0.26	182.35	2.95	182.87	38.82
181.32	0.23	181.84	0.26	182.36	3.06	182.88	40.26
181.33	0.23	181.85	0.26	182.37	3.18	182.89	41.72
181.34	0.24	181.86	0.26	182.38	3.29	182.90	43.21
181.35	0.24	181.87	0.26	182.39	3.41	182.91	44.75
181.36	0.24	181.88	0.26	182.40	3.53	182.92	46.31
181.37	0.24	181.89	0.26	182.41	3.65	182.93	47.90
181.38	0.24	181.90	0.27	182.42	3.78	182.94	49.52
181.39	0.24	181.91	0.27	182.43	3.90	182.95	51.17
181.40	0.24	181.92	0.27	182.44	4.03	182.96	52.84
181.41	0.24	181.93	0.27	182.45	4.15	182.97	54.54
181.42	0.24	181.94	0.27	182.46	4.28	182.98	56.27
181.43	0.24	181.95	0.27	182.47	4.41	182.99	58.03
181.44	0.24	181.96	0.27	182.48	4.54	183.00	59.81
181.45	0.24	181.97	0.27	182.49	4.67		
181.46	0.24	181.98	0.27	182.50	4.80		
181.47	0.24	181.99	0.27	182.51	5.05		
181.48	0.24	182.00	0.27	182.52	5.40		
181.49	0.24	182.01	0.28	182.53	5.82		
181.50	0.24	182.02	0.31	182.54	6.28		
181.51	0.24	182.03	0.34	182.55	6.80		
181.52	0.25	182.04	0.38	182.56	7.35		
181.53	0.25	182.05	0.42	182.57	7.94		
181.54	0.25	182.06	0.47	182.58	8.57		
181.55	0.25	182.07	0.52	182.59	9.22		
181.56	0.25	182.08	0.57	182.60	9.91		
181.57	0.25	182.09	0.63	182.61	10.63		
181.58	0.25	182.10	0.69	182.62	11.38		
181.59	0.25	182.11	0.75	182.63	12.15		

Stage-Area-Storage for Pond B-17A: Basin #17A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	5,508	0	179.52	6,025	2,999
179.01	5,518	55	179.53	6,035	3,059
179.02	5,528	110	179.54	6,045	3,119
179.03	5,538	166	179.55	6,055	3,180
179.04	5,548	221	179.56	6,065	3,240
179.05	5,558	277	179.57	6,075	3,301
179.06	5,568	332	179.58	6,085	3,362
179.07	5,578	388	179.59	6,094	3,423
179.08	5,588	444	179.60	6,104	3,484
179.09	5,597	500	179.61	6,114	3,545
179.10	5,607	556	179.62	6,124	3,606
179.11	5,617	612	179.63	6,134	3,667
179.12	5,627	668	179.64	6,144	3,729
179.13	5,637	724	179.65	6,154	3,790
179.14	5,647	781	179.66	6,164	3,852
179.15	5,657	837	179.67	6,174	3,913
179.16	5,667	894	179.68	6,184	3,975
179.17	5,677	951	179.69	6,194	4,037
179.18	5,687	1,008	179.70	6,204	4,099
179.19	5,697	1,064	179.71	6,214	4,161
179.20	5,707	1,121	179.72	6,224	4,223
179.21	5,717	1,179	179.73	6,234	4,286
179.22	5,727	1,236	179.74	6,244	4,348
179.23	5,737	1,293	179.75	6,254	4,411
179.24	5,747	1,351	179.76	6,263	4,473
179.25	5,757	1,408	179.77	6,273	4,536
179.26	5,766	1,466	179.78	6,283	4,599
179.27	5,776	1,523	179.79	6,293	4,661
179.28	5,786	1,581	179.80	6,303	4,724
179.29	5,796	1,639	179.81	6,313	4,788
179.30	5,806	1,697	179.82	6,323	4,851
179.31	5,816	1,755	179.83	6,333	4,914
179.32	5,826	1,813	179.84	6,343	4,977
179.33	5,836	1,872	179.85	6,353	5,041
179.34	5,846	1,930	179.86	6,363	5,104
179.35	5,856	1,989	179.87	6,373	5,168
179.36	5,866	2,047	179.88	6,383	5,232
179.37	5,876	2,106	179.89	6,393	5,296
179.38	5,886	2,165	179.90	6,403	5,360
179.39	5,896	2,224	179.91	6,413	5,424
179.40	5,906	2,283	179.92	6,422	5,488
179.41	5,916	2,342	179.93	6,432	5,552
179.42	5,925	2,401	179.94	6,442	5,617
179.43	5,935	2,460	179.95	6,452	5,681
179.44	5,945	2,520	179.96	6,462	5,746
179.45	5,955	2,579	179.97	6,472	5,810
179.46	5,965	2,639	179.98	6,482	5,875
179.47	5,975	2,699	179.99	6,492	5,940
179.48	5,985	2,758	180.00	6,502	6,005
179.49	5,995	2,818	180.01	6,512	6,070
179.50	6,005	2,878	180.02	6,523	6,135
179.51	6,015	2,938	180.03	6,534	6,201

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	6,544	6,266	180.56	7,090	9,811
180.05	6,555	6,331	180.57	7,100	9,882
180.06	6,565	6,397	180.58	7,111	9,953
180.07	6,575	6,463	180.59	7,122	10,024
180.08	6,586	6,529	180.60	7,132	10,095
180.09	6,597	6,594	180.61	7,143	10,167
180.10	6,607	6,660	180.62	7,153	10,238
180.11	6,618	6,727	180.63	7,163	10,310
180.12	6,628	6,793	180.64	7,174	10,381
180.13	6,638	6,859	180.65	7,185	10,453
180.14	6,649	6,926	180.66	7,195	10,525
180.15	6,660	6,992	180.67	7,205	10,597
180.16	6,670	7,059	180.68	7,216	10,669
180.17	6,680	7,126	180.69	7,226	10,741
180.18	6,691	7,192	180.70	7,237	10,814
180.19	6,701	7,259	180.71	7,248	10,886
180.20	6,712	7,326	180.72	7,258	10,959
180.21	6,723	7,394	180.73	7,268	11,031
180.22	6,733	7,461	180.74	7,279	11,104
180.23	6,743	7,528	180.75	7,290	11,177
180.24	6,754	7,596	180.76	7,300	11,250
180.25	6,765	7,663	180.77	7,311	11,323
180.26	6,775	7,731	180.78	7,321	11,396
180.27	6,786	7,799	180.79	7,331	11,469
180.28	6,796	7,867	180.80	7,342	11,543
180.29	6,806	7,935	180.81	7,353	11,616
180.30	6,817	8,003	180.82	7,363	11,690
180.31	6,828	8,071	180.83	7,374	11,763
180.32	6,838	8,139	180.84	7,384	11,837
180.33	6,849	8,208	180.85	7,394	11,911
180.34	6,859	8,276	180.86	7,405	11,985
180.35	6,869	8,345	180.87	7,416	12,059
180.36	6,880	8,414	180.88	7,426	12,133
180.37	6,891	8,483	180.89	7,436	12,208
180.38	6,901	8,552	180.90	7,447	12,282
180.39	6,911	8,621	180.91	7,457	12,357
180.40	6,922	8,690	180.92	7,468	12,431
180.41	6,932	8,759	180.93	7,479	12,506
180.42	6,943	8,828	180.94	7,489	12,581
180.43	6,954	8,898	180.95	7,499	12,656
180.44	6,964	8,968	180.96	7,510	12,731
180.45	6,974	9,037	180.97	7,520	12,806
180.46	6,985	9,107	180.98	7,531	12,881
180.47	6,995	9,177	180.99	7,542	12,957
180.48	7,006	9,247	181.00	7,552	13,032
180.49	7,017	9,317	181.01	7,563	13,108
180.50	7,027	9,387	181.02	7,574	13,183
180.51	7,037	9,458	181.03	7,585	13,259
180.52	7,048	9,528	181.04	7,596	13,335
180.53	7,059	9,599	181.05	7,607	13,411
180.54	7,069	9,669	181.06	7,618	13,487
180.55	7,080	9,740	181.07	7,629	13,563

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	7,640	13,640	181.60	8,216	17,762
181.09	7,652	13,716	181.61	8,227	17,844
181.10	7,663	13,793	181.62	8,238	17,927
181.11	7,674	13,869	181.63	8,249	18,009
181.12	7,685	13,946	181.64	8,260	18,092
181.13	7,696	14,023	181.65	8,271	18,174
181.14	7,707	14,100	181.66	8,282	18,257
181.15	7,718	14,177	181.67	8,293	18,340
181.16	7,729	14,254	181.68	8,304	18,423
181.17	7,740	14,332	181.69	8,315	18,506
181.18	7,751	14,409	181.70	8,326	18,589
181.19	7,762	14,487	181.71	8,337	18,673
181.20	7,773	14,565	181.72	8,348	18,756
181.21	7,784	14,642	181.73	8,359	18,840
181.22	7,795	14,720	181.74	8,370	18,923
181.23	7,806	14,798	181.75	8,382	19,007
181.24	7,817	14,876	181.76	8,393	19,091
181.25	7,829	14,955	181.77	8,404	19,175
181.26	7,840	15,033	181.78	8,415	19,259
181.27	7,851	15,111	181.79	8,426	19,343
181.28	7,862	15,190	181.80	8,437	19,428
181.29	7,873	15,269	181.81	8,448	19,512
181.30	7,884	15,347	181.82	8,459	19,596
181.31	7,895	15,426	181.83	8,470	19,681
181.32	7,906	15,505	181.84	8,481	19,766
181.33	7,917	15,584	181.85	8,492	19,851
181.34	7,928	15,664	181.86	8,503	19,936
181.35	7,939	15,743	181.87	8,514	20,021
181.36	7,950	15,822	181.88	8,525	20,106
181.37	7,961	15,902	181.89	8,536	20,191
181.38	7,972	15,982	181.90	8,547	20,277
181.39	7,983	16,061	181.91	8,558	20,362
181.40	7,994	16,141	181.92	8,570	20,448
181.41	8,005	16,221	181.93	8,581	20,534
181.42	8,017	16,301	181.94	8,592	20,620
181.43	8,028	16,382	181.95	8,603	20,705
181.44	8,039	16,462	181.96	8,614	20,792
181.45	8,050	16,542	181.97	8,625	20,878
181.46	8,061	16,623	181.98	8,636	20,964
181.47	8,072	16,704	181.99	8,647	21,050
181.48	8,083	16,784	182.00	8,658	21,137
181.49	8,094	16,865	182.01	8,670	21,224
181.50	8,105	16,946	182.02	8,681	21,310
181.51	8,116	17,027	182.03	8,693	21,397
181.52	8,127	17,109	182.04	8,705	21,484
181.53	8,138	17,190	182.05	8,716	21,571
181.54	8,149	17,271	182.06	8,728	21,659
181.55	8,160	17,353	182.07	8,739	21,746
181.56	8,171	17,435	182.08	8,751	21,833
181.57	8,182	17,516	182.09	8,763	21,921
181.58	8,193	17,598	182.10	8,774	22,009
181.59	8,205	17,680	182.11	8,786	22,096

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	8,798	22,184	182.64	9,402	26,916
182.13	8,809	22,272	182.65	9,414	27,010
182.14	8,821	22,361	182.66	9,426	27,105
182.15	8,832	22,449	182.67	9,437	27,199
182.16	8,844	22,537	182.68	9,449	27,293
182.17	8,856	22,626	182.69	9,460	27,388
182.18	8,867	22,714	182.70	9,472	27,483
182.19	8,879	22,803	182.71	9,484	27,577
182.20	8,891	22,892	182.72	9,495	27,672
182.21	8,902	22,981	182.73	9,507	27,767
182.22	8,914	23,070	182.74	9,519	27,862
182.23	8,925	23,159	182.75	9,530	27,958
182.24	8,937	23,248	182.76	9,542	28,053
182.25	8,949	23,338	182.77	9,554	28,148
182.26	8,960	23,427	182.78	9,565	28,244
182.27	8,972	23,517	182.79	9,577	28,340
182.28	8,984	23,607	182.80	9,588	28,436
182.29	8,995	23,697	182.81	9,600	28,532
182.30	9,007	23,787	182.82	9,612	28,628
182.31	9,019	23,877	182.83	9,623	28,724
182.32	9,030	23,967	182.84	9,635	28,820
182.33	9,042	24,057	182.85	9,647	28,916
182.34	9,053	24,148	182.86	9,658	29,013
182.35	9,065	24,239	182.87	9,670	29,110
182.36	9,077	24,329	182.88	9,681	29,206
182.37	9,088	24,420	182.89	9,693	29,303
182.38	9,100	24,511	182.90	9,705	29,400
182.39	9,112	24,602	182.91	9,716	29,497
182.40	9,123	24,693	182.92	9,728	29,595
182.41	9,135	24,785	182.93	9,740	29,692
182.42	9,146	24,876	182.94	9,751	29,789
182.43	9,158	24,967	182.95	9,763	29,887
182.44	9,170	25,059	182.96	9,774	29,985
182.45	9,181	25,151	182.97	9,786	30,082
182.46	9,193	25,243	182.98	9,798	30,180
182.47	9,205	25,335	182.99	9,809	30,278
182.48	9,216	25,427	183.00	9,821	30,377
182.49	9,228	25,519			
182.50	9,240	25,611			
182.51	9,251	25,704			
182.52	9,263	25,796			
182.53	9,274	25,889			
182.54	9,286	25,982			
182.55	9,298	26,075			
182.56	9,309	26,168			
182.57	9,321	26,261			
182.58	9,333	26,354			
182.59	9,344	26,448			
182.60	9,356	26,541			
182.61	9,367	26,635			
182.62	9,379	26,728			
182.63	9,391	26,822			

Summary for Pond B-17B: Basin #17B

Inflow Area = 1.385 ac, 37.11% Impervious, Inflow Depth = 6.39" for Current 100 yr event
 Inflow = 9.05 cfs @ 12.17 hrs, Volume= 0.737 af
 Outflow = 1.70 cfs @ 12.67 hrs, Volume= 0.597 af, Atten= 81%, Lag= 29.7 min
 Primary = 1.70 cfs @ 12.67 hrs, Volume= 0.597 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.24' @ 12.67 hrs Surf.Area= 9,573 sf Storage= 18,317 cf

Plug-Flow detention time= 557.3 min calculated for 0.596 af (81% of inflow)
 Center-of-Mass det. time= 479.3 min (1,264.0 - 784.7)

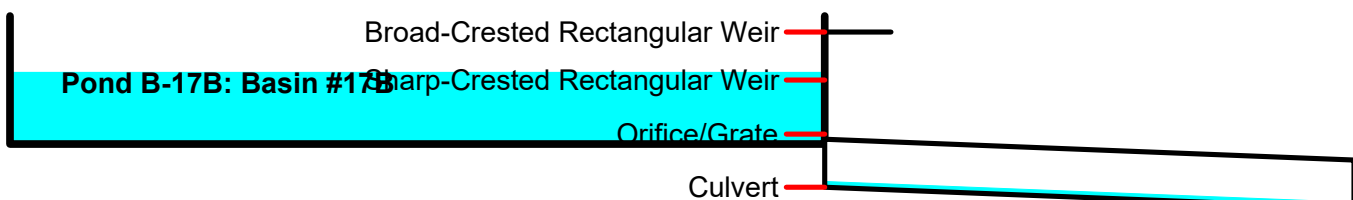
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	37,242 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	6,855	0	0
180.00	8,033	7,444	7,444
181.00	9,268	8,651	16,095
182.00	10,560	9,914	26,009
183.00	11,907	11,234	37,242

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.31'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

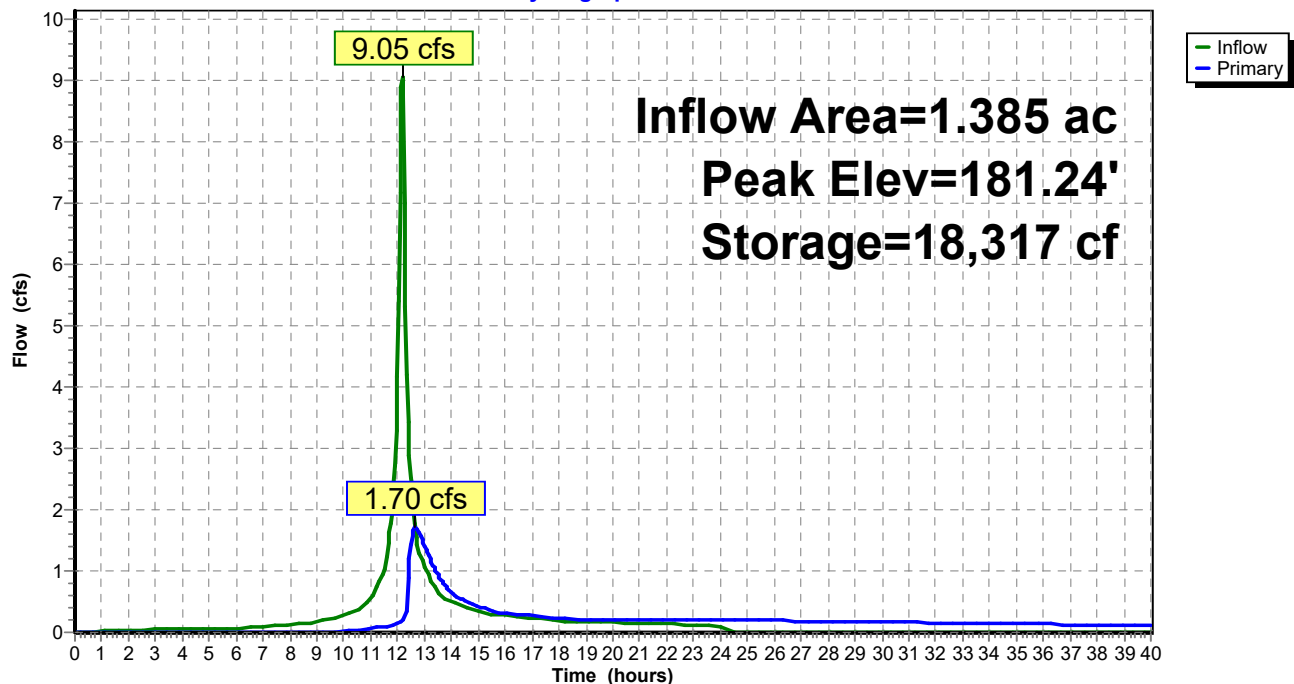
Primary OutFlow Max=1.70 cfs @ 12.67 hrs HW=181.24' (Free Discharge)

1=Culvert (Passes 1.70 cfs of 14.33 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.50 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.48 cfs @ 1.59 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-17B: Basin #17B

Hydrograph



Hydrograph for Pond B-17B: Basin #17B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	1	179.00	0.00
0.80	0.01	3	179.00	0.00
0.90	0.01	7	179.00	0.00
1.00	0.01	11	179.00	0.00
1.10	0.02	16	179.00	0.00
1.20	0.02	23	179.00	0.00
1.30	0.02	30	179.00	0.00
1.40	0.02	38	179.01	0.00
1.50	0.03	46	179.01	0.00
1.60	0.03	56	179.01	0.00
1.70	0.03	66	179.01	0.00
1.80	0.03	77	179.01	0.00
1.90	0.03	88	179.01	0.00
2.00	0.03	100	179.01	0.00
2.10	0.03	112	179.02	0.00
2.20	0.04	125	179.02	0.00
2.30	0.04	138	179.02	0.00
2.40	0.04	152	179.02	0.00
2.50	0.04	166	179.02	0.00
2.60	0.04	180	179.03	0.00
2.70	0.04	195	179.03	0.00
2.80	0.04	210	179.03	0.00
2.90	0.04	226	179.03	0.00
3.00	0.04	242	179.04	0.00
3.10	0.05	258	179.04	0.00
3.20	0.05	275	179.04	0.00
3.30	0.05	292	179.04	0.00
3.40	0.05	309	179.04	0.00
3.50	0.05	327	179.05	0.00
3.60	0.05	345	179.05	0.00
3.70	0.05	363	179.05	0.00
3.80	0.05	381	179.06	0.00
3.90	0.05	400	179.06	0.00
4.00	0.05	419	179.06	0.00
4.10	0.05	438	179.06	0.00
4.20	0.05	458	179.07	0.00
4.30	0.06	477	179.07	0.00
4.40	0.06	497	179.07	0.00
4.50	0.06	518	179.08	0.00
4.60	0.06	538	179.08	0.00
4.70	0.06	559	179.08	0.00
4.80	0.06	580	179.08	0.00
4.90	0.06	601	179.09	0.00
5.00	0.06	622	179.09	0.00
5.10	0.06	644	179.09	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	666	179.10	0.00
5.30	0.06	688	179.10	0.00
5.40	0.06	710	179.10	0.00
5.50	0.06	732	179.11	0.00
5.60	0.06	755	179.11	0.00
5.70	0.06	778	179.11	0.00
5.80	0.06	801	179.12	0.00
5.90	0.06	824	179.12	0.00
6.00	0.07	848	179.12	0.00
6.10	0.07	872	179.13	0.00
6.20	0.07	896	179.13	0.00
6.30	0.07	920	179.13	0.00
6.40	0.07	946	179.14	0.00
6.50	0.07	972	179.14	0.00
6.60	0.08	1,000	179.14	0.00
6.70	0.08	1,028	179.15	0.00
6.80	0.08	1,057	179.15	0.00
6.90	0.09	1,088	179.16	0.00
7.00	0.09	1,120	179.16	0.00
7.10	0.09	1,152	179.17	0.00
7.20	0.10	1,187	179.17	0.00
7.30	0.10	1,222	179.18	0.00
7.40	0.10	1,258	179.18	0.00
7.50	0.11	1,296	179.19	0.00
7.60	0.11	1,335	179.19	0.00
7.70	0.11	1,375	179.20	0.00
7.80	0.12	1,417	179.20	0.00
7.90	0.12	1,460	179.21	0.00
8.00	0.12	1,504	179.22	0.00
8.10	0.13	1,550	179.22	0.00
8.20	0.13	1,597	179.23	0.00
8.30	0.14	1,645	179.24	0.00
8.40	0.14	1,695	179.24	0.00
8.50	0.14	1,746	179.25	0.00
8.60	0.15	1,799	179.26	0.00
8.70	0.15	1,853	179.26	0.00
8.80	0.16	1,909	179.27	0.00
8.90	0.16	1,966	179.28	0.00
9.00	0.17	2,025	179.29	0.00
9.10	0.17	2,085	179.30	0.00
9.20	0.18	2,149	179.31	0.00
9.30	0.19	2,216	179.31	0.00
9.40	0.20	2,287	179.32	0.00
9.50	0.22	2,362	179.33	0.00
9.60	0.23	2,441	179.35	0.00
9.70	0.24	2,524	179.36	0.00
9.80	0.25	2,611	179.37	0.01
9.90	0.27	2,702	179.38	0.01
10.00	0.28	2,796	179.39	0.01
10.10	0.29	2,894	179.41	0.02
10.20	0.31	2,995	179.42	0.02
10.30	0.32	3,100	179.44	0.03

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.34	3,209	179.45	0.03
10.50	0.35	3,320	179.47	0.04
10.60	0.37	3,437	179.48	0.04
10.70	0.41	3,562	179.50	0.05
10.80	0.46	3,702	179.52	0.05
10.90	0.51	3,857	179.54	0.06
11.00	0.56	4,028	179.56	0.06
11.10	0.62	4,218	179.59	0.07
11.20	0.71	4,432	179.61	0.07
11.30	0.81	4,677	179.65	0.08
11.40	0.91	4,956	179.68	0.09
11.50	1.01	5,269	179.72	0.09
11.60	1.23	5,628	179.77	0.10
11.70	1.63	6,108	179.83	0.11
11.80	1.99	6,713	179.91	0.12
11.90	2.71	7,506	180.01	0.13
12.00	4.17	8,667	180.15	0.14
12.10	7.16	10,606	180.38	0.16
12.20	8.74	13,572	180.72	0.19
12.30	5.31	16,025	180.99	0.21
12.40	3.43	17,380	181.14	0.88
12.50	2.52	18,011	181.20	1.41
12.60	2.04	18,276	181.23	1.67
12.70	1.54	18,306	181.23	1.69
12.80	1.33	18,224	181.23	1.62
12.90	1.20	18,116	181.21	1.51
13.00	1.08	18,001	181.20	1.40
13.10	0.97	17,884	181.19	1.30
13.20	0.87	17,764	181.18	1.20
13.30	0.79	17,651	181.17	1.10
13.40	0.73	17,547	181.15	1.01
13.50	0.67	17,449	181.14	0.93
13.60	0.61	17,355	181.13	0.86
13.70	0.56	17,267	181.13	0.79
13.80	0.53	17,188	181.12	0.74
13.90	0.51	17,119	181.11	0.69
14.00	0.50	17,060	181.10	0.65
14.10	0.48	17,008	181.10	0.62
14.20	0.47	16,962	181.09	0.59
14.30	0.45	16,921	181.09	0.56
14.40	0.43	16,883	181.08	0.53
14.50	0.42	16,848	181.08	0.51
14.60	0.40	16,815	181.08	0.49
14.70	0.39	16,782	181.07	0.48
14.80	0.37	16,750	181.07	0.46
14.90	0.35	16,717	181.07	0.44
15.00	0.34	16,685	181.06	0.43
15.10	0.32	16,653	181.06	0.41
15.20	0.31	16,622	181.06	0.39
15.30	0.30	16,592	181.05	0.38
15.40	0.30	16,566	181.05	0.37
15.50	0.29	16,543	181.05	0.35

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	16,522	181.05	0.34
15.70	0.28	16,504	181.04	0.33
15.80	0.28	16,487	181.04	0.32
15.90	0.28	16,471	181.04	0.32
16.00	0.27	16,457	181.04	0.31
16.10	0.27	16,442	181.04	0.31
16.20	0.26	16,428	181.04	0.30
16.30	0.26	16,414	181.03	0.30
16.40	0.25	16,399	181.03	0.29
16.50	0.25	16,385	181.03	0.29
16.60	0.25	16,370	181.03	0.29
16.70	0.24	16,356	181.03	0.28
16.80	0.24	16,341	181.03	0.28
16.90	0.23	16,326	181.02	0.27
17.00	0.23	16,312	181.02	0.27
17.10	0.22	16,297	181.02	0.27
17.20	0.22	16,282	181.02	0.26
17.30	0.22	16,268	181.02	0.26
17.40	0.21	16,253	181.02	0.25
17.50	0.21	16,238	181.02	0.25
17.60	0.20	16,223	181.01	0.24
17.70	0.20	16,209	181.01	0.24
17.80	0.19	16,194	181.01	0.24
17.90	0.19	16,179	181.01	0.23
18.00	0.19	16,164	181.01	0.23
18.10	0.18	16,149	181.01	0.22
18.20	0.18	16,134	181.00	0.22
18.30	0.18	16,120	181.00	0.21
18.40	0.17	16,107	181.00	0.21
18.50	0.17	16,094	181.00	0.21
18.60	0.17	16,082	181.00	0.21
18.70	0.17	16,070	181.00	0.21
18.80	0.17	16,057	181.00	0.21
18.90	0.17	16,044	180.99	0.21
19.00	0.17	16,030	180.99	0.21
19.10	0.17	16,016	180.99	0.21
19.20	0.17	16,002	180.99	0.21
19.30	0.16	15,987	180.99	0.21
19.40	0.16	15,973	180.99	0.21
19.50	0.16	15,957	180.99	0.21
19.60	0.16	15,942	180.98	0.21
19.70	0.16	15,926	180.98	0.21
19.80	0.16	15,909	180.98	0.21
19.90	0.16	15,893	180.98	0.21
20.00	0.16	15,876	180.98	0.21
20.10	0.16	15,859	180.97	0.21
20.20	0.16	15,841	180.97	0.20
20.30	0.15	15,823	180.97	0.20
20.40	0.15	15,804	180.97	0.20
20.50	0.15	15,786	180.97	0.20
20.60	0.15	15,767	180.96	0.20
20.70	0.15	15,747	180.96	0.20

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	15,728	180.96	0.20
20.90	0.15	15,708	180.96	0.20
21.00	0.15	15,687	180.96	0.20
21.10	0.15	15,667	180.95	0.20
21.20	0.14	15,646	180.95	0.20
21.30	0.14	15,624	180.95	0.20
21.40	0.14	15,603	180.95	0.20
21.50	0.14	15,581	180.94	0.20
21.60	0.14	15,558	180.94	0.20
21.70	0.14	15,535	180.94	0.20
21.80	0.14	15,512	180.94	0.20
21.90	0.14	15,489	180.93	0.20
22.00	0.14	15,466	180.93	0.20
22.10	0.13	15,441	180.93	0.20
22.20	0.13	15,417	180.93	0.20
22.30	0.13	15,393	180.92	0.20
22.40	0.13	15,368	180.92	0.20
22.50	0.13	15,342	180.92	0.20
22.60	0.13	15,317	180.92	0.20
22.70	0.13	15,291	180.91	0.20
22.80	0.13	15,265	180.91	0.20
22.90	0.13	15,238	180.91	0.20
23.00	0.13	15,211	180.90	0.20
23.10	0.12	15,184	180.90	0.20
23.20	0.12	15,156	180.90	0.20
23.30	0.12	15,128	180.89	0.20
23.40	0.12	15,100	180.89	0.20
23.50	0.12	15,072	180.89	0.20
23.60	0.12	15,043	180.89	0.20
23.70	0.12	15,014	180.88	0.20
23.80	0.12	14,984	180.88	0.20
23.90	0.12	14,955	180.88	0.20
24.00	0.12	14,925	180.87	0.20
24.10	0.10	14,897	180.87	0.20
24.20	0.03	14,848	180.86	0.20
24.30	0.01	14,783	180.86	0.20
24.40	0.00	14,713	180.85	0.20
24.50	0.00	14,643	180.84	0.20
24.60	0.00	14,572	180.83	0.20
24.70	0.00	14,502	180.83	0.20
24.80	0.00	14,432	180.82	0.19
24.90	0.00	14,362	180.81	0.19
25.00	0.00	14,292	180.80	0.19
25.10	0.00	14,223	180.80	0.19
25.20	0.00	14,153	180.79	0.19
25.30	0.00	14,084	180.78	0.19
25.40	0.00	14,015	180.77	0.19
25.50	0.00	13,946	180.76	0.19
25.60	0.00	13,878	180.76	0.19
25.70	0.00	13,810	180.75	0.19
25.80	0.00	13,741	180.74	0.19
25.90	0.00	13,673	180.73	0.19

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,606	180.73	0.19
26.10	0.00	13,538	180.72	0.19
26.20	0.00	13,471	180.71	0.19
26.30	0.00	13,403	180.70	0.19
26.40	0.00	13,336	180.70	0.19
26.50	0.00	13,270	180.69	0.19
26.60	0.00	13,203	180.68	0.18
26.70	0.00	13,137	180.67	0.18
26.80	0.00	13,070	180.67	0.18
26.90	0.00	13,004	180.66	0.18
27.00	0.00	12,939	180.65	0.18
27.10	0.00	12,873	180.64	0.18
27.20	0.00	12,807	180.64	0.18
27.30	0.00	12,742	180.63	0.18
27.40	0.00	12,677	180.62	0.18
27.50	0.00	12,612	180.61	0.18
27.60	0.00	12,548	180.61	0.18
27.70	0.00	12,483	180.60	0.18
27.80	0.00	12,419	180.59	0.18
27.90	0.00	12,355	180.59	0.18
28.00	0.00	12,291	180.58	0.18
28.10	0.00	12,228	180.57	0.18
28.20	0.00	12,164	180.56	0.18
28.30	0.00	12,101	180.56	0.18
28.40	0.00	12,038	180.55	0.17
28.50	0.00	11,975	180.54	0.17
28.60	0.00	11,912	180.53	0.17
28.70	0.00	11,850	180.53	0.17
28.80	0.00	11,788	180.52	0.17
28.90	0.00	11,726	180.51	0.17
29.00	0.00	11,664	180.51	0.17
29.10	0.00	11,602	180.50	0.17
29.20	0.00	11,541	180.49	0.17
29.30	0.00	11,480	180.48	0.17
29.40	0.00	11,419	180.48	0.17
29.50	0.00	11,358	180.47	0.17
29.60	0.00	11,297	180.46	0.17
29.70	0.00	11,237	180.46	0.17
29.80	0.00	11,177	180.45	0.17
29.90	0.00	11,116	180.44	0.17
30.00	0.00	11,057	180.44	0.17
30.10	0.00	10,997	180.43	0.17
30.20	0.00	10,938	180.42	0.16
30.30	0.00	10,878	180.41	0.16
30.40	0.00	10,820	180.41	0.16
30.50	0.00	10,761	180.40	0.16
30.60	0.00	10,702	180.39	0.16
30.70	0.00	10,644	180.39	0.16
30.80	0.00	10,586	180.38	0.16
30.90	0.00	10,528	180.37	0.16
31.00	0.00	10,470	180.37	0.16
31.10	0.00	10,412	180.36	0.16

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,355	180.35	0.16
31.30	0.00	10,298	180.35	0.16
31.40	0.00	10,241	180.34	0.16
31.50	0.00	10,184	180.33	0.16
31.60	0.00	10,128	180.33	0.16
31.70	0.00	10,071	180.32	0.16
31.80	0.00	10,015	180.31	0.16
31.90	0.00	9,959	180.31	0.15
32.00	0.00	9,904	180.30	0.15
32.10	0.00	9,848	180.29	0.15
32.20	0.00	9,793	180.29	0.15
32.30	0.00	9,738	180.28	0.15
32.40	0.00	9,683	180.27	0.15
32.50	0.00	9,628	180.27	0.15
32.60	0.00	9,574	180.26	0.15
32.70	0.00	9,520	180.25	0.15
32.80	0.00	9,466	180.25	0.15
32.90	0.00	9,412	180.24	0.15
33.00	0.00	9,358	180.23	0.15
33.10	0.00	9,305	180.23	0.15
33.20	0.00	9,252	180.22	0.15
33.30	0.00	9,199	180.21	0.15
33.40	0.00	9,146	180.21	0.15
33.50	0.00	9,093	180.20	0.15
33.60	0.00	9,041	180.20	0.15
33.70	0.00	8,989	180.19	0.14
33.80	0.00	8,937	180.18	0.14
33.90	0.00	8,885	180.18	0.14
34.00	0.00	8,834	180.17	0.14
34.10	0.00	8,782	180.16	0.14
34.20	0.00	8,731	180.16	0.14
34.30	0.00	8,680	180.15	0.14
34.40	0.00	8,630	180.15	0.14
34.50	0.00	8,579	180.14	0.14
34.60	0.00	8,529	180.13	0.14
34.70	0.00	8,479	180.13	0.14
34.80	0.00	8,429	180.12	0.14
34.90	0.00	8,380	180.12	0.14
35.00	0.00	8,330	180.11	0.14
35.10	0.00	8,281	180.10	0.14
35.20	0.00	8,232	180.10	0.14
35.30	0.00	8,184	180.09	0.14
35.40	0.00	8,135	180.09	0.13
35.50	0.00	8,087	180.08	0.13
35.60	0.00	8,039	180.07	0.13
35.70	0.00	7,991	180.07	0.13
35.80	0.00	7,943	180.06	0.13
35.90	0.00	7,896	180.06	0.13
36.00	0.00	7,848	180.05	0.13
36.10	0.00	7,801	180.04	0.13
36.20	0.00	7,755	180.04	0.13
36.30	0.00	7,708	180.03	0.13

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,662	180.03	0.13
36.50	0.00	7,616	180.02	0.13
36.60	0.00	7,570	180.02	0.13
36.70	0.00	7,524	180.01	0.13
36.80	0.00	7,478	180.00	0.13
36.90	0.00	7,433	180.00	0.13
37.00	0.00	7,388	179.99	0.12
37.10	0.00	7,343	179.99	0.12
37.20	0.00	7,299	179.98	0.12
37.30	0.00	7,254	179.98	0.12
37.40	0.00	7,210	179.97	0.12
37.50	0.00	7,166	179.97	0.12
37.60	0.00	7,122	179.96	0.12
37.70	0.00	7,079	179.95	0.12
37.80	0.00	7,035	179.95	0.12
37.90	0.00	6,992	179.94	0.12
38.00	0.00	6,949	179.94	0.12
38.10	0.00	6,907	179.93	0.12
38.20	0.00	6,864	179.93	0.12
38.30	0.00	6,822	179.92	0.12
38.40	0.00	6,780	179.92	0.12
38.50	0.00	6,738	179.91	0.12
38.60	0.00	6,697	179.91	0.12
38.70	0.00	6,655	179.90	0.11
38.80	0.00	6,614	179.90	0.11
38.90	0.00	6,573	179.89	0.11
39.00	0.00	6,533	179.89	0.11
39.10	0.00	6,492	179.88	0.11
39.20	0.00	6,452	179.88	0.11
39.30	0.00	6,412	179.87	0.11
39.40	0.00	6,372	179.87	0.11
39.50	0.00	6,333	179.86	0.11
39.60	0.00	6,293	179.86	0.11
39.70	0.00	6,254	179.85	0.11
39.80	0.00	6,215	179.85	0.11
39.90	0.00	6,177	179.84	0.11
40.00	0.00	6,138	179.84	0.11

Stage-Discharge for Pond B-17B: Basin #17B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.05	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.06	180.09	0.13	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.07	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.18
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.14	180.71	0.19
179.16	0.00	179.68	0.08	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.09	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.15	180.82	0.19
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.10	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.00	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.11	180.42	0.16	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.01	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.20
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.02	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.03	179.98	0.12	180.50	0.17	181.02	0.24
179.47	0.04	179.99	0.12	180.51	0.17	181.03	0.28
179.48	0.04	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.17	181.07	0.45

Stage-Discharge for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14	182.12	14.91	182.64	23.69
181.09	0.56	181.61	6.28	182.13	15.09	182.65	24.39
181.10	0.62	181.62	6.43	182.14	15.28	182.66	25.11
181.11	0.69	181.63	6.58	182.15	15.47	182.67	25.85
181.12	0.75	181.64	6.73	182.16	15.67	182.68	26.62
181.13	0.82	181.65	6.88	182.17	15.86	182.69	27.40
181.14	0.90	181.66	7.03	182.18	16.05	182.70	28.21
181.15	0.97	181.67	7.18	182.19	16.24	182.71	29.08
181.16	1.05	181.68	7.33	182.20	16.44	182.72	29.97
181.17	1.13	181.69	7.49	182.21	16.61	182.73	30.89
181.18	1.21	181.70	7.64	182.22	16.63	182.74	31.83
181.19	1.29	181.71	7.80	182.23	16.65	182.75	32.80
181.20	1.38	181.72	7.95	182.24	16.67	182.76	33.79
181.21	1.47	181.73	8.11	182.25	16.70	182.77	34.81
181.22	1.56	181.74	8.27	182.26	16.72	182.78	35.86
181.23	1.65	181.75	8.43	182.27	16.74	182.79	36.92
181.24	1.74	181.76	8.59	182.28	16.76	182.80	38.02
181.25	1.84	181.77	8.75	182.29	16.78	182.81	39.13
181.26	1.93	181.78	8.91	182.30	16.80	182.82	40.28
181.27	2.03	181.79	9.07	182.31	16.82	182.83	41.44
181.28	2.14	181.80	9.24	182.32	16.85	182.84	42.63
181.29	2.24	181.81	9.40	182.33	16.87	182.85	43.85
181.30	2.34	181.82	9.57	182.34	16.89	182.86	45.08
181.31	2.45	181.83	9.74	182.35	16.91	182.87	46.35
181.32	2.56	181.84	9.90	182.36	16.93	182.88	47.63
181.33	2.67	181.85	10.07	182.37	16.95	182.89	48.94
181.34	2.78	181.86	10.24	182.38	16.97	182.90	50.28
181.35	2.89	181.87	10.41	182.39	17.00	182.91	51.67
181.36	3.00	181.88	10.58	182.40	17.02	182.92	53.08
181.37	3.12	181.89	10.75	182.41	17.04	182.93	54.52
181.38	3.24	181.90	10.92	182.42	17.06	182.94	55.98
181.39	3.35	181.91	11.10	182.43	17.08	182.95	57.47
181.40	3.47	181.92	11.27	182.44	17.10	182.96	58.99
181.41	3.60	181.93	11.45	182.45	17.12	182.97	60.53
181.42	3.72	181.94	11.62	182.46	17.14	182.98	62.10
181.43	3.84	181.95	11.80	182.47	17.17	182.99	63.69
181.44	3.97	181.96	11.97	182.48	17.19	183.00	65.31
181.45	4.09	181.97	12.15	182.49	17.21		
181.46	4.22	181.98	12.33	182.50	17.23		
181.47	4.35	181.99	12.51	182.51	17.37		
181.48	4.48	182.00	12.69	182.52	17.60		
181.49	4.61	182.01	12.87	182.53	17.90		
181.50	4.75	182.02	13.05	182.54	18.25		
181.51	4.88	182.03	13.23	182.55	18.64		
181.52	5.02	182.04	13.42	182.56	19.08		
181.53	5.15	182.05	13.60	182.57	19.55		
181.54	5.29	182.06	13.79	182.58	20.05		
181.55	5.43	182.07	13.97	182.59	20.59		
181.56	5.57	182.08	14.16	182.60	21.16		
181.57	5.71	182.09	14.34	182.61	21.75		
181.58	5.85	182.10	14.53	182.62	22.37		
181.59	5.99	182.11	14.72	182.63	23.02		

Stage-Area-Storage for Pond B-17B: Basin #17B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	6,855	0	179.52	7,468	3,724
179.01	6,867	69	179.53	7,479	3,799
179.02	6,879	137	179.54	7,491	3,873
179.03	6,890	206	179.55	7,503	3,948
179.04	6,902	275	179.56	7,515	4,024
179.05	6,914	344	179.57	7,526	4,099
179.06	6,926	413	179.58	7,538	4,174
179.07	6,937	483	179.59	7,550	4,249
179.08	6,949	552	179.60	7,562	4,325
179.09	6,961	622	179.61	7,574	4,401
179.10	6,973	691	179.62	7,585	4,477
179.11	6,985	761	179.63	7,597	4,552
179.12	6,996	831	179.64	7,609	4,628
179.13	7,008	901	179.65	7,621	4,705
179.14	7,020	971	179.66	7,632	4,781
179.15	7,032	1,042	179.67	7,644	4,857
179.16	7,043	1,112	179.68	7,656	4,934
179.17	7,055	1,182	179.69	7,668	5,010
179.18	7,067	1,253	179.70	7,680	5,087
179.19	7,079	1,324	179.71	7,691	5,164
179.20	7,091	1,395	179.72	7,703	5,241
179.21	7,102	1,466	179.73	7,715	5,318
179.22	7,114	1,537	179.74	7,727	5,395
179.23	7,126	1,608	179.75	7,739	5,473
179.24	7,138	1,679	179.76	7,750	5,550
179.25	7,150	1,751	179.77	7,762	5,628
179.26	7,161	1,822	179.78	7,774	5,705
179.27	7,173	1,894	179.79	7,786	5,783
179.28	7,185	1,966	179.80	7,797	5,861
179.29	7,197	2,037	179.81	7,809	5,939
179.30	7,208	2,110	179.82	7,821	6,017
179.31	7,220	2,182	179.83	7,833	6,095
179.32	7,232	2,254	179.84	7,845	6,174
179.33	7,244	2,326	179.85	7,856	6,252
179.34	7,256	2,399	179.86	7,868	6,331
179.35	7,267	2,471	179.87	7,880	6,410
179.36	7,279	2,544	179.88	7,892	6,489
179.37	7,291	2,617	179.89	7,903	6,567
179.38	7,303	2,690	179.90	7,915	6,647
179.39	7,314	2,763	179.91	7,927	6,726
179.40	7,326	2,836	179.92	7,939	6,805
179.41	7,338	2,910	179.93	7,951	6,885
179.42	7,350	2,983	179.94	7,962	6,964
179.43	7,362	3,057	179.95	7,974	7,044
179.44	7,373	3,130	179.96	7,986	7,124
179.45	7,385	3,204	179.97	7,998	7,204
179.46	7,397	3,278	179.98	8,009	7,284
179.47	7,409	3,352	179.99	8,021	7,364
179.48	7,420	3,426	180.00	8,033	7,444
179.49	7,432	3,500	180.01	8,045	7,524
179.50	7,444	3,575	180.02	8,058	7,605
179.51	7,456	3,649	180.03	8,070	7,686

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	8,082	7,766	180.56	8,725	12,136
180.05	8,095	7,847	180.57	8,737	12,223
180.06	8,107	7,928	180.58	8,749	12,311
180.07	8,119	8,009	180.59	8,762	12,398
180.08	8,132	8,091	180.60	8,774	12,486
180.09	8,144	8,172	180.61	8,786	12,574
180.10	8,156	8,253	180.62	8,799	12,662
180.11	8,169	8,335	180.63	8,811	12,750
180.12	8,181	8,417	180.64	8,823	12,838
180.13	8,194	8,499	180.65	8,836	12,926
180.14	8,206	8,581	180.66	8,848	13,015
180.15	8,218	8,663	180.67	8,860	13,103
180.16	8,231	8,745	180.68	8,873	13,192
180.17	8,243	8,827	180.69	8,885	13,281
180.18	8,255	8,910	180.70	8,897	13,370
180.19	8,268	8,993	180.71	8,910	13,459
180.20	8,280	9,075	180.72	8,922	13,548
180.21	8,292	9,158	180.73	8,935	13,637
180.22	8,305	9,241	180.74	8,947	13,727
180.23	8,317	9,324	180.75	8,959	13,816
180.24	8,329	9,407	180.76	8,972	13,906
180.25	8,342	9,491	180.77	8,984	13,996
180.26	8,354	9,574	180.78	8,996	14,085
180.27	8,366	9,658	180.79	9,009	14,175
180.28	8,379	9,742	180.80	9,021	14,266
180.29	8,391	9,826	180.81	9,033	14,356
180.30	8,404	9,909	180.82	9,046	14,446
180.31	8,416	9,994	180.83	9,058	14,537
180.32	8,428	10,078	180.84	9,070	14,627
180.33	8,441	10,162	180.85	9,083	14,718
180.34	8,453	10,247	180.86	9,095	14,809
180.35	8,465	10,331	180.87	9,107	14,900
180.36	8,478	10,416	180.88	9,120	14,991
180.37	8,490	10,501	180.89	9,132	15,082
180.38	8,502	10,586	180.90	9,145	15,174
180.39	8,515	10,671	180.91	9,157	15,265
180.40	8,527	10,756	180.92	9,169	15,357
180.41	8,539	10,841	180.93	9,182	15,449
180.42	8,552	10,927	180.94	9,194	15,541
180.43	8,564	11,012	180.95	9,206	15,633
180.44	8,576	11,098	180.96	9,219	15,725
180.45	8,589	11,184	180.97	9,231	15,817
180.46	8,601	11,270	180.98	9,243	15,909
180.47	8,613	11,356	180.99	9,256	16,002
180.48	8,626	11,442	181.00	9,268	16,095
180.49	8,638	11,528	181.01	9,281	16,187
180.50	8,651	11,615	181.02	9,294	16,280
180.51	8,663	11,701	181.03	9,307	16,373
180.52	8,675	11,788	181.04	9,320	16,466
180.53	8,688	11,875	181.05	9,333	16,560
180.54	8,700	11,962	181.06	9,346	16,653
180.55	8,712	12,049	181.07	9,358	16,746

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	9,371	16,840	181.60	10,043	21,888
181.09	9,384	16,934	181.61	10,056	21,988
181.10	9,397	17,028	181.62	10,069	22,089
181.11	9,410	17,122	181.63	10,082	22,190
181.12	9,423	17,216	181.64	10,095	22,291
181.13	9,436	17,310	181.65	10,108	22,392
181.14	9,449	17,405	181.66	10,121	22,493
181.15	9,462	17,499	181.67	10,134	22,594
181.16	9,475	17,594	181.68	10,147	22,695
181.17	9,488	17,689	181.69	10,159	22,797
181.18	9,501	17,784	181.70	10,172	22,899
181.19	9,513	17,879	181.71	10,185	23,000
181.20	9,526	17,974	181.72	10,198	23,102
181.21	9,539	18,069	181.73	10,211	23,204
181.22	9,552	18,165	181.74	10,224	23,307
181.23	9,565	18,260	181.75	10,237	23,409
181.24	9,578	18,356	181.76	10,250	23,511
181.25	9,591	18,452	181.77	10,263	23,614
181.26	9,604	18,548	181.78	10,276	23,717
181.27	9,617	18,644	181.79	10,289	23,819
181.28	9,630	18,740	181.80	10,302	23,922
181.29	9,643	18,837	181.81	10,315	24,025
181.30	9,656	18,933	181.82	10,327	24,129
181.31	9,669	19,030	181.83	10,340	24,232
181.32	9,681	19,126	181.84	10,353	24,335
181.33	9,694	19,223	181.85	10,366	24,439
181.34	9,707	19,320	181.86	10,379	24,543
181.35	9,720	19,417	181.87	10,392	24,647
181.36	9,733	19,515	181.88	10,405	24,751
181.37	9,746	19,612	181.89	10,418	24,855
181.38	9,759	19,710	181.90	10,431	24,959
181.39	9,772	19,807	181.91	10,444	25,063
181.40	9,785	19,905	181.92	10,457	25,168
181.41	9,798	20,003	181.93	10,470	25,272
181.42	9,811	20,101	181.94	10,482	25,377
181.43	9,824	20,199	181.95	10,495	25,482
181.44	9,836	20,297	181.96	10,508	25,587
181.45	9,849	20,396	181.97	10,521	25,692
181.46	9,862	20,494	181.98	10,534	25,798
181.47	9,875	20,593	181.99	10,547	25,903
181.48	9,888	20,692	182.00	10,560	26,009
181.49	9,901	20,791	182.01	10,573	26,114
181.50	9,914	20,890	182.02	10,587	26,220
181.51	9,927	20,989	182.03	10,600	26,326
181.52	9,940	21,089	182.04	10,614	26,432
181.53	9,953	21,188	182.05	10,627	26,538
181.54	9,966	21,288	182.06	10,641	26,645
181.55	9,979	21,387	182.07	10,654	26,751
181.56	9,992	21,487	182.08	10,668	26,858
181.57	10,004	21,587	182.09	10,681	26,964
181.58	10,017	21,687	182.10	10,695	27,071
181.59	10,030	21,787	182.11	10,708	27,178

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	10,722	27,285	182.64	11,422	33,043
182.13	10,735	27,393	182.65	11,436	33,157
182.14	10,749	27,500	182.66	11,449	33,271
182.15	10,762	27,608	182.67	11,462	33,386
182.16	10,776	27,715	182.68	11,476	33,501
182.17	10,789	27,823	182.69	11,489	33,616
182.18	10,802	27,931	182.70	11,503	33,731
182.19	10,816	28,039	182.71	11,516	33,846
182.20	10,829	28,147	182.72	11,530	33,961
182.21	10,843	28,256	182.73	11,543	34,076
182.22	10,856	28,364	182.74	11,557	34,192
182.23	10,870	28,473	182.75	11,570	34,307
182.24	10,883	28,582	182.76	11,584	34,423
182.25	10,897	28,691	182.77	11,597	34,539
182.26	10,910	28,800	182.78	11,611	34,655
182.27	10,924	28,909	182.79	11,624	34,771
182.28	10,937	29,018	182.80	11,638	34,888
182.29	10,951	29,128	182.81	11,651	35,004
182.30	10,964	29,237	182.82	11,665	35,121
182.31	10,978	29,347	182.83	11,678	35,237
182.32	10,991	29,457	182.84	11,691	35,354
182.33	11,005	29,567	182.85	11,705	35,471
182.34	11,018	29,677	182.86	11,718	35,588
182.35	11,031	29,787	182.87	11,732	35,705
182.36	11,045	29,897	182.88	11,745	35,823
182.37	11,058	30,008	182.89	11,759	35,940
182.38	11,072	30,119	182.90	11,772	36,058
182.39	11,085	30,229	182.91	11,786	36,176
182.40	11,099	30,340	182.92	11,799	36,294
182.41	11,112	30,451	182.93	11,813	36,412
182.42	11,126	30,563	182.94	11,826	36,530
182.43	11,139	30,674	182.95	11,840	36,648
182.44	11,153	30,785	182.96	11,853	36,767
182.45	11,166	30,897	182.97	11,867	36,885
182.46	11,180	31,009	182.98	11,880	37,004
182.47	11,193	31,120	182.99	11,894	37,123
182.48	11,207	31,232	183.00	11,907	37,242
182.49	11,220	31,345			
182.50	11,234	31,457			
182.51	11,247	31,569			
182.52	11,260	31,682			
182.53	11,274	31,794			
182.54	11,287	31,907			
182.55	11,301	32,020			
182.56	11,314	32,133			
182.57	11,328	32,247			
182.58	11,341	32,360			
182.59	11,355	32,473			
182.60	11,368	32,587			
182.61	11,382	32,701			
182.62	11,395	32,815			
182.63	11,409	32,929			

Summary for Pond B-2: Basin #2

Inflow Area = 1.894 ac, 38.23% Impervious, Inflow Depth = 6.42" for Current 100 yr event
 Inflow = 12.41 cfs @ 12.17 hrs, Volume= 1.014 af
 Outflow = 6.77 cfs @ 12.32 hrs, Volume= 0.911 af, Atten= 45%, Lag= 8.9 min
 Primary = 6.77 cfs @ 12.32 hrs, Volume= 0.911 af
 Routed to Pond B-1 : Basin #1

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 211.00' @ 12.32 hrs Surf.Area= 9,387 sf Storage= 16,847 cf

Plug-Flow detention time= 261.0 min calculated for 0.911 af (90% of inflow)
 Center-of-Mass det. time= 208.9 min (992.7 - 783.8)

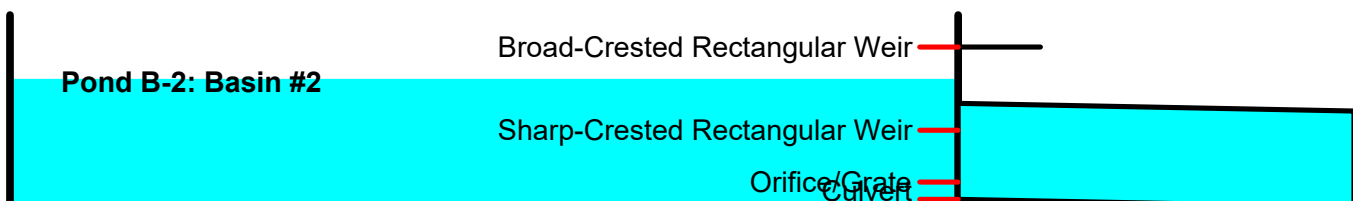
Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	26,760 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	7,501	0	0
210.00	8,431	7,966	7,966
211.00	9,390	8,911	16,877
212.00	10,376	9,883	26,760

Device	Routing	Invert	Outlet Devices
#1	Primary	209.12'	18.0" Round Culvert L= 24.0' Ke= 1.000 Inlet / Outlet Invert= 209.12' / 209.00' S= 0.0050 ' S= 0.0050 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	209.39'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	210.20'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

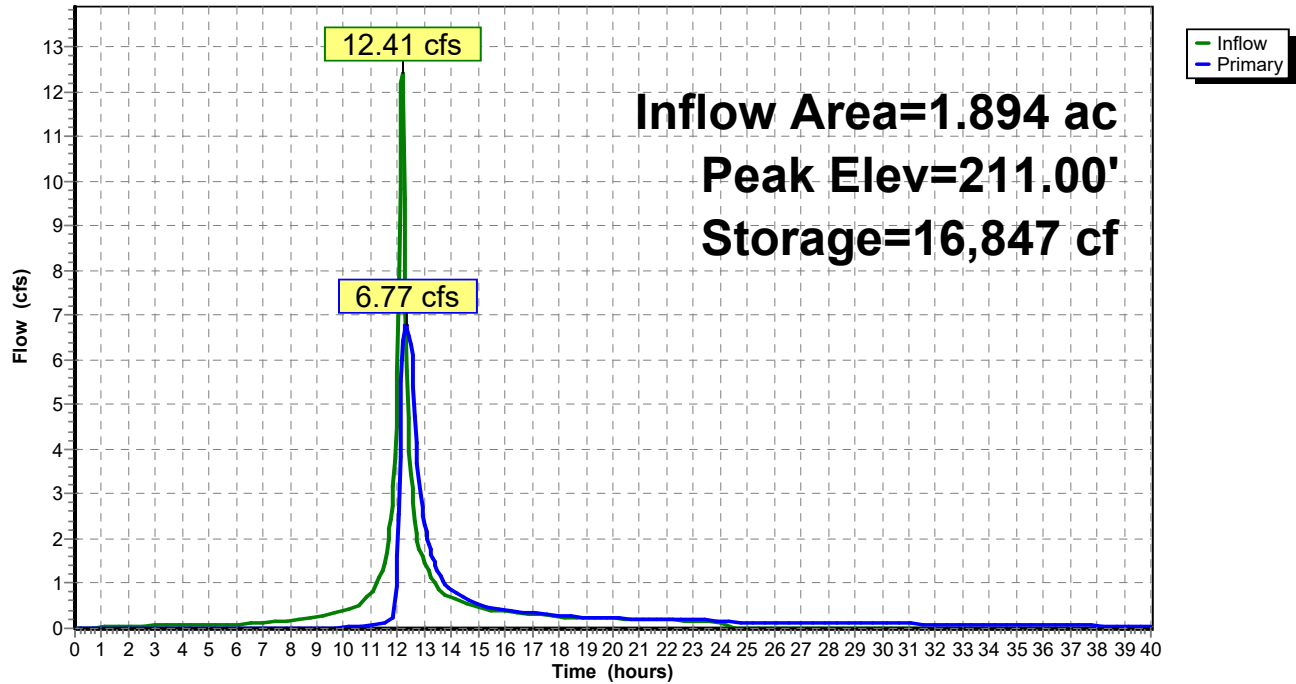
Primary OutFlow Max=6.76 cfs @ 12.32 hrs HW=210.99' (Free Discharge)

1=Culvert (Inlet Controls 6.76 cfs @ 3.83 fps)
 2=Orifice/Grate (Passes < 0.20 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 8.86 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-2: Basin #2

Hydrograph



Hydrograph for Pond B-2: Basin #2

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.01	2	209.00	0.00
0.80	0.01	5	209.00	0.00
0.90	0.02	9	209.00	0.00
1.00	0.02	15	209.00	0.00
1.10	0.02	23	209.00	0.00
1.20	0.03	32	209.00	0.00
1.30	0.03	42	209.01	0.00
1.40	0.03	53	209.01	0.00
1.50	0.04	65	209.01	0.00
1.60	0.04	79	209.01	0.00
1.70	0.04	93	209.01	0.00
1.80	0.04	108	209.01	0.00
1.90	0.05	124	209.02	0.00
2.00	0.05	140	209.02	0.00
2.10	0.05	158	209.02	0.00
2.20	0.05	175	209.02	0.00
2.30	0.05	194	209.03	0.00
2.40	0.05	213	209.03	0.00
2.50	0.06	233	209.03	0.00
2.60	0.06	254	209.03	0.00
2.70	0.06	275	209.04	0.00
2.80	0.06	296	209.04	0.00
2.90	0.06	318	209.04	0.00
3.00	0.06	341	209.05	0.00
3.10	0.06	364	209.05	0.00
3.20	0.07	387	209.05	0.00
3.30	0.07	411	209.05	0.00
3.40	0.07	435	209.06	0.00
3.50	0.07	460	209.06	0.00
3.60	0.07	485	209.06	0.00
3.70	0.07	511	209.07	0.00
3.80	0.07	537	209.07	0.00
3.90	0.07	563	209.07	0.00
4.00	0.07	590	209.08	0.00
4.10	0.08	617	209.08	0.00
4.20	0.08	644	209.09	0.00
4.30	0.08	672	209.09	0.00
4.40	0.08	701	209.09	0.00
4.50	0.08	729	209.10	0.00
4.60	0.08	758	209.10	0.00
4.70	0.08	787	209.10	0.00
4.80	0.08	817	209.11	0.00
4.90	0.08	846	209.11	0.00
5.00	0.08	876	209.12	0.00
5.10	0.08	907	209.12	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	938	209.12	0.00
5.30	0.09	969	209.13	0.00
5.40	0.09	1,000	209.13	0.00
5.50	0.09	1,032	209.14	0.00
5.60	0.09	1,064	209.14	0.00
5.70	0.09	1,096	209.14	0.00
5.80	0.09	1,128	209.15	0.00
5.90	0.09	1,161	209.15	0.00
6.00	0.09	1,194	209.16	0.00
6.10	0.09	1,228	209.16	0.00
6.20	0.10	1,262	209.17	0.00
6.30	0.10	1,297	209.17	0.00
6.40	0.10	1,332	209.18	0.00
6.50	0.10	1,369	209.18	0.00
6.60	0.11	1,408	209.19	0.00
6.70	0.11	1,448	209.19	0.00
6.80	0.12	1,489	209.20	0.00
6.90	0.12	1,532	209.20	0.00
7.00	0.13	1,576	209.21	0.00
7.10	0.13	1,623	209.21	0.00
7.20	0.14	1,670	209.22	0.00
7.30	0.14	1,720	209.23	0.00
7.40	0.14	1,771	209.23	0.00
7.50	0.15	1,824	209.24	0.00
7.60	0.15	1,878	209.25	0.00
7.70	0.16	1,934	209.25	0.00
7.80	0.16	1,993	209.26	0.00
7.90	0.17	2,052	209.27	0.00
8.00	0.17	2,114	209.28	0.00
8.10	0.18	2,178	209.29	0.00
8.20	0.18	2,244	209.29	0.00
8.30	0.19	2,311	209.30	0.00
8.40	0.20	2,380	209.31	0.00
8.50	0.20	2,452	209.32	0.00
8.60	0.21	2,525	209.33	0.00
8.70	0.21	2,601	209.34	0.00
8.80	0.22	2,678	209.35	0.00
8.90	0.22	2,758	209.36	0.00
9.00	0.23	2,840	209.37	0.00
9.10	0.24	2,924	209.38	0.00
9.20	0.25	3,012	209.39	0.00
9.30	0.27	3,105	209.40	0.00
9.40	0.28	3,203	209.42	0.00
9.50	0.30	3,307	209.43	0.00
9.60	0.32	3,416	209.44	0.01
9.70	0.33	3,531	209.46	0.01
9.80	0.35	3,651	209.47	0.01
9.90	0.37	3,775	209.49	0.02
10.00	0.39	3,904	209.50	0.02
10.10	0.41	4,038	209.52	0.03
10.20	0.43	4,177	209.54	0.03
10.30	0.45	4,321	209.56	0.04

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.47	4,469	209.58	0.05
10.50	0.49	4,623	209.59	0.05
10.60	0.52	4,783	209.61	0.06
10.70	0.57	4,958	209.64	0.06
10.80	0.64	5,152	209.66	0.07
10.90	0.71	5,369	209.69	0.07
11.00	0.78	5,609	209.72	0.08
11.10	0.86	5,873	209.75	0.08
11.20	0.98	6,173	209.78	0.09
11.30	1.11	6,516	209.83	0.09
11.40	1.25	6,906	209.87	0.10
11.50	1.39	7,343	209.93	0.11
11.60	1.69	7,845	209.99	0.12
11.70	2.24	8,513	210.06	0.12
11.80	2.74	9,353	210.16	0.13
11.90	3.73	10,415	210.29	0.48
12.00	5.73	11,716	210.43	1.62
12.10	9.83	13,502	210.63	3.83
12.20	11.99	15,747	210.88	6.41
12.30	7.29	16,822	210.99	6.77
12.40	4.69	16,512	210.96	6.67
12.50	3.45	15,607	210.86	6.36
12.60	2.80	14,576	210.75	5.40
12.70	2.12	13,739	210.66	4.16
12.80	1.82	13,108	210.59	3.30
12.90	1.64	12,655	210.54	2.71
13.00	1.48	12,317	210.50	2.30
13.10	1.33	12,051	210.47	1.99
13.20	1.19	11,831	210.45	1.75
13.30	1.09	11,647	210.43	1.55
13.40	1.00	11,494	210.41	1.39
13.50	0.92	11,361	210.39	1.26
13.60	0.83	11,243	210.38	1.15
13.70	0.76	11,134	210.37	1.05
13.80	0.73	11,040	210.36	0.96
13.90	0.70	10,964	210.35	0.90
14.00	0.68	10,900	210.34	0.84
14.10	0.66	10,846	210.34	0.80
14.20	0.64	10,799	210.33	0.76
14.30	0.62	10,758	210.33	0.73
14.40	0.59	10,720	210.32	0.70
14.50	0.57	10,685	210.32	0.67
14.60	0.55	10,651	210.31	0.64
14.70	0.53	10,618	210.31	0.62
14.80	0.51	10,585	210.31	0.60
14.90	0.49	10,553	210.30	0.57
15.00	0.46	10,522	210.30	0.55
15.10	0.44	10,491	210.29	0.53
15.20	0.42	10,460	210.29	0.50
15.30	0.41	10,432	210.29	0.49
15.40	0.41	10,407	210.28	0.47
15.50	0.40	10,386	210.28	0.46

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.39	10,367	210.28	0.45
15.70	0.39	10,349	210.28	0.43
15.80	0.38	10,334	210.28	0.42
15.90	0.38	10,319	210.27	0.42
16.00	0.37	10,306	210.27	0.41
16.10	0.37	10,293	210.27	0.40
16.20	0.36	10,281	210.27	0.39
16.30	0.35	10,270	210.27	0.38
16.40	0.35	10,259	210.27	0.38
16.50	0.34	10,248	210.27	0.37
16.60	0.34	10,238	210.27	0.36
16.70	0.33	10,228	210.26	0.36
16.80	0.32	10,218	210.26	0.35
16.90	0.32	10,208	210.26	0.35
17.00	0.31	10,198	210.26	0.34
17.10	0.31	10,188	210.26	0.33
17.20	0.30	10,178	210.26	0.33
17.30	0.30	10,168	210.26	0.32
17.40	0.29	10,157	210.26	0.32
17.50	0.28	10,146	210.25	0.31
17.60	0.28	10,135	210.25	0.31
17.70	0.27	10,124	210.25	0.30
17.80	0.27	10,113	210.25	0.30
17.90	0.26	10,101	210.25	0.29
18.00	0.25	10,090	210.25	0.29
18.10	0.25	10,078	210.25	0.28
18.20	0.24	10,067	210.25	0.27
18.30	0.24	10,056	210.24	0.27
18.40	0.24	10,046	210.24	0.26
18.50	0.24	10,037	210.24	0.26
18.60	0.24	10,029	210.24	0.26
18.70	0.23	10,022	210.24	0.25
18.80	0.23	10,016	210.24	0.25
18.90	0.23	10,010	210.24	0.25
19.00	0.23	10,004	210.24	0.24
19.10	0.23	9,999	210.24	0.24
19.20	0.23	9,995	210.24	0.24
19.30	0.23	9,990	210.24	0.24
19.40	0.22	9,986	210.24	0.24
19.50	0.22	9,982	210.24	0.23
19.60	0.22	9,978	210.24	0.23
19.70	0.22	9,974	210.24	0.23
19.80	0.22	9,971	210.23	0.23
19.90	0.22	9,968	210.23	0.23
20.00	0.22	9,964	210.23	0.23
20.10	0.21	9,961	210.23	0.22
20.20	0.21	9,958	210.23	0.22
20.30	0.21	9,954	210.23	0.22
20.40	0.21	9,951	210.23	0.22
20.50	0.21	9,948	210.23	0.22
20.60	0.21	9,945	210.23	0.22
20.70	0.21	9,942	210.23	0.21

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	9,939	210.23	0.21
20.90	0.20	9,935	210.23	0.21
21.00	0.20	9,932	210.23	0.21
21.10	0.20	9,929	210.23	0.21
21.20	0.20	9,926	210.23	0.21
21.30	0.20	9,922	210.23	0.21
21.40	0.20	9,919	210.23	0.21
21.50	0.19	9,915	210.23	0.20
21.60	0.19	9,911	210.23	0.20
21.70	0.19	9,907	210.23	0.20
21.80	0.19	9,903	210.23	0.20
21.90	0.19	9,898	210.23	0.20
22.00	0.19	9,894	210.23	0.20
22.10	0.18	9,889	210.23	0.20
22.20	0.18	9,885	210.22	0.20
22.30	0.18	9,880	210.22	0.19
22.40	0.18	9,875	210.22	0.19
22.50	0.18	9,871	210.22	0.19
22.60	0.18	9,866	210.22	0.19
22.70	0.18	9,861	210.22	0.19
22.80	0.17	9,856	210.22	0.19
22.90	0.17	9,851	210.22	0.19
23.00	0.17	9,846	210.22	0.19
23.10	0.17	9,841	210.22	0.18
23.20	0.17	9,835	210.22	0.18
23.30	0.17	9,830	210.22	0.18
23.40	0.17	9,825	210.22	0.18
23.50	0.16	9,820	210.22	0.18
23.60	0.16	9,815	210.22	0.18
23.70	0.16	9,809	210.22	0.18
23.80	0.16	9,804	210.22	0.17
23.90	0.16	9,799	210.21	0.17
24.00	0.17	9,795	210.21	0.17
24.10	0.14	9,791	210.21	0.17
24.20	0.04	9,762	210.21	0.16
24.30	0.01	9,714	210.20	0.15
24.40	0.00	9,664	210.20	0.14
24.50	0.00	9,615	210.19	0.14
24.60	0.00	9,566	210.19	0.14
24.70	0.00	9,516	210.18	0.14
24.80	0.00	9,468	210.18	0.14
24.90	0.00	9,419	210.17	0.13
25.00	0.00	9,370	210.17	0.13
25.10	0.00	9,322	210.16	0.13
25.20	0.00	9,274	210.15	0.13
25.30	0.00	9,226	210.15	0.13
25.40	0.00	9,178	210.14	0.13
25.50	0.00	9,131	210.14	0.13
25.60	0.00	9,084	210.13	0.13
25.70	0.00	9,037	210.13	0.13
25.80	0.00	8,990	210.12	0.13
25.90	0.00	8,943	210.12	0.13

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,897	210.11	0.13
26.10	0.00	8,850	210.10	0.13
26.20	0.00	8,804	210.10	0.13
26.30	0.00	8,758	210.09	0.13
26.40	0.00	8,713	210.09	0.13
26.50	0.00	8,667	210.08	0.13
26.60	0.00	8,622	210.08	0.13
26.70	0.00	8,577	210.07	0.12
26.80	0.00	8,532	210.07	0.12
26.90	0.00	8,488	210.06	0.12
27.00	0.00	8,443	210.06	0.12
27.10	0.00	8,399	210.05	0.12
27.20	0.00	8,355	210.05	0.12
27.30	0.00	8,311	210.04	0.12
27.40	0.00	8,268	210.04	0.12
27.50	0.00	8,224	210.03	0.12
27.60	0.00	8,181	210.03	0.12
27.70	0.00	8,138	210.02	0.12
27.80	0.00	8,095	210.02	0.12
27.90	0.00	8,053	210.01	0.12
28.00	0.00	8,011	210.01	0.12
28.10	0.00	7,968	210.00	0.12
28.20	0.00	7,926	210.00	0.12
28.30	0.00	7,885	209.99	0.12
28.40	0.00	7,843	209.99	0.12
28.50	0.00	7,802	209.98	0.11
28.60	0.00	7,761	209.98	0.11
28.70	0.00	7,720	209.97	0.11
28.80	0.00	7,679	209.97	0.11
28.90	0.00	7,639	209.96	0.11
29.00	0.00	7,599	209.96	0.11
29.10	0.00	7,558	209.95	0.11
29.20	0.00	7,519	209.95	0.11
29.30	0.00	7,479	209.94	0.11
29.40	0.00	7,440	209.94	0.11
29.50	0.00	7,400	209.93	0.11
29.60	0.00	7,361	209.93	0.11
29.70	0.00	7,322	209.92	0.11
29.80	0.00	7,284	209.92	0.11
29.90	0.00	7,245	209.91	0.11
30.00	0.00	7,207	209.91	0.11
30.10	0.00	7,169	209.91	0.11
30.20	0.00	7,132	209.90	0.10
30.30	0.00	7,094	209.90	0.10
30.40	0.00	7,057	209.89	0.10
30.50	0.00	7,020	209.89	0.10
30.60	0.00	6,983	209.88	0.10
30.70	0.00	6,946	209.88	0.10
30.80	0.00	6,909	209.87	0.10
30.90	0.00	6,873	209.87	0.10
31.00	0.00	6,837	209.87	0.10
31.10	0.00	6,801	209.86	0.10

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,765	209.86	0.10
31.30	0.00	6,730	209.85	0.10
31.40	0.00	6,695	209.85	0.10
31.50	0.00	6,660	209.84	0.10
31.60	0.00	6,625	209.84	0.10
31.70	0.00	6,590	209.84	0.10
31.80	0.00	6,556	209.83	0.10
31.90	0.00	6,522	209.83	0.09
32.00	0.00	6,488	209.82	0.09
32.10	0.00	6,454	209.82	0.09
32.20	0.00	6,420	209.81	0.09
32.30	0.00	6,387	209.81	0.09
32.40	0.00	6,354	209.81	0.09
32.50	0.00	6,321	209.80	0.09
32.60	0.00	6,288	209.80	0.09
32.70	0.00	6,256	209.79	0.09
32.80	0.00	6,223	209.79	0.09
32.90	0.00	6,191	209.79	0.09
33.00	0.00	6,160	209.78	0.09
33.10	0.00	6,128	209.78	0.09
33.20	0.00	6,096	209.78	0.09
33.30	0.00	6,065	209.77	0.09
33.40	0.00	6,034	209.77	0.09
33.50	0.00	6,003	209.76	0.09
33.60	0.00	5,973	209.76	0.08
33.70	0.00	5,942	209.76	0.08
33.80	0.00	5,912	209.75	0.08
33.90	0.00	5,882	209.75	0.08
34.00	0.00	5,853	209.75	0.08
34.10	0.00	5,823	209.74	0.08
34.20	0.00	5,794	209.74	0.08
34.30	0.00	5,765	209.74	0.08
34.40	0.00	5,736	209.73	0.08
34.50	0.00	5,707	209.73	0.08
34.60	0.00	5,679	209.72	0.08
34.70	0.00	5,650	209.72	0.08
34.80	0.00	5,622	209.72	0.08
34.90	0.00	5,595	209.71	0.08
35.00	0.00	5,567	209.71	0.08
35.10	0.00	5,540	209.71	0.08
35.20	0.00	5,512	209.70	0.08
35.30	0.00	5,485	209.70	0.07
35.40	0.00	5,459	209.70	0.07
35.50	0.00	5,432	209.69	0.07
35.60	0.00	5,406	209.69	0.07
35.70	0.00	5,380	209.69	0.07
35.80	0.00	5,354	209.68	0.07
35.90	0.00	5,328	209.68	0.07
36.00	0.00	5,303	209.68	0.07
36.10	0.00	5,278	209.68	0.07
36.20	0.00	5,253	209.67	0.07
36.30	0.00	5,228	209.67	0.07

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,203	209.67	0.07
36.50	0.00	5,179	209.66	0.07
36.60	0.00	5,155	209.66	0.07
36.70	0.00	5,131	209.66	0.07
36.80	0.00	5,107	209.65	0.07
36.90	0.00	5,083	209.65	0.07
37.00	0.00	5,060	209.65	0.06
37.10	0.00	5,037	209.65	0.06
37.20	0.00	5,014	209.64	0.06
37.30	0.00	4,991	209.64	0.06
37.40	0.00	4,969	209.64	0.06
37.50	0.00	4,947	209.63	0.06
37.60	0.00	4,925	209.63	0.06
37.70	0.00	4,903	209.63	0.06
37.80	0.00	4,881	209.63	0.06
37.90	0.00	4,860	209.62	0.06
38.00	0.00	4,839	209.62	0.06
38.10	0.00	4,818	209.62	0.06
38.20	0.00	4,797	209.62	0.06
38.30	0.00	4,777	209.61	0.06
38.40	0.00	4,757	209.61	0.06
38.50	0.00	4,736	209.61	0.06
38.60	0.00	4,717	209.61	0.05
38.70	0.00	4,697	209.60	0.05
38.80	0.00	4,678	209.60	0.05
38.90	0.00	4,658	209.60	0.05
39.00	0.00	4,639	209.60	0.05
39.10	0.00	4,621	209.59	0.05
39.20	0.00	4,602	209.59	0.05
39.30	0.00	4,584	209.59	0.05
39.40	0.00	4,566	209.59	0.05
39.50	0.00	4,548	209.59	0.05
39.60	0.00	4,530	209.58	0.05
39.70	0.00	4,513	209.58	0.05
39.80	0.00	4,496	209.58	0.05
39.90	0.00	4,478	209.58	0.05
40.00	0.00	4,462	209.57	0.05

Stage-Discharge for Pond B-2: Basin #2

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.03	210.04	0.12	210.56	2.94
209.01	0.00	209.53	0.03	210.05	0.12	210.57	3.06
209.02	0.00	209.54	0.03	210.06	0.12	210.58	3.18
209.03	0.00	209.55	0.04	210.07	0.12	210.59	3.30
209.04	0.00	209.56	0.04	210.08	0.13	210.60	3.42
209.05	0.00	209.57	0.05	210.09	0.13	210.61	3.54
209.06	0.00	209.58	0.05	210.10	0.13	210.62	3.66
209.07	0.00	209.59	0.05	210.11	0.13	210.63	3.78
209.08	0.00	209.60	0.05	210.12	0.13	210.64	3.91
209.09	0.00	209.61	0.06	210.13	0.13	210.65	4.04
209.10	0.00	209.62	0.06	210.14	0.13	210.66	4.16
209.11	0.00	209.63	0.06	210.15	0.13	210.67	4.29
209.12	0.00	209.64	0.06	210.16	0.13	210.68	4.42
209.13	0.00	209.65	0.06	210.17	0.13	210.69	4.56
209.14	0.00	209.66	0.07	210.18	0.14	210.70	4.69
209.15	0.00	209.67	0.07	210.19	0.14	210.71	4.82
209.16	0.00	209.68	0.07	210.20	0.14	210.72	4.96
209.17	0.00	209.69	0.07	210.21	0.15	210.73	5.10
209.18	0.00	209.70	0.07	210.22	0.18	210.74	5.23
209.19	0.00	209.71	0.08	210.23	0.21	210.75	5.37
209.20	0.00	209.72	0.08	210.24	0.25	210.76	5.51
209.21	0.00	209.73	0.08	210.25	0.29	210.77	5.65
209.22	0.00	209.74	0.08	210.26	0.34	210.78	5.80
209.23	0.00	209.75	0.08	210.27	0.39	210.79	5.94
209.24	0.00	209.76	0.08	210.28	0.44	210.80	6.08
209.25	0.00	209.77	0.09	210.29	0.50	210.81	6.16
209.26	0.00	209.78	0.09	210.30	0.56	210.82	6.20
209.27	0.00	209.79	0.09	210.31	0.62	210.83	6.25
209.28	0.00	209.80	0.09	210.32	0.69	210.84	6.29
209.29	0.00	209.81	0.09	210.33	0.76	210.85	6.32
209.30	0.00	209.82	0.09	210.34	0.83	210.86	6.35
209.31	0.00	209.83	0.10	210.35	0.91	210.87	6.38
209.32	0.00	209.84	0.10	210.36	0.98	210.88	6.41
209.33	0.00	209.85	0.10	210.37	1.06	210.89	6.45
209.34	0.00	209.86	0.10	210.38	1.14	210.90	6.48
209.35	0.00	209.87	0.10	210.39	1.23	210.91	6.51
209.36	0.00	209.88	0.10	210.40	1.31	210.92	6.54
209.37	0.00	209.89	0.10	210.41	1.40	210.93	6.57
209.38	0.00	209.90	0.10	210.42	1.49	210.94	6.60
209.39	0.00	209.91	0.11	210.43	1.58	210.95	6.63
209.40	0.00	209.92	0.11	210.44	1.68	210.96	6.66
209.41	0.00	209.93	0.11	210.45	1.78	210.97	6.69
209.42	0.00	209.94	0.11	210.46	1.87	210.98	6.72
209.43	0.00	209.95	0.11	210.47	1.97	210.99	6.75
209.44	0.00	209.96	0.11	210.48	2.07	211.00	6.78
209.45	0.01	209.97	0.11	210.49	2.18	211.01	6.81
209.46	0.01	209.98	0.11	210.50	2.28	211.02	6.84
209.47	0.01	209.99	0.12	210.51	2.39	211.03	6.87
209.48	0.01	210.00	0.12	210.52	2.50	211.04	6.90
209.49	0.02	210.01	0.12	210.53	2.61	211.05	6.93
209.50	0.02	210.02	0.12	210.54	2.72	211.06	6.96
209.51	0.02	210.03	0.12	210.55	2.83	211.07	6.99

Stage-Discharge for Pond B-2: Basin #2 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	7.02	211.60	12.11
211.09	7.05	211.61	12.71
211.10	7.08	211.62	13.33
211.11	7.11	211.63	13.98
211.12	7.13	211.64	14.66
211.13	7.16	211.65	15.36
211.14	7.19	211.66	16.08
211.15	7.22	211.67	16.83
211.16	7.25	211.68	17.60
211.17	7.28	211.69	18.39
211.18	7.30	211.70	19.20
211.19	7.33	211.71	20.07
211.20	7.36	211.72	20.96
211.21	7.39	211.73	21.89
211.22	7.41	211.74	22.83
211.23	7.44	211.75	23.80
211.24	7.47	211.76	24.80
211.25	7.50	211.77	25.82
211.26	7.52	211.78	26.87
211.27	7.55	211.79	27.94
211.28	7.58	211.80	29.03
211.29	7.60	211.81	30.15
211.30	7.63	211.82	31.30
211.31	7.66	211.83	32.47
211.32	7.68	211.84	33.66
211.33	7.71	211.85	34.88
211.34	7.74	211.86	36.12
211.35	7.76	211.87	37.38
211.36	7.79	211.88	38.67
211.37	7.82	211.89	39.98
211.38	7.84	211.90	41.32
211.39	7.87	211.91	42.71
211.40	7.89	211.92	44.12
211.41	7.92	211.93	45.56
211.42	7.94	211.94	47.03
211.43	7.97	211.95	48.52
211.44	8.00	211.96	50.04
211.45	8.02	211.97	51.59
211.46	8.05	211.98	53.16
211.47	8.07	211.99	54.75
211.48	8.10	212.00	56.38
211.49	8.12		
211.50	8.15		
211.51	8.29		
211.52	8.53		
211.53	8.83		
211.54	9.18		
211.55	9.58		
211.56	10.02		
211.57	10.49		
211.58	11.00		
211.59	11.54		

Stage-Area-Storage for Pond B-2: Basin #2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	7,501	0	209.52	7,985	4,026
209.01	7,510	75	209.53	7,994	4,106
209.02	7,520	150	209.54	8,003	4,186
209.03	7,529	225	209.55	8,013	4,266
209.04	7,538	301	209.56	8,022	4,346
209.05	7,548	376	209.57	8,031	4,427
209.06	7,557	452	209.58	8,040	4,507
209.07	7,566	527	209.59	8,050	4,587
209.08	7,575	603	209.60	8,059	4,668
209.09	7,585	679	209.61	8,068	4,749
209.10	7,594	755	209.62	8,078	4,829
209.11	7,603	831	209.63	8,087	4,910
209.12	7,613	907	209.64	8,096	4,991
209.13	7,622	983	209.65	8,106	5,072
209.14	7,631	1,059	209.66	8,115	5,153
209.15	7,641	1,136	209.67	8,124	5,234
209.16	7,650	1,212	209.68	8,133	5,316
209.17	7,659	1,289	209.69	8,143	5,397
209.18	7,668	1,365	209.70	8,152	5,479
209.19	7,678	1,442	209.71	8,161	5,560
209.20	7,687	1,519	209.72	8,171	5,642
209.21	7,696	1,596	209.73	8,180	5,724
209.22	7,706	1,673	209.74	8,189	5,805
209.23	7,715	1,750	209.75	8,199	5,887
209.24	7,724	1,827	209.76	8,208	5,969
209.25	7,734	1,904	209.77	8,217	6,051
209.26	7,743	1,982	209.78	8,226	6,134
209.27	7,752	2,059	209.79	8,236	6,216
209.28	7,761	2,137	209.80	8,245	6,298
209.29	7,771	2,214	209.81	8,254	6,381
209.30	7,780	2,292	209.82	8,264	6,463
209.31	7,789	2,370	209.83	8,273	6,546
209.32	7,799	2,448	209.84	8,282	6,629
209.33	7,808	2,526	209.85	8,291	6,712
209.34	7,817	2,604	209.86	8,301	6,795
209.35	7,826	2,682	209.87	8,310	6,878
209.36	7,836	2,761	209.88	8,319	6,961
209.37	7,845	2,839	209.89	8,329	7,044
209.38	7,854	2,918	209.90	8,338	7,128
209.39	7,864	2,996	209.91	8,347	7,211
209.40	7,873	3,075	209.92	8,357	7,294
209.41	7,882	3,154	209.93	8,366	7,378
209.42	7,892	3,232	209.94	8,375	7,462
209.43	7,901	3,311	209.95	8,384	7,546
209.44	7,910	3,390	209.96	8,394	7,630
209.45	7,919	3,470	209.97	8,403	7,713
209.46	7,929	3,549	209.98	8,412	7,798
209.47	7,938	3,628	209.99	8,422	7,882
209.48	7,947	3,708	210.00	8,431	7,966
209.49	7,957	3,787	210.01	8,441	8,050
209.50	7,966	3,867	210.02	8,450	8,135
209.51	7,975	3,946	210.03	8,460	8,219

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	8,469	8,304	210.56	8,968	12,838
210.05	8,479	8,389	210.57	8,978	12,927
210.06	8,489	8,474	210.58	8,987	13,017
210.07	8,498	8,559	210.59	8,997	13,107
210.08	8,508	8,644	210.60	9,006	13,197
210.09	8,517	8,729	210.61	9,016	13,287
210.10	8,527	8,814	210.62	9,026	13,378
210.11	8,536	8,899	210.63	9,035	13,468
210.12	8,546	8,985	210.64	9,045	13,558
210.13	8,556	9,070	210.65	9,054	13,649
210.14	8,565	9,156	210.66	9,064	13,739
210.15	8,575	9,241	210.67	9,074	13,830
210.16	8,584	9,327	210.68	9,083	13,921
210.17	8,594	9,413	210.69	9,093	14,012
210.18	8,604	9,499	210.70	9,102	14,103
210.19	8,613	9,585	210.71	9,112	14,194
210.20	8,623	9,671	210.72	9,121	14,285
210.21	8,632	9,758	210.73	9,131	14,376
210.22	8,642	9,844	210.74	9,141	14,468
210.23	8,652	9,930	210.75	9,150	14,559
210.24	8,661	10,017	210.76	9,160	14,651
210.25	8,671	10,104	210.77	9,169	14,742
210.26	8,680	10,190	210.78	9,179	14,834
210.27	8,690	10,277	210.79	9,189	14,926
210.28	8,700	10,364	210.80	9,198	15,018
210.29	8,709	10,451	210.81	9,208	15,110
210.30	8,719	10,538	210.82	9,217	15,202
210.31	8,728	10,626	210.83	9,227	15,294
210.32	8,738	10,713	210.84	9,237	15,386
210.33	8,747	10,800	210.85	9,246	15,479
210.34	8,757	10,888	210.86	9,256	15,571
210.35	8,767	10,976	210.87	9,265	15,664
210.36	8,776	11,063	210.88	9,275	15,757
210.37	8,786	11,151	210.89	9,285	15,849
210.38	8,795	11,239	210.90	9,294	15,942
210.39	8,805	11,327	210.91	9,304	16,035
210.40	8,815	11,415	210.92	9,313	16,128
210.41	8,824	11,503	210.93	9,323	16,222
210.42	8,834	11,592	210.94	9,332	16,315
210.43	8,843	11,680	210.95	9,342	16,408
210.44	8,853	11,768	210.96	9,352	16,502
210.45	8,863	11,857	210.97	9,361	16,595
210.46	8,872	11,946	210.98	9,371	16,689
210.47	8,882	12,034	210.99	9,380	16,783
210.48	8,891	12,123	211.00	9,390	16,877
210.49	8,901	12,212	211.01	9,400	16,970
210.50	8,911	12,301	211.02	9,410	17,064
210.51	8,920	12,391	211.03	9,420	17,159
210.52	8,930	12,480	211.04	9,429	17,253
210.53	8,939	12,569	211.05	9,439	17,347
210.54	8,949	12,659	211.06	9,449	17,442
210.55	8,958	12,748	211.07	9,459	17,536

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	9,469	17,631	211.60	9,982	22,688
211.09	9,479	17,726	211.61	9,991	22,788
211.10	9,489	17,820	211.62	10,001	22,888
211.11	9,498	17,915	211.63	10,011	22,988
211.12	9,508	18,010	211.64	10,021	23,088
211.13	9,518	18,106	211.65	10,031	23,188
211.14	9,528	18,201	211.66	10,041	23,289
211.15	9,538	18,296	211.67	10,051	23,389
211.16	9,548	18,392	211.68	10,060	23,490
211.17	9,558	18,487	211.69	10,070	23,590
211.18	9,567	18,583	211.70	10,080	23,691
211.19	9,577	18,678	211.71	10,090	23,792
211.20	9,587	18,774	211.72	10,100	23,893
211.21	9,597	18,870	211.73	10,110	23,994
211.22	9,607	18,966	211.74	10,120	24,095
211.23	9,617	19,062	211.75	10,130	24,196
211.24	9,627	19,158	211.76	10,139	24,298
211.25	9,637	19,255	211.77	10,149	24,399
211.26	9,646	19,351	211.78	10,159	24,501
211.27	9,656	19,448	211.79	10,169	24,602
211.28	9,666	19,544	211.80	10,179	24,704
211.29	9,676	19,641	211.81	10,189	24,806
211.30	9,686	19,738	211.82	10,199	24,908
211.31	9,696	19,835	211.83	10,208	25,010
211.32	9,706	19,932	211.84	10,218	25,112
211.33	9,715	20,029	211.85	10,228	25,214
211.34	9,725	20,126	211.86	10,238	25,317
211.35	9,735	20,223	211.87	10,248	25,419
211.36	9,745	20,321	211.88	10,258	25,521
211.37	9,755	20,418	211.89	10,268	25,624
211.38	9,765	20,516	211.90	10,277	25,727
211.39	9,775	20,614	211.91	10,287	25,830
211.40	9,784	20,711	211.92	10,297	25,933
211.41	9,794	20,809	211.93	10,307	26,036
211.42	9,804	20,907	211.94	10,317	26,139
211.43	9,814	21,005	211.95	10,327	26,242
211.44	9,824	21,104	211.96	10,337	26,345
211.45	9,834	21,202	211.97	10,346	26,449
211.46	9,844	21,300	211.98	10,356	26,552
211.47	9,853	21,399	211.99	10,366	26,656
211.48	9,863	21,497	212.00	10,376	26,760
211.49	9,873	21,596			
211.50	9,883	21,695			
211.51	9,893	21,794			
211.52	9,903	21,893			
211.53	9,913	21,992			
211.54	9,922	22,091			
211.55	9,932	22,190			
211.56	9,942	22,290			
211.57	9,952	22,389			
211.58	9,962	22,489			
211.59	9,972	22,588			

Summary for Pond B-3: Basin #3

Inflow Area = 1.554 ac, 38.35% Impervious, Inflow Depth = 6.43" for Current 100 yr event
 Inflow = 10.19 cfs @ 12.17 hrs, Volume= 0.832 af
 Outflow = 0.22 cfs @ 17.77 hrs, Volume= 0.472 af, Atten= 98%, Lag= 335.8 min
 Primary = 0.22 cfs @ 17.77 hrs, Volume= 0.472 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 215.15' @ 17.77 hrs Surf.Area= 15,844 sf Storage= 27,676 cf

Plug-Flow detention time= 842.7 min calculated for 0.472 af (57% of inflow)
 Center-of-Mass det. time= 726.3 min (1,510.0 - 783.7)

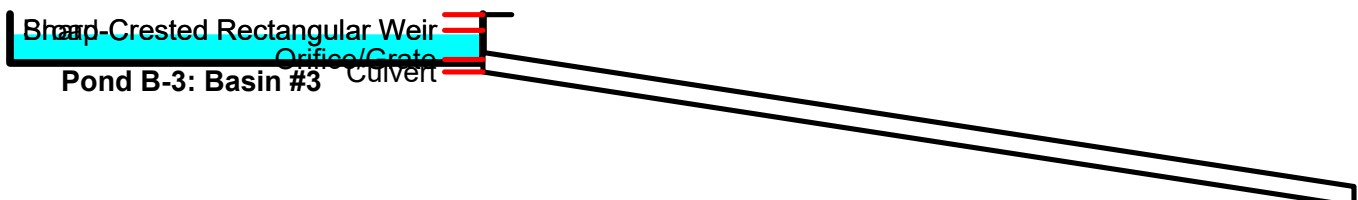
Volume	Invert	Avail.Storage	Storage Description
#1	213.00'	56,991 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

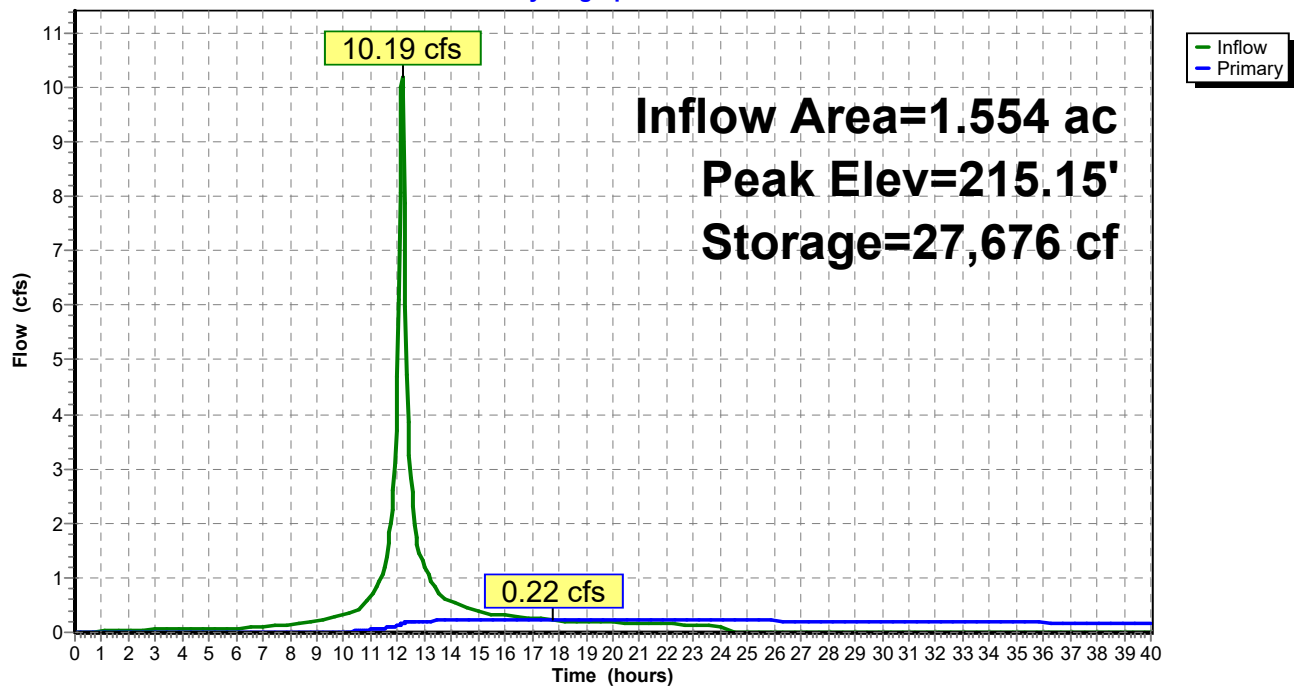
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
213.00	9,992	0	0
214.00	12,685	11,339	11,339
215.00	15,435	14,060	25,399
216.00	18,241	16,838	42,237
216.75	21,104	14,754	56,991

Device	Routing	Invert	Outlet Devices
#1	Primary	212.30'	18.0" Round Culvert L= 151.0' Ke= 0.500 Inlet / Outlet Invert= 212.30' / 202.00' S= 0.0682 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	213.25'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	215.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	216.70'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.22 cfs @ 17.77 hrs HW=215.15' (Free Discharge)

1=Culvert (Passes 0.22 cfs of 12.32 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.44 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-3: Basin #3**Hydrograph**

Hydrograph for Pond B-3: Basin #3

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	213.00	0.00
0.10	0.00	0	213.00	0.00
0.20	0.00	0	213.00	0.00
0.30	0.00	0	213.00	0.00
0.40	0.00	0	213.00	0.00
0.50	0.00	0	213.00	0.00
0.60	0.00	0	213.00	0.00
0.70	0.00	1	213.00	0.00
0.80	0.01	4	213.00	0.00
0.90	0.01	8	213.00	0.00
1.00	0.02	13	213.00	0.00
1.10	0.02	19	213.00	0.00
1.20	0.02	26	213.00	0.00
1.30	0.02	35	213.00	0.00
1.40	0.03	44	213.00	0.00
1.50	0.03	54	213.01	0.00
1.60	0.03	65	213.01	0.00
1.70	0.03	76	213.01	0.00
1.80	0.04	89	213.01	0.00
1.90	0.04	102	213.01	0.00
2.00	0.04	115	213.01	0.00
2.10	0.04	130	213.01	0.00
2.20	0.04	144	213.01	0.00
2.30	0.04	160	213.02	0.00
2.40	0.04	176	213.02	0.00
2.50	0.05	192	213.02	0.00
2.60	0.05	209	213.02	0.00
2.70	0.05	226	213.02	0.00
2.80	0.05	244	213.02	0.00
2.90	0.05	262	213.03	0.00
3.00	0.05	281	213.03	0.00
3.10	0.05	299	213.03	0.00
3.20	0.05	319	213.03	0.00
3.30	0.06	338	213.03	0.00
3.40	0.06	358	213.04	0.00
3.50	0.06	379	213.04	0.00
3.60	0.06	400	213.04	0.00
3.70	0.06	421	213.04	0.00
3.80	0.06	442	213.04	0.00
3.90	0.06	464	213.05	0.00
4.00	0.06	486	213.05	0.00
4.10	0.06	508	213.05	0.00
4.20	0.06	531	213.05	0.00
4.30	0.06	553	213.05	0.00
4.40	0.06	577	213.06	0.00
4.50	0.07	600	213.06	0.00
4.60	0.07	624	213.06	0.00
4.70	0.07	648	213.06	0.00
4.80	0.07	672	213.07	0.00
4.90	0.07	697	213.07	0.00
5.00	0.07	721	213.07	0.00
5.10	0.07	747	213.07	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	772	213.08	0.00
5.30	0.07	797	213.08	0.00
5.40	0.07	823	213.08	0.00
5.50	0.07	849	213.08	0.00
5.60	0.07	876	213.09	0.00
5.70	0.07	902	213.09	0.00
5.80	0.07	929	213.09	0.00
5.90	0.08	956	213.09	0.00
6.00	0.08	983	213.10	0.00
6.10	0.08	1,011	213.10	0.00
6.20	0.08	1,039	213.10	0.00
6.30	0.08	1,067	213.11	0.00
6.40	0.08	1,097	213.11	0.00
6.50	0.09	1,127	213.11	0.00
6.60	0.09	1,159	213.11	0.00
6.70	0.09	1,192	213.12	0.00
6.80	0.10	1,226	213.12	0.00
6.90	0.10	1,261	213.12	0.00
7.00	0.10	1,298	213.13	0.00
7.10	0.11	1,336	213.13	0.00
7.20	0.11	1,375	213.14	0.00
7.30	0.11	1,416	213.14	0.00
7.40	0.12	1,458	213.14	0.00
7.50	0.12	1,501	213.15	0.00
7.60	0.13	1,546	213.15	0.00
7.70	0.13	1,592	213.16	0.00
7.80	0.13	1,640	213.16	0.00
7.90	0.14	1,689	213.17	0.00
8.00	0.14	1,740	213.17	0.00
8.10	0.15	1,792	213.18	0.00
8.20	0.15	1,846	213.18	0.00
8.30	0.16	1,902	213.19	0.00
8.40	0.16	1,959	213.19	0.00
8.50	0.17	2,018	213.20	0.00
8.60	0.17	2,078	213.20	0.00
8.70	0.17	2,140	213.21	0.00
8.80	0.18	2,204	213.21	0.00
8.90	0.18	2,269	213.22	0.00
9.00	0.19	2,336	213.23	0.00
9.10	0.20	2,406	213.23	0.00
9.20	0.21	2,478	213.24	0.00
9.30	0.22	2,555	213.25	0.00
9.40	0.23	2,636	213.26	0.00
9.50	0.25	2,722	213.26	0.00
9.60	0.26	2,813	213.27	0.00
9.70	0.27	2,908	213.28	0.00
9.80	0.29	3,008	213.29	0.00
9.90	0.30	3,114	213.30	0.00
10.00	0.32	3,224	213.31	0.01
10.10	0.33	3,338	213.32	0.01
10.20	0.35	3,457	213.33	0.01
10.30	0.37	3,582	213.34	0.02

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.38	3,710	213.35	0.02
10.50	0.40	3,843	213.37	0.02
10.60	0.43	3,982	213.38	0.03
10.70	0.47	4,133	213.39	0.03
10.80	0.52	4,299	213.41	0.04
10.90	0.58	4,483	213.42	0.04
11.00	0.64	4,685	213.44	0.05
11.10	0.71	4,908	213.46	0.05
11.20	0.80	5,159	213.48	0.06
11.30	0.91	5,446	213.51	0.06
11.40	1.03	5,770	213.54	0.07
11.50	1.14	6,133	213.57	0.08
11.60	1.39	6,550	213.61	0.08
11.70	1.84	7,103	213.65	0.09
11.80	2.25	7,797	213.71	0.10
11.90	3.06	8,705	213.79	0.11
12.00	4.70	10,027	213.90	0.12
12.10	8.07	12,227	214.07	0.14
12.20	9.84	15,585	214.32	0.16
12.30	5.98	18,364	214.52	0.18
12.40	3.85	20,034	214.64	0.19
12.50	2.83	21,150	214.72	0.19
12.60	2.30	22,007	214.78	0.20
12.70	1.74	22,655	214.82	0.20
12.80	1.50	23,161	214.85	0.20
12.90	1.35	23,600	214.88	0.20
13.00	1.22	23,988	214.91	0.20
13.10	1.09	24,329	214.93	0.21
13.20	0.97	24,625	214.95	0.21
13.30	0.89	24,886	214.97	0.21
13.40	0.82	25,119	214.98	0.21
13.50	0.75	25,327	215.00	0.21
13.60	0.68	25,510	215.01	0.21
13.70	0.63	25,669	215.02	0.21
13.80	0.60	25,813	215.03	0.21
13.90	0.58	25,949	215.04	0.21
14.00	0.56	26,077	215.04	0.21
14.10	0.54	26,198	215.05	0.21
14.20	0.52	26,313	215.06	0.21
14.30	0.51	26,421	215.07	0.21
14.40	0.49	26,523	215.07	0.22
14.50	0.47	26,618	215.08	0.22
14.60	0.45	26,706	215.08	0.22
14.70	0.43	26,788	215.09	0.22
14.80	0.42	26,863	215.09	0.22
14.90	0.40	26,931	215.10	0.22
15.00	0.38	26,993	215.10	0.22
15.10	0.36	27,048	215.11	0.22
15.20	0.35	27,098	215.11	0.22
15.30	0.34	27,143	215.11	0.22
15.40	0.33	27,185	215.11	0.22
15.50	0.33	27,226	215.12	0.22

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	27,265	215.12	0.22
15.70	0.32	27,302	215.12	0.22
15.80	0.31	27,337	215.12	0.22
15.90	0.31	27,371	215.13	0.22
16.00	0.30	27,403	215.13	0.22
16.10	0.30	27,433	215.13	0.22
16.20	0.30	27,461	215.13	0.22
16.30	0.29	27,488	215.13	0.22
16.40	0.29	27,513	215.14	0.22
16.50	0.28	27,536	215.14	0.22
16.60	0.28	27,557	215.14	0.22
16.70	0.27	27,577	215.14	0.22
16.80	0.27	27,595	215.14	0.22
16.90	0.26	27,611	215.14	0.22
17.00	0.26	27,625	215.14	0.22
17.10	0.25	27,638	215.14	0.22
17.20	0.25	27,648	215.14	0.22
17.30	0.24	27,658	215.14	0.22
17.40	0.24	27,665	215.14	0.22
17.50	0.23	27,670	215.15	0.22
17.60	0.23	27,674	215.15	0.22
17.70	0.22	27,676	215.15	0.22
17.80	0.22	27,676	215.15	0.22
17.90	0.21	27,675	215.15	0.22
18.00	0.21	27,672	215.15	0.22
18.10	0.20	27,667	215.15	0.22
18.20	0.20	27,660	215.14	0.22
18.30	0.20	27,653	215.14	0.22
18.40	0.20	27,645	215.14	0.22
18.50	0.19	27,636	215.14	0.22
18.60	0.19	27,627	215.14	0.22
18.70	0.19	27,617	215.14	0.22
18.80	0.19	27,607	215.14	0.22
18.90	0.19	27,597	215.14	0.22
19.00	0.19	27,586	215.14	0.22
19.10	0.19	27,575	215.14	0.22
19.20	0.19	27,564	215.14	0.22
19.30	0.19	27,552	215.14	0.22
19.40	0.18	27,539	215.14	0.22
19.50	0.18	27,526	215.14	0.22
19.60	0.18	27,513	215.14	0.22
19.70	0.18	27,499	215.13	0.22
19.80	0.18	27,485	215.13	0.22
19.90	0.18	27,471	215.13	0.22
20.00	0.18	27,456	215.13	0.22
20.10	0.18	27,441	215.13	0.22
20.20	0.17	27,425	215.13	0.22
20.30	0.17	27,409	215.13	0.22
20.40	0.17	27,392	215.13	0.22
20.50	0.17	27,376	215.13	0.22
20.60	0.17	27,358	215.13	0.22
20.70	0.17	27,341	215.12	0.22

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	27,323	215.12	0.22
20.90	0.17	27,304	215.12	0.22
21.00	0.16	27,285	215.12	0.22
21.10	0.16	27,265	215.12	0.22
21.20	0.16	27,246	215.12	0.22
21.30	0.16	27,225	215.12	0.22
21.40	0.16	27,205	215.12	0.22
21.50	0.16	27,184	215.11	0.22
21.60	0.16	27,163	215.11	0.22
21.70	0.16	27,141	215.11	0.22
21.80	0.16	27,118	215.11	0.22
21.90	0.15	27,096	215.11	0.22
22.00	0.15	27,073	215.11	0.22
22.10	0.15	27,049	215.11	0.22
22.20	0.15	27,026	215.10	0.22
22.30	0.15	27,001	215.10	0.22
22.40	0.15	26,977	215.10	0.22
22.50	0.15	26,952	215.10	0.22
22.60	0.15	26,926	215.10	0.22
22.70	0.14	26,900	215.10	0.22
22.80	0.14	26,874	215.09	0.22
22.90	0.14	26,847	215.09	0.22
23.00	0.14	26,820	215.09	0.22
23.10	0.14	26,793	215.09	0.22
23.20	0.14	26,765	215.09	0.22
23.30	0.14	26,737	215.09	0.22
23.40	0.14	26,708	215.08	0.22
23.50	0.13	26,679	215.08	0.22
23.60	0.13	26,650	215.08	0.22
23.70	0.13	26,620	215.08	0.22
23.80	0.13	26,590	215.08	0.22
23.90	0.13	26,559	215.07	0.22
24.00	0.14	26,529	215.07	0.22
24.10	0.12	26,499	215.07	0.22
24.20	0.03	26,447	215.07	0.21
24.30	0.01	26,377	215.06	0.21
24.40	0.00	26,301	215.06	0.21
24.50	0.00	26,224	215.05	0.21
24.60	0.00	26,147	215.05	0.21
24.70	0.00	26,070	215.04	0.21
24.80	0.00	25,994	215.04	0.21
24.90	0.00	25,917	215.03	0.21
25.00	0.00	25,840	215.03	0.21
25.10	0.00	25,764	215.02	0.21
25.20	0.00	25,688	215.02	0.21
25.30	0.00	25,612	215.01	0.21
25.40	0.00	25,535	215.01	0.21
25.50	0.00	25,460	215.00	0.21
25.60	0.00	25,384	215.00	0.21
25.70	0.00	25,308	214.99	0.21
25.80	0.00	25,232	214.99	0.21
25.90	0.00	25,157	214.98	0.21

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	25,081	214.98	0.21
26.10	0.00	25,006	214.97	0.21
26.20	0.00	24,931	214.97	0.21
26.30	0.00	24,856	214.96	0.21
26.40	0.00	24,781	214.96	0.21
26.50	0.00	24,706	214.95	0.21
26.60	0.00	24,632	214.95	0.21
26.70	0.00	24,557	214.95	0.21
26.80	0.00	24,482	214.94	0.21
26.90	0.00	24,408	214.94	0.21
27.00	0.00	24,334	214.93	0.21
27.10	0.00	24,260	214.93	0.21
27.20	0.00	24,186	214.92	0.21
27.30	0.00	24,112	214.92	0.21
27.40	0.00	24,038	214.91	0.20
27.50	0.00	23,964	214.91	0.20
27.60	0.00	23,891	214.90	0.20
27.70	0.00	23,817	214.90	0.20
27.80	0.00	23,744	214.89	0.20
27.90	0.00	23,671	214.89	0.20
28.00	0.00	23,598	214.88	0.20
28.10	0.00	23,525	214.88	0.20
28.20	0.00	23,452	214.87	0.20
28.30	0.00	23,379	214.87	0.20
28.40	0.00	23,306	214.86	0.20
28.50	0.00	23,234	214.86	0.20
28.60	0.00	23,162	214.85	0.20
28.70	0.00	23,089	214.85	0.20
28.80	0.00	23,017	214.84	0.20
28.90	0.00	22,945	214.84	0.20
29.00	0.00	22,873	214.83	0.20
29.10	0.00	22,801	214.83	0.20
29.20	0.00	22,730	214.82	0.20
29.30	0.00	22,658	214.82	0.20
29.40	0.00	22,587	214.81	0.20
29.50	0.00	22,515	214.81	0.20
29.60	0.00	22,444	214.81	0.20
29.70	0.00	22,373	214.80	0.20
29.80	0.00	22,302	214.80	0.20
29.90	0.00	22,231	214.79	0.20
30.00	0.00	22,160	214.79	0.20
30.10	0.00	22,090	214.78	0.20
30.20	0.00	22,019	214.78	0.20
30.30	0.00	21,949	214.77	0.20
30.40	0.00	21,878	214.77	0.20
30.50	0.00	21,808	214.76	0.19
30.60	0.00	21,738	214.76	0.19
30.70	0.00	21,668	214.75	0.19
30.80	0.00	21,598	214.75	0.19
30.90	0.00	21,529	214.74	0.19
31.00	0.00	21,459	214.74	0.19
31.10	0.00	21,390	214.73	0.19

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	21,320	214.73	0.19
31.30	0.00	21,251	214.72	0.19
31.40	0.00	21,182	214.72	0.19
31.50	0.00	21,113	214.72	0.19
31.60	0.00	21,044	214.71	0.19
31.70	0.00	20,975	214.71	0.19
31.80	0.00	20,907	214.70	0.19
31.90	0.00	20,838	214.70	0.19
32.00	0.00	20,770	214.69	0.19
32.10	0.00	20,701	214.69	0.19
32.20	0.00	20,633	214.68	0.19
32.30	0.00	20,565	214.68	0.19
32.40	0.00	20,497	214.67	0.19
32.50	0.00	20,430	214.67	0.19
32.60	0.00	20,362	214.66	0.19
32.70	0.00	20,294	214.66	0.19
32.80	0.00	20,227	214.65	0.19
32.90	0.00	20,160	214.65	0.19
33.00	0.00	20,092	214.64	0.19
33.10	0.00	20,025	214.64	0.19
33.20	0.00	19,958	214.64	0.19
33.30	0.00	19,892	214.63	0.19
33.40	0.00	19,825	214.63	0.19
33.50	0.00	19,758	214.62	0.18
33.60	0.00	19,692	214.62	0.18
33.70	0.00	19,625	214.61	0.18
33.80	0.00	19,559	214.61	0.18
33.90	0.00	19,493	214.60	0.18
34.00	0.00	19,427	214.60	0.18
34.10	0.00	19,361	214.59	0.18
34.20	0.00	19,296	214.59	0.18
34.30	0.00	19,230	214.58	0.18
34.40	0.00	19,164	214.58	0.18
34.50	0.00	19,099	214.58	0.18
34.60	0.00	19,034	214.57	0.18
34.70	0.00	18,969	214.57	0.18
34.80	0.00	18,904	214.56	0.18
34.90	0.00	18,839	214.56	0.18
35.00	0.00	18,774	214.55	0.18
35.10	0.00	18,709	214.55	0.18
35.20	0.00	18,645	214.54	0.18
35.30	0.00	18,581	214.54	0.18
35.40	0.00	18,516	214.53	0.18
35.50	0.00	18,452	214.53	0.18
35.60	0.00	18,388	214.53	0.18
35.70	0.00	18,324	214.52	0.18
35.80	0.00	18,260	214.52	0.18
35.90	0.00	18,197	214.51	0.18
36.00	0.00	18,133	214.51	0.18
36.10	0.00	18,070	214.50	0.18
36.20	0.00	18,007	214.50	0.18
36.30	0.00	17,943	214.49	0.18

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	17,880	214.49	0.17
36.50	0.00	17,818	214.49	0.17
36.60	0.00	17,755	214.48	0.17
36.70	0.00	17,692	214.48	0.17
36.80	0.00	17,630	214.47	0.17
36.90	0.00	17,567	214.47	0.17
37.00	0.00	17,505	214.46	0.17
37.10	0.00	17,443	214.46	0.17
37.20	0.00	17,381	214.45	0.17
37.30	0.00	17,319	214.45	0.17
37.40	0.00	17,257	214.45	0.17
37.50	0.00	17,195	214.44	0.17
37.60	0.00	17,134	214.44	0.17
37.70	0.00	17,072	214.43	0.17
37.80	0.00	17,011	214.43	0.17
37.90	0.00	16,950	214.42	0.17
38.00	0.00	16,889	214.42	0.17
38.10	0.00	16,828	214.41	0.17
38.20	0.00	16,767	214.41	0.17
38.30	0.00	16,707	214.41	0.17
38.40	0.00	16,646	214.40	0.17
38.50	0.00	16,586	214.40	0.17
38.60	0.00	16,526	214.39	0.17
38.70	0.00	16,465	214.39	0.17
38.80	0.00	16,405	214.38	0.17
38.90	0.00	16,345	214.38	0.17
39.00	0.00	16,286	214.37	0.17
39.10	0.00	16,226	214.37	0.17
39.20	0.00	16,167	214.37	0.17
39.30	0.00	16,107	214.36	0.16
39.40	0.00	16,048	214.36	0.16
39.50	0.00	15,989	214.35	0.16
39.60	0.00	15,930	214.35	0.16
39.70	0.00	15,871	214.34	0.16
39.80	0.00	15,812	214.34	0.16
39.90	0.00	15,754	214.34	0.16
40.00	0.00	15,695	214.33	0.16

Stage-Discharge for Pond B-3: Basin #3

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	213.52	0.07	214.04	0.14	214.56	0.18
213.01	0.00	213.53	0.07	214.05	0.14	214.57	0.18
213.02	0.00	213.54	0.07	214.06	0.14	214.58	0.18
213.03	0.00	213.55	0.07	214.07	0.14	214.59	0.18
213.04	0.00	213.56	0.07	214.08	0.14	214.60	0.18
213.05	0.00	213.57	0.08	214.09	0.14	214.61	0.18
213.06	0.00	213.58	0.08	214.10	0.14	214.62	0.18
213.07	0.00	213.59	0.08	214.11	0.14	214.63	0.19
213.08	0.00	213.60	0.08	214.12	0.14	214.64	0.19
213.09	0.00	213.61	0.08	214.13	0.14	214.65	0.19
213.10	0.00	213.62	0.08	214.14	0.15	214.66	0.19
213.11	0.00	213.63	0.09	214.15	0.15	214.67	0.19
213.12	0.00	213.64	0.09	214.16	0.15	214.68	0.19
213.13	0.00	213.65	0.09	214.17	0.15	214.69	0.19
213.14	0.00	213.66	0.09	214.18	0.15	214.70	0.19
213.15	0.00	213.67	0.09	214.19	0.15	214.71	0.19
213.16	0.00	213.68	0.09	214.20	0.15	214.72	0.19
213.17	0.00	213.69	0.10	214.21	0.15	214.73	0.19
213.18	0.00	213.70	0.10	214.22	0.15	214.74	0.19
213.19	0.00	213.71	0.10	214.23	0.15	214.75	0.19
213.20	0.00	213.72	0.10	214.24	0.15	214.76	0.19
213.21	0.00	213.73	0.10	214.25	0.16	214.77	0.20
213.22	0.00	213.74	0.10	214.26	0.16	214.78	0.20
213.23	0.00	213.75	0.10	214.27	0.16	214.79	0.20
213.24	0.00	213.76	0.10	214.28	0.16	214.80	0.20
213.25	0.00	213.77	0.11	214.29	0.16	214.81	0.20
213.26	0.00	213.78	0.11	214.30	0.16	214.82	0.20
213.27	0.00	213.79	0.11	214.31	0.16	214.83	0.20
213.28	0.00	213.80	0.11	214.32	0.16	214.84	0.20
213.29	0.00	213.81	0.11	214.33	0.16	214.85	0.20
213.30	0.00	213.82	0.11	214.34	0.16	214.86	0.20
213.31	0.01	213.83	0.11	214.35	0.16	214.87	0.20
213.32	0.01	213.84	0.11	214.36	0.16	214.88	0.20
213.33	0.01	213.85	0.12	214.37	0.17	214.89	0.20
213.34	0.01	213.86	0.12	214.38	0.17	214.90	0.20
213.35	0.02	213.87	0.12	214.39	0.17	214.91	0.20
213.36	0.02	213.88	0.12	214.40	0.17	214.92	0.21
213.37	0.02	213.89	0.12	214.41	0.17	214.93	0.21
213.38	0.03	213.90	0.12	214.42	0.17	214.94	0.21
213.39	0.03	213.91	0.12	214.43	0.17	214.95	0.21
213.40	0.03	213.92	0.12	214.44	0.17	214.96	0.21
213.41	0.04	213.93	0.12	214.45	0.17	214.97	0.21
213.42	0.04	213.94	0.13	214.46	0.17	214.98	0.21
213.43	0.05	213.95	0.13	214.47	0.17	214.99	0.21
213.44	0.05	213.96	0.13	214.48	0.17	215.00	0.21
213.45	0.05	213.97	0.13	214.49	0.17	215.01	0.21
213.46	0.05	213.98	0.13	214.50	0.18	215.02	0.21
213.47	0.06	213.99	0.13	214.51	0.18	215.03	0.21
213.48	0.06	214.00	0.13	214.52	0.18	215.04	0.21
213.49	0.06	214.01	0.13	214.53	0.18	215.05	0.21
213.50	0.06	214.02	0.13	214.54	0.18	215.06	0.21
213.51	0.06	214.03	0.13	214.55	0.18	215.07	0.22

Stage-Discharge for Pond B-3: Basin #3 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
215.08	0.22	215.60	0.66	216.12	6.46	216.64	15.31
215.09	0.22	215.61	0.72	216.13	6.61	216.65	15.50
215.10	0.22	215.62	0.79	216.14	6.76	216.66	15.69
215.11	0.22	215.63	0.86	216.15	6.91	216.67	15.88
215.12	0.22	215.64	0.93	216.16	7.06	216.68	16.08
215.13	0.22	215.65	1.00	216.17	7.21	216.69	16.23
215.14	0.22	215.66	1.08	216.18	7.36	216.70	16.26
215.15	0.22	215.67	1.16	216.19	7.51	216.71	16.40
215.16	0.22	215.68	1.24	216.20	7.67	216.72	16.63
215.17	0.22	215.69	1.32	216.21	7.82	216.73	16.93
215.18	0.22	215.70	1.41	216.22	7.98	216.74	17.28
215.19	0.22	215.71	1.50	216.23	8.14	216.75	17.68
215.20	0.22	215.72	1.59	216.24	8.30		
215.21	0.22	215.73	1.68	216.25	8.46		
215.22	0.22	215.74	1.77	216.26	8.62		
215.23	0.22	215.75	1.87	216.27	8.78		
215.24	0.23	215.76	1.97	216.28	8.94		
215.25	0.23	215.77	2.07	216.29	9.10		
215.26	0.23	215.78	2.17	216.30	9.27		
215.27	0.23	215.79	2.27	216.31	9.43		
215.28	0.23	215.80	2.37	216.32	9.60		
215.29	0.23	215.81	2.48	216.33	9.76		
215.30	0.23	215.82	2.59	216.34	9.93		
215.31	0.23	215.83	2.70	216.35	10.10		
215.32	0.23	215.84	2.81	216.36	10.27		
215.33	0.23	215.85	2.92	216.37	10.44		
215.34	0.23	215.86	3.03	216.38	10.61		
215.35	0.23	215.87	3.15	216.39	10.78		
215.36	0.23	215.88	3.27	216.40	10.95		
215.37	0.23	215.89	3.38	216.41	11.12		
215.38	0.23	215.90	3.50	216.42	11.30		
215.39	0.23	215.91	3.63	216.43	11.47		
215.40	0.23	215.92	3.75	216.44	11.65		
215.41	0.24	215.93	3.87	216.45	11.82		
215.42	0.24	215.94	4.00	216.46	12.00		
215.43	0.24	215.95	4.12	216.47	12.18		
215.44	0.24	215.96	4.25	216.48	12.36		
215.45	0.24	215.97	4.38	216.49	12.54		
215.46	0.24	215.98	4.51	216.50	12.72		
215.47	0.24	215.99	4.64	216.51	12.90		
215.48	0.24	216.00	4.78	216.52	13.08		
215.49	0.24	216.01	4.91	216.53	13.26		
215.50	0.24	216.02	5.05	216.54	13.44		
215.51	0.25	216.03	5.18	216.55	13.63		
215.52	0.28	216.04	5.32	216.56	13.81		
215.53	0.31	216.05	5.46	216.57	14.00		
215.54	0.35	216.06	5.60	216.58	14.18		
215.55	0.39	216.07	5.74	216.59	14.37		
215.56	0.44	216.08	5.88	216.60	14.56		
215.57	0.49	216.09	6.02	216.61	14.74		
215.58	0.54	216.10	6.17	216.62	14.93		
215.59	0.60	216.11	6.31	216.63	15.12		

Stage-Area-Storage for Pond B-3: Basin #3

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
213.00	9,992	0	213.52	11,392	5,560
213.01	10,019	100	213.53	11,419	5,674
213.02	10,046	200	213.54	11,446	5,788
213.03	10,073	301	213.55	11,473	5,903
213.04	10,100	402	213.56	11,500	6,018
213.05	10,127	503	213.57	11,527	6,133
213.06	10,154	604	213.58	11,554	6,248
213.07	10,181	706	213.59	11,581	6,364
213.08	10,207	808	213.60	11,608	6,480
213.09	10,234	910	213.61	11,635	6,596
213.10	10,261	1,013	213.62	11,662	6,713
213.11	10,288	1,115	213.63	11,689	6,829
213.12	10,315	1,218	213.64	11,716	6,946
213.13	10,342	1,322	213.65	11,742	7,064
213.14	10,369	1,425	213.66	11,769	7,181
213.15	10,396	1,529	213.67	11,796	7,299
213.16	10,423	1,633	213.68	11,823	7,417
213.17	10,450	1,738	213.69	11,850	7,536
213.18	10,477	1,842	213.70	11,877	7,654
213.19	10,504	1,947	213.71	11,904	7,773
213.20	10,531	2,052	213.72	11,931	7,892
213.21	10,558	2,158	213.73	11,958	8,012
213.22	10,584	2,263	213.74	11,985	8,131
213.23	10,611	2,369	213.75	12,012	8,251
213.24	10,638	2,476	213.76	12,039	8,372
213.25	10,665	2,582	213.77	12,066	8,492
213.26	10,692	2,689	213.78	12,093	8,613
213.27	10,719	2,796	213.79	12,119	8,734
213.28	10,746	2,903	213.80	12,146	8,855
213.29	10,773	3,011	213.81	12,173	8,977
213.30	10,800	3,119	213.82	12,200	9,099
213.31	10,827	3,227	213.83	12,227	9,221
213.32	10,854	3,335	213.84	12,254	9,343
213.33	10,881	3,444	213.85	12,281	9,466
213.34	10,908	3,553	213.86	12,308	9,589
213.35	10,935	3,662	213.87	12,335	9,712
213.36	10,961	3,772	213.88	12,362	9,836
213.37	10,988	3,881	213.89	12,389	9,959
213.38	11,015	3,991	213.90	12,416	10,083
213.39	11,042	4,102	213.91	12,443	10,208
213.40	11,069	4,212	213.92	12,470	10,332
213.41	11,096	4,323	213.93	12,496	10,457
213.42	11,123	4,434	213.94	12,523	10,582
213.43	11,150	4,546	213.95	12,550	10,708
213.44	11,177	4,657	213.96	12,577	10,833
213.45	11,204	4,769	213.97	12,604	10,959
213.46	11,231	4,881	213.98	12,631	11,085
213.47	11,258	4,994	213.99	12,658	11,212
213.48	11,285	5,106	214.00	12,685	11,339
213.49	11,312	5,219	214.01	12,712	11,465
213.50	11,339	5,333	214.02	12,740	11,593
213.51	11,365	5,446	214.03	12,768	11,720

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
214.04	12,795	11,848	214.56	14,225	18,873
214.05	12,823	11,976	214.57	14,252	19,016
214.06	12,850	12,105	214.58	14,280	19,158
214.07	12,877	12,233	214.59	14,308	19,301
214.08	12,905	12,362	214.60	14,335	19,444
214.09	12,933	12,491	214.61	14,363	19,588
214.10	12,960	12,621	214.62	14,390	19,732
214.11	12,988	12,750	214.63	14,417	19,876
214.12	13,015	12,881	214.64	14,445	20,020
214.13	13,042	13,011	214.65	14,473	20,165
214.14	13,070	13,141	214.66	14,500	20,310
214.15	13,098	13,272	214.67	14,527	20,455
214.16	13,125	13,403	214.68	14,555	20,600
214.17	13,152	13,535	214.69	14,582	20,746
214.18	13,180	13,666	214.70	14,610	20,892
214.19	13,207	13,798	214.71	14,638	21,038
214.20	13,235	13,930	214.72	14,665	21,184
214.21	13,263	14,063	214.73	14,692	21,331
214.22	13,290	14,196	214.74	14,720	21,478
214.23	13,317	14,329	214.75	14,748	21,626
214.24	13,345	14,462	214.76	14,775	21,773
214.25	13,373	14,596	214.77	14,803	21,921
214.26	13,400	14,730	214.78	14,830	22,069
214.27	13,428	14,864	214.79	14,857	22,218
214.28	13,455	14,998	214.80	14,885	22,367
214.29	13,482	15,133	214.81	14,913	22,515
214.30	13,510	15,268	214.82	14,940	22,665
214.31	13,538	15,403	214.83	14,968	22,814
214.32	13,565	15,538	214.84	14,995	22,964
214.33	13,593	15,674	214.85	15,022	23,114
214.34	13,620	15,810	214.86	15,050	23,265
214.35	13,647	15,947	214.87	15,078	23,415
214.36	13,675	16,083	214.88	15,105	23,566
214.37	13,703	16,220	214.89	15,132	23,717
214.38	13,730	16,357	214.90	15,160	23,869
214.39	13,757	16,495	214.91	15,187	24,020
214.40	13,785	16,633	214.92	15,215	24,172
214.41	13,812	16,770	214.93	15,243	24,325
214.42	13,840	16,909	214.94	15,270	24,477
214.43	13,868	17,047	214.95	15,297	24,630
214.44	13,895	17,186	214.96	15,325	24,783
214.45	13,922	17,325	214.97	15,352	24,937
214.46	13,950	17,465	214.98	15,380	25,090
214.47	13,977	17,604	214.99	15,408	25,244
214.48	14,005	17,744	215.00	15,435	25,399
214.49	14,033	17,884	215.01	15,463	25,553
214.50	14,060	18,025	215.02	15,491	25,708
214.51	14,087	18,165	215.03	15,519	25,863
214.52	14,115	18,307	215.04	15,547	26,018
214.53	14,143	18,448	215.05	15,575	26,174
214.54	14,170	18,589	215.06	15,603	26,330
214.55	14,198	18,731	215.07	15,631	26,486

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
215.08	15,659	26,642	215.60	17,119	35,165
215.09	15,688	26,799	215.61	17,147	35,336
215.10	15,716	26,956	215.62	17,175	35,508
215.11	15,744	27,113	215.63	17,203	35,679
215.12	15,772	27,271	215.64	17,231	35,852
215.13	15,800	27,429	215.65	17,259	36,024
215.14	15,828	27,587	215.66	17,287	36,197
215.15	15,856	27,745	215.67	17,315	36,370
215.16	15,884	27,904	215.68	17,343	36,543
215.17	15,912	28,063	215.69	17,371	36,717
215.18	15,940	28,222	215.70	17,399	36,890
215.19	15,968	28,382	215.71	17,427	37,065
215.20	15,996	28,542	215.72	17,455	37,239
215.21	16,024	28,702	215.73	17,483	37,414
215.22	16,052	28,862	215.74	17,511	37,589
215.23	16,080	29,023	215.75	17,540	37,764
215.24	16,108	29,184	215.76	17,568	37,939
215.25	16,137	29,345	215.77	17,596	38,115
215.26	16,165	29,506	215.78	17,624	38,291
215.27	16,193	29,668	215.79	17,652	38,468
215.28	16,221	29,830	215.80	17,680	38,644
215.29	16,249	29,993	215.81	17,708	38,821
215.30	16,277	30,155	215.82	17,736	38,999
215.31	16,305	30,318	215.83	17,764	39,176
215.32	16,333	30,481	215.84	17,792	39,354
215.33	16,361	30,645	215.85	17,820	39,532
215.34	16,389	30,809	215.86	17,848	39,710
215.35	16,417	30,973	215.87	17,876	39,889
215.36	16,445	31,137	215.88	17,904	40,068
215.37	16,473	31,302	215.89	17,932	40,247
215.38	16,501	31,466	215.90	17,960	40,426
215.39	16,529	31,632	215.91	17,988	40,606
215.40	16,557	31,797	215.92	18,017	40,786
215.41	16,585	31,963	215.93	18,045	40,967
215.42	16,614	32,129	215.94	18,073	41,147
215.43	16,642	32,295	215.95	18,101	41,328
215.44	16,670	32,462	215.96	18,129	41,509
215.45	16,698	32,628	215.97	18,157	41,691
215.46	16,726	32,795	215.98	18,185	41,872
215.47	16,754	32,963	215.99	18,213	42,054
215.48	16,782	33,131	216.00	18,241	42,237
215.49	16,810	33,299	216.01	18,279	42,419
215.50	16,838	33,467	216.02	18,317	42,602
215.51	16,866	33,635	216.03	18,356	42,785
215.52	16,894	33,804	216.04	18,394	42,969
215.53	16,922	33,973	216.05	18,432	43,153
215.54	16,950	34,143	216.06	18,470	43,338
215.55	16,978	34,312	216.07	18,508	43,523
215.56	17,006	34,482	216.08	18,546	43,708
215.57	17,034	34,652	216.09	18,585	43,894
215.58	17,062	34,823	216.10	18,623	44,080
215.59	17,091	34,994	216.11	18,661	44,266

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
216.12	18,699	44,453	216.64	20,684	54,693
216.13	18,737	44,640	216.65	20,722	54,900
216.14	18,775	44,828	216.66	20,760	55,107
216.15	18,814	45,016	216.67	20,799	55,315
216.16	18,852	45,204	216.68	20,837	55,523
216.17	18,890	45,393	216.69	20,875	55,732
216.18	18,928	45,582	216.70	20,913	55,940
216.19	18,966	45,771	216.71	20,951	56,150
216.20	19,004	45,961	216.72	20,989	56,359
216.21	19,043	46,151	216.73	21,028	56,570
216.22	19,081	46,342	216.74	21,066	56,780
216.23	19,119	46,533	216.75	21,104	56,991
216.24	19,157	46,724			
216.25	19,195	46,916			
216.26	19,234	47,108			
216.27	19,272	47,301			
216.28	19,310	47,494			
216.29	19,348	47,687			
216.30	19,386	47,881			
216.31	19,424	48,075			
216.32	19,463	48,269			
216.33	19,501	48,464			
216.34	19,539	48,659			
216.35	19,577	48,855			
216.36	19,615	49,051			
216.37	19,653	49,247			
216.38	19,692	49,444			
216.39	19,730	49,641			
216.40	19,768	49,838			
216.41	19,806	50,036			
216.42	19,844	50,234			
216.43	19,882	50,433			
216.44	19,921	50,632			
216.45	19,959	50,831			
216.46	19,997	51,031			
216.47	20,035	51,231			
216.48	20,073	51,432			
216.49	20,111	51,633			
216.50	20,150	51,834			
216.51	20,188	52,036			
216.52	20,226	52,238			
216.53	20,264	52,440			
216.54	20,302	52,643			
216.55	20,341	52,846			
216.56	20,379	53,050			
216.57	20,417	53,254			
216.58	20,455	53,458			
216.59	20,493	53,663			
216.60	20,531	53,868			
216.61	20,570	54,074			
216.62	20,608	54,280			
216.63	20,646	54,486			

Summary for Pond B-4A: Basin #4A

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 6.38" for Current 100 yr event
 Inflow = 15.22 cfs @ 12.17 hrs, Volume= 1.240 af
 Outflow = 15.00 cfs @ 12.19 hrs, Volume= 0.956 af, Atten= 1%, Lag= 1.3 min
 Primary = 15.00 cfs @ 12.19 hrs, Volume= 0.956 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.75' @ 12.19 hrs Surf.Area= 6,057 sf Storage= 13,852 cf

Plug-Flow detention time= 151.7 min calculated for 0.956 af (77% of inflow)
 Center-of-Mass det. time= 64.4 min (849.2 - 784.8)

Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	13,855 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	3,912	0	0
204.00	4,724	4,318	4,318
205.00	5,604	5,164	9,482
205.75	6,057	4,373	13,855

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 37.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0541' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.85'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

Primary OutFlow Max=14.80 cfs @ 12.19 hrs HW=205.75' (Free Discharge)

- 1=Broad-Crested Rectangular Weir (Weir Controls 14.80 cfs @ 1.18 fps)
- 2=Culvert (Passes < 3.17 cfs potential flow)
- 3=Orifice/Grate (Passes < 7.18 cfs potential flow)
- 4=Sharp-Crested Rectangular Weir (Passes < 6.00 cfs potential flow)

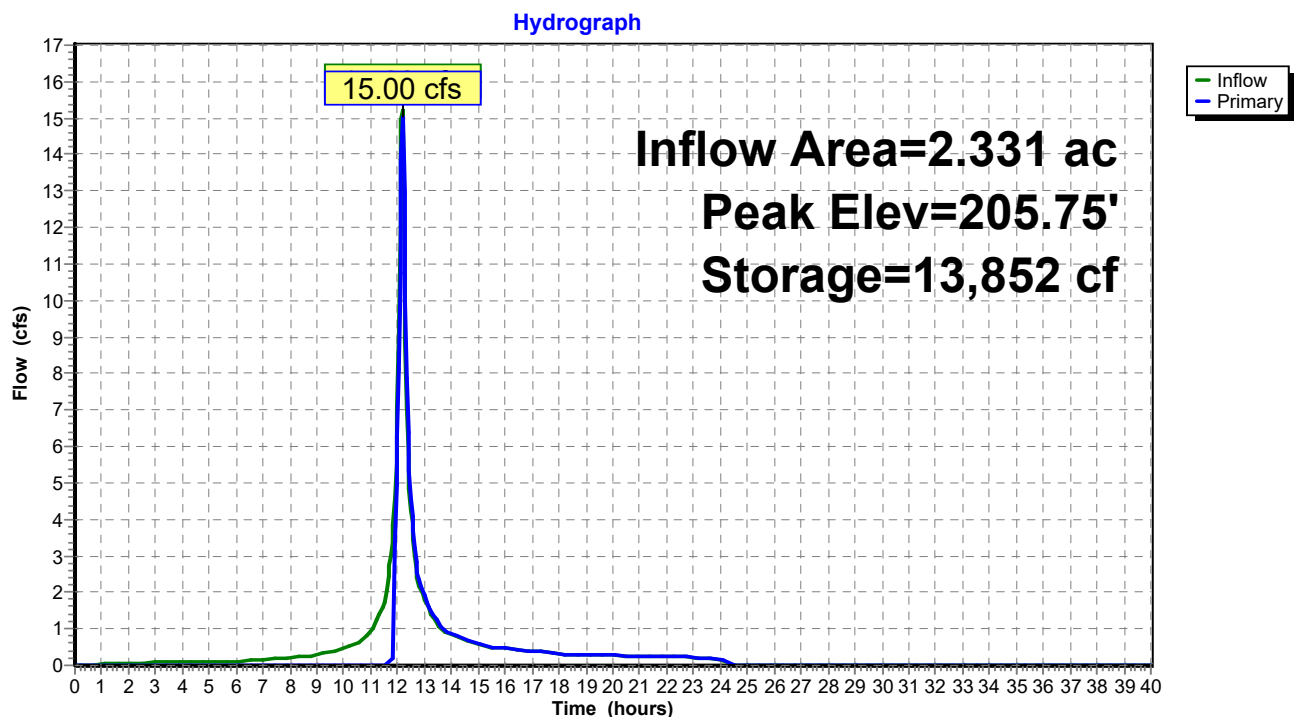
Pond B-4A: Basin #4A

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir

Orifice/Grate

Culvert

Pond B-4A: Basin #4A



Hydrograph for Pond B-4A: Basin #4A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.01	2	203.00	0.00
0.80	0.01	5	203.00	0.00
0.90	0.02	11	203.00	0.00
1.00	0.02	18	203.00	0.00
1.10	0.03	27	203.01	0.00
1.20	0.03	38	203.01	0.00
1.30	0.04	50	203.01	0.00
1.40	0.04	63	203.02	0.00
1.50	0.04	78	203.02	0.00
1.60	0.05	93	203.02	0.00
1.70	0.05	110	203.03	0.00
1.80	0.05	128	203.03	0.00
1.90	0.05	147	203.04	0.00
2.00	0.06	167	203.04	0.00
2.10	0.06	187	203.05	0.00
2.20	0.06	208	203.05	0.00
2.30	0.06	231	203.06	0.00
2.40	0.06	254	203.06	0.00
2.50	0.07	277	203.07	0.00
2.60	0.07	301	203.08	0.00
2.70	0.07	326	203.08	0.00
2.80	0.07	352	203.09	0.00
2.90	0.07	378	203.10	0.00
3.00	0.08	405	203.10	0.00
3.10	0.08	432	203.11	0.00
3.20	0.08	460	203.12	0.00
3.30	0.08	488	203.12	0.00
3.40	0.08	517	203.13	0.00
3.50	0.08	547	203.14	0.00
3.60	0.08	577	203.15	0.00
3.70	0.09	607	203.15	0.00
3.80	0.09	638	203.16	0.00
3.90	0.09	669	203.17	0.00
4.00	0.09	701	203.18	0.00
4.10	0.09	733	203.18	0.00
4.20	0.09	766	203.19	0.00
4.30	0.09	799	203.20	0.00
4.40	0.09	832	203.21	0.00
4.50	0.09	866	203.22	0.00
4.60	0.10	900	203.22	0.00
4.70	0.10	935	203.23	0.00
4.80	0.10	970	203.24	0.00
4.90	0.10	1,005	203.25	0.00
5.00	0.10	1,041	203.26	0.00
5.10	0.10	1,077	203.27	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,114	203.28	0.00
5.30	0.10	1,151	203.29	0.00
5.40	0.10	1,188	203.29	0.00
5.50	0.10	1,225	203.30	0.00
5.60	0.11	1,263	203.31	0.00
5.70	0.11	1,302	203.32	0.00
5.80	0.11	1,340	203.33	0.00
5.90	0.11	1,379	203.34	0.00
6.00	0.11	1,419	203.35	0.00
6.10	0.11	1,458	203.36	0.00
6.20	0.11	1,499	203.37	0.00
6.30	0.12	1,540	203.38	0.00
6.40	0.12	1,583	203.39	0.00
6.50	0.12	1,627	203.40	0.00
6.60	0.13	1,672	203.41	0.00
6.70	0.13	1,720	203.42	0.00
6.80	0.14	1,769	203.43	0.00
6.90	0.14	1,820	203.44	0.00
7.00	0.15	1,873	203.46	0.00
7.10	0.16	1,928	203.47	0.00
7.20	0.16	1,986	203.48	0.00
7.30	0.17	2,045	203.50	0.00
7.40	0.17	2,106	203.51	0.00
7.50	0.18	2,169	203.53	0.00
7.60	0.18	2,234	203.54	0.00
7.70	0.19	2,302	203.56	0.00
7.80	0.20	2,371	203.57	0.00
7.90	0.20	2,443	203.59	0.00
8.00	0.21	2,517	203.61	0.00
8.10	0.22	2,594	203.62	0.00
8.20	0.22	2,673	203.64	0.00
8.30	0.23	2,754	203.66	0.00
8.40	0.24	2,837	203.68	0.00
8.50	0.24	2,923	203.70	0.00
8.60	0.25	3,012	203.72	0.00
8.70	0.26	3,103	203.74	0.00
8.80	0.26	3,196	203.76	0.00
8.90	0.27	3,292	203.78	0.00
9.00	0.28	3,391	203.80	0.00
9.10	0.29	3,492	203.82	0.00
9.20	0.30	3,599	203.85	0.00
9.30	0.32	3,711	203.87	0.00
9.40	0.34	3,831	203.90	0.00
9.50	0.36	3,958	203.92	0.00
9.60	0.38	4,092	203.95	0.00
9.70	0.40	4,234	203.98	0.00
9.80	0.43	4,383	204.01	0.00
9.90	0.45	4,540	204.05	0.00
10.00	0.47	4,706	204.08	0.00
10.10	0.49	4,879	204.12	0.00
10.20	0.52	5,061	204.16	0.00
10.30	0.54	5,252	204.19	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.57	5,451	204.23	0.00
10.50	0.59	5,659	204.28	0.00
10.60	0.63	5,878	204.32	0.00
10.70	0.70	6,116	204.37	0.00
10.80	0.78	6,381	204.42	0.00
10.90	0.86	6,674	204.48	0.00
11.00	0.94	6,999	204.54	0.00
11.10	1.05	7,356	204.61	0.00
11.20	1.19	7,759	204.68	0.00
11.30	1.35	8,217	204.77	0.00
11.40	1.52	8,735	204.87	0.00
11.50	1.69	9,314	204.97	0.00
11.60	2.06	9,976	205.09	0.00
11.70	2.73	10,844	205.24	0.00
11.80	3.35	11,927	205.43	0.00
11.90	4.56	12,922	205.59	3.45
12.00	7.01	13,197	205.64	6.22
12.10	12.05	13,564	205.70	10.75
12.20	14.71	13,849	205.75	14.97
12.30	8.94	13,512	205.69	10.03
12.40	5.76	13,210	205.64	6.38
12.50	4.24	13,039	205.61	4.56
12.60	3.44	12,947	205.60	3.69
12.70	2.60	12,853	205.58	2.83
12.80	2.24	12,793	205.57	2.35
12.90	2.02	12,760	205.57	2.09
13.00	1.82	12,734	205.56	1.89
13.10	1.63	12,710	205.56	1.70
13.20	1.46	12,686	205.56	1.53
13.30	1.34	12,664	205.55	1.39
13.40	1.23	12,645	205.55	1.28
13.50	1.13	12,628	205.55	1.17
13.60	1.02	12,612	205.54	1.07
13.70	0.94	12,596	205.54	0.98
13.80	0.90	12,586	205.54	0.92
13.90	0.87	12,581	205.54	0.88
14.00	0.84	12,576	205.54	0.85
14.10	0.81	12,572	205.54	0.82
14.20	0.78	12,567	205.54	0.80
14.30	0.76	12,563	205.53	0.77
14.40	0.73	12,559	205.53	0.74
14.50	0.70	12,554	205.53	0.72
14.60	0.68	12,550	205.53	0.69
14.70	0.65	12,546	205.53	0.66
14.80	0.62	12,541	205.53	0.63
14.90	0.60	12,537	205.53	0.61
15.00	0.57	12,531	205.53	0.59
15.10	0.54	12,524	205.53	0.56
15.20	0.52	12,517	205.53	0.54
15.30	0.51	12,512	205.53	0.52
15.40	0.50	12,509	205.53	0.51
15.50	0.49	12,507	205.52	0.50

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	12,505	205.52	0.49
15.70	0.48	12,503	205.52	0.48
15.80	0.47	12,501	205.52	0.48
15.90	0.46	12,499	205.52	0.47
16.00	0.46	12,497	205.52	0.46
16.10	0.45	12,495	205.52	0.45
16.20	0.44	12,493	205.52	0.45
16.30	0.44	12,491	205.52	0.44
16.40	0.43	12,489	205.52	0.43
16.50	0.42	12,487	205.52	0.43
16.60	0.41	12,485	205.52	0.42
16.70	0.41	12,483	205.52	0.41
16.80	0.40	12,481	205.52	0.40
16.90	0.39	12,479	205.52	0.40
17.00	0.38	12,477	205.52	0.39
17.10	0.38	12,475	205.52	0.38
17.20	0.37	12,473	205.52	0.38
17.30	0.36	12,471	205.52	0.37
17.40	0.35	12,469	205.52	0.36
17.50	0.35	12,467	205.52	0.35
17.60	0.34	12,465	205.52	0.35
17.70	0.33	12,463	205.52	0.34
17.80	0.33	12,461	205.52	0.33
17.90	0.32	12,459	205.52	0.32
18.00	0.31	12,457	205.52	0.32
18.10	0.30	12,455	205.52	0.31
18.20	0.30	12,453	205.52	0.30
18.30	0.30	12,452	205.52	0.30
18.40	0.29	12,451	205.52	0.30
18.50	0.29	12,451	205.52	0.29
18.60	0.29	12,450	205.52	0.29
18.70	0.29	12,450	205.52	0.29
18.80	0.29	12,449	205.52	0.29
18.90	0.28	12,449	205.52	0.29
19.00	0.28	12,448	205.51	0.28
19.10	0.28	12,448	205.51	0.28
19.20	0.28	12,447	205.51	0.28
19.30	0.28	12,447	205.51	0.28
19.40	0.28	12,446	205.51	0.28
19.50	0.27	12,446	205.51	0.28
19.60	0.27	12,445	205.51	0.27
19.70	0.27	12,445	205.51	0.27
19.80	0.27	12,444	205.51	0.27
19.90	0.27	12,444	205.51	0.27
20.00	0.27	12,443	205.51	0.27
20.10	0.26	12,443	205.51	0.26
20.20	0.26	12,442	205.51	0.26
20.30	0.26	12,442	205.51	0.26
20.40	0.26	12,441	205.51	0.26
20.50	0.26	12,441	205.51	0.26
20.60	0.25	12,440	205.51	0.26
20.70	0.25	12,440	205.51	0.25

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	12,439	205.51	0.25
20.90	0.25	12,439	205.51	0.25
21.00	0.25	12,438	205.51	0.25
21.10	0.24	12,438	205.51	0.25
21.20	0.24	12,437	205.51	0.24
21.30	0.24	12,437	205.51	0.24
21.40	0.24	12,436	205.51	0.24
21.50	0.24	12,436	205.51	0.24
21.60	0.24	12,435	205.51	0.24
21.70	0.23	12,435	205.51	0.24
21.80	0.23	12,434	205.51	0.23
21.90	0.23	12,434	205.51	0.23
22.00	0.23	12,433	205.51	0.23
22.10	0.23	12,433	205.51	0.23
22.20	0.23	12,432	205.51	0.23
22.30	0.22	12,432	205.51	0.23
22.40	0.22	12,431	205.51	0.22
22.50	0.22	12,431	205.51	0.22
22.60	0.22	12,430	205.51	0.22
22.70	0.22	12,430	205.51	0.22
22.80	0.21	12,429	205.51	0.22
22.90	0.21	12,429	205.51	0.21
23.00	0.21	12,428	205.51	0.21
23.10	0.21	12,428	205.51	0.21
23.20	0.21	12,427	205.51	0.21
23.30	0.20	12,427	205.51	0.21
23.40	0.20	12,426	205.51	0.20
23.50	0.20	12,426	205.51	0.20
23.60	0.20	12,425	205.51	0.20
23.70	0.20	12,425	205.51	0.20
23.80	0.20	12,424	205.51	0.20
23.90	0.19	12,424	205.51	0.20
24.00	0.20	12,424	205.51	0.20
24.10	0.17	12,424	205.51	0.20
24.20	0.05	12,404	205.51	0.12
24.30	0.01	12,384	205.50	0.05
24.40	0.00	12,375	205.50	0.02
24.50	0.00	12,370	205.50	0.01
24.60	0.00	12,367	205.50	0.01
24.70	0.00	12,365	205.50	0.01
24.80	0.00	12,363	205.50	0.00
24.90	0.00	12,362	205.50	0.00
25.00	0.00	12,361	205.50	0.00
25.10	0.00	12,361	205.50	0.00
25.20	0.00	12,360	205.50	0.00
25.30	0.00	12,360	205.50	0.00
25.40	0.00	12,360	205.50	0.00
25.50	0.00	12,360	205.50	0.00
25.60	0.00	12,360	205.50	0.00
25.70	0.00	12,360	205.50	0.00
25.80	0.00	12,360	205.50	0.00
25.90	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,360	205.50	0.00
26.10	0.00	12,360	205.50	0.00
26.20	0.00	12,360	205.50	0.00
26.30	0.00	12,360	205.50	0.00
26.40	0.00	12,360	205.50	0.00
26.50	0.00	12,360	205.50	0.00
26.60	0.00	12,360	205.50	0.00
26.70	0.00	12,360	205.50	0.00
26.80	0.00	12,360	205.50	0.00
26.90	0.00	12,360	205.50	0.00
27.00	0.00	12,360	205.50	0.00
27.10	0.00	12,360	205.50	0.00
27.20	0.00	12,360	205.50	0.00
27.30	0.00	12,360	205.50	0.00
27.40	0.00	12,360	205.50	0.00
27.50	0.00	12,360	205.50	0.00
27.60	0.00	12,360	205.50	0.00
27.70	0.00	12,360	205.50	0.00
27.80	0.00	12,360	205.50	0.00
27.90	0.00	12,360	205.50	0.00
28.00	0.00	12,360	205.50	0.00
28.10	0.00	12,360	205.50	0.00
28.20	0.00	12,360	205.50	0.00
28.30	0.00	12,360	205.50	0.00
28.40	0.00	12,360	205.50	0.00
28.50	0.00	12,360	205.50	0.00
28.60	0.00	12,360	205.50	0.00
28.70	0.00	12,360	205.50	0.00
28.80	0.00	12,360	205.50	0.00
28.90	0.00	12,360	205.50	0.00
29.00	0.00	12,360	205.50	0.00
29.10	0.00	12,360	205.50	0.00
29.20	0.00	12,360	205.50	0.00
29.30	0.00	12,360	205.50	0.00
29.40	0.00	12,360	205.50	0.00
29.50	0.00	12,360	205.50	0.00
29.60	0.00	12,360	205.50	0.00
29.70	0.00	12,360	205.50	0.00
29.80	0.00	12,360	205.50	0.00
29.90	0.00	12,360	205.50	0.00
30.00	0.00	12,360	205.50	0.00
30.10	0.00	12,360	205.50	0.00
30.20	0.00	12,360	205.50	0.00
30.30	0.00	12,360	205.50	0.00
30.40	0.00	12,360	205.50	0.00
30.50	0.00	12,360	205.50	0.00
30.60	0.00	12,360	205.50	0.00
30.70	0.00	12,360	205.50	0.00
30.80	0.00	12,360	205.50	0.00
30.90	0.00	12,360	205.50	0.00
31.00	0.00	12,360	205.50	0.00
31.10	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,360	205.50	0.00
31.30	0.00	12,360	205.50	0.00
31.40	0.00	12,360	205.50	0.00
31.50	0.00	12,360	205.50	0.00
31.60	0.00	12,360	205.50	0.00
31.70	0.00	12,360	205.50	0.00
31.80	0.00	12,360	205.50	0.00
31.90	0.00	12,360	205.50	0.00
32.00	0.00	12,360	205.50	0.00
32.10	0.00	12,360	205.50	0.00
32.20	0.00	12,360	205.50	0.00
32.30	0.00	12,360	205.50	0.00
32.40	0.00	12,360	205.50	0.00
32.50	0.00	12,360	205.50	0.00
32.60	0.00	12,360	205.50	0.00
32.70	0.00	12,360	205.50	0.00
32.80	0.00	12,360	205.50	0.00
32.90	0.00	12,360	205.50	0.00
33.00	0.00	12,360	205.50	0.00
33.10	0.00	12,360	205.50	0.00
33.20	0.00	12,360	205.50	0.00
33.30	0.00	12,360	205.50	0.00
33.40	0.00	12,360	205.50	0.00
33.50	0.00	12,360	205.50	0.00
33.60	0.00	12,360	205.50	0.00
33.70	0.00	12,360	205.50	0.00
33.80	0.00	12,360	205.50	0.00
33.90	0.00	12,360	205.50	0.00
34.00	0.00	12,360	205.50	0.00
34.10	0.00	12,360	205.50	0.00
34.20	0.00	12,360	205.50	0.00
34.30	0.00	12,360	205.50	0.00
34.40	0.00	12,360	205.50	0.00
34.50	0.00	12,360	205.50	0.00
34.60	0.00	12,360	205.50	0.00
34.70	0.00	12,360	205.50	0.00
34.80	0.00	12,360	205.50	0.00
34.90	0.00	12,360	205.50	0.00
35.00	0.00	12,360	205.50	0.00
35.10	0.00	12,360	205.50	0.00
35.20	0.00	12,360	205.50	0.00
35.30	0.00	12,360	205.50	0.00
35.40	0.00	12,360	205.50	0.00
35.50	0.00	12,360	205.50	0.00
35.60	0.00	12,360	205.50	0.00
35.70	0.00	12,360	205.50	0.00
35.80	0.00	12,360	205.50	0.00
35.90	0.00	12,360	205.50	0.00
36.00	0.00	12,360	205.50	0.00
36.10	0.00	12,360	205.50	0.00
36.20	0.00	12,360	205.50	0.00
36.30	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	12,360	205.50	0.00
36.50	0.00	12,360	205.50	0.00
36.60	0.00	12,360	205.50	0.00
36.70	0.00	12,360	205.50	0.00
36.80	0.00	12,360	205.50	0.00
36.90	0.00	12,360	205.50	0.00
37.00	0.00	12,360	205.50	0.00
37.10	0.00	12,360	205.50	0.00
37.20	0.00	12,360	205.50	0.00
37.30	0.00	12,360	205.50	0.00
37.40	0.00	12,360	205.50	0.00
37.50	0.00	12,360	205.50	0.00
37.60	0.00	12,360	205.50	0.00
37.70	0.00	12,360	205.50	0.00
37.80	0.00	12,360	205.50	0.00
37.90	0.00	12,360	205.50	0.00
38.00	0.00	12,360	205.50	0.00
38.10	0.00	12,360	205.50	0.00
38.20	0.00	12,360	205.50	0.00
38.30	0.00	12,360	205.50	0.00
38.40	0.00	12,360	205.50	0.00
38.50	0.00	12,360	205.50	0.00
38.60	0.00	12,360	205.50	0.00
38.70	0.00	12,360	205.50	0.00
38.80	0.00	12,360	205.50	0.00
38.90	0.00	12,360	205.50	0.00
39.00	0.00	12,360	205.50	0.00
39.10	0.00	12,360	205.50	0.00
39.20	0.00	12,360	205.50	0.00
39.30	0.00	12,360	205.50	0.00
39.40	0.00	12,360	205.50	0.00
39.50	0.00	12,360	205.50	0.00
39.60	0.00	12,360	205.50	0.00
39.70	0.00	12,360	205.50	0.00
39.80	0.00	12,360	205.50	0.00
39.90	0.00	12,360	205.50	0.00
40.00	0.00	12,360	205.50	0.00

Stage-Discharge for Pond B-4A: Basin #4A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.00
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.00
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.00
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.00
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.00
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.00
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.00

Stage-Discharge for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.00	205.60	3.72
205.09	0.00	205.61	4.29
205.10	0.00	205.62	4.89
205.11	0.00	205.63	5.52
205.12	0.00	205.64	6.17
205.13	0.00	205.65	6.85
205.14	0.00	205.66	7.55
205.15	0.00	205.67	8.27
205.16	0.00	205.68	9.01
205.17	0.00	205.69	9.78
205.18	0.00	205.70	10.57
205.19	0.00	205.71	11.41
205.20	0.00	205.72	12.28
205.21	0.00	205.73	13.18
205.22	0.00	205.74	14.11
205.23	0.00	205.75	15.05
205.24	0.00		
205.25	0.00		
205.26	0.00		
205.27	0.00		
205.28	0.00		
205.29	0.00		
205.30	0.00		
205.31	0.00		
205.32	0.00		
205.33	0.00		
205.34	0.00		
205.35	0.00		
205.36	0.00		
205.37	0.00		
205.38	0.00		
205.39	0.00		
205.40	0.00		
205.41	0.00		
205.42	0.00		
205.43	0.00		
205.44	0.00		
205.45	0.00		
205.46	0.00		
205.47	0.00		
205.48	0.00		
205.49	0.00		
205.50	0.00		
205.51	0.12		
205.52	0.33		
205.53	0.61		
205.54	0.94		
205.55	1.31		
205.56	1.72		
205.57	2.17		
205.58	2.66		
205.59	3.17		

Stage-Area-Storage for Pond B-4A: Basin #4A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	3,912	0	203.52	4,334	2,144
203.01	3,920	39	203.53	4,342	2,187
203.02	3,928	78	203.54	4,350	2,231
203.03	3,936	118	203.55	4,359	2,274
203.04	3,944	157	203.56	4,367	2,318
203.05	3,953	197	203.57	4,375	2,362
203.06	3,961	236	203.58	4,383	2,406
203.07	3,969	276	203.59	4,391	2,449
203.08	3,977	316	203.60	4,399	2,493
203.09	3,985	355	203.61	4,407	2,537
203.10	3,993	395	203.62	4,415	2,582
203.11	4,001	435	203.63	4,424	2,626
203.12	4,009	475	203.64	4,432	2,670
203.13	4,018	515	203.65	4,440	2,714
203.14	4,026	556	203.66	4,448	2,759
203.15	4,034	596	203.67	4,456	2,803
203.16	4,042	636	203.68	4,464	2,848
203.17	4,050	677	203.69	4,472	2,893
203.18	4,058	717	203.70	4,480	2,937
203.19	4,066	758	203.71	4,489	2,982
203.20	4,074	799	203.72	4,497	3,027
203.21	4,083	839	203.73	4,505	3,072
203.22	4,091	880	203.74	4,513	3,117
203.23	4,099	921	203.75	4,521	3,162
203.24	4,107	962	203.76	4,529	3,208
203.25	4,115	1,003	203.77	4,537	3,253
203.26	4,123	1,045	203.78	4,545	3,298
203.27	4,131	1,086	203.79	4,553	3,344
203.28	4,139	1,127	203.80	4,562	3,389
203.29	4,147	1,169	203.81	4,570	3,435
203.30	4,156	1,210	203.82	4,578	3,481
203.31	4,164	1,252	203.83	4,586	3,527
203.32	4,172	1,293	203.84	4,594	3,573
203.33	4,180	1,335	203.85	4,602	3,619
203.34	4,188	1,377	203.86	4,610	3,665
203.35	4,196	1,419	203.87	4,618	3,711
203.36	4,204	1,461	203.88	4,627	3,757
203.37	4,212	1,503	203.89	4,635	3,803
203.38	4,221	1,545	203.90	4,643	3,850
203.39	4,229	1,587	203.91	4,651	3,896
203.40	4,237	1,630	203.92	4,659	3,943
203.41	4,245	1,672	203.93	4,667	3,989
203.42	4,253	1,715	203.94	4,675	4,036
203.43	4,261	1,757	203.95	4,683	4,083
203.44	4,269	1,800	203.96	4,692	4,130
203.45	4,277	1,843	203.97	4,700	4,177
203.46	4,286	1,885	203.98	4,708	4,224
203.47	4,294	1,928	203.99	4,716	4,271
203.48	4,302	1,971	204.00	4,724	4,318
203.49	4,310	2,014	204.01	4,733	4,365
203.50	4,318	2,058	204.02	4,742	4,413
203.51	4,326	2,101	204.03	4,750	4,460

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	4,759	4,508	204.56	5,217	7,101
204.05	4,768	4,555	204.57	5,226	7,154
204.06	4,777	4,603	204.58	5,234	7,206
204.07	4,786	4,651	204.59	5,243	7,258
204.08	4,794	4,699	204.60	5,252	7,311
204.09	4,803	4,747	204.61	5,261	7,363
204.10	4,812	4,795	204.62	5,270	7,416
204.11	4,821	4,843	204.63	5,278	7,469
204.12	4,830	4,891	204.64	5,287	7,522
204.13	4,838	4,940	204.65	5,296	7,575
204.14	4,847	4,988	204.66	5,305	7,628
204.15	4,856	5,037	204.67	5,314	7,681
204.16	4,865	5,085	204.68	5,322	7,734
204.17	4,874	5,134	204.69	5,331	7,787
204.18	4,882	5,183	204.70	5,340	7,840
204.19	4,891	5,231	204.71	5,349	7,894
204.20	4,900	5,280	204.72	5,358	7,947
204.21	4,909	5,329	204.73	5,366	8,001
204.22	4,918	5,379	204.74	5,375	8,055
204.23	4,926	5,428	204.75	5,384	8,109
204.24	4,935	5,477	204.76	5,393	8,162
204.25	4,944	5,527	204.77	5,402	8,216
204.26	4,953	5,576	204.78	5,410	8,270
204.27	4,962	5,626	204.79	5,419	8,325
204.28	4,970	5,675	204.80	5,428	8,379
204.29	4,979	5,725	204.81	5,437	8,433
204.30	4,988	5,775	204.82	5,446	8,488
204.31	4,997	5,825	204.83	5,454	8,542
204.32	5,006	5,875	204.84	5,463	8,597
204.33	5,014	5,925	204.85	5,472	8,651
204.34	5,023	5,975	204.86	5,481	8,706
204.35	5,032	6,025	204.87	5,490	8,761
204.36	5,041	6,076	204.88	5,498	8,816
204.37	5,050	6,126	204.89	5,507	8,871
204.38	5,058	6,177	204.90	5,516	8,926
204.39	5,067	6,227	204.91	5,525	8,981
204.40	5,076	6,278	204.92	5,534	9,036
204.41	5,085	6,329	204.93	5,542	9,092
204.42	5,094	6,380	204.94	5,551	9,147
204.43	5,102	6,431	204.95	5,560	9,203
204.44	5,111	6,482	204.96	5,569	9,259
204.45	5,120	6,533	204.97	5,578	9,314
204.46	5,129	6,584	204.98	5,586	9,370
204.47	5,138	6,635	204.99	5,595	9,426
204.48	5,146	6,687	205.00	5,604	9,482
204.49	5,155	6,738	205.01	5,610	9,538
204.50	5,164	6,790	205.02	5,616	9,594
204.51	5,173	6,842	205.03	5,622	9,650
204.52	5,182	6,893	205.04	5,628	9,707
204.53	5,190	6,945	205.05	5,634	9,763
204.54	5,199	6,997	205.06	5,640	9,819
204.55	5,208	7,049	205.07	5,646	9,876

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	5,652	9,932	205.60	5,966	12,953
205.09	5,658	9,989	205.61	5,972	13,013
205.10	5,664	10,045	205.62	5,978	13,073
205.11	5,670	10,102	205.63	5,985	13,132
205.12	5,676	10,159	205.64	5,991	13,192
205.13	5,683	10,216	205.65	5,997	13,252
205.14	5,689	10,272	205.66	6,003	13,312
205.15	5,695	10,329	205.67	6,009	13,372
205.16	5,701	10,386	205.68	6,015	13,432
205.17	5,707	10,443	205.69	6,021	13,493
205.18	5,713	10,501	205.70	6,027	13,553
205.19	5,719	10,558	205.71	6,033	13,613
205.20	5,725	10,615	205.72	6,039	13,673
205.21	5,731	10,672	205.73	6,045	13,734
205.22	5,737	10,729	205.74	6,051	13,794
205.23	5,743	10,787	205.75	6,057	13,855
205.24	5,749	10,844			
205.25	5,755	10,902			
205.26	5,761	10,959			
205.27	5,767	11,017			
205.28	5,773	11,075			
205.29	5,779	11,133			
205.30	5,785	11,190			
205.31	5,791	11,248			
205.32	5,797	11,306			
205.33	5,803	11,364			
205.34	5,809	11,422			
205.35	5,815	11,480			
205.36	5,821	11,539			
205.37	5,827	11,597			
205.38	5,834	11,655			
205.39	5,840	11,713			
205.40	5,846	11,772			
205.41	5,852	11,830			
205.42	5,858	11,889			
205.43	5,864	11,948			
205.44	5,870	12,006			
205.45	5,876	12,065			
205.46	5,882	12,124			
205.47	5,888	12,183			
205.48	5,894	12,242			
205.49	5,900	12,300			
205.50	5,906	12,360			
205.51	5,912	12,419			
205.52	5,918	12,478			
205.53	5,924	12,537			
205.54	5,930	12,596			
205.55	5,936	12,656			
205.56	5,942	12,715			
205.57	5,948	12,774			
205.58	5,954	12,834			
205.59	5,960	12,893			

Summary for Pond B-4B: Basin #4B

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 6.38" for Current 100 yr event
 Inflow = 15.22 cfs @ 12.17 hrs, Volume= 1.240 af
 Outflow = 14.89 cfs @ 12.20 hrs, Volume= 0.996 af, Atten= 2%, Lag= 1.5 min
 Primary = 14.89 cfs @ 12.20 hrs, Volume= 0.996 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.67' @ 12.20 hrs Surf.Area= 6,874 sf Storage= 15,057 cf

Plug-Flow detention time= 151.1 min calculated for 0.995 af (80% of inflow)
 Center-of-Mass det. time= 71.4 min (856.2 - 784.8)

Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	15,634 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	4,292	0	0
204.00	5,294	4,793	4,793
205.00	6,393	5,844	10,637
205.75	6,934	4,998	15,634

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 35.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0571 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.77'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Primary	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

Primary OutFlow Max=14.79 cfs @ 12.20 hrs HW=205.67' (Free Discharge)

1=Broad-Crested Rectangular Weir (Weir Controls 7.93 cfs @ 0.95 fps)
 2=Culvert (Passes < 2.60 cfs potential flow)
 3=Orifice/Grate (Passes < 5.87 cfs potential flow)
 4=Sharp-Crested Rectangular Weir (Weir Controls 6.86 cfs @ 2.67 fps)

Pond B-4B: Basin #4B

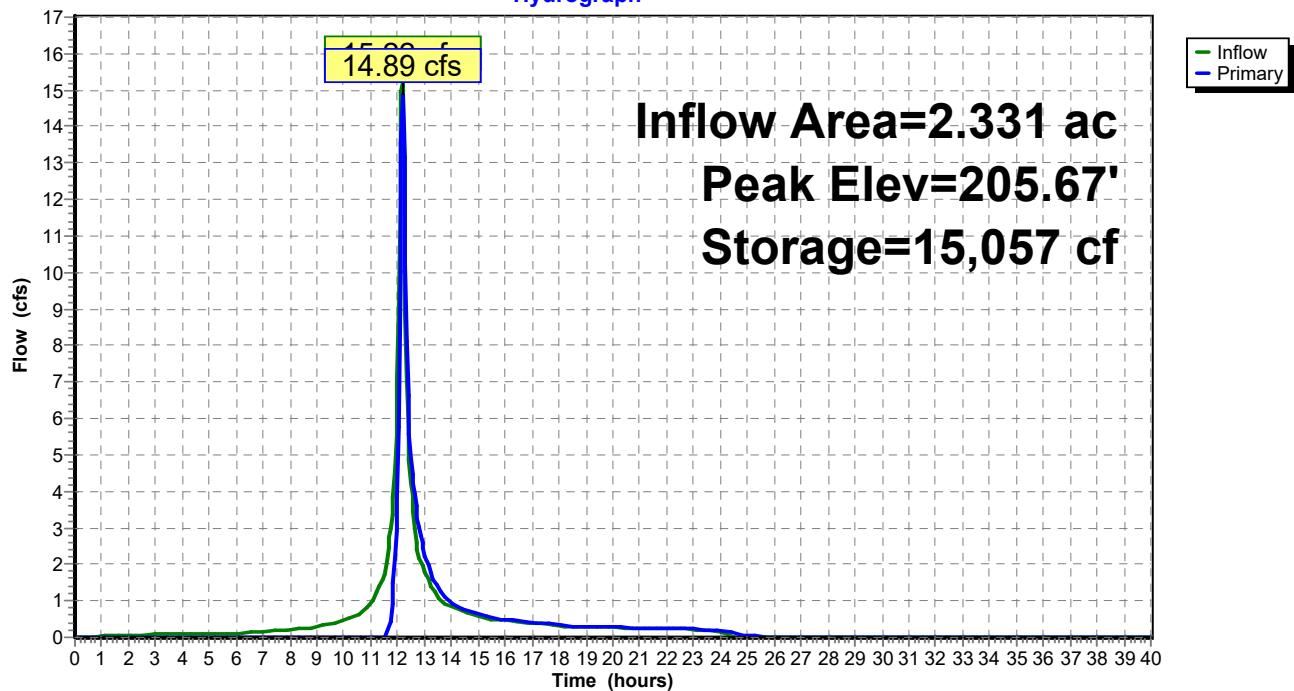
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir

Orifice/Grate

Culvert

Pond B-4B: Basin #4B

Hydrograph



Hydrograph for Pond B-4B: Basin #4B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.01	2	203.00	0.00
0.80	0.01	5	203.00	0.00
0.90	0.02	11	203.00	0.00
1.00	0.02	18	203.00	0.00
1.10	0.03	27	203.01	0.00
1.20	0.03	38	203.01	0.00
1.30	0.04	50	203.01	0.00
1.40	0.04	63	203.01	0.00
1.50	0.04	78	203.02	0.00
1.60	0.05	93	203.02	0.00
1.70	0.05	110	203.03	0.00
1.80	0.05	128	203.03	0.00
1.90	0.05	147	203.03	0.00
2.00	0.06	167	203.04	0.00
2.10	0.06	187	203.04	0.00
2.20	0.06	208	203.05	0.00
2.30	0.06	231	203.05	0.00
2.40	0.06	254	203.06	0.00
2.50	0.07	277	203.06	0.00
2.60	0.07	301	203.07	0.00
2.70	0.07	326	203.08	0.00
2.80	0.07	352	203.08	0.00
2.90	0.07	378	203.09	0.00
3.00	0.08	405	203.09	0.00
3.10	0.08	432	203.10	0.00
3.20	0.08	460	203.11	0.00
3.30	0.08	488	203.11	0.00
3.40	0.08	517	203.12	0.00
3.50	0.08	547	203.13	0.00
3.60	0.08	577	203.13	0.00
3.70	0.09	607	203.14	0.00
3.80	0.09	638	203.15	0.00
3.90	0.09	669	203.15	0.00
4.00	0.09	701	203.16	0.00
4.10	0.09	733	203.17	0.00
4.20	0.09	766	203.17	0.00
4.30	0.09	799	203.18	0.00
4.40	0.09	832	203.19	0.00
4.50	0.09	866	203.20	0.00
4.60	0.10	900	203.20	0.00
4.70	0.10	935	203.21	0.00
4.80	0.10	970	203.22	0.00
4.90	0.10	1,005	203.23	0.00
5.00	0.10	1,041	203.24	0.00
5.10	0.10	1,077	203.24	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,114	203.25	0.00
5.30	0.10	1,151	203.26	0.00
5.40	0.10	1,188	203.27	0.00
5.50	0.10	1,225	203.28	0.00
5.60	0.11	1,263	203.28	0.00
5.70	0.11	1,302	203.29	0.00
5.80	0.11	1,340	203.30	0.00
5.90	0.11	1,379	203.31	0.00
6.00	0.11	1,419	203.32	0.00
6.10	0.11	1,458	203.33	0.00
6.20	0.11	1,499	203.34	0.00
6.30	0.12	1,540	203.34	0.00
6.40	0.12	1,583	203.35	0.00
6.50	0.12	1,627	203.36	0.00
6.60	0.13	1,672	203.37	0.00
6.70	0.13	1,720	203.38	0.00
6.80	0.14	1,769	203.39	0.00
6.90	0.14	1,820	203.40	0.00
7.00	0.15	1,873	203.42	0.00
7.10	0.16	1,928	203.43	0.00
7.20	0.16	1,986	203.44	0.00
7.30	0.17	2,045	203.45	0.00
7.40	0.17	2,106	203.47	0.00
7.50	0.18	2,169	203.48	0.00
7.60	0.18	2,234	203.49	0.00
7.70	0.19	2,302	203.51	0.00
7.80	0.20	2,371	203.52	0.00
7.90	0.20	2,443	203.54	0.00
8.00	0.21	2,517	203.55	0.00
8.10	0.22	2,594	203.57	0.00
8.20	0.22	2,673	203.58	0.00
8.30	0.23	2,754	203.60	0.00
8.40	0.24	2,837	203.62	0.00
8.50	0.24	2,923	203.63	0.00
8.60	0.25	3,012	203.65	0.00
8.70	0.26	3,103	203.67	0.00
8.80	0.26	3,196	203.69	0.00
8.90	0.27	3,292	203.71	0.00
9.00	0.28	3,391	203.73	0.00
9.10	0.29	3,492	203.75	0.00
9.20	0.30	3,599	203.77	0.00
9.30	0.32	3,711	203.79	0.00
9.40	0.34	3,831	203.82	0.00
9.50	0.36	3,958	203.84	0.00
9.60	0.38	4,092	203.87	0.00
9.70	0.40	4,234	203.89	0.00
9.80	0.43	4,383	203.92	0.00
9.90	0.45	4,540	203.95	0.00
10.00	0.47	4,706	203.98	0.00
10.10	0.49	4,879	204.02	0.00
10.20	0.52	5,061	204.05	0.00
10.30	0.54	5,252	204.09	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.57	5,451	204.12	0.00
10.50	0.59	5,659	204.16	0.00
10.60	0.63	5,878	204.20	0.00
10.70	0.70	6,116	204.24	0.00
10.80	0.78	6,381	204.29	0.00
10.90	0.86	6,674	204.34	0.00
11.00	0.94	6,999	204.40	0.00
11.10	1.05	7,356	204.46	0.00
11.20	1.19	7,759	204.53	0.00
11.30	1.35	8,217	204.61	0.00
11.40	1.52	8,735	204.69	0.00
11.50	1.69	9,314	204.79	0.00
11.60	2.06	9,976	204.90	0.00
11.70	2.73	10,837	205.03	0.08
11.80	3.35	11,751	205.17	0.93
11.90	4.56	12,609	205.30	2.15
12.00	7.01	13,579	205.45	3.85
12.10	12.05	14,640	205.61	10.03
12.20	14.71	15,057	205.67	14.89
12.30	8.94	14,668	205.61	10.31
12.40	5.76	14,275	205.55	6.63
12.50	4.24	14,006	205.51	4.90
12.60	3.44	13,772	205.48	4.21
12.70	2.60	13,440	205.43	3.59
12.80	2.24	13,121	205.38	3.01
12.90	2.02	12,880	205.34	2.60
13.00	1.82	12,693	205.32	2.29
13.10	1.63	12,536	205.29	2.04
13.20	1.46	12,396	205.27	1.82
13.30	1.34	12,276	205.25	1.64
13.40	1.23	12,174	205.24	1.50
13.50	1.13	12,083	205.22	1.37
13.60	1.02	11,999	205.21	1.25
13.70	0.94	11,920	205.20	1.15
13.80	0.90	11,853	205.19	1.06
13.90	0.87	11,800	205.18	0.99
14.00	0.84	11,759	205.17	0.94
14.10	0.81	11,725	205.17	0.90
14.20	0.78	11,695	205.16	0.86
14.30	0.76	11,667	205.16	0.83
14.40	0.73	11,642	205.16	0.80
14.50	0.70	11,617	205.15	0.77
14.60	0.68	11,593	205.15	0.74
14.70	0.65	11,569	205.14	0.72
14.80	0.62	11,546	205.14	0.69
14.90	0.60	11,521	205.14	0.66
15.00	0.57	11,497	205.13	0.64
15.10	0.54	11,472	205.13	0.61
15.20	0.52	11,448	205.13	0.58
15.30	0.51	11,427	205.12	0.56
15.40	0.50	11,409	205.12	0.54
15.50	0.49	11,396	205.12	0.53

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	11,384	205.12	0.52
15.70	0.48	11,374	205.11	0.51
15.80	0.47	11,364	205.11	0.50
15.90	0.46	11,355	205.11	0.49
16.00	0.46	11,347	205.11	0.48
16.10	0.45	11,338	205.11	0.47
16.20	0.44	11,331	205.11	0.46
16.30	0.44	11,323	205.11	0.46
16.40	0.43	11,315	205.11	0.45
16.50	0.42	11,308	205.10	0.44
16.60	0.41	11,300	205.10	0.43
16.70	0.41	11,293	205.10	0.43
16.80	0.40	11,285	205.10	0.42
16.90	0.39	11,278	205.10	0.41
17.00	0.38	11,270	205.10	0.41
17.10	0.38	11,263	205.10	0.40
17.20	0.37	11,255	205.10	0.39
17.30	0.36	11,248	205.10	0.38
17.40	0.35	11,240	205.09	0.38
17.50	0.35	11,233	205.09	0.37
17.60	0.34	11,225	205.09	0.36
17.70	0.33	11,218	205.09	0.35
17.80	0.33	11,210	205.09	0.35
17.90	0.32	11,203	205.09	0.34
18.00	0.31	11,195	205.09	0.33
18.10	0.30	11,186	205.09	0.33
18.20	0.30	11,178	205.08	0.32
18.30	0.30	11,171	205.08	0.31
18.40	0.29	11,164	205.08	0.31
18.50	0.29	11,159	205.08	0.31
18.60	0.29	11,155	205.08	0.30
18.70	0.29	11,151	205.08	0.30
18.80	0.29	11,147	205.08	0.30
18.90	0.28	11,144	205.08	0.29
19.00	0.28	11,142	205.08	0.29
19.10	0.28	11,139	205.08	0.29
19.20	0.28	11,136	205.08	0.29
19.30	0.28	11,134	205.08	0.28
19.40	0.28	11,132	205.08	0.28
19.50	0.27	11,129	205.08	0.28
19.60	0.27	11,127	205.08	0.28
19.70	0.27	11,125	205.08	0.28
19.80	0.27	11,123	205.08	0.27
19.90	0.27	11,121	205.08	0.27
20.00	0.27	11,118	205.08	0.27
20.10	0.26	11,116	205.07	0.27
20.20	0.26	11,114	205.07	0.27
20.30	0.26	11,112	205.07	0.27
20.40	0.26	11,109	205.07	0.26
20.50	0.26	11,107	205.07	0.26
20.60	0.25	11,105	205.07	0.26
20.70	0.25	11,103	205.07	0.26

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	11,101	205.07	0.26
20.90	0.25	11,099	205.07	0.25
21.00	0.25	11,097	205.07	0.25
21.10	0.24	11,094	205.07	0.25
21.20	0.24	11,092	205.07	0.25
21.30	0.24	11,090	205.07	0.25
21.40	0.24	11,088	205.07	0.25
21.50	0.24	11,086	205.07	0.24
21.60	0.24	11,084	205.07	0.24
21.70	0.23	11,081	205.07	0.24
21.80	0.23	11,079	205.07	0.24
21.90	0.23	11,077	205.07	0.24
22.00	0.23	11,075	205.07	0.23
22.10	0.23	11,073	205.07	0.23
22.20	0.23	11,070	205.07	0.23
22.30	0.22	11,068	205.07	0.23
22.40	0.22	11,066	205.07	0.23
22.50	0.22	11,064	205.07	0.23
22.60	0.22	11,062	205.07	0.22
22.70	0.22	11,060	205.07	0.22
22.80	0.21	11,058	205.07	0.22
22.90	0.21	11,055	205.07	0.22
23.00	0.21	11,053	205.06	0.22
23.10	0.21	11,051	205.06	0.21
23.20	0.21	11,049	205.06	0.21
23.30	0.20	11,046	205.06	0.21
23.40	0.20	11,044	205.06	0.21
23.50	0.20	11,042	205.06	0.21
23.60	0.20	11,040	205.06	0.21
23.70	0.20	11,038	205.06	0.20
23.80	0.20	11,036	205.06	0.20
23.90	0.19	11,033	205.06	0.20
24.00	0.20	11,032	205.06	0.20
24.10	0.17	11,031	205.06	0.20
24.20	0.05	11,001	205.06	0.18
24.30	0.01	10,952	205.05	0.15
24.40	0.00	10,907	205.04	0.12
24.50	0.00	10,870	205.04	0.09
24.60	0.00	10,840	205.03	0.08
24.70	0.00	10,815	205.03	0.07
24.80	0.00	10,793	205.02	0.06
24.90	0.00	10,774	205.02	0.05
25.00	0.00	10,758	205.02	0.04
25.10	0.00	10,745	205.02	0.03
25.20	0.00	10,733	205.02	0.03
25.30	0.00	10,723	205.01	0.03
25.40	0.00	10,715	205.01	0.02
25.50	0.00	10,707	205.01	0.02
25.60	0.00	10,701	205.01	0.02
25.70	0.00	10,696	205.01	0.01
25.80	0.00	10,692	205.01	0.01
25.90	0.00	10,688	205.01	0.01

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,684	205.01	0.01
26.10	0.00	10,681	205.01	0.01
26.20	0.00	10,679	205.01	0.01
26.30	0.00	10,676	205.01	0.01
26.40	0.00	10,674	205.01	0.01
26.50	0.00	10,671	205.01	0.01
26.60	0.00	10,669	205.01	0.01
26.70	0.00	10,667	205.00	0.01
26.80	0.00	10,665	205.00	0.01
26.90	0.00	10,663	205.00	0.00
27.00	0.00	10,662	205.00	0.00
27.10	0.00	10,660	205.00	0.00
27.20	0.00	10,659	205.00	0.00
27.30	0.00	10,657	205.00	0.00
27.40	0.00	10,656	205.00	0.00
27.50	0.00	10,655	205.00	0.00
27.60	0.00	10,654	205.00	0.00
27.70	0.00	10,653	205.00	0.00
27.80	0.00	10,652	205.00	0.00
27.90	0.00	10,651	205.00	0.00
28.00	0.00	10,650	205.00	0.00
28.10	0.00	10,649	205.00	0.00
28.20	0.00	10,648	205.00	0.00
28.30	0.00	10,648	205.00	0.00
28.40	0.00	10,647	205.00	0.00
28.50	0.00	10,646	205.00	0.00
28.60	0.00	10,646	205.00	0.00
28.70	0.00	10,645	205.00	0.00
28.80	0.00	10,645	205.00	0.00
28.90	0.00	10,644	205.00	0.00
29.00	0.00	10,644	205.00	0.00
29.10	0.00	10,643	205.00	0.00
29.20	0.00	10,643	205.00	0.00
29.30	0.00	10,642	205.00	0.00
29.40	0.00	10,642	205.00	0.00
29.50	0.00	10,642	205.00	0.00
29.60	0.00	10,641	205.00	0.00
29.70	0.00	10,641	205.00	0.00
29.80	0.00	10,641	205.00	0.00
29.90	0.00	10,640	205.00	0.00
30.00	0.00	10,640	205.00	0.00
30.10	0.00	10,640	205.00	0.00
30.20	0.00	10,640	205.00	0.00
30.30	0.00	10,640	205.00	0.00
30.40	0.00	10,639	205.00	0.00
30.50	0.00	10,639	205.00	0.00
30.60	0.00	10,639	205.00	0.00
30.70	0.00	10,639	205.00	0.00
30.80	0.00	10,639	205.00	0.00
30.90	0.00	10,639	205.00	0.00
31.00	0.00	10,638	205.00	0.00
31.10	0.00	10,638	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,638	205.00	0.00
31.30	0.00	10,638	205.00	0.00
31.40	0.00	10,638	205.00	0.00
31.50	0.00	10,638	205.00	0.00
31.60	0.00	10,638	205.00	0.00
31.70	0.00	10,638	205.00	0.00
31.80	0.00	10,638	205.00	0.00
31.90	0.00	10,638	205.00	0.00
32.00	0.00	10,638	205.00	0.00
32.10	0.00	10,637	205.00	0.00
32.20	0.00	10,637	205.00	0.00
32.30	0.00	10,637	205.00	0.00
32.40	0.00	10,637	205.00	0.00
32.50	0.00	10,637	205.00	0.00
32.60	0.00	10,637	205.00	0.00
32.70	0.00	10,637	205.00	0.00
32.80	0.00	10,637	205.00	0.00
32.90	0.00	10,637	205.00	0.00
33.00	0.00	10,637	205.00	0.00
33.10	0.00	10,637	205.00	0.00
33.20	0.00	10,637	205.00	0.00
33.30	0.00	10,637	205.00	0.00
33.40	0.00	10,637	205.00	0.00
33.50	0.00	10,637	205.00	0.00
33.60	0.00	10,637	205.00	0.00
33.70	0.00	10,637	205.00	0.00
33.80	0.00	10,637	205.00	0.00
33.90	0.00	10,637	205.00	0.00
34.00	0.00	10,637	205.00	0.00
34.10	0.00	10,637	205.00	0.00
34.20	0.00	10,637	205.00	0.00
34.30	0.00	10,637	205.00	0.00
34.40	0.00	10,637	205.00	0.00
34.50	0.00	10,637	205.00	0.00
34.60	0.00	10,637	205.00	0.00
34.70	0.00	10,637	205.00	0.00
34.80	0.00	10,637	205.00	0.00
34.90	0.00	10,637	205.00	0.00
35.00	0.00	10,637	205.00	0.00
35.10	0.00	10,637	205.00	0.00
35.20	0.00	10,637	205.00	0.00
35.30	0.00	10,637	205.00	0.00
35.40	0.00	10,637	205.00	0.00
35.50	0.00	10,637	205.00	0.00
35.60	0.00	10,637	205.00	0.00
35.70	0.00	10,637	205.00	0.00
35.80	0.00	10,637	205.00	0.00
35.90	0.00	10,637	205.00	0.00
36.00	0.00	10,637	205.00	0.00
36.10	0.00	10,637	205.00	0.00
36.20	0.00	10,637	205.00	0.00
36.30	0.00	10,637	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,637	205.00	0.00
36.50	0.00	10,637	205.00	0.00
36.60	0.00	10,637	205.00	0.00
36.70	0.00	10,637	205.00	0.00
36.80	0.00	10,637	205.00	0.00
36.90	0.00	10,637	205.00	0.00
37.00	0.00	10,637	205.00	0.00
37.10	0.00	10,637	205.00	0.00
37.20	0.00	10,637	205.00	0.00
37.30	0.00	10,637	205.00	0.00
37.40	0.00	10,637	205.00	0.00
37.50	0.00	10,637	205.00	0.00
37.60	0.00	10,637	205.00	0.00
37.70	0.00	10,637	205.00	0.00
37.80	0.00	10,637	205.00	0.00
37.90	0.00	10,637	205.00	0.00
38.00	0.00	10,637	205.00	0.00
38.10	0.00	10,637	205.00	0.00
38.20	0.00	10,637	205.00	0.00
38.30	0.00	10,637	205.00	0.00
38.40	0.00	10,637	205.00	0.00
38.50	0.00	10,637	205.00	0.00
38.60	0.00	10,637	205.00	0.00
38.70	0.00	10,637	205.00	0.00
38.80	0.00	10,637	205.00	0.00
38.90	0.00	10,637	205.00	0.00
39.00	0.00	10,637	205.00	0.00
39.10	0.00	10,637	205.00	0.00
39.20	0.00	10,637	205.00	0.00
39.30	0.00	10,637	205.00	0.00
39.40	0.00	10,637	205.00	0.00
39.50	0.00	10,637	205.00	0.00
39.60	0.00	10,637	205.00	0.00
39.70	0.00	10,637	205.00	0.00
39.80	0.00	10,637	205.00	0.00
39.90	0.00	10,637	205.00	0.00
40.00	0.00	10,637	205.00	0.00

Stage-Discharge for Pond B-4B: Basin #4B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.01
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.04
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.07
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.10
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.15
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.19
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.24

Stage-Discharge for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.29	205.60	9.61
205.09	0.35	205.61	10.33
205.10	0.41	205.62	11.08
205.11	0.47	205.63	11.85
205.12	0.54	205.64	12.65
205.13	0.61	205.65	13.48
205.14	0.68	205.66	14.33
205.15	0.75	205.67	15.20
205.16	0.83	205.68	15.92
205.17	0.91	205.69	16.32
205.18	0.99	205.70	16.71
205.19	1.07	205.71	17.09
205.20	1.16	205.72	17.47
205.21	1.25	205.73	17.85
205.22	1.33	205.74	18.22
205.23	1.43	205.75	18.59
205.24	1.52		
205.25	1.61		
205.26	1.71		
205.27	1.81		
205.28	1.91		
205.29	2.01		
205.30	2.12		
205.31	2.22		
205.32	2.33		
205.33	2.44		
205.34	2.55		
205.35	2.66		
205.36	2.77		
205.37	2.89		
205.38	3.01		
205.39	3.12		
205.40	3.24		
205.41	3.36		
205.42	3.49		
205.43	3.61		
205.44	3.73		
205.45	3.86		
205.46	3.99		
205.47	4.12		
205.48	4.25		
205.49	4.38		
205.50	4.51		
205.51	4.76		
205.52	5.11		
205.53	5.52		
205.54	5.99		
205.55	6.50		
205.56	7.05		
205.57	7.64		
205.58	8.27		
205.59	8.93		

Stage-Area-Storage for Pond B-4B: Basin #4B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	4,292	0	203.52	4,813	2,367
203.01	4,302	43	203.53	4,823	2,415
203.02	4,312	86	203.54	4,833	2,464
203.03	4,322	129	203.55	4,843	2,512
203.04	4,332	172	203.56	4,853	2,561
203.05	4,342	216	203.57	4,863	2,609
203.06	4,352	259	203.58	4,873	2,658
203.07	4,362	303	203.59	4,883	2,707
203.08	4,372	347	203.60	4,893	2,756
203.09	4,382	390	203.61	4,903	2,805
203.10	4,392	434	203.62	4,913	2,854
203.11	4,402	478	203.63	4,923	2,903
203.12	4,412	522	203.64	4,933	2,952
203.13	4,422	566	203.65	4,943	3,001
203.14	4,432	611	203.66	4,953	3,051
203.15	4,442	655	203.67	4,963	3,101
203.16	4,452	700	203.68	4,973	3,150
203.17	4,462	744	203.69	4,983	3,200
203.18	4,472	789	203.70	4,993	3,250
203.19	4,482	834	203.71	5,003	3,300
203.20	4,492	878	203.72	5,013	3,350
203.21	4,502	923	203.73	5,023	3,400
203.22	4,512	968	203.74	5,033	3,450
203.23	4,522	1,014	203.75	5,044	3,501
203.24	4,532	1,059	203.76	5,054	3,551
203.25	4,543	1,104	203.77	5,064	3,602
203.26	4,553	1,150	203.78	5,074	3,653
203.27	4,563	1,195	203.79	5,084	3,703
203.28	4,573	1,241	203.80	5,094	3,754
203.29	4,583	1,287	203.81	5,104	3,805
203.30	4,593	1,333	203.82	5,114	3,856
203.31	4,603	1,379	203.83	5,124	3,907
203.32	4,613	1,425	203.84	5,134	3,959
203.33	4,623	1,471	203.85	5,144	4,010
203.34	4,633	1,517	203.86	5,154	4,062
203.35	4,643	1,564	203.87	5,164	4,113
203.36	4,653	1,610	203.88	5,174	4,165
203.37	4,663	1,657	203.89	5,184	4,217
203.38	4,673	1,703	203.90	5,194	4,269
203.39	4,683	1,750	203.91	5,204	4,321
203.40	4,693	1,797	203.92	5,214	4,373
203.41	4,703	1,844	203.93	5,224	4,425
203.42	4,713	1,891	203.94	5,234	4,477
203.43	4,723	1,938	203.95	5,244	4,530
203.44	4,733	1,985	203.96	5,254	4,582
203.45	4,743	2,033	203.97	5,264	4,635
203.46	4,753	2,080	203.98	5,274	4,687
203.47	4,763	2,128	203.99	5,284	4,740
203.48	4,773	2,176	204.00	5,294	4,793
203.49	4,783	2,223	204.01	5,305	4,846
203.50	4,793	2,271	204.02	5,316	4,899
203.51	4,803	2,319	204.03	5,327	4,952

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	5,338	5,006	204.56	5,909	7,930
204.05	5,349	5,059	204.57	5,920	7,989
204.06	5,360	5,113	204.58	5,931	8,048
204.07	5,371	5,166	204.59	5,942	8,108
204.08	5,382	5,220	204.60	5,953	8,167
204.09	5,393	5,274	204.61	5,964	8,227
204.10	5,404	5,328	204.62	5,975	8,287
204.11	5,415	5,382	204.63	5,986	8,346
204.12	5,426	5,436	204.64	5,997	8,406
204.13	5,437	5,491	204.65	6,008	8,466
204.14	5,448	5,545	204.66	6,019	8,526
204.15	5,459	5,599	204.67	6,030	8,587
204.16	5,470	5,654	204.68	6,041	8,647
204.17	5,481	5,709	204.69	6,052	8,707
204.18	5,492	5,764	204.70	6,063	8,768
204.19	5,503	5,819	204.71	6,074	8,829
204.20	5,514	5,874	204.72	6,085	8,890
204.21	5,525	5,929	204.73	6,096	8,950
204.22	5,536	5,984	204.74	6,107	9,011
204.23	5,547	6,040	204.75	6,118	9,073
204.24	5,558	6,095	204.76	6,129	9,134
204.25	5,569	6,151	204.77	6,140	9,195
204.26	5,580	6,207	204.78	6,151	9,257
204.27	5,591	6,262	204.79	6,162	9,318
204.28	5,602	6,318	204.80	6,173	9,380
204.29	5,613	6,374	204.81	6,184	9,442
204.30	5,624	6,431	204.82	6,195	9,504
204.31	5,635	6,487	204.83	6,206	9,566
204.32	5,646	6,543	204.84	6,217	9,628
204.33	5,657	6,600	204.85	6,228	9,690
204.34	5,668	6,656	204.86	6,239	9,752
204.35	5,679	6,713	204.87	6,250	9,815
204.36	5,690	6,770	204.88	6,261	9,877
204.37	5,701	6,827	204.89	6,272	9,940
204.38	5,712	6,884	204.90	6,283	10,003
204.39	5,723	6,941	204.91	6,294	10,066
204.40	5,734	6,999	204.92	6,305	10,129
204.41	5,745	7,056	204.93	6,316	10,192
204.42	5,756	7,113	204.94	6,327	10,255
204.43	5,767	7,171	204.95	6,338	10,318
204.44	5,778	7,229	204.96	6,349	10,382
204.45	5,789	7,287	204.97	6,360	10,445
204.46	5,800	7,345	204.98	6,371	10,509
204.47	5,811	7,403	204.99	6,382	10,573
204.48	5,822	7,461	205.00	6,393	10,637
204.49	5,833	7,519	205.01	6,400	10,700
204.50	5,844	7,577	205.02	6,407	10,765
204.51	5,854	7,636	205.03	6,415	10,829
204.52	5,865	7,694	205.04	6,422	10,893
204.53	5,876	7,753	205.05	6,429	10,957
204.54	5,887	7,812	205.06	6,436	11,021
204.55	5,898	7,871	205.07	6,443	11,086

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	6,451	11,150	205.60	6,826	14,602
205.09	6,458	11,215	205.61	6,833	14,670
205.10	6,465	11,279	205.62	6,840	14,739
205.11	6,472	11,344	205.63	6,847	14,807
205.12	6,480	11,409	205.64	6,855	14,876
205.13	6,487	11,474	205.65	6,862	14,944
205.14	6,494	11,539	205.66	6,869	15,013
205.15	6,501	11,604	205.67	6,876	15,082
205.16	6,508	11,669	205.68	6,884	15,151
205.17	6,516	11,734	205.69	6,891	15,219
205.18	6,523	11,799	205.70	6,898	15,288
205.19	6,530	11,864	205.71	6,905	15,357
205.20	6,537	11,930	205.72	6,912	15,426
205.21	6,544	11,995	205.73	6,920	15,496
205.22	6,552	12,060	205.74	6,927	15,565
205.23	6,559	12,126	205.75	6,934	15,634
205.24	6,566	12,192			
205.25	6,573	12,257			
205.26	6,581	12,323			
205.27	6,588	12,389			
205.28	6,595	12,455			
205.29	6,602	12,521			
205.30	6,609	12,587			
205.31	6,617	12,653			
205.32	6,624	12,719			
205.33	6,631	12,785			
205.34	6,638	12,852			
205.35	6,645	12,918			
205.36	6,653	12,985			
205.37	6,660	13,051			
205.38	6,667	13,118			
205.39	6,674	13,185			
205.40	6,682	13,251			
205.41	6,689	13,318			
205.42	6,696	13,385			
205.43	6,703	13,452			
205.44	6,710	13,519			
205.45	6,718	13,586			
205.46	6,725	13,654			
205.47	6,732	13,721			
205.48	6,739	13,788			
205.49	6,746	13,856			
205.50	6,754	13,923			
205.51	6,761	13,991			
205.52	6,768	14,058			
205.53	6,775	14,126			
205.54	6,783	14,194			
205.55	6,790	14,262			
205.56	6,797	14,330			
205.57	6,804	14,398			
205.58	6,811	14,466			
205.59	6,819	14,534			

Summary for Pond B-5: Basin #5

Inflow Area = 5.341 ac, 32.20% Impervious, Inflow Depth = 5.06" for Current 100 yr event
 Inflow = 33.78 cfs @ 12.19 hrs, Volume= 2.253 af
 Outflow = 2.27 cfs @ 13.77 hrs, Volume= 1.335 af, Atten= 93%, Lag= 94.6 min
 Primary = 2.27 cfs @ 13.77 hrs, Volume= 1.335 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.28' @ 13.77 hrs Surf.Area= 16,935 sf Storage= 60,878 cf

Plug-Flow detention time= 548.6 min calculated for 1.333 af (59% of inflow)
 Center-of-Mass det. time= 437.9 min (1,286.4 - 848.5)

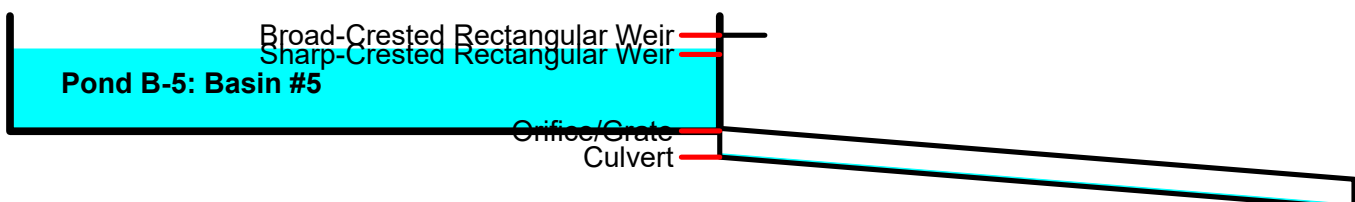
Volume	Invert	Avail.Storage	Storage Description
#1	200.00'	91,976 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
200.00	11,631	0	0
201.00	12,798	12,215	12,215
202.00	14,009	13,404	25,618
203.00	15,262	14,636	40,254
204.00	16,558	15,910	56,164
205.00	17,896	17,227	73,391
206.00	19,275	18,586	91,976

Device	Routing	Invert	Outlet Devices
#1	Primary	198.65'	18.0" Round Culvert L= 70.0' Ke= 0.500 Inlet / Outlet Invert= 198.65' / 196.00' S= 0.0379 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	200.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.00'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

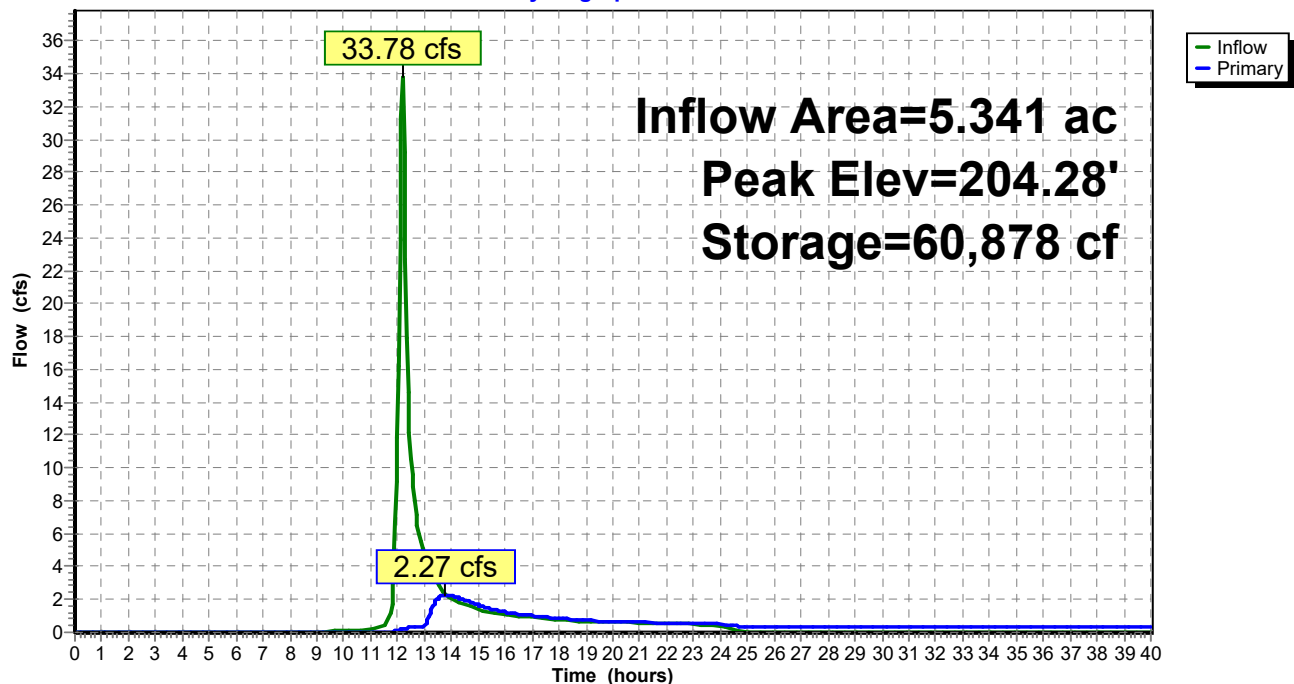
Primary OutFlow Max=2.26 cfs @ 13.77 hrs HW=204.28' (Free Discharge)

- 1=Culvert (Passes 2.26 cfs of 18.80 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.33 cfs @ 9.82 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 1.93 cfs @ 1.73 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-5: Basin #5

Hydrograph



Hydrograph for Pond B-5: Basin #5

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	200.00	0.00
0.10	0.00	0	200.00	0.00
0.20	0.00	0	200.00	0.00
0.30	0.00	0	200.00	0.00
0.40	0.00	0	200.00	0.00
0.50	0.00	0	200.00	0.00
0.60	0.00	0	200.00	0.00
0.70	0.00	0	200.00	0.00
0.80	0.00	0	200.00	0.00
0.90	0.00	0	200.00	0.00
1.00	0.00	0	200.00	0.00
1.10	0.00	0	200.00	0.00
1.20	0.00	0	200.00	0.00
1.30	0.00	0	200.00	0.00
1.40	0.00	0	200.00	0.00
1.50	0.00	0	200.00	0.00
1.60	0.00	0	200.00	0.00
1.70	0.00	0	200.00	0.00
1.80	0.00	0	200.00	0.00
1.90	0.00	0	200.00	0.00
2.00	0.00	0	200.00	0.00
2.10	0.00	0	200.00	0.00
2.20	0.00	0	200.00	0.00
2.30	0.00	0	200.00	0.00
2.40	0.00	0	200.00	0.00
2.50	0.00	0	200.00	0.00
2.60	0.00	0	200.00	0.00
2.70	0.00	0	200.00	0.00
2.80	0.00	0	200.00	0.00
2.90	0.00	0	200.00	0.00
3.00	0.00	0	200.00	0.00
3.10	0.00	0	200.00	0.00
3.20	0.00	0	200.00	0.00
3.30	0.00	0	200.00	0.00
3.40	0.00	0	200.00	0.00
3.50	0.00	0	200.00	0.00
3.60	0.00	0	200.00	0.00
3.70	0.00	0	200.00	0.00
3.80	0.00	0	200.00	0.00
3.90	0.00	0	200.00	0.00
4.00	0.00	0	200.00	0.00
4.10	0.00	0	200.00	0.00
4.20	0.00	0	200.00	0.00
4.30	0.00	0	200.00	0.00
4.40	0.00	0	200.00	0.00
4.50	0.00	0	200.00	0.00
4.60	0.00	0	200.00	0.00
4.70	0.00	0	200.00	0.00
4.80	0.00	0	200.00	0.00
4.90	0.00	0	200.00	0.00
5.00	0.00	0	200.00	0.00
5.10	0.00	0	200.00	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	200.00	0.00
5.30	0.00	0	200.00	0.00
5.40	0.00	0	200.00	0.00
5.50	0.00	0	200.00	0.00
5.60	0.00	0	200.00	0.00
5.70	0.00	0	200.00	0.00
5.80	0.00	0	200.00	0.00
5.90	0.00	0	200.00	0.00
6.00	0.00	0	200.00	0.00
6.10	0.00	0	200.00	0.00
6.20	0.00	0	200.00	0.00
6.30	0.00	0	200.00	0.00
6.40	0.00	0	200.00	0.00
6.50	0.00	0	200.00	0.00
6.60	0.00	1	200.00	0.00
6.70	0.00	2	200.00	0.00
6.80	0.00	3	200.00	0.00
6.90	0.00	4	200.00	0.00
7.00	0.01	6	200.00	0.00
7.10	0.01	9	200.00	0.00
7.20	0.01	11	200.00	0.00
7.30	0.01	14	200.00	0.00
7.40	0.01	18	200.00	0.00
7.50	0.01	22	200.00	0.00
7.60	0.01	27	200.00	0.00
7.70	0.01	32	200.00	0.00
7.80	0.02	37	200.00	0.00
7.90	0.02	43	200.00	0.00
8.00	0.02	50	200.00	0.00
8.10	0.02	57	200.00	0.00
8.20	0.02	65	200.01	0.00
8.30	0.02	74	200.01	0.00
8.40	0.03	83	200.01	0.00
8.50	0.03	92	200.01	0.00
8.60	0.03	102	200.01	0.00
8.70	0.03	113	200.01	0.00
8.80	0.03	125	200.01	0.00
8.90	0.03	137	200.01	0.00
9.00	0.04	150	200.01	0.00
9.10	0.04	164	200.01	0.00
9.20	0.04	178	200.02	0.00
9.30	0.05	194	200.02	0.00
9.40	0.05	212	200.02	0.00
9.50	0.05	231	200.02	0.00
9.60	0.06	251	200.02	0.00
9.70	0.06	273	200.02	0.00
9.80	0.07	297	200.03	0.00
9.90	0.07	322	200.03	0.00
10.00	0.08	350	200.03	0.00
10.10	0.08	379	200.03	0.00
10.20	0.09	410	200.04	0.00
10.30	0.10	443	200.04	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	479	200.04	0.00
10.50	0.11	516	200.04	0.00
10.60	0.12	556	200.05	0.00
10.70	0.13	601	200.05	0.00
10.80	0.15	651	200.06	0.00
10.90	0.17	708	200.06	0.00
11.00	0.19	771	200.07	0.00
11.10	0.22	842	200.07	0.01
11.20	0.25	923	200.08	0.01
11.30	0.29	1,017	200.09	0.01
11.40	0.33	1,125	200.10	0.01
11.50	0.37	1,247	200.11	0.01
11.60	0.46	1,389	200.12	0.02
11.70	0.70	1,586	200.14	0.02
11.80	1.72	1,998	200.17	0.03
11.90	6.71	3,277	200.28	0.06
12.00	11.80	6,563	200.55	0.11
12.10	23.86	12,634	201.03	0.16
12.20	33.71	23,377	201.84	0.21
12.30	22.72	33,628	202.56	0.26
12.40	14.55	40,108	202.99	0.28
12.50	10.60	44,462	203.27	0.29
12.60	8.84	47,831	203.49	0.30
12.70	7.12	50,590	203.66	0.31
12.80	5.98	52,823	203.80	0.31
12.90	5.24	54,722	203.91	0.32
13.00	4.67	56,386	204.01	0.35
13.10	4.18	57,787	204.10	0.74
13.20	3.75	58,866	204.16	1.19
13.30	3.40	59,653	204.21	1.57
13.40	3.11	60,202	204.24	1.87
13.50	2.85	60,562	204.26	2.07
13.60	2.60	60,772	204.28	2.20
13.70	2.38	60,864	204.28	2.26
13.80	2.22	60,876	204.28	2.27
13.90	2.11	60,842	204.28	2.25
14.00	2.02	60,783	204.28	2.21
14.10	1.95	60,710	204.27	2.17
14.20	1.88	60,627	204.27	2.11
14.30	1.81	60,539	204.26	2.06
14.40	1.75	60,447	204.26	2.01
14.50	1.68	60,350	204.25	1.96
14.60	1.62	60,250	204.24	1.90
14.70	1.56	60,148	204.24	1.84
14.80	1.50	60,044	204.23	1.79
14.90	1.44	59,939	204.23	1.73
15.00	1.38	59,834	204.22	1.67
15.10	1.32	59,729	204.21	1.61
15.20	1.26	59,623	204.21	1.56
15.30	1.22	59,520	204.20	1.50
15.40	1.19	59,422	204.20	1.45
15.50	1.16	59,330	204.19	1.41

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	1.14	59,245	204.18	1.37
15.70	1.12	59,166	204.18	1.33
15.80	1.10	59,094	204.18	1.30
15.90	1.08	59,027	204.17	1.26
16.00	1.07	58,965	204.17	1.23
16.10	1.05	58,907	204.16	1.21
16.20	1.03	58,853	204.16	1.18
16.30	1.02	58,802	204.16	1.16
16.40	1.00	58,753	204.16	1.13
16.50	0.98	58,707	204.15	1.11
16.60	0.97	58,662	204.15	1.09
16.70	0.95	58,619	204.15	1.07
16.80	0.94	58,578	204.14	1.05
16.90	0.92	58,537	204.14	1.03
17.00	0.90	58,498	204.14	1.01
17.10	0.89	58,458	204.14	1.00
17.20	0.87	58,419	204.14	0.98
17.30	0.85	58,379	204.13	0.96
17.40	0.84	58,339	204.13	0.95
17.50	0.82	58,298	204.13	0.93
17.60	0.80	58,257	204.13	0.92
17.70	0.79	58,216	204.12	0.90
17.80	0.77	58,175	204.12	0.89
17.90	0.76	58,134	204.12	0.87
18.00	0.74	58,092	204.12	0.85
18.10	0.72	58,051	204.11	0.84
18.20	0.71	58,010	204.11	0.82
18.30	0.70	57,970	204.11	0.81
18.40	0.69	57,931	204.11	0.79
18.50	0.68	57,895	204.10	0.78
18.60	0.67	57,861	204.10	0.76
18.70	0.67	57,830	204.10	0.75
18.80	0.66	57,801	204.10	0.74
18.90	0.66	57,774	204.10	0.73
19.00	0.65	57,749	204.10	0.72
19.10	0.65	57,726	204.09	0.71
19.20	0.64	57,704	204.09	0.70
19.30	0.64	57,684	204.09	0.70
19.40	0.64	57,664	204.09	0.69
19.50	0.63	57,646	204.09	0.68
19.60	0.63	57,629	204.09	0.67
19.70	0.62	57,613	204.09	0.67
19.80	0.62	57,597	204.09	0.66
19.90	0.62	57,582	204.09	0.66
20.00	0.61	57,568	204.08	0.65
20.10	0.61	57,555	204.08	0.65
20.20	0.60	57,541	204.08	0.64
20.30	0.60	57,528	204.08	0.64
20.40	0.59	57,515	204.08	0.63
20.50	0.59	57,503	204.08	0.63
20.60	0.59	57,490	204.08	0.62
20.70	0.58	57,478	204.08	0.62

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.58	57,466	204.08	0.61
20.90	0.57	57,453	204.08	0.61
21.00	0.57	57,439	204.08	0.61
21.10	0.57	57,426	204.08	0.60
21.20	0.56	57,412	204.08	0.60
21.30	0.56	57,398	204.07	0.60
21.40	0.55	57,384	204.07	0.59
21.50	0.55	57,370	204.07	0.59
21.60	0.55	57,356	204.07	0.59
21.70	0.54	57,341	204.07	0.58
21.80	0.54	57,327	204.07	0.58
21.90	0.53	57,312	204.07	0.57
22.00	0.53	57,297	204.07	0.57
22.10	0.52	57,283	204.07	0.57
22.20	0.52	57,267	204.07	0.56
22.30	0.52	57,253	204.07	0.56
22.40	0.51	57,238	204.06	0.55
22.50	0.51	57,222	204.06	0.55
22.60	0.50	57,207	204.06	0.55
22.70	0.50	57,192	204.06	0.54
22.80	0.50	57,176	204.06	0.54
22.90	0.49	57,161	204.06	0.53
23.00	0.49	57,145	204.06	0.53
23.10	0.48	57,130	204.06	0.53
23.20	0.48	57,115	204.06	0.52
23.30	0.47	57,099	204.06	0.52
23.40	0.47	57,083	204.06	0.51
23.50	0.47	57,067	204.05	0.51
23.60	0.46	57,052	204.05	0.51
23.70	0.46	57,036	204.05	0.50
23.80	0.46	57,021	204.05	0.50
23.90	0.45	57,005	204.05	0.49
24.00	0.45	56,990	204.05	0.49
24.10	0.44	56,978	204.05	0.49
24.20	0.31	56,943	204.05	0.48
24.30	0.20	56,865	204.04	0.46
24.40	0.13	56,764	204.04	0.43
24.50	0.10	56,656	204.03	0.40
24.60	0.08	56,549	204.02	0.38
24.70	0.07	56,446	204.02	0.36
24.80	0.06	56,344	204.01	0.34
24.90	0.05	56,242	204.00	0.33
25.00	0.04	56,141	204.00	0.32
25.10	0.04	56,039	203.99	0.32
25.20	0.03	55,935	203.99	0.32
25.30	0.03	55,829	203.98	0.32
25.40	0.02	55,721	203.97	0.32
25.50	0.02	55,613	203.97	0.32
25.60	0.02	55,503	203.96	0.32
25.70	0.01	55,393	203.95	0.32
25.80	0.01	55,282	203.95	0.32
25.90	0.01	55,170	203.94	0.32

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	55,058	203.93	0.32
26.10	0.01	54,946	203.93	0.32
26.20	0.01	54,834	203.92	0.32
26.30	0.01	54,721	203.91	0.32
26.40	0.01	54,609	203.91	0.32
26.50	0.01	54,496	203.90	0.32
26.60	0.01	54,384	203.89	0.32
26.70	0.01	54,271	203.89	0.32
26.80	0.01	54,158	203.88	0.32
26.90	0.00	54,046	203.87	0.32
27.00	0.00	53,933	203.86	0.32
27.10	0.00	53,820	203.86	0.32
27.20	0.00	53,708	203.85	0.32
27.30	0.00	53,595	203.84	0.32
27.40	0.00	53,482	203.84	0.32
27.50	0.00	53,370	203.83	0.32
27.60	0.00	53,257	203.82	0.32
27.70	0.00	53,145	203.82	0.32
27.80	0.00	53,032	203.81	0.32
27.90	0.00	52,920	203.80	0.31
28.00	0.00	52,807	203.80	0.31
28.10	0.00	52,695	203.79	0.31
28.20	0.00	52,583	203.78	0.31
28.30	0.00	52,470	203.77	0.31
28.40	0.00	52,358	203.77	0.31
28.50	0.00	52,246	203.76	0.31
28.60	0.00	52,134	203.75	0.31
28.70	0.00	52,022	203.75	0.31
28.80	0.00	51,910	203.74	0.31
28.90	0.00	51,799	203.73	0.31
29.00	0.00	51,687	203.73	0.31
29.10	0.00	51,575	203.72	0.31
29.20	0.00	51,464	203.71	0.31
29.30	0.00	51,352	203.71	0.31
29.40	0.00	51,241	203.70	0.31
29.50	0.00	51,129	203.69	0.31
29.60	0.00	51,018	203.69	0.31
29.70	0.00	50,907	203.68	0.31
29.80	0.00	50,796	203.67	0.31
29.90	0.00	50,685	203.66	0.31
30.00	0.00	50,574	203.66	0.31
30.10	0.00	50,463	203.65	0.31
30.20	0.00	50,353	203.64	0.31
30.30	0.00	50,242	203.64	0.31
30.40	0.00	50,131	203.63	0.31
30.50	0.00	50,021	203.62	0.31
30.60	0.00	49,911	203.62	0.31
30.70	0.00	49,800	203.61	0.31
30.80	0.00	49,690	203.60	0.31
30.90	0.00	49,580	203.60	0.31
31.00	0.00	49,470	203.59	0.31
31.10	0.00	49,361	203.58	0.31

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	49,251	203.58	0.30
31.30	0.00	49,141	203.57	0.30
31.40	0.00	49,032	203.56	0.30
31.50	0.00	48,922	203.55	0.30
31.60	0.00	48,813	203.55	0.30
31.70	0.00	48,704	203.54	0.30
31.80	0.00	48,595	203.53	0.30
31.90	0.00	48,486	203.53	0.30
32.00	0.00	48,377	203.52	0.30
32.10	0.00	48,268	203.51	0.30
32.20	0.00	48,159	203.51	0.30
32.30	0.00	48,051	203.50	0.30
32.40	0.00	47,942	203.49	0.30
32.50	0.00	47,834	203.49	0.30
32.60	0.00	47,726	203.48	0.30
32.70	0.00	47,618	203.47	0.30
32.80	0.00	47,510	203.47	0.30
32.90	0.00	47,402	203.46	0.30
33.00	0.00	47,294	203.45	0.30
33.10	0.00	47,186	203.45	0.30
33.20	0.00	47,079	203.44	0.30
33.30	0.00	46,971	203.43	0.30
33.40	0.00	46,864	203.43	0.30
33.50	0.00	46,756	203.42	0.30
33.60	0.00	46,649	203.41	0.30
33.70	0.00	46,542	203.41	0.30
33.80	0.00	46,435	203.40	0.30
33.90	0.00	46,328	203.39	0.30
34.00	0.00	46,222	203.38	0.30
34.10	0.00	46,115	203.38	0.30
34.20	0.00	46,009	203.37	0.30
34.30	0.00	45,902	203.36	0.30
34.40	0.00	45,796	203.36	0.30
34.50	0.00	45,690	203.35	0.29
34.60	0.00	45,584	203.34	0.29
34.70	0.00	45,478	203.34	0.29
34.80	0.00	45,372	203.33	0.29
34.90	0.00	45,266	203.32	0.29
35.00	0.00	45,160	203.32	0.29
35.10	0.00	45,055	203.31	0.29
35.20	0.00	44,949	203.30	0.29
35.30	0.00	44,844	203.30	0.29
35.40	0.00	44,739	203.29	0.29
35.50	0.00	44,634	203.28	0.29
35.60	0.00	44,529	203.28	0.29
35.70	0.00	44,424	203.27	0.29
35.80	0.00	44,319	203.26	0.29
35.90	0.00	44,215	203.26	0.29
36.00	0.00	44,110	203.25	0.29
36.10	0.00	44,006	203.24	0.29
36.20	0.00	43,901	203.24	0.29
36.30	0.00	43,797	203.23	0.29

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	43,693	203.22	0.29
36.50	0.00	43,589	203.22	0.29
36.60	0.00	43,485	203.21	0.29
36.70	0.00	43,382	203.20	0.29
36.80	0.00	43,278	203.20	0.29
36.90	0.00	43,175	203.19	0.29
37.00	0.00	43,071	203.18	0.29
37.10	0.00	42,968	203.18	0.29
37.20	0.00	42,865	203.17	0.29
37.30	0.00	42,762	203.16	0.29
37.40	0.00	42,659	203.16	0.29
37.50	0.00	42,556	203.15	0.29
37.60	0.00	42,453	203.14	0.29
37.70	0.00	42,351	203.14	0.28
37.80	0.00	42,248	203.13	0.28
37.90	0.00	42,146	203.12	0.28
38.00	0.00	42,043	203.12	0.28
38.10	0.00	41,941	203.11	0.28
38.20	0.00	41,839	203.10	0.28
38.30	0.00	41,737	203.10	0.28
38.40	0.00	41,635	203.09	0.28
38.50	0.00	41,534	203.08	0.28
38.60	0.00	41,432	203.08	0.28
38.70	0.00	41,331	203.07	0.28
38.80	0.00	41,229	203.06	0.28
38.90	0.00	41,128	203.06	0.28
39.00	0.00	41,027	203.05	0.28
39.10	0.00	40,926	203.04	0.28
39.20	0.00	40,825	203.04	0.28
39.30	0.00	40,724	203.03	0.28
39.40	0.00	40,623	203.02	0.28
39.50	0.00	40,523	203.02	0.28
39.60	0.00	40,422	203.01	0.28
39.70	0.00	40,322	203.00	0.28
39.80	0.00	40,222	203.00	0.28
39.90	0.00	40,122	202.99	0.28
40.00	0.00	40,022	202.98	0.28

Stage-Discharge for Pond B-5: Basin #5

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
200.00	0.00	200.52	0.10	201.04	0.16	201.56	0.20
200.01	0.00	200.53	0.10	201.05	0.16	201.57	0.20
200.02	0.00	200.54	0.11	201.06	0.16	201.58	0.20
200.03	0.00	200.55	0.11	201.07	0.16	201.59	0.20
200.04	0.00	200.56	0.11	201.08	0.16	201.60	0.20
200.05	0.00	200.57	0.11	201.09	0.16	201.61	0.20
200.06	0.00	200.58	0.11	201.10	0.16	201.62	0.20
200.07	0.00	200.59	0.11	201.11	0.16	201.63	0.20
200.08	0.01	200.60	0.11	201.12	0.16	201.64	0.20
200.09	0.01	200.61	0.11	201.13	0.16	201.65	0.20
200.10	0.01	200.62	0.12	201.14	0.17	201.66	0.20
200.11	0.01	200.63	0.12	201.15	0.17	201.67	0.20
200.12	0.02	200.64	0.12	201.16	0.17	201.68	0.20
200.13	0.02	200.65	0.12	201.17	0.17	201.69	0.21
200.14	0.02	200.66	0.12	201.18	0.17	201.70	0.21
200.15	0.03	200.67	0.12	201.19	0.17	201.71	0.21
200.16	0.03	200.68	0.12	201.20	0.17	201.72	0.21
200.17	0.03	200.69	0.12	201.21	0.17	201.73	0.21
200.18	0.04	200.70	0.12	201.22	0.17	201.74	0.21
200.19	0.04	200.71	0.13	201.23	0.17	201.75	0.21
200.20	0.05	200.72	0.13	201.24	0.17	201.76	0.21
200.21	0.05	200.73	0.13	201.25	0.17	201.77	0.21
200.22	0.05	200.74	0.13	201.26	0.17	201.78	0.21
200.23	0.05	200.75	0.13	201.27	0.18	201.79	0.21
200.24	0.06	200.76	0.13	201.28	0.18	201.80	0.21
200.25	0.06	200.77	0.13	201.29	0.18	201.81	0.21
200.26	0.06	200.78	0.13	201.30	0.18	201.82	0.21
200.27	0.06	200.79	0.13	201.31	0.18	201.83	0.21
200.28	0.06	200.80	0.13	201.32	0.18	201.84	0.22
200.29	0.07	200.81	0.14	201.33	0.18	201.85	0.22
200.30	0.07	200.82	0.14	201.34	0.18	201.86	0.22
200.31	0.07	200.83	0.14	201.35	0.18	201.87	0.22
200.32	0.07	200.84	0.14	201.36	0.18	201.88	0.22
200.33	0.07	200.85	0.14	201.37	0.18	201.89	0.22
200.34	0.08	200.86	0.14	201.38	0.18	201.90	0.22
200.35	0.08	200.87	0.14	201.39	0.18	201.91	0.22
200.36	0.08	200.88	0.14	201.40	0.19	201.92	0.22
200.37	0.08	200.89	0.14	201.41	0.19	201.93	0.22
200.38	0.08	200.90	0.14	201.42	0.19	201.94	0.22
200.39	0.08	200.91	0.15	201.43	0.19	201.95	0.22
200.40	0.09	200.92	0.15	201.44	0.19	201.96	0.22
200.41	0.09	200.93	0.15	201.45	0.19	201.97	0.22
200.42	0.09	200.94	0.15	201.46	0.19	201.98	0.22
200.43	0.09	200.95	0.15	201.47	0.19	201.99	0.22
200.44	0.09	200.96	0.15	201.48	0.19	202.00	0.22
200.45	0.09	200.97	0.15	201.49	0.19	202.01	0.23
200.46	0.10	200.98	0.15	201.50	0.19	202.02	0.23
200.47	0.10	200.99	0.15	201.51	0.19	202.03	0.23
200.48	0.10	201.00	0.15	201.52	0.19	202.04	0.23
200.49	0.10	201.01	0.15	201.53	0.19	202.05	0.23
200.50	0.10	201.02	0.16	201.54	0.20	202.06	0.23
200.51	0.10	201.03	0.16	201.55	0.20	202.07	0.23

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.08	0.23	202.60	0.26	203.12	0.28	203.64	0.31
202.09	0.23	202.61	0.26	203.13	0.28	203.65	0.31
202.10	0.23	202.62	0.26	203.14	0.29	203.66	0.31
202.11	0.23	202.63	0.26	203.15	0.29	203.67	0.31
202.12	0.23	202.64	0.26	203.16	0.29	203.68	0.31
202.13	0.23	202.65	0.26	203.17	0.29	203.69	0.31
202.14	0.23	202.66	0.26	203.18	0.29	203.70	0.31
202.15	0.23	202.67	0.26	203.19	0.29	203.71	0.31
202.16	0.23	202.68	0.26	203.20	0.29	203.72	0.31
202.17	0.23	202.69	0.26	203.21	0.29	203.73	0.31
202.18	0.24	202.70	0.26	203.22	0.29	203.74	0.31
202.19	0.24	202.71	0.26	203.23	0.29	203.75	0.31
202.20	0.24	202.72	0.26	203.24	0.29	203.76	0.31
202.21	0.24	202.73	0.26	203.25	0.29	203.77	0.31
202.22	0.24	202.74	0.27	203.26	0.29	203.78	0.31
202.23	0.24	202.75	0.27	203.27	0.29	203.79	0.31
202.24	0.24	202.76	0.27	203.28	0.29	203.80	0.31
202.25	0.24	202.77	0.27	203.29	0.29	203.81	0.32
202.26	0.24	202.78	0.27	203.30	0.29	203.82	0.32
202.27	0.24	202.79	0.27	203.31	0.29	203.83	0.32
202.28	0.24	202.80	0.27	203.32	0.29	203.84	0.32
202.29	0.24	202.81	0.27	203.33	0.29	203.85	0.32
202.30	0.24	202.82	0.27	203.34	0.29	203.86	0.32
202.31	0.24	202.83	0.27	203.35	0.29	203.87	0.32
202.32	0.24	202.84	0.27	203.36	0.30	203.88	0.32
202.33	0.24	202.85	0.27	203.37	0.30	203.89	0.32
202.34	0.24	202.86	0.27	203.38	0.30	203.90	0.32
202.35	0.24	202.87	0.27	203.39	0.30	203.91	0.32
202.36	0.25	202.88	0.27	203.40	0.30	203.92	0.32
202.37	0.25	202.89	0.27	203.41	0.30	203.93	0.32
202.38	0.25	202.90	0.27	203.42	0.30	203.94	0.32
202.39	0.25	202.91	0.27	203.43	0.30	203.95	0.32
202.40	0.25	202.92	0.27	203.44	0.30	203.96	0.32
202.41	0.25	202.93	0.27	203.45	0.30	203.97	0.32
202.42	0.25	202.94	0.28	203.46	0.30	203.98	0.32
202.43	0.25	202.95	0.28	203.47	0.30	203.99	0.32
202.44	0.25	202.96	0.28	203.48	0.30	204.00	0.32
202.45	0.25	202.97	0.28	203.49	0.30	204.01	0.34
202.46	0.25	202.98	0.28	203.50	0.30	204.02	0.36
202.47	0.25	202.99	0.28	203.51	0.30	204.03	0.39
202.48	0.25	203.00	0.28	203.52	0.30	204.04	0.43
202.49	0.25	203.01	0.28	203.53	0.30	204.05	0.47
202.50	0.25	203.02	0.28	203.54	0.30	204.06	0.52
202.51	0.25	203.03	0.28	203.55	0.30	204.07	0.57
202.52	0.25	203.04	0.28	203.56	0.30	204.08	0.62
202.53	0.25	203.05	0.28	203.57	0.30	204.09	0.68
202.54	0.26	203.06	0.28	203.58	0.31	204.10	0.74
202.55	0.26	203.07	0.28	203.59	0.31	204.11	0.80
202.56	0.26	203.08	0.28	203.60	0.31	204.12	0.87
202.57	0.26	203.09	0.28	203.61	0.31	204.13	0.94
202.58	0.26	203.10	0.28	203.62	0.31	204.14	1.01
202.59	0.26	203.11	0.28	203.63	0.31	204.15	1.08

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.16	1.16	204.68	7.44	205.20	27.10	205.72	106.34
204.17	1.24	204.69	7.59	205.21	28.14	205.73	108.14
204.18	1.32	204.70	7.74	205.22	29.21	205.74	109.95
204.19	1.40	204.71	7.90	205.23	30.30	205.75	111.78
204.20	1.49	204.72	8.06	205.24	31.42	205.76	113.62
204.21	1.58	204.73	8.21	205.25	32.56	205.77	115.47
204.22	1.67	204.74	8.37	205.26	33.73	205.78	117.33
204.23	1.76	204.75	8.53	205.27	34.93	205.79	119.20
204.24	1.85	204.76	8.69	205.28	36.15	205.80	121.09
204.25	1.95	204.77	8.85	205.29	37.40	205.81	123.03
204.26	2.05	204.78	9.01	205.30	38.67	205.82	124.98
204.27	2.14	204.79	9.18	205.31	39.97	205.83	126.94
204.28	2.25	204.80	9.34	205.32	41.29	205.84	128.92
204.29	2.35	204.81	9.50	205.33	42.64	205.85	130.90
204.30	2.45	204.82	9.67	205.34	44.01	205.86	132.91
204.31	2.56	204.83	9.84	205.35	45.40	205.87	134.92
204.32	2.67	204.84	10.00	205.36	46.83	205.88	136.95
204.33	2.78	204.85	10.17	205.37	48.27	205.89	138.99
204.34	2.89	204.86	10.34	205.38	49.74	205.90	141.05
204.35	3.00	204.87	10.51	205.39	51.24	205.91	143.11
204.36	3.11	204.88	10.68	205.40	52.76	205.92	145.19
204.37	3.23	204.89	10.85	205.41	54.33	205.93	147.29
204.38	3.34	204.90	11.02	205.42	55.86	205.94	149.39
204.39	3.46	204.91	11.20	205.43	57.30	205.95	151.51
204.40	3.58	204.92	11.37	205.44	58.76	205.96	153.64
204.41	3.70	204.93	11.55	205.45	60.25	205.97	155.79
204.42	3.83	204.94	11.72	205.46	61.76	205.98	157.94
204.43	3.95	204.95	11.90	205.47	63.30	205.99	160.11
204.44	4.07	204.96	12.07	205.48	64.87	206.00	162.29
204.45	4.20	204.97	12.25	205.49	66.46		
204.46	4.33	204.98	12.43	205.50	68.08		
204.47	4.46	204.99	12.61	205.51	69.73		
204.48	4.59	205.00	12.79	205.52	71.40		
204.49	4.72	205.01	13.09	205.53	73.10		
204.50	4.85	205.02	13.48	205.54	74.82		
204.51	4.99	205.03	13.94	205.55	76.57		
204.52	5.12	205.04	14.45	205.56	78.35		
204.53	5.26	205.05	15.01	205.57	80.16		
204.54	5.40	205.06	15.61	205.58	81.99		
204.55	5.53	205.07	16.24	205.59	83.85		
204.56	5.67	205.08	16.91	205.60	85.74		
204.57	5.81	205.09	17.61	205.61	87.38		
204.58	5.96	205.10	18.34	205.62	89.04		
204.59	6.10	205.11	19.11	205.63	90.71		
204.60	6.24	205.12	19.89	205.64	92.39		
204.61	6.39	205.13	20.71	205.65	94.09		
204.62	6.54	205.14	21.55	205.66	95.80		
204.63	6.68	205.15	22.42	205.67	97.53		
204.64	6.83	205.16	23.31	205.68	99.26		
204.65	6.98	205.17	24.22	205.69	101.01		
204.66	7.13	205.18	25.16	205.70	102.78		
204.67	7.28	205.19	26.12	205.71	104.55		

Stage-Area-Storage for Pond B-5: Basin #5

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.00	11,631	0	200.52	12,238	6,206
200.01	11,643	116	200.53	12,250	6,328
200.02	11,654	233	200.54	12,261	6,451
200.03	11,666	349	200.55	12,273	6,574
200.04	11,678	466	200.56	12,285	6,696
200.05	11,689	583	200.57	12,296	6,819
200.06	11,701	700	200.58	12,308	6,942
200.07	11,713	817	200.59	12,320	7,065
200.08	11,724	934	200.60	12,331	7,189
200.09	11,736	1,052	200.61	12,343	7,312
200.10	11,748	1,169	200.62	12,355	7,436
200.11	11,759	1,286	200.63	12,366	7,559
200.12	11,771	1,404	200.64	12,378	7,683
200.13	11,783	1,522	200.65	12,390	7,807
200.14	11,794	1,640	200.66	12,401	7,931
200.15	11,806	1,758	200.67	12,413	8,055
200.16	11,818	1,876	200.68	12,425	8,179
200.17	11,829	1,994	200.69	12,436	8,303
200.18	11,841	2,112	200.70	12,448	8,428
200.19	11,853	2,231	200.71	12,460	8,552
200.20	11,864	2,350	200.72	12,471	8,677
200.21	11,876	2,468	200.73	12,483	8,802
200.22	11,888	2,587	200.74	12,495	8,926
200.23	11,899	2,706	200.75	12,506	9,051
200.24	11,911	2,825	200.76	12,518	9,177
200.25	11,923	2,944	200.77	12,530	9,302
200.26	11,934	3,064	200.78	12,541	9,427
200.27	11,946	3,183	200.79	12,553	9,553
200.28	11,958	3,302	200.80	12,565	9,678
200.29	11,969	3,422	200.81	12,576	9,804
200.30	11,981	3,542	200.82	12,588	9,930
200.31	11,993	3,662	200.83	12,600	10,056
200.32	12,004	3,782	200.84	12,611	10,182
200.33	12,016	3,902	200.85	12,623	10,308
200.34	12,028	4,022	200.86	12,635	10,434
200.35	12,039	4,142	200.87	12,646	10,561
200.36	12,051	4,263	200.88	12,658	10,687
200.37	12,063	4,383	200.89	12,670	10,814
200.38	12,074	4,504	200.90	12,681	10,941
200.39	12,086	4,625	200.91	12,693	11,067
200.40	12,098	4,746	200.92	12,705	11,194
200.41	12,109	4,867	200.93	12,716	11,321
200.42	12,121	4,988	200.94	12,728	11,449
200.43	12,133	5,109	200.95	12,740	11,576
200.44	12,144	5,231	200.96	12,751	11,704
200.45	12,156	5,352	200.97	12,763	11,831
200.46	12,168	5,474	200.98	12,775	11,959
200.47	12,179	5,595	200.99	12,786	12,087
200.48	12,191	5,717	201.00	12,798	12,215
200.49	12,203	5,839	201.01	12,810	12,343
200.50	12,215	5,961	201.02	12,822	12,471
200.51	12,226	6,084	201.03	12,834	12,599

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.04	12,846	12,727	201.56	13,476	19,571
201.05	12,859	12,856	201.57	13,488	19,706
201.06	12,871	12,985	201.58	13,500	19,841
201.07	12,883	13,113	201.59	13,512	19,976
201.08	12,895	13,242	201.60	13,525	20,111
201.09	12,907	13,371	201.61	13,537	20,247
201.10	12,919	13,500	201.62	13,549	20,382
201.11	12,931	13,630	201.63	13,561	20,518
201.12	12,943	13,759	201.64	13,573	20,653
201.13	12,955	13,888	201.65	13,585	20,789
201.14	12,968	14,018	201.66	13,597	20,925
201.15	12,980	14,148	201.67	13,609	21,061
201.16	12,992	14,278	201.68	13,621	21,197
201.17	13,004	14,408	201.69	13,634	21,333
201.18	13,016	14,538	201.70	13,646	21,470
201.19	13,028	14,668	201.71	13,658	21,606
201.20	13,040	14,798	201.72	13,670	21,743
201.21	13,052	14,929	201.73	13,682	21,880
201.22	13,064	15,059	201.74	13,694	22,017
201.23	13,077	15,190	201.75	13,706	22,154
201.24	13,089	15,321	201.76	13,718	22,291
201.25	13,101	15,452	201.77	13,730	22,428
201.26	13,113	15,583	201.78	13,743	22,565
201.27	13,125	15,714	201.79	13,755	22,703
201.28	13,137	15,845	201.80	13,767	22,840
201.29	13,149	15,977	201.81	13,779	22,978
201.30	13,161	16,108	201.82	13,791	23,116
201.31	13,173	16,240	201.83	13,803	23,254
201.32	13,186	16,372	201.84	13,815	23,392
201.33	13,198	16,504	201.85	13,827	23,530
201.34	13,210	16,636	201.86	13,839	23,669
201.35	13,222	16,768	201.87	13,852	23,807
201.36	13,234	16,900	201.88	13,864	23,946
201.37	13,246	17,033	201.89	13,876	24,084
201.38	13,258	17,165	201.90	13,888	24,223
201.39	13,270	17,298	201.91	13,900	24,362
201.40	13,282	17,431	201.92	13,912	24,501
201.41	13,295	17,563	201.93	13,924	24,640
201.42	13,307	17,696	201.94	13,936	24,780
201.43	13,319	17,830	201.95	13,948	24,919
201.44	13,331	17,963	201.96	13,961	25,059
201.45	13,343	18,096	201.97	13,973	25,198
201.46	13,355	18,230	201.98	13,985	25,338
201.47	13,367	18,363	201.99	13,997	25,478
201.48	13,379	18,497	202.00	14,009	25,618
201.49	13,391	18,631	202.01	14,022	25,758
201.50	13,404	18,765	202.02	14,034	25,898
201.51	13,416	18,899	202.03	14,047	26,039
201.52	13,428	19,033	202.04	14,059	26,179
201.53	13,440	19,168	202.05	14,072	26,320
201.54	13,452	19,302	202.06	14,084	26,461
201.55	13,464	19,437	202.07	14,097	26,602

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.08	14,109	26,743	202.60	14,761	34,249
202.09	14,122	26,884	202.61	14,773	34,397
202.10	14,134	27,025	202.62	14,786	34,544
202.11	14,147	27,167	202.63	14,798	34,692
202.12	14,159	27,308	202.64	14,811	34,840
202.13	14,172	27,450	202.65	14,823	34,989
202.14	14,184	27,592	202.66	14,836	35,137
202.15	14,197	27,733	202.67	14,849	35,285
202.16	14,209	27,875	202.68	14,861	35,434
202.17	14,222	28,018	202.69	14,874	35,582
202.18	14,235	28,160	202.70	14,886	35,731
202.19	14,247	28,302	202.71	14,899	35,880
202.20	14,260	28,445	202.72	14,911	36,029
202.21	14,272	28,588	202.73	14,924	36,178
202.22	14,285	28,730	202.74	14,936	36,328
202.23	14,297	28,873	202.75	14,949	36,477
202.24	14,310	29,016	202.76	14,961	36,627
202.25	14,322	29,159	202.77	14,974	36,776
202.26	14,335	29,303	202.78	14,986	36,926
202.27	14,347	29,446	202.79	14,999	37,076
202.28	14,360	29,590	202.80	15,011	37,226
202.29	14,372	29,733	202.81	15,024	37,376
202.30	14,385	29,877	202.82	15,036	37,527
202.31	14,397	30,021	202.83	15,049	37,677
202.32	14,410	30,165	202.84	15,062	37,828
202.33	14,422	30,309	202.85	15,074	37,978
202.34	14,435	30,453	202.86	15,087	38,129
202.35	14,448	30,598	202.87	15,099	38,280
202.36	14,460	30,742	202.88	15,112	38,431
202.37	14,473	30,887	202.89	15,124	38,582
202.38	14,485	31,032	202.90	15,137	38,734
202.39	14,498	31,177	202.91	15,149	38,885
202.40	14,510	31,322	202.92	15,162	39,037
202.41	14,523	31,467	202.93	15,174	39,188
202.42	14,535	31,612	202.94	15,187	39,340
202.43	14,548	31,758	202.95	15,199	39,492
202.44	14,560	31,903	202.96	15,212	39,644
202.45	14,573	32,049	202.97	15,224	39,796
202.46	14,585	32,195	202.98	15,237	39,949
202.47	14,598	32,341	202.99	15,249	40,101
202.48	14,610	32,487	203.00	15,262	40,254
202.49	14,623	32,633	203.01	15,275	40,406
202.50	14,636	32,779	203.02	15,288	40,559
202.51	14,648	32,926	203.03	15,301	40,712
202.52	14,661	33,072	203.04	15,314	40,865
202.53	14,673	33,219	203.05	15,327	41,018
202.54	14,686	33,366	203.06	15,340	41,172
202.55	14,698	33,512	203.07	15,353	41,325
202.56	14,711	33,660	203.08	15,366	41,479
202.57	14,723	33,807	203.09	15,379	41,632
202.58	14,736	33,954	203.10	15,392	41,786
202.59	14,748	34,101	203.11	15,405	41,940

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.12	15,418	42,094	203.64	16,091	50,287
203.13	15,430	42,249	203.65	16,104	50,448
203.14	15,443	42,403	203.66	16,117	50,609
203.15	15,456	42,557	203.67	16,130	50,770
203.16	15,469	42,712	203.68	16,143	50,931
203.17	15,482	42,867	203.69	16,156	51,093
203.18	15,495	43,022	203.70	16,169	51,254
203.19	15,508	43,177	203.71	16,182	51,416
203.20	15,521	43,332	203.72	16,195	51,578
203.21	15,534	43,487	203.73	16,208	51,740
203.22	15,547	43,643	203.74	16,221	51,902
203.23	15,560	43,798	203.75	16,234	52,065
203.24	15,573	43,954	203.76	16,247	52,227
203.25	15,586	44,110	203.77	16,260	52,389
203.26	15,599	44,265	203.78	16,273	52,552
203.27	15,612	44,421	203.79	16,286	52,715
203.28	15,625	44,578	203.80	16,299	52,878
203.29	15,638	44,734	203.81	16,312	53,041
203.30	15,651	44,890	203.82	16,325	53,204
203.31	15,664	45,047	203.83	16,338	53,367
203.32	15,677	45,204	203.84	16,351	53,531
203.33	15,690	45,361	203.85	16,364	53,694
203.34	15,703	45,517	203.86	16,377	53,858
203.35	15,716	45,675	203.87	16,390	54,022
203.36	15,729	45,832	203.88	16,402	54,186
203.37	15,742	45,989	203.89	16,415	54,350
203.38	15,754	46,147	203.90	16,428	54,514
203.39	15,767	46,304	203.91	16,441	54,679
203.40	15,780	46,462	203.92	16,454	54,843
203.41	15,793	46,620	203.93	16,467	55,008
203.42	15,806	46,778	203.94	16,480	55,172
203.43	15,819	46,936	203.95	16,493	55,337
203.44	15,832	47,094	203.96	16,506	55,502
203.45	15,845	47,253	203.97	16,519	55,667
203.46	15,858	47,411	203.98	16,532	55,833
203.47	15,871	47,570	203.99	16,545	55,998
203.48	15,884	47,729	204.00	16,558	56,164
203.49	15,897	47,887	204.01	16,571	56,329
203.50	15,910	48,047	204.02	16,585	56,495
203.51	15,923	48,206	204.03	16,598	56,661
203.52	15,936	48,365	204.04	16,612	56,827
203.53	15,949	48,524	204.05	16,625	56,993
203.54	15,962	48,684	204.06	16,638	57,159
203.55	15,975	48,844	204.07	16,652	57,326
203.56	15,988	49,003	204.08	16,665	57,492
203.57	16,001	49,163	204.09	16,678	57,659
203.58	16,014	49,323	204.10	16,692	57,826
203.59	16,027	49,484	204.11	16,705	57,993
203.60	16,040	49,644	204.12	16,719	58,160
203.61	16,053	49,804	204.13	16,732	58,327
203.62	16,066	49,965	204.14	16,745	58,495
203.63	16,078	50,126	204.15	16,759	58,662

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.16	16,772	58,830	204.68	17,468	67,732
204.17	16,785	58,998	204.69	17,481	67,907
204.18	16,799	59,166	204.70	17,495	68,082
204.19	16,812	59,334	204.71	17,508	68,257
204.20	16,826	59,502	204.72	17,521	68,432
204.21	16,839	59,670	204.73	17,535	68,607
204.22	16,852	59,839	204.74	17,548	68,783
204.23	16,866	60,007	204.75	17,562	68,958
204.24	16,879	60,176	204.76	17,575	69,134
204.25	16,893	60,345	204.77	17,588	69,310
204.26	16,906	60,514	204.78	17,602	69,486
204.27	16,919	60,683	204.79	17,615	69,662
204.28	16,933	60,852	204.80	17,628	69,838
204.29	16,946	61,022	204.81	17,642	70,014
204.30	16,959	61,191	204.82	17,655	70,191
204.31	16,973	61,361	204.83	17,669	70,368
204.32	16,986	61,531	204.84	17,682	70,544
204.33	17,000	61,700	204.85	17,695	70,721
204.34	17,013	61,871	204.86	17,709	70,898
204.35	17,026	62,041	204.87	17,722	71,075
204.36	17,040	62,211	204.88	17,735	71,253
204.37	17,053	62,382	204.89	17,749	71,430
204.38	17,066	62,552	204.90	17,762	71,608
204.39	17,080	62,723	204.91	17,776	71,785
204.40	17,093	62,894	204.92	17,789	71,963
204.41	17,107	63,065	204.93	17,802	72,141
204.42	17,120	63,236	204.94	17,816	72,319
204.43	17,133	63,407	204.95	17,829	72,497
204.44	17,147	63,579	204.96	17,842	72,676
204.45	17,160	63,750	204.97	17,856	72,854
204.46	17,173	63,922	204.98	17,869	73,033
204.47	17,187	64,094	204.99	17,883	73,212
204.48	17,200	64,265	205.00	17,896	73,391
204.49	17,214	64,438	205.01	17,910	73,570
204.50	17,227	64,610	205.02	17,924	73,749
204.51	17,240	64,782	205.03	17,937	73,928
204.52	17,254	64,955	205.04	17,951	74,107
204.53	17,267	65,127	205.05	17,965	74,287
204.54	17,281	65,300	205.06	17,979	74,467
204.55	17,294	65,473	205.07	17,993	74,647
204.56	17,307	65,646	205.08	18,006	74,827
204.57	17,321	65,819	205.09	18,020	75,007
204.58	17,334	65,992	205.10	18,034	75,187
204.59	17,347	66,166	205.11	18,048	75,367
204.60	17,361	66,339	205.12	18,061	75,548
204.61	17,374	66,513	205.13	18,075	75,729
204.62	17,388	66,687	205.14	18,089	75,909
204.63	17,401	66,861	205.15	18,103	76,090
204.64	17,414	67,035	205.16	18,117	76,272
204.65	17,428	67,209	205.17	18,130	76,453
204.66	17,441	67,383	205.18	18,144	76,634
204.67	17,454	67,558	205.19	18,158	76,816

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.20	18,172	76,997	205.72	18,889	86,633
205.21	18,186	77,179	205.73	18,903	86,822
205.22	18,199	77,361	205.74	18,916	87,011
205.23	18,213	77,543	205.75	18,930	87,200
205.24	18,227	77,725	205.76	18,944	87,390
205.25	18,241	77,908	205.77	18,958	87,579
205.26	18,255	78,090	205.78	18,972	87,769
205.27	18,268	78,273	205.79	18,985	87,959
205.28	18,282	78,455	205.80	18,999	88,149
205.29	18,296	78,638	205.81	19,013	88,339
205.30	18,310	78,821	205.82	19,027	88,529
205.31	18,323	79,005	205.83	19,041	88,719
205.32	18,337	79,188	205.84	19,054	88,910
205.33	18,351	79,371	205.85	19,068	89,100
205.34	18,365	79,555	205.86	19,082	89,291
205.35	18,379	79,739	205.87	19,096	89,482
205.36	18,392	79,922	205.88	19,110	89,673
205.37	18,406	80,106	205.89	19,123	89,864
205.38	18,420	80,291	205.90	19,137	90,055
205.39	18,434	80,475	205.91	19,151	90,247
205.40	18,448	80,659	205.92	19,165	90,438
205.41	18,461	80,844	205.93	19,178	90,630
205.42	18,475	81,028	205.94	19,192	90,822
205.43	18,489	81,213	205.95	19,206	91,014
205.44	18,503	81,398	205.96	19,220	91,206
205.45	18,517	81,583	205.97	19,234	91,398
205.46	18,530	81,769	205.98	19,247	91,591
205.47	18,544	81,954	205.99	19,261	91,783
205.48	18,558	82,139	206.00	19,275	91,976
205.49	18,572	82,325			
205.50	18,586	82,511			
205.51	18,599	82,697			
205.52	18,613	82,883			
205.53	18,627	83,069			
205.54	18,641	83,255			
205.55	18,654	83,442			
205.56	18,668	83,628			
205.57	18,682	83,815			
205.58	18,696	84,002			
205.59	18,710	84,189			
205.60	18,723	84,376			
205.61	18,737	84,564			
205.62	18,751	84,751			
205.63	18,765	84,939			
205.64	18,779	85,126			
205.65	18,792	85,314			
205.66	18,806	85,502			
205.67	18,820	85,690			
205.68	18,834	85,879			
205.69	18,848	86,067			
205.70	18,861	86,256			
205.71	18,875	86,444			

Summary for Pond B-6: Basin #6

Inflow Area = 1.191 ac, 58.27% Impervious, Inflow Depth = 7.00" for Current 100 yr event
 Inflow = 8.25 cfs @ 12.17 hrs, Volume= 0.695 af
 Outflow = 0.27 cfs @ 15.23 hrs, Volume= 0.526 af, Atten= 97%, Lag= 183.9 min
 Primary = 0.27 cfs @ 15.23 hrs, Volume= 0.526 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.32' @ 15.23 hrs Surf.Area= 7,730 sf Storage= 21,669 cf

Plug-Flow detention time= 773.4 min calculated for 0.526 af (76% of inflow)
 Center-of-Mass det. time= 683.8 min (1,452.7 - 769.0)

Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	35,769 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,389	0	0
200.00	6,060	5,725	5,725
201.00	6,761	6,411	12,135
202.00	7,490	7,126	19,261
203.00	8,247	7,869	27,129
204.00	9,032	8,640	35,769

Device	Routing	Invert	Outlet Devices
#1	Primary	197.65'	18.0" Round Culvert L= 627.0' Ke= 0.500 Inlet / Outlet Invert= 197.65' / 194.00' S= 0.0058 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	199.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	203.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.27 cfs @ 15.23 hrs HW=202.32' (Free Discharge)

1=Culvert (Passes 0.27 cfs of 10.28 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 7.93 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

Pond B-6: Basin #6

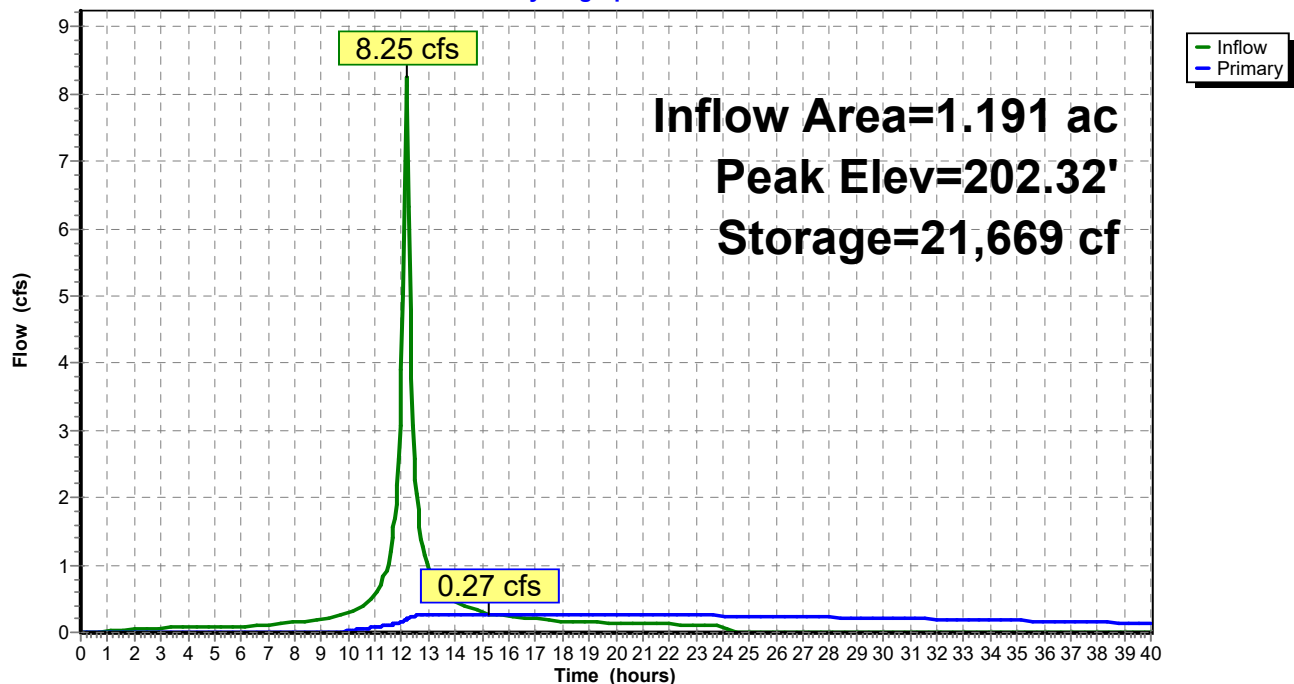
Orifice/Grate

Culvert



Pond B-6: Basin #6

Hydrograph



Hydrograph for Pond B-6: Basin #6

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.00	0	199.00	0.00
0.70	0.01	2	199.00	0.00
0.80	0.01	4	199.00	0.00
0.90	0.01	9	199.00	0.00
1.00	0.02	15	199.00	0.00
1.10	0.02	22	199.00	0.00
1.20	0.03	31	199.01	0.00
1.30	0.03	40	199.01	0.00
1.40	0.03	51	199.01	0.00
1.50	0.03	63	199.01	0.00
1.60	0.04	75	199.01	0.00
1.70	0.04	89	199.02	0.00
1.80	0.04	103	199.02	0.00
1.90	0.04	118	199.02	0.00
2.00	0.05	134	199.02	0.00
2.10	0.05	151	199.03	0.00
2.20	0.05	168	199.03	0.00
2.30	0.05	186	199.03	0.00
2.40	0.05	205	199.04	0.00
2.50	0.05	224	199.04	0.00
2.60	0.06	243	199.04	0.00
2.70	0.06	263	199.05	0.00
2.80	0.06	284	199.05	0.00
2.90	0.06	305	199.06	0.00
3.00	0.06	327	199.06	0.00
3.10	0.06	349	199.06	0.00
3.20	0.06	371	199.07	0.00
3.30	0.06	394	199.07	0.00
3.40	0.07	417	199.08	0.00
3.50	0.07	441	199.08	0.00
3.60	0.07	465	199.09	0.00
3.70	0.07	490	199.09	0.00
3.80	0.07	515	199.09	0.00
3.90	0.07	540	199.10	0.00
4.00	0.07	566	199.10	0.00
4.10	0.07	591	199.11	0.00
4.20	0.07	618	199.11	0.00
4.30	0.07	644	199.12	0.00
4.40	0.08	671	199.12	0.00
4.50	0.08	699	199.13	0.00
4.60	0.08	726	199.13	0.00
4.70	0.08	754	199.14	0.00
4.80	0.08	783	199.14	0.00
4.90	0.08	811	199.15	0.00
5.00	0.08	840	199.15	0.00
5.10	0.08	869	199.16	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	899	199.17	0.00
5.30	0.08	928	199.17	0.00
5.40	0.08	959	199.18	0.00
5.50	0.08	989	199.18	0.00
5.60	0.09	1,019	199.19	0.00
5.70	0.09	1,050	199.19	0.00
5.80	0.09	1,082	199.20	0.00
5.90	0.09	1,113	199.20	0.00
6.00	0.09	1,145	199.21	0.00
6.10	0.09	1,177	199.22	0.00
6.20	0.09	1,209	199.22	0.00
6.30	0.09	1,243	199.23	0.00
6.40	0.10	1,277	199.23	0.00
6.50	0.10	1,312	199.24	0.00
6.60	0.10	1,349	199.25	0.00
6.70	0.11	1,386	199.25	0.00
6.80	0.11	1,425	199.26	0.00
6.90	0.11	1,465	199.27	0.00
7.00	0.12	1,505	199.27	0.00
7.10	0.12	1,548	199.28	0.00
7.20	0.12	1,591	199.29	0.00
7.30	0.13	1,635	199.30	0.00
7.40	0.13	1,681	199.31	0.00
7.50	0.13	1,728	199.31	0.00
7.60	0.14	1,776	199.32	0.00
7.70	0.14	1,825	199.33	0.00
7.80	0.14	1,876	199.34	0.00
7.90	0.15	1,927	199.35	0.00
8.00	0.15	1,980	199.36	0.00
8.10	0.15	2,035	199.37	0.00
8.20	0.16	2,091	199.38	0.00
8.30	0.16	2,148	199.39	0.00
8.40	0.16	2,206	199.40	0.00
8.50	0.17	2,265	199.41	0.00
8.60	0.17	2,326	199.42	0.00
8.70	0.17	2,389	199.43	0.00
8.80	0.18	2,452	199.44	0.00
8.90	0.18	2,517	199.45	0.00
9.00	0.19	2,584	199.47	0.00
9.10	0.19	2,652	199.48	0.00
9.20	0.20	2,723	199.49	0.00
9.30	0.21	2,797	199.50	0.00
9.40	0.23	2,876	199.52	0.00
9.50	0.24	2,958	199.53	0.00
9.60	0.25	3,044	199.55	0.00
9.70	0.26	3,134	199.56	0.01
9.80	0.27	3,227	199.58	0.01
9.90	0.29	3,322	199.59	0.02
10.00	0.30	3,421	199.61	0.02
10.10	0.31	3,522	199.63	0.03
10.20	0.33	3,626	199.65	0.03
10.30	0.34	3,733	199.67	0.04

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.35	3,842	199.68	0.05
10.50	0.37	3,953	199.70	0.05
10.60	0.39	4,069	199.72	0.06
10.70	0.43	4,194	199.74	0.06
10.80	0.47	4,332	199.77	0.07
10.90	0.52	4,486	199.79	0.07
11.00	0.57	4,655	199.82	0.08
11.10	0.63	4,841	199.85	0.08
11.20	0.71	5,051	199.89	0.09
11.30	0.80	5,290	199.93	0.09
11.40	0.89	5,559	199.97	0.10
11.50	0.98	5,861	200.02	0.11
11.60	1.19	6,205	200.08	0.11
11.70	1.57	6,663	200.15	0.12
11.80	1.90	7,235	200.25	0.13
11.90	2.57	7,981	200.36	0.14
12.00	3.89	9,062	200.53	0.16
12.10	6.59	10,848	200.81	0.18
12.20	7.95	13,548	201.21	0.21
12.30	4.80	15,758	201.52	0.23
12.40	3.08	17,064	201.70	0.24
12.50	2.26	17,921	201.82	0.24
12.60	1.83	18,570	201.91	0.25
12.70	1.38	19,050	201.97	0.25
12.80	1.19	19,417	202.02	0.26
12.90	1.07	19,730	202.06	0.26
13.00	0.96	20,002	202.10	0.26
13.10	0.86	20,237	202.13	0.26
13.20	0.77	20,436	202.16	0.26
13.30	0.71	20,607	202.18	0.26
13.40	0.65	20,756	202.20	0.26
13.50	0.59	20,884	202.21	0.27
13.60	0.54	20,993	202.23	0.27
13.70	0.50	21,083	202.24	0.27
13.80	0.47	21,160	202.25	0.27
13.90	0.46	21,231	202.26	0.27
14.00	0.44	21,296	202.27	0.27
14.10	0.43	21,356	202.28	0.27
14.20	0.41	21,410	202.28	0.27
14.30	0.40	21,460	202.29	0.27
14.40	0.38	21,504	202.30	0.27
14.50	0.37	21,543	202.30	0.27
14.60	0.36	21,576	202.30	0.27
14.70	0.34	21,605	202.31	0.27
14.80	0.33	21,628	202.31	0.27
14.90	0.31	21,646	202.31	0.27
15.00	0.30	21,659	202.32	0.27
15.10	0.28	21,667	202.32	0.27
15.20	0.27	21,670	202.32	0.27
15.30	0.27	21,669	202.32	0.27
15.40	0.26	21,667	202.32	0.27
15.50	0.26	21,663	202.32	0.27

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.25	21,658	202.32	0.27
15.70	0.25	21,652	202.31	0.27
15.80	0.25	21,645	202.31	0.27
15.90	0.24	21,635	202.31	0.27
16.00	0.24	21,625	202.31	0.27
16.10	0.24	21,613	202.31	0.27
16.20	0.23	21,600	202.31	0.27
16.30	0.23	21,586	202.31	0.27
16.40	0.22	21,571	202.30	0.27
16.50	0.22	21,554	202.30	0.27
16.60	0.22	21,535	202.30	0.27
16.70	0.21	21,516	202.30	0.27
16.80	0.21	21,495	202.29	0.27
16.90	0.21	21,472	202.29	0.27
17.00	0.20	21,449	202.29	0.27
17.10	0.20	21,424	202.28	0.27
17.20	0.19	21,398	202.28	0.27
17.30	0.19	21,370	202.28	0.27
17.40	0.19	21,341	202.27	0.27
17.50	0.18	21,311	202.27	0.27
17.60	0.18	21,280	202.27	0.27
17.70	0.18	21,247	202.26	0.27
17.80	0.17	21,213	202.26	0.27
17.90	0.17	21,178	202.25	0.27
18.00	0.16	21,141	202.25	0.27
18.10	0.16	21,103	202.24	0.27
18.20	0.16	21,064	202.24	0.27
18.30	0.15	21,025	202.23	0.27
18.40	0.15	20,984	202.23	0.27
18.50	0.15	20,944	202.22	0.27
18.60	0.15	20,903	202.22	0.27
18.70	0.15	20,862	202.21	0.27
18.80	0.15	20,821	202.21	0.26
18.90	0.15	20,780	202.20	0.26
19.00	0.15	20,738	202.20	0.26
19.10	0.15	20,696	202.19	0.26
19.20	0.15	20,654	202.18	0.26
19.30	0.15	20,611	202.18	0.26
19.40	0.14	20,569	202.17	0.26
19.50	0.14	20,526	202.17	0.26
19.60	0.14	20,483	202.16	0.26
19.70	0.14	20,439	202.16	0.26
19.80	0.14	20,396	202.15	0.26
19.90	0.14	20,352	202.14	0.26
20.00	0.14	20,308	202.14	0.26
20.10	0.14	20,264	202.13	0.26
20.20	0.14	20,219	202.13	0.26
20.30	0.14	20,175	202.12	0.26
20.40	0.13	20,130	202.12	0.26
20.50	0.13	20,084	202.11	0.26
20.60	0.13	20,039	202.10	0.26
20.70	0.13	19,993	202.10	0.26

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	19,948	202.09	0.26
20.90	0.13	19,901	202.09	0.26
21.00	0.13	19,855	202.08	0.26
21.10	0.13	19,808	202.07	0.26
21.20	0.13	19,761	202.07	0.26
21.30	0.13	19,714	202.06	0.26
21.40	0.13	19,667	202.05	0.26
21.50	0.12	19,620	202.05	0.26
21.60	0.12	19,572	202.04	0.26
21.70	0.12	19,524	202.04	0.26
21.80	0.12	19,476	202.03	0.26
21.90	0.12	19,428	202.02	0.26
22.00	0.12	19,379	202.02	0.25
22.10	0.12	19,330	202.01	0.25
22.20	0.12	19,281	202.00	0.25
22.30	0.12	19,232	202.00	0.25
22.40	0.12	19,183	201.99	0.25
22.50	0.11	19,133	201.98	0.25
22.60	0.11	19,083	201.98	0.25
22.70	0.11	19,033	201.97	0.25
22.80	0.11	18,983	201.96	0.25
22.90	0.11	18,932	201.96	0.25
23.00	0.11	18,881	201.95	0.25
23.10	0.11	18,830	201.94	0.25
23.20	0.11	18,779	201.94	0.25
23.30	0.11	18,728	201.93	0.25
23.40	0.11	18,676	201.92	0.25
23.50	0.11	18,624	201.91	0.25
23.60	0.10	18,572	201.91	0.25
23.70	0.10	18,520	201.90	0.25
23.80	0.10	18,468	201.89	0.25
23.90	0.10	18,415	201.89	0.25
24.00	0.11	18,363	201.88	0.25
24.10	0.09	18,311	201.87	0.25
24.20	0.03	18,242	201.86	0.25
24.30	0.01	18,158	201.85	0.25
24.40	0.00	18,071	201.84	0.25
24.50	0.00	17,983	201.83	0.24
24.60	0.00	17,895	201.82	0.24
24.70	0.00	17,807	201.80	0.24
24.80	0.00	17,720	201.79	0.24
24.90	0.00	17,633	201.78	0.24
25.00	0.00	17,546	201.77	0.24
25.10	0.00	17,459	201.76	0.24
25.20	0.00	17,372	201.74	0.24
25.30	0.00	17,286	201.73	0.24
25.40	0.00	17,200	201.72	0.24
25.50	0.00	17,114	201.71	0.24
25.60	0.00	17,028	201.70	0.24
25.70	0.00	16,943	201.69	0.24
25.80	0.00	16,858	201.67	0.24
25.90	0.00	16,773	201.66	0.24

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	16,688	201.65	0.23
26.10	0.00	16,604	201.64	0.23
26.20	0.00	16,520	201.63	0.23
26.30	0.00	16,436	201.62	0.23
26.40	0.00	16,352	201.60	0.23
26.50	0.00	16,269	201.59	0.23
26.60	0.00	16,185	201.58	0.23
26.70	0.00	16,102	201.57	0.23
26.80	0.00	16,020	201.56	0.23
26.90	0.00	15,937	201.55	0.23
27.00	0.00	15,855	201.53	0.23
27.10	0.00	15,773	201.52	0.23
27.20	0.00	15,691	201.51	0.23
27.30	0.00	15,610	201.50	0.23
27.40	0.00	15,529	201.49	0.23
27.50	0.00	15,448	201.48	0.22
27.60	0.00	15,367	201.47	0.22
27.70	0.00	15,286	201.45	0.22
27.80	0.00	15,206	201.44	0.22
27.90	0.00	15,126	201.43	0.22
28.00	0.00	15,046	201.42	0.22
28.10	0.00	14,967	201.41	0.22
28.20	0.00	14,888	201.40	0.22
28.30	0.00	14,808	201.39	0.22
28.40	0.00	14,730	201.38	0.22
28.50	0.00	14,651	201.36	0.22
28.60	0.00	14,573	201.35	0.22
28.70	0.00	14,495	201.34	0.22
28.80	0.00	14,417	201.33	0.22
28.90	0.00	14,340	201.32	0.22
29.00	0.00	14,262	201.31	0.21
29.10	0.00	14,185	201.30	0.21
29.20	0.00	14,108	201.29	0.21
29.30	0.00	14,032	201.28	0.21
29.40	0.00	13,956	201.27	0.21
29.50	0.00	13,880	201.25	0.21
29.60	0.00	13,804	201.24	0.21
29.70	0.00	13,728	201.23	0.21
29.80	0.00	13,653	201.22	0.21
29.90	0.00	13,578	201.21	0.21
30.00	0.00	13,503	201.20	0.21
30.10	0.00	13,429	201.19	0.21
30.20	0.00	13,354	201.18	0.21
30.30	0.00	13,280	201.17	0.21
30.40	0.00	13,207	201.16	0.20
30.50	0.00	13,133	201.15	0.20
30.60	0.00	13,060	201.14	0.20
30.70	0.00	12,987	201.13	0.20
30.80	0.00	12,914	201.11	0.20
30.90	0.00	12,842	201.10	0.20
31.00	0.00	12,769	201.09	0.20
31.10	0.00	12,697	201.08	0.20

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,626	201.07	0.20
31.30	0.00	12,554	201.06	0.20
31.40	0.00	12,483	201.05	0.20
31.50	0.00	12,412	201.04	0.20
31.60	0.00	12,341	201.03	0.20
31.70	0.00	12,271	201.02	0.20
31.80	0.00	12,201	201.01	0.19
31.90	0.00	12,131	201.00	0.19
32.00	0.00	12,061	200.99	0.19
32.10	0.00	11,992	200.98	0.19
32.20	0.00	11,923	200.97	0.19
32.30	0.00	11,854	200.96	0.19
32.40	0.00	11,785	200.95	0.19
32.50	0.00	11,717	200.94	0.19
32.60	0.00	11,649	200.93	0.19
32.70	0.00	11,581	200.92	0.19
32.80	0.00	11,513	200.91	0.19
32.90	0.00	11,446	200.90	0.19
33.00	0.00	11,379	200.89	0.19
33.10	0.00	11,312	200.88	0.19
33.20	0.00	11,245	200.87	0.18
33.30	0.00	11,179	200.86	0.18
33.40	0.00	11,113	200.85	0.18
33.50	0.00	11,047	200.84	0.18
33.60	0.00	10,982	200.83	0.18
33.70	0.00	10,917	200.82	0.18
33.80	0.00	10,852	200.81	0.18
33.90	0.00	10,787	200.80	0.18
34.00	0.00	10,723	200.79	0.18
34.10	0.00	10,658	200.78	0.18
34.20	0.00	10,594	200.77	0.18
34.30	0.00	10,531	200.76	0.18
34.40	0.00	10,467	200.75	0.18
34.50	0.00	10,404	200.74	0.17
34.60	0.00	10,341	200.73	0.17
34.70	0.00	10,279	200.72	0.17
34.80	0.00	10,217	200.71	0.17
34.90	0.00	10,155	200.70	0.17
35.00	0.00	10,093	200.69	0.17
35.10	0.00	10,031	200.68	0.17
35.20	0.00	9,970	200.67	0.17
35.30	0.00	9,909	200.66	0.17
35.40	0.00	9,848	200.66	0.17
35.50	0.00	9,788	200.65	0.17
35.60	0.00	9,728	200.64	0.17
35.70	0.00	9,668	200.63	0.17
35.80	0.00	9,608	200.62	0.17
35.90	0.00	9,549	200.61	0.16
36.00	0.00	9,490	200.60	0.16
36.10	0.00	9,431	200.59	0.16
36.20	0.00	9,372	200.58	0.16
36.30	0.00	9,314	200.57	0.16

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,256	200.56	0.16
36.50	0.00	9,198	200.56	0.16
36.60	0.00	9,141	200.55	0.16
36.70	0.00	9,083	200.54	0.16
36.80	0.00	9,026	200.53	0.16
36.90	0.00	8,970	200.52	0.16
37.00	0.00	8,913	200.51	0.16
37.10	0.00	8,857	200.50	0.16
37.20	0.00	8,801	200.49	0.15
37.30	0.00	8,746	200.48	0.15
37.40	0.00	8,690	200.48	0.15
37.50	0.00	8,635	200.47	0.15
37.60	0.00	8,581	200.46	0.15
37.70	0.00	8,526	200.45	0.15
37.80	0.00	8,472	200.44	0.15
37.90	0.00	8,418	200.43	0.15
38.00	0.00	8,364	200.43	0.15
38.10	0.00	8,311	200.42	0.15
38.20	0.00	8,258	200.41	0.15
38.30	0.00	8,205	200.40	0.15
38.40	0.00	8,152	200.39	0.15
38.50	0.00	8,100	200.38	0.14
38.60	0.00	8,048	200.38	0.14
38.70	0.00	7,996	200.37	0.14
38.80	0.00	7,945	200.36	0.14
38.90	0.00	7,894	200.35	0.14
39.00	0.00	7,843	200.34	0.14
39.10	0.00	7,792	200.33	0.14
39.20	0.00	7,742	200.33	0.14
39.30	0.00	7,692	200.32	0.14
39.40	0.00	7,642	200.31	0.14
39.50	0.00	7,592	200.30	0.14
39.60	0.00	7,543	200.30	0.14
39.70	0.00	7,494	200.29	0.14
39.80	0.00	7,445	200.28	0.13
39.90	0.00	7,397	200.27	0.13
40.00	0.00	7,349	200.26	0.13

Stage-Discharge for Pond B-6: Basin #6

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.11	200.56	0.16
199.01	0.00	199.53	0.00	200.05	0.11	200.57	0.16
199.02	0.00	199.54	0.00	200.06	0.11	200.58	0.16
199.03	0.00	199.55	0.00	200.07	0.11	200.59	0.16
199.04	0.00	199.56	0.01	200.08	0.11	200.60	0.16
199.05	0.00	199.57	0.01	200.09	0.11	200.61	0.16
199.06	0.00	199.58	0.01	200.10	0.12	200.62	0.17
199.07	0.00	199.59	0.01	200.11	0.12	200.63	0.17
199.08	0.00	199.60	0.02	200.12	0.12	200.64	0.17
199.09	0.00	199.61	0.02	200.13	0.12	200.65	0.17
199.10	0.00	199.62	0.02	200.14	0.12	200.66	0.17
199.11	0.00	199.63	0.03	200.15	0.12	200.67	0.17
199.12	0.00	199.64	0.03	200.16	0.12	200.68	0.17
199.13	0.00	199.65	0.03	200.17	0.12	200.69	0.17
199.14	0.00	199.66	0.04	200.18	0.12	200.70	0.17
199.15	0.00	199.67	0.04	200.19	0.13	200.71	0.17
199.16	0.00	199.68	0.05	200.20	0.13	200.72	0.17
199.17	0.00	199.69	0.05	200.21	0.13	200.73	0.17
199.18	0.00	199.70	0.05	200.22	0.13	200.74	0.17
199.19	0.00	199.71	0.05	200.23	0.13	200.75	0.18
199.20	0.00	199.72	0.06	200.24	0.13	200.76	0.18
199.21	0.00	199.73	0.06	200.25	0.13	200.77	0.18
199.22	0.00	199.74	0.06	200.26	0.13	200.78	0.18
199.23	0.00	199.75	0.06	200.27	0.13	200.79	0.18
199.24	0.00	199.76	0.06	200.28	0.13	200.80	0.18
199.25	0.00	199.77	0.07	200.29	0.14	200.81	0.18
199.26	0.00	199.78	0.07	200.30	0.14	200.82	0.18
199.27	0.00	199.79	0.07	200.31	0.14	200.83	0.18
199.28	0.00	199.80	0.07	200.32	0.14	200.84	0.18
199.29	0.00	199.81	0.07	200.33	0.14	200.85	0.18
199.30	0.00	199.82	0.08	200.34	0.14	200.86	0.18
199.31	0.00	199.83	0.08	200.35	0.14	200.87	0.18
199.32	0.00	199.84	0.08	200.36	0.14	200.88	0.19
199.33	0.00	199.85	0.08	200.37	0.14	200.89	0.19
199.34	0.00	199.86	0.08	200.38	0.14	200.90	0.19
199.35	0.00	199.87	0.08	200.39	0.15	200.91	0.19
199.36	0.00	199.88	0.09	200.40	0.15	200.92	0.19
199.37	0.00	199.89	0.09	200.41	0.15	200.93	0.19
199.38	0.00	199.90	0.09	200.42	0.15	200.94	0.19
199.39	0.00	199.91	0.09	200.43	0.15	200.95	0.19
199.40	0.00	199.92	0.09	200.44	0.15	200.96	0.19
199.41	0.00	199.93	0.09	200.45	0.15	200.97	0.19
199.42	0.00	199.94	0.10	200.46	0.15	200.98	0.19
199.43	0.00	199.95	0.10	200.47	0.15	200.99	0.19
199.44	0.00	199.96	0.10	200.48	0.15	201.00	0.19
199.45	0.00	199.97	0.10	200.49	0.15	201.01	0.19
199.46	0.00	199.98	0.10	200.50	0.16	201.02	0.20
199.47	0.00	199.99	0.10	200.51	0.16	201.03	0.20
199.48	0.00	200.00	0.10	200.52	0.16	201.04	0.20
199.49	0.00	200.01	0.10	200.53	0.16	201.05	0.20
199.50	0.00	200.02	0.11	200.54	0.16	201.06	0.20
199.51	0.00	200.03	0.11	200.55	0.16	201.07	0.20

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	0.20	201.60	0.23	202.12	0.26	202.64	0.29
201.09	0.20	201.61	0.23	202.13	0.26	202.65	0.29
201.10	0.20	201.62	0.23	202.14	0.26	202.66	0.29
201.11	0.20	201.63	0.23	202.15	0.26	202.67	0.29
201.12	0.20	201.64	0.23	202.16	0.26	202.68	0.29
201.13	0.20	201.65	0.23	202.17	0.26	202.69	0.29
201.14	0.20	201.66	0.24	202.18	0.26	202.70	0.29
201.15	0.20	201.67	0.24	202.19	0.26	202.71	0.29
201.16	0.20	201.68	0.24	202.20	0.26	202.72	0.29
201.17	0.21	201.69	0.24	202.21	0.26	202.73	0.29
201.18	0.21	201.70	0.24	202.22	0.27	202.74	0.29
201.19	0.21	201.71	0.24	202.23	0.27	202.75	0.29
201.20	0.21	201.72	0.24	202.24	0.27	202.76	0.29
201.21	0.21	201.73	0.24	202.25	0.27	202.77	0.29
201.22	0.21	201.74	0.24	202.26	0.27	202.78	0.29
201.23	0.21	201.75	0.24	202.27	0.27	202.79	0.29
201.24	0.21	201.76	0.24	202.28	0.27	202.80	0.29
201.25	0.21	201.77	0.24	202.29	0.27	202.81	0.29
201.26	0.21	201.78	0.24	202.30	0.27	202.82	0.29
201.27	0.21	201.79	0.24	202.31	0.27	202.83	0.29
201.28	0.21	201.80	0.24	202.32	0.27	202.84	0.30
201.29	0.21	201.81	0.24	202.33	0.27	202.85	0.30
201.30	0.21	201.82	0.24	202.34	0.27	202.86	0.30
201.31	0.21	201.83	0.24	202.35	0.27	202.87	0.30
201.32	0.22	201.84	0.25	202.36	0.27	202.88	0.30
201.33	0.22	201.85	0.25	202.37	0.27	202.89	0.30
201.34	0.22	201.86	0.25	202.38	0.27	202.90	0.30
201.35	0.22	201.87	0.25	202.39	0.27	202.91	0.30
201.36	0.22	201.88	0.25	202.40	0.27	202.92	0.30
201.37	0.22	201.89	0.25	202.41	0.27	202.93	0.30
201.38	0.22	201.90	0.25	202.42	0.28	202.94	0.30
201.39	0.22	201.91	0.25	202.43	0.28	202.95	0.30
201.40	0.22	201.92	0.25	202.44	0.28	202.96	0.30
201.41	0.22	201.93	0.25	202.45	0.28	202.97	0.30
201.42	0.22	201.94	0.25	202.46	0.28	202.98	0.30
201.43	0.22	201.95	0.25	202.47	0.28	202.99	0.30
201.44	0.22	201.96	0.25	202.48	0.28	203.00	0.30
201.45	0.22	201.97	0.25	202.49	0.28	203.01	0.32
201.46	0.22	201.98	0.25	202.50	0.28	203.02	0.34
201.47	0.22	201.99	0.25	202.51	0.28	203.03	0.37
201.48	0.22	202.00	0.25	202.52	0.28	203.04	0.41
201.49	0.23	202.01	0.25	202.53	0.28	203.05	0.45
201.50	0.23	202.02	0.26	202.54	0.28	203.06	0.50
201.51	0.23	202.03	0.26	202.55	0.28	203.07	0.55
201.52	0.23	202.04	0.26	202.56	0.28	203.08	0.60
201.53	0.23	202.05	0.26	202.57	0.28	203.09	0.66
201.54	0.23	202.06	0.26	202.58	0.28	203.10	0.72
201.55	0.23	202.07	0.26	202.59	0.28	203.11	0.78
201.56	0.23	202.08	0.26	202.60	0.28	203.12	0.85
201.57	0.23	202.09	0.26	202.61	0.28	203.13	0.92
201.58	0.23	202.10	0.26	202.62	0.29	203.14	0.99
201.59	0.23	202.11	0.26	202.63	0.29	203.15	1.06

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	1.14	203.68	16.43
203.17	1.22	203.69	17.35
203.18	1.30	203.70	18.29
203.19	1.38	203.71	19.29
203.20	1.47	203.72	20.32
203.21	1.56	203.73	21.38
203.22	1.65	203.74	22.46
203.23	1.74	203.75	23.56
203.24	1.83	203.76	24.70
203.25	1.93	203.77	25.86
203.26	2.03	203.78	27.04
203.27	2.12	203.79	28.25
203.28	2.23	203.80	29.49
203.29	2.33	203.81	30.75
203.30	2.43	203.82	32.04
203.31	2.54	203.83	33.35
203.32	2.65	203.84	34.69
203.33	2.76	203.85	36.05
203.34	2.87	203.86	37.44
203.35	2.98	203.87	38.85
203.36	3.09	203.88	40.29
203.37	3.21	203.89	41.75
203.38	3.32	203.90	43.24
203.39	3.44	203.91	44.77
203.40	3.56	203.92	46.34
203.41	3.68	203.93	47.84
203.42	3.81	203.94	49.29
203.43	3.93	203.95	50.77
203.44	4.06	203.96	52.27
203.45	4.18	203.97	53.80
203.46	4.31	203.98	55.36
203.47	4.44	203.99	56.94
203.48	4.57	204.00	58.55
203.49	4.70		
203.50	4.83		
203.51	5.08		
203.52	5.43		
203.53	5.85		
203.54	6.31		
203.55	6.83		
203.56	7.38		
203.57	7.97		
203.58	8.59		
203.59	9.25		
203.60	9.94		
203.61	10.66		
203.62	11.41		
203.63	12.18		
203.64	12.98		
203.65	13.81		
203.66	14.66		
203.67	15.53		

Stage-Area-Storage for Pond B-6: Basin #6

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,389	0	199.52	5,738	2,893
199.01	5,396	54	199.53	5,745	2,950
199.02	5,402	108	199.54	5,751	3,008
199.03	5,409	162	199.55	5,758	3,065
199.04	5,416	216	199.56	5,765	3,123
199.05	5,423	270	199.57	5,771	3,181
199.06	5,429	325	199.58	5,778	3,238
199.07	5,436	379	199.59	5,785	3,296
199.08	5,443	433	199.60	5,792	3,354
199.09	5,449	488	199.61	5,798	3,412
199.10	5,456	542	199.62	5,805	3,470
199.11	5,463	597	199.63	5,812	3,528
199.12	5,470	652	199.64	5,818	3,586
199.13	5,476	706	199.65	5,825	3,645
199.14	5,483	761	199.66	5,832	3,703
199.15	5,490	816	199.67	5,839	3,761
199.16	5,496	871	199.68	5,845	3,820
199.17	5,503	926	199.69	5,852	3,878
199.18	5,510	981	199.70	5,859	3,937
199.19	5,516	1,036	199.71	5,865	3,995
199.20	5,523	1,091	199.72	5,872	4,054
199.21	5,530	1,146	199.73	5,879	4,113
199.22	5,537	1,202	199.74	5,886	4,172
199.23	5,543	1,257	199.75	5,892	4,230
199.24	5,550	1,313	199.76	5,899	4,289
199.25	5,557	1,368	199.77	5,906	4,348
199.26	5,563	1,424	199.78	5,912	4,408
199.27	5,570	1,479	199.79	5,919	4,467
199.28	5,577	1,535	199.80	5,926	4,526
199.29	5,584	1,591	199.81	5,933	4,585
199.30	5,590	1,647	199.82	5,939	4,645
199.31	5,597	1,703	199.83	5,946	4,704
199.32	5,604	1,759	199.84	5,953	4,763
199.33	5,610	1,815	199.85	5,959	4,823
199.34	5,617	1,871	199.86	5,966	4,883
199.35	5,624	1,927	199.87	5,973	4,942
199.36	5,631	1,984	199.88	5,979	5,002
199.37	5,637	2,040	199.89	5,986	5,062
199.38	5,644	2,096	199.90	5,993	5,122
199.39	5,651	2,153	199.91	6,000	5,182
199.40	5,657	2,209	199.92	6,006	5,242
199.41	5,664	2,266	199.93	6,013	5,302
199.42	5,671	2,323	199.94	6,020	5,362
199.43	5,678	2,379	199.95	6,026	5,422
199.44	5,684	2,436	199.96	6,033	5,483
199.45	5,691	2,493	199.97	6,040	5,543
199.46	5,698	2,550	199.98	6,047	5,603
199.47	5,704	2,607	199.99	6,053	5,664
199.48	5,711	2,664	200.00	6,060	5,725
199.49	5,718	2,721	200.01	6,067	5,785
199.50	5,725	2,778	200.02	6,074	5,846
199.51	5,731	2,836	200.03	6,081	5,907

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	6,088	5,967	200.56	6,453	9,228
200.05	6,095	6,028	200.57	6,460	9,293
200.06	6,102	6,089	200.58	6,467	9,357
200.07	6,109	6,150	200.59	6,474	9,422
200.08	6,116	6,212	200.60	6,481	9,487
200.09	6,123	6,273	200.61	6,488	9,552
200.10	6,130	6,334	200.62	6,495	9,616
200.11	6,137	6,395	200.63	6,502	9,681
200.12	6,144	6,457	200.64	6,509	9,746
200.13	6,151	6,518	200.65	6,516	9,812
200.14	6,158	6,580	200.66	6,523	9,877
200.15	6,165	6,641	200.67	6,530	9,942
200.16	6,172	6,703	200.68	6,537	10,007
200.17	6,179	6,765	200.69	6,544	10,073
200.18	6,186	6,827	200.70	6,551	10,138
200.19	6,193	6,889	200.71	6,558	10,204
200.20	6,200	6,951	200.72	6,565	10,269
200.21	6,207	7,013	200.73	6,572	10,335
200.22	6,214	7,075	200.74	6,579	10,401
200.23	6,221	7,137	200.75	6,586	10,467
200.24	6,228	7,199	200.76	6,593	10,533
200.25	6,235	7,261	200.77	6,600	10,599
200.26	6,242	7,324	200.78	6,607	10,665
200.27	6,249	7,386	200.79	6,614	10,731
200.28	6,256	7,449	200.80	6,621	10,797
200.29	6,263	7,511	200.81	6,628	10,863
200.30	6,270	7,574	200.82	6,635	10,929
200.31	6,277	7,637	200.83	6,642	10,996
200.32	6,284	7,700	200.84	6,649	11,062
200.33	6,291	7,762	200.85	6,656	11,129
200.34	6,298	7,825	200.86	6,663	11,195
200.35	6,305	7,888	200.87	6,670	11,262
200.36	6,312	7,952	200.88	6,677	11,329
200.37	6,319	8,015	200.89	6,684	11,396
200.38	6,326	8,078	200.90	6,691	11,462
200.39	6,333	8,141	200.91	6,698	11,529
200.40	6,340	8,205	200.92	6,705	11,596
200.41	6,347	8,268	200.93	6,712	11,663
200.42	6,354	8,332	200.94	6,719	11,731
200.43	6,361	8,395	200.95	6,726	11,798
200.44	6,368	8,459	200.96	6,733	11,865
200.45	6,375	8,522	200.97	6,740	11,932
200.46	6,382	8,586	200.98	6,747	12,000
200.47	6,389	8,650	200.99	6,754	12,067
200.48	6,396	8,714	201.00	6,761	12,135
200.49	6,403	8,778	201.01	6,768	12,203
200.50	6,411	8,842	201.02	6,776	12,270
200.51	6,418	8,906	201.03	6,783	12,338
200.52	6,425	8,970	201.04	6,790	12,406
200.53	6,432	9,035	201.05	6,797	12,474
200.54	6,439	9,099	201.06	6,805	12,542
200.55	6,446	9,164	201.07	6,812	12,610

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	6,819	12,678	201.60	7,198	16,323
201.09	6,827	12,746	201.61	7,206	16,395
201.10	6,834	12,815	201.62	7,213	16,467
201.11	6,841	12,883	201.63	7,220	16,539
201.12	6,848	12,952	201.64	7,228	16,611
201.13	6,856	13,020	201.65	7,235	16,684
201.14	6,863	13,089	201.66	7,242	16,756
201.15	6,870	13,157	201.67	7,249	16,828
201.16	6,878	13,226	201.68	7,257	16,901
201.17	6,885	13,295	201.69	7,264	16,974
201.18	6,892	13,364	201.70	7,271	17,046
201.19	6,900	13,433	201.71	7,279	17,119
201.20	6,907	13,502	201.72	7,286	17,192
201.21	6,914	13,571	201.73	7,293	17,265
201.22	6,921	13,640	201.74	7,300	17,338
201.23	6,929	13,709	201.75	7,308	17,411
201.24	6,936	13,779	201.76	7,315	17,484
201.25	6,943	13,848	201.77	7,322	17,557
201.26	6,951	13,918	201.78	7,330	17,630
201.27	6,958	13,987	201.79	7,337	17,704
201.28	6,965	14,057	201.80	7,344	17,777
201.29	6,972	14,126	201.81	7,351	17,851
201.30	6,980	14,196	201.82	7,359	17,924
201.31	6,987	14,266	201.83	7,366	17,998
201.32	6,994	14,336	201.84	7,373	18,071
201.33	7,002	14,406	201.85	7,381	18,145
201.34	7,009	14,476	201.86	7,388	18,219
201.35	7,016	14,546	201.87	7,395	18,293
201.36	7,023	14,616	201.88	7,403	18,367
201.37	7,031	14,686	201.89	7,410	18,441
201.38	7,038	14,757	201.90	7,417	18,515
201.39	7,045	14,827	201.91	7,424	18,589
201.40	7,053	14,898	201.92	7,432	18,664
201.41	7,060	14,968	201.93	7,439	18,738
201.42	7,067	15,039	201.94	7,446	18,812
201.43	7,074	15,110	201.95	7,454	18,887
201.44	7,082	15,180	201.96	7,461	18,961
201.45	7,089	15,251	201.97	7,468	19,036
201.46	7,096	15,322	201.98	7,475	19,111
201.47	7,104	15,393	201.99	7,483	19,186
201.48	7,111	15,464	202.00	7,490	19,261
201.49	7,118	15,535	202.01	7,498	19,335
201.50	7,126	15,607	202.02	7,505	19,410
201.51	7,133	15,678	202.03	7,513	19,486
201.52	7,140	15,749	202.04	7,520	19,561
201.53	7,147	15,821	202.05	7,528	19,636
201.54	7,155	15,892	202.06	7,535	19,711
201.55	7,162	15,964	202.07	7,543	19,787
201.56	7,169	16,035	202.08	7,551	19,862
201.57	7,177	16,107	202.09	7,558	19,938
201.58	7,184	16,179	202.10	7,566	20,013
201.59	7,191	16,251	202.11	7,573	20,089

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	7,581	20,165	202.64	7,974	24,209
202.13	7,588	20,241	202.65	7,982	24,289
202.14	7,596	20,317	202.66	7,990	24,369
202.15	7,604	20,393	202.67	7,997	24,449
202.16	7,611	20,469	202.68	8,005	24,529
202.17	7,619	20,545	202.69	8,012	24,609
202.18	7,626	20,621	202.70	8,020	24,689
202.19	7,634	20,697	202.71	8,027	24,769
202.20	7,641	20,774	202.72	8,035	24,850
202.21	7,649	20,850	202.73	8,043	24,930
202.22	7,657	20,927	202.74	8,050	25,010
202.23	7,664	21,003	202.75	8,058	25,091
202.24	7,672	21,080	202.76	8,065	25,172
202.25	7,679	21,157	202.77	8,073	25,252
202.26	7,687	21,233	202.78	8,080	25,333
202.27	7,694	21,310	202.79	8,088	25,414
202.28	7,702	21,387	202.80	8,096	25,495
202.29	7,710	21,464	202.81	8,103	25,576
202.30	7,717	21,542	202.82	8,111	25,657
202.31	7,725	21,619	202.83	8,118	25,738
202.32	7,732	21,696	202.84	8,126	25,819
202.33	7,740	21,773	202.85	8,133	25,900
202.34	7,747	21,851	202.86	8,141	25,982
202.35	7,755	21,928	202.87	8,149	26,063
202.36	7,763	22,006	202.88	8,156	26,145
202.37	7,770	22,084	202.89	8,164	26,226
202.38	7,778	22,161	202.90	8,171	26,308
202.39	7,785	22,239	202.91	8,179	26,390
202.40	7,793	22,317	202.92	8,186	26,472
202.41	7,800	22,395	202.93	8,194	26,554
202.42	7,808	22,473	202.94	8,202	26,636
202.43	7,816	22,551	202.95	8,209	26,718
202.44	7,823	22,629	202.96	8,217	26,800
202.45	7,831	22,708	202.97	8,224	26,882
202.46	7,838	22,786	202.98	8,232	26,964
202.47	7,846	22,864	202.99	8,239	27,047
202.48	7,853	22,943	203.00	8,247	27,129
202.49	7,861	23,021	203.01	8,255	27,212
202.50	7,869	23,100	203.02	8,263	27,294
202.51	7,876	23,179	203.03	8,271	27,377
202.52	7,884	23,258	203.04	8,278	27,460
202.53	7,891	23,337	203.05	8,286	27,542
202.54	7,899	23,415	203.06	8,294	27,625
202.55	7,906	23,494	203.07	8,302	27,708
202.56	7,914	23,574	203.08	8,310	27,791
202.57	7,921	23,653	203.09	8,318	27,874
202.58	7,929	23,732	203.10	8,325	27,958
202.59	7,937	23,811	203.11	8,333	28,041
202.60	7,944	23,891	203.12	8,341	28,124
202.61	7,952	23,970	203.13	8,349	28,208
202.62	7,959	24,050	203.14	8,357	28,291
202.63	7,967	24,129	203.15	8,365	28,375

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	8,373	28,459	203.68	8,781	32,918
203.17	8,380	28,542	203.69	8,789	33,006
203.18	8,388	28,626	203.70	8,796	33,094
203.19	8,396	28,710	203.71	8,804	33,182
203.20	8,404	28,794	203.72	8,812	33,270
203.21	8,412	28,878	203.73	8,820	33,358
203.22	8,420	28,962	203.74	8,828	33,447
203.23	8,428	29,047	203.75	8,836	33,535
203.24	8,435	29,131	203.76	8,844	33,623
203.25	8,443	29,215	203.77	8,851	33,712
203.26	8,451	29,300	203.78	8,859	33,800
203.27	8,459	29,384	203.79	8,867	33,889
203.28	8,467	29,469	203.80	8,875	33,978
203.29	8,475	29,554	203.81	8,883	34,067
203.30	8,483	29,638	203.82	8,891	34,155
203.31	8,490	29,723	203.83	8,899	34,244
203.32	8,498	29,808	203.84	8,906	34,333
203.33	8,506	29,893	203.85	8,914	34,423
203.34	8,514	29,978	203.86	8,922	34,512
203.35	8,522	30,064	203.87	8,930	34,601
203.36	8,530	30,149	203.88	8,938	34,690
203.37	8,537	30,234	203.89	8,946	34,780
203.38	8,545	30,320	203.90	8,954	34,869
203.39	8,553	30,405	203.91	8,961	34,959
203.40	8,561	30,491	203.92	8,969	35,048
203.41	8,569	30,576	203.93	8,977	35,138
203.42	8,577	30,662	203.94	8,985	35,228
203.43	8,585	30,748	203.95	8,993	35,318
203.44	8,592	30,834	203.96	9,001	35,408
203.45	8,600	30,920	203.97	9,008	35,498
203.46	8,608	31,006	203.98	9,016	35,588
203.47	8,616	31,092	203.99	9,024	35,678
203.48	8,624	31,178	204.00	9,032	35,769
203.49	8,632	31,264			
203.50	8,640	31,351			
203.51	8,647	31,437			
203.52	8,655	31,524			
203.53	8,663	31,610			
203.54	8,671	31,697			
203.55	8,679	31,784			
203.56	8,687	31,870			
203.57	8,694	31,957			
203.58	8,702	32,044			
203.59	8,710	32,131			
203.60	8,718	32,218			
203.61	8,726	32,306			
203.62	8,734	32,393			
203.63	8,742	32,480			
203.64	8,749	32,568			
203.65	8,757	32,655			
203.66	8,765	32,743			
203.67	8,773	32,831			

Summary for Pond B-7: Basin #7

Inflow Area = 1.564 ac, 62.85% Impervious, Inflow Depth = 7.13" for Current 100 yr event
 Inflow = 10.97 cfs @ 12.17 hrs, Volume= 0.929 af
 Outflow = 5.60 cfs @ 12.33 hrs, Volume= 0.731 af, Atten= 49%, Lag= 9.7 min
 Primary = 5.60 cfs @ 12.33 hrs, Volume= 0.731 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 209.56' @ 12.33 hrs Surf.Area= 9,025 sf Storage= 19,750 cf

Plug-Flow detention time= 385.7 min calculated for 0.731 af (79% of inflow)
 Center-of-Mass det. time= 301.7 min (1,067.6 - 765.9)

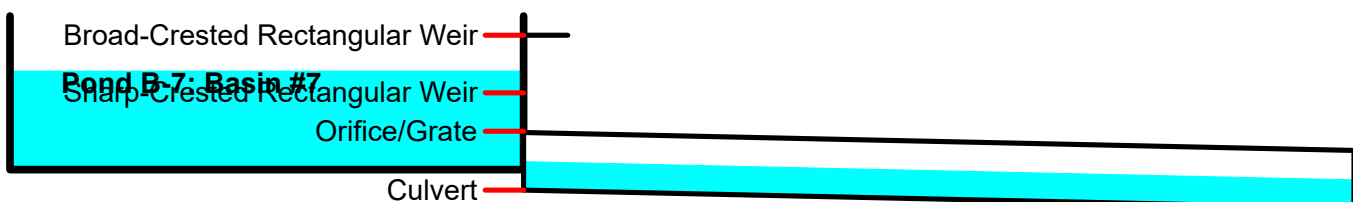
Volume	Invert	Avail.Storage	Storage Description
#1	207.00'	33,829 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

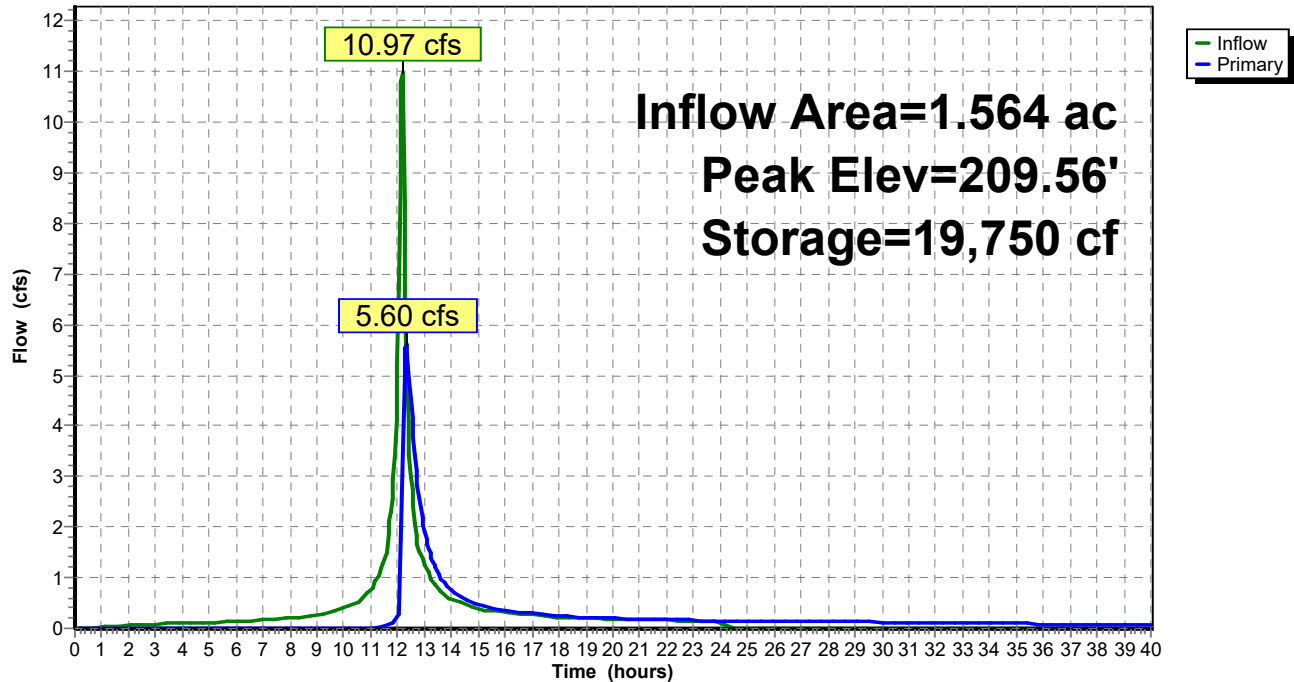
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
207.00	6,419	0	0
208.00	7,395	6,907	6,907
209.00	8,429	7,912	14,819
210.00	9,484	8,957	23,776
211.00	10,623	10,054	33,829

Device	Routing	Invert	Outlet Devices
#1	Primary	206.47'	18.0" Round Culvert L= 94.0' Ke= 0.500 Inlet / Outlet Invert= 206.47' / 206.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	208.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	209.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	210.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.56 cfs @ 12.33 hrs HW=209.56' (Free Discharge)

1=Culvert (Passes 5.56 cfs of 11.35 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.81 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.36 cfs @ 2.45 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-7: Basin #7**Hydrograph**

Hydrograph for Pond B-7: Basin #7

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	207.00	0.00
0.10	0.00	0	207.00	0.00
0.20	0.00	0	207.00	0.00
0.30	0.00	0	207.00	0.00
0.40	0.00	0	207.00	0.00
0.50	0.00	0	207.00	0.00
0.60	0.00	0	207.00	0.00
0.70	0.01	2	207.00	0.00
0.80	0.01	6	207.00	0.00
0.90	0.02	13	207.00	0.00
1.00	0.03	21	207.00	0.00
1.10	0.03	31	207.00	0.00
1.20	0.04	43	207.01	0.00
1.30	0.04	57	207.01	0.00
1.40	0.04	72	207.01	0.00
1.50	0.05	89	207.01	0.00
1.60	0.05	107	207.02	0.00
1.70	0.05	126	207.02	0.00
1.80	0.06	146	207.02	0.00
1.90	0.06	168	207.03	0.00
2.00	0.06	190	207.03	0.00
2.10	0.07	214	207.03	0.00
2.20	0.07	238	207.04	0.00
2.30	0.07	264	207.04	0.00
2.40	0.07	290	207.04	0.00
2.50	0.08	317	207.05	0.00
2.60	0.08	344	207.05	0.00
2.70	0.08	373	207.06	0.00
2.80	0.08	402	207.06	0.00
2.90	0.08	432	207.07	0.00
3.00	0.09	463	207.07	0.00
3.10	0.09	494	207.08	0.00
3.20	0.09	526	207.08	0.00
3.30	0.09	558	207.09	0.00
3.40	0.09	591	207.09	0.00
3.50	0.09	625	207.10	0.00
3.60	0.10	659	207.10	0.00
3.70	0.10	694	207.11	0.00
3.80	0.10	729	207.11	0.00
3.90	0.10	765	207.12	0.00
4.00	0.10	801	207.12	0.00
4.10	0.10	838	207.13	0.00
4.20	0.10	875	207.13	0.00
4.30	0.11	913	207.14	0.00
4.40	0.11	951	207.15	0.00
4.50	0.11	990	207.15	0.00
4.60	0.11	1,029	207.16	0.00
4.70	0.11	1,069	207.16	0.00
4.80	0.11	1,109	207.17	0.00
4.90	0.11	1,149	207.18	0.00
5.00	0.11	1,190	207.18	0.00
5.10	0.12	1,231	207.19	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,273	207.20	0.00
5.30	0.12	1,315	207.20	0.00
5.40	0.12	1,358	207.21	0.00
5.50	0.12	1,401	207.21	0.00
5.60	0.12	1,444	207.22	0.00
5.70	0.12	1,488	207.23	0.00
5.80	0.12	1,532	207.23	0.00
5.90	0.12	1,576	207.24	0.00
6.00	0.13	1,621	207.25	0.00
6.10	0.13	1,667	207.25	0.00
6.20	0.13	1,713	207.26	0.00
6.30	0.13	1,760	207.27	0.00
6.40	0.14	1,809	207.28	0.00
6.50	0.14	1,859	207.28	0.00
6.60	0.15	1,910	207.29	0.00
6.70	0.15	1,963	207.30	0.00
6.80	0.15	2,018	207.31	0.00
6.90	0.16	2,074	207.32	0.00
7.00	0.16	2,131	207.32	0.00
7.10	0.17	2,190	207.33	0.00
7.20	0.17	2,251	207.34	0.00
7.30	0.18	2,314	207.35	0.00
7.40	0.18	2,378	207.36	0.00
7.50	0.18	2,443	207.37	0.00
7.60	0.19	2,510	207.38	0.00
7.70	0.19	2,579	207.39	0.00
7.80	0.20	2,650	207.40	0.00
7.90	0.20	2,722	207.41	0.00
8.00	0.21	2,796	207.42	0.00
8.10	0.21	2,872	207.43	0.00
8.20	0.22	2,949	207.44	0.00
8.30	0.22	3,029	207.46	0.00
8.40	0.23	3,110	207.47	0.00
8.50	0.23	3,192	207.48	0.00
8.60	0.24	3,277	207.49	0.00
8.70	0.24	3,363	207.50	0.00
8.80	0.25	3,451	207.52	0.00
8.90	0.25	3,541	207.53	0.00
9.00	0.26	3,633	207.54	0.00
9.10	0.27	3,727	207.56	0.00
9.20	0.28	3,824	207.57	0.00
9.30	0.29	3,927	207.59	0.00
9.40	0.31	4,036	207.60	0.00
9.50	0.33	4,150	207.62	0.00
9.60	0.34	4,270	207.63	0.00
9.70	0.36	4,396	207.65	0.00
9.80	0.38	4,528	207.67	0.00
9.90	0.39	4,666	207.69	0.00
10.00	0.41	4,811	207.71	0.00
10.10	0.43	4,961	207.73	0.00
10.20	0.44	5,118	207.75	0.00
10.30	0.46	5,281	207.78	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.48	5,451	207.80	0.00
10.50	0.50	5,627	207.82	0.00
10.60	0.53	5,811	207.85	0.00
10.70	0.58	6,009	207.88	0.00
10.80	0.64	6,229	207.91	0.00
10.90	0.70	6,471	207.94	0.00
11.00	0.77	6,737	207.98	0.00
11.10	0.85	7,027	208.02	0.00
11.20	0.96	7,351	208.06	0.01
11.30	1.08	7,713	208.11	0.02
11.40	1.21	8,114	208.16	0.04
11.50	1.33	8,553	208.22	0.06
11.60	1.60	9,047	208.28	0.07
11.70	2.11	9,692	208.37	0.08
11.80	2.55	10,489	208.47	0.10
11.90	3.44	11,515	208.60	0.12
12.00	5.20	12,989	208.78	0.13
12.10	8.78	15,378	209.07	0.39
12.20	10.57	18,385	209.41	3.58
12.30	6.37	19,713	209.56	5.54
12.40	4.08	19,575	209.55	5.33
12.50	2.99	19,049	209.49	4.53
12.60	2.42	18,531	209.43	3.79
12.70	1.82	18,045	209.37	3.12
12.80	1.57	17,628	209.33	2.58
12.90	1.41	17,307	209.29	2.19
13.00	1.27	17,055	209.26	1.90
13.10	1.14	16,848	209.24	1.67
13.20	1.02	16,669	209.22	1.48
13.30	0.93	16,516	209.20	1.32
13.40	0.86	16,386	209.18	1.20
13.50	0.79	16,272	209.17	1.09
13.60	0.71	16,169	209.16	0.99
13.70	0.65	16,073	209.15	0.91
13.80	0.62	15,990	209.14	0.84
13.90	0.60	15,920	209.13	0.78
14.00	0.58	15,863	209.12	0.73
14.10	0.56	15,815	209.12	0.69
14.20	0.55	15,773	209.11	0.66
14.30	0.53	15,734	209.11	0.63
14.40	0.51	15,698	209.10	0.60
14.50	0.49	15,665	209.10	0.58
14.60	0.47	15,633	209.10	0.56
14.70	0.45	15,603	209.09	0.53
14.80	0.43	15,573	209.09	0.51
14.90	0.41	15,545	209.09	0.49
15.00	0.39	15,517	209.08	0.47
15.10	0.38	15,489	209.08	0.45
15.20	0.36	15,461	209.08	0.44
15.30	0.35	15,435	209.07	0.42
15.40	0.35	15,411	209.07	0.41
15.50	0.34	15,390	209.07	0.40

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	15,372	209.07	0.39
15.70	0.33	15,355	209.06	0.38
15.80	0.33	15,339	209.06	0.37
15.90	0.32	15,325	209.06	0.36
16.00	0.32	15,312	209.06	0.35
16.10	0.31	15,300	209.06	0.34
16.20	0.31	15,288	209.06	0.34
16.30	0.30	15,277	209.05	0.33
16.40	0.30	15,266	209.05	0.33
16.50	0.29	15,256	209.05	0.32
16.60	0.29	15,246	209.05	0.31
16.70	0.28	15,236	209.05	0.31
16.80	0.28	15,226	209.05	0.30
16.90	0.27	15,217	209.05	0.30
17.00	0.27	15,207	209.05	0.29
17.10	0.26	15,198	209.04	0.29
17.20	0.26	15,189	209.04	0.28
17.30	0.25	15,180	209.04	0.28
17.40	0.25	15,171	209.04	0.27
17.50	0.24	15,162	209.04	0.27
17.60	0.24	15,153	209.04	0.26
17.70	0.23	15,143	209.04	0.26
17.80	0.23	15,133	209.04	0.26
17.90	0.22	15,122	209.04	0.25
18.00	0.22	15,110	209.03	0.25
18.10	0.21	15,098	209.03	0.24
18.20	0.21	15,086	209.03	0.24
18.30	0.20	15,074	209.03	0.24
18.40	0.20	15,063	209.03	0.23
18.50	0.20	15,053	209.03	0.23
18.60	0.20	15,043	209.03	0.23
18.70	0.20	15,034	209.03	0.22
18.80	0.20	15,025	209.02	0.22
18.90	0.20	15,017	209.02	0.22
19.00	0.20	15,009	209.02	0.22
19.10	0.19	15,002	209.02	0.21
19.20	0.19	14,995	209.02	0.21
19.30	0.19	14,989	209.02	0.21
19.40	0.19	14,982	209.02	0.21
19.50	0.19	14,976	209.02	0.21
19.60	0.19	14,971	209.02	0.20
19.70	0.19	14,965	209.02	0.20
19.80	0.19	14,960	209.02	0.20
19.90	0.18	14,954	209.02	0.20
20.00	0.18	14,950	209.02	0.20
20.10	0.18	14,945	209.01	0.20
20.20	0.18	14,940	209.01	0.19
20.30	0.18	14,935	209.01	0.19
20.40	0.18	14,930	209.01	0.19
20.50	0.18	14,925	209.01	0.19
20.60	0.18	14,921	209.01	0.19
20.70	0.17	14,917	209.01	0.19

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	14,912	209.01	0.19
20.90	0.17	14,908	209.01	0.18
21.00	0.17	14,904	209.01	0.18
21.10	0.17	14,899	209.01	0.18
21.20	0.17	14,895	209.01	0.18
21.30	0.17	14,891	209.01	0.18
21.40	0.17	14,887	209.01	0.18
21.50	0.16	14,883	209.01	0.18
21.60	0.16	14,878	209.01	0.17
21.70	0.16	14,874	209.01	0.17
21.80	0.16	14,870	209.01	0.17
21.90	0.16	14,866	209.01	0.17
22.00	0.16	14,862	209.01	0.17
22.10	0.16	14,858	209.00	0.17
22.20	0.16	14,854	209.00	0.17
22.30	0.15	14,850	209.00	0.17
22.40	0.15	14,846	209.00	0.16
22.50	0.15	14,842	209.00	0.16
22.60	0.15	14,838	209.00	0.16
22.70	0.15	14,834	209.00	0.16
22.80	0.15	14,830	209.00	0.16
22.90	0.15	14,826	209.00	0.16
23.00	0.15	14,822	209.00	0.16
23.10	0.14	14,818	209.00	0.16
23.20	0.14	14,814	209.00	0.16
23.30	0.14	14,809	209.00	0.16
23.40	0.14	14,803	209.00	0.16
23.50	0.14	14,798	209.00	0.16
23.60	0.14	14,792	209.00	0.16
23.70	0.14	14,785	209.00	0.16
23.80	0.14	14,778	209.00	0.15
23.90	0.13	14,771	208.99	0.15
24.00	0.14	14,764	208.99	0.15
24.10	0.12	14,758	208.99	0.15
24.20	0.03	14,729	208.99	0.15
24.30	0.01	14,680	208.98	0.15
24.40	0.00	14,626	208.98	0.15
24.50	0.00	14,571	208.97	0.15
24.60	0.00	14,516	208.96	0.15
24.70	0.00	14,462	208.96	0.15
24.80	0.00	14,407	208.95	0.15
24.90	0.00	14,353	208.94	0.15
25.00	0.00	14,299	208.94	0.15
25.10	0.00	14,245	208.93	0.15
25.20	0.00	14,191	208.93	0.15
25.30	0.00	14,138	208.92	0.15
25.40	0.00	14,085	208.91	0.15
25.50	0.00	14,032	208.91	0.15
25.60	0.00	13,979	208.90	0.15
25.70	0.00	13,926	208.89	0.15
25.80	0.00	13,874	208.89	0.15
25.90	0.00	13,822	208.88	0.14

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,770	208.87	0.14
26.10	0.00	13,718	208.87	0.14
26.20	0.00	13,666	208.86	0.14
26.30	0.00	13,615	208.86	0.14
26.40	0.00	13,564	208.85	0.14
26.50	0.00	13,513	208.84	0.14
26.60	0.00	13,462	208.84	0.14
26.70	0.00	13,412	208.83	0.14
26.80	0.00	13,362	208.83	0.14
26.90	0.00	13,311	208.82	0.14
27.00	0.00	13,262	208.81	0.14
27.10	0.00	13,212	208.81	0.14
27.20	0.00	13,163	208.80	0.14
27.30	0.00	13,113	208.80	0.14
27.40	0.00	13,064	208.79	0.14
27.50	0.00	13,016	208.78	0.14
27.60	0.00	12,967	208.78	0.13
27.70	0.00	12,919	208.77	0.13
27.80	0.00	12,870	208.77	0.13
27.90	0.00	12,822	208.76	0.13
28.00	0.00	12,775	208.75	0.13
28.10	0.00	12,727	208.75	0.13
28.20	0.00	12,680	208.74	0.13
28.30	0.00	12,633	208.74	0.13
28.40	0.00	12,586	208.73	0.13
28.50	0.00	12,539	208.72	0.13
28.60	0.00	12,493	208.72	0.13
28.70	0.00	12,447	208.71	0.13
28.80	0.00	12,401	208.71	0.13
28.90	0.00	12,355	208.70	0.13
29.00	0.00	12,309	208.70	0.13
29.10	0.00	12,264	208.69	0.13
29.20	0.00	12,219	208.69	0.13
29.30	0.00	12,174	208.68	0.12
29.40	0.00	12,129	208.67	0.12
29.50	0.00	12,085	208.67	0.12
29.60	0.00	12,040	208.66	0.12
29.70	0.00	11,996	208.66	0.12
29.80	0.00	11,952	208.65	0.12
29.90	0.00	11,909	208.65	0.12
30.00	0.00	11,865	208.64	0.12
30.10	0.00	11,822	208.64	0.12
30.20	0.00	11,779	208.63	0.12
30.30	0.00	11,736	208.63	0.12
30.40	0.00	11,694	208.62	0.12
30.50	0.00	11,651	208.62	0.12
30.60	0.00	11,609	208.61	0.12
30.70	0.00	11,567	208.60	0.12
30.80	0.00	11,526	208.60	0.12
30.90	0.00	11,484	208.59	0.11
31.00	0.00	11,443	208.59	0.11
31.10	0.00	11,402	208.58	0.11

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,361	208.58	0.11
31.30	0.00	11,321	208.57	0.11
31.40	0.00	11,280	208.57	0.11
31.50	0.00	11,240	208.56	0.11
31.60	0.00	11,200	208.56	0.11
31.70	0.00	11,160	208.55	0.11
31.80	0.00	11,121	208.55	0.11
31.90	0.00	11,082	208.54	0.11
32.00	0.00	11,043	208.54	0.11
32.10	0.00	11,004	208.53	0.11
32.20	0.00	10,965	208.53	0.11
32.30	0.00	10,927	208.52	0.11
32.40	0.00	10,888	208.52	0.11
32.50	0.00	10,850	208.51	0.11
32.60	0.00	10,813	208.51	0.10
32.70	0.00	10,775	208.51	0.10
32.80	0.00	10,738	208.50	0.10
32.90	0.00	10,701	208.50	0.10
33.00	0.00	10,664	208.49	0.10
33.10	0.00	10,627	208.49	0.10
33.20	0.00	10,591	208.48	0.10
33.30	0.00	10,555	208.48	0.10
33.40	0.00	10,519	208.47	0.10
33.50	0.00	10,483	208.47	0.10
33.60	0.00	10,447	208.46	0.10
33.70	0.00	10,412	208.46	0.10
33.80	0.00	10,377	208.45	0.10
33.90	0.00	10,342	208.45	0.10
34.00	0.00	10,308	208.45	0.10
34.10	0.00	10,273	208.44	0.10
34.20	0.00	10,239	208.44	0.09
34.30	0.00	10,205	208.43	0.09
34.40	0.00	10,171	208.43	0.09
34.50	0.00	10,138	208.42	0.09
34.60	0.00	10,104	208.42	0.09
34.70	0.00	10,071	208.42	0.09
34.80	0.00	10,038	208.41	0.09
34.90	0.00	10,006	208.41	0.09
35.00	0.00	9,973	208.40	0.09
35.10	0.00	9,941	208.40	0.09
35.20	0.00	9,909	208.40	0.09
35.30	0.00	9,877	208.39	0.09
35.40	0.00	9,846	208.39	0.09
35.50	0.00	9,815	208.38	0.09
35.60	0.00	9,784	208.38	0.09
35.70	0.00	9,753	208.37	0.09
35.80	0.00	9,722	208.37	0.08
35.90	0.00	9,692	208.37	0.08
36.00	0.00	9,662	208.36	0.08
36.10	0.00	9,632	208.36	0.08
36.20	0.00	9,602	208.36	0.08
36.30	0.00	9,572	208.35	0.08

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,543	208.35	0.08
36.50	0.00	9,514	208.34	0.08
36.60	0.00	9,485	208.34	0.08
36.70	0.00	9,457	208.34	0.08
36.80	0.00	9,428	208.33	0.08
36.90	0.00	9,400	208.33	0.08
37.00	0.00	9,372	208.33	0.08
37.10	0.00	9,344	208.32	0.08
37.20	0.00	9,317	208.32	0.08
37.30	0.00	9,290	208.32	0.08
37.40	0.00	9,263	208.31	0.07
37.50	0.00	9,236	208.31	0.07
37.60	0.00	9,209	208.30	0.07
37.70	0.00	9,183	208.30	0.07
37.80	0.00	9,157	208.30	0.07
37.90	0.00	9,131	208.29	0.07
38.00	0.00	9,105	208.29	0.07
38.10	0.00	9,080	208.29	0.07
38.20	0.00	9,055	208.28	0.07
38.30	0.00	9,030	208.28	0.07
38.40	0.00	9,005	208.28	0.07
38.50	0.00	8,981	208.28	0.07
38.60	0.00	8,956	208.27	0.07
38.70	0.00	8,932	208.27	0.07
38.80	0.00	8,908	208.27	0.07
38.90	0.00	8,885	208.26	0.07
39.00	0.00	8,861	208.26	0.06
39.10	0.00	8,838	208.26	0.06
39.20	0.00	8,815	208.25	0.06
39.30	0.00	8,793	208.25	0.06
39.40	0.00	8,770	208.25	0.06
39.50	0.00	8,748	208.24	0.06
39.60	0.00	8,726	208.24	0.06
39.70	0.00	8,704	208.24	0.06
39.80	0.00	8,683	208.24	0.06
39.90	0.00	8,661	208.23	0.06
40.00	0.00	8,640	208.23	0.06

Stage-Discharge for Pond B-7: Basin #7

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.00	0.00	207.52	0.00	208.04	0.00	208.56	0.11
207.01	0.00	207.53	0.00	208.05	0.00	208.57	0.11
207.02	0.00	207.54	0.00	208.06	0.01	208.58	0.11
207.03	0.00	207.55	0.00	208.07	0.01	208.59	0.11
207.04	0.00	207.56	0.00	208.08	0.01	208.60	0.12
207.05	0.00	207.57	0.00	208.09	0.01	208.61	0.12
207.06	0.00	207.58	0.00	208.10	0.02	208.62	0.12
207.07	0.00	207.59	0.00	208.11	0.02	208.63	0.12
207.08	0.00	207.60	0.00	208.12	0.02	208.64	0.12
207.09	0.00	207.61	0.00	208.13	0.03	208.65	0.12
207.10	0.00	207.62	0.00	208.14	0.03	208.66	0.12
207.11	0.00	207.63	0.00	208.15	0.03	208.67	0.12
207.12	0.00	207.64	0.00	208.16	0.04	208.68	0.12
207.13	0.00	207.65	0.00	208.17	0.04	208.69	0.13
207.14	0.00	207.66	0.00	208.18	0.05	208.70	0.13
207.15	0.00	207.67	0.00	208.19	0.05	208.71	0.13
207.16	0.00	207.68	0.00	208.20	0.05	208.72	0.13
207.17	0.00	207.69	0.00	208.21	0.05	208.73	0.13
207.18	0.00	207.70	0.00	208.22	0.06	208.74	0.13
207.19	0.00	207.71	0.00	208.23	0.06	208.75	0.13
207.20	0.00	207.72	0.00	208.24	0.06	208.76	0.13
207.21	0.00	207.73	0.00	208.25	0.06	208.77	0.13
207.22	0.00	207.74	0.00	208.26	0.06	208.78	0.13
207.23	0.00	207.75	0.00	208.27	0.07	208.79	0.14
207.24	0.00	207.76	0.00	208.28	0.07	208.80	0.14
207.25	0.00	207.77	0.00	208.29	0.07	208.81	0.14
207.26	0.00	207.78	0.00	208.30	0.07	208.82	0.14
207.27	0.00	207.79	0.00	208.31	0.07	208.83	0.14
207.28	0.00	207.80	0.00	208.32	0.08	208.84	0.14
207.29	0.00	207.81	0.00	208.33	0.08	208.85	0.14
207.30	0.00	207.82	0.00	208.34	0.08	208.86	0.14
207.31	0.00	207.83	0.00	208.35	0.08	208.87	0.14
207.32	0.00	207.84	0.00	208.36	0.08	208.88	0.14
207.33	0.00	207.85	0.00	208.37	0.08	208.89	0.15
207.34	0.00	207.86	0.00	208.38	0.09	208.90	0.15
207.35	0.00	207.87	0.00	208.39	0.09	208.91	0.15
207.36	0.00	207.88	0.00	208.40	0.09	208.92	0.15
207.37	0.00	207.89	0.00	208.41	0.09	208.93	0.15
207.38	0.00	207.90	0.00	208.42	0.09	208.94	0.15
207.39	0.00	207.91	0.00	208.43	0.09	208.95	0.15
207.40	0.00	207.92	0.00	208.44	0.10	208.96	0.15
207.41	0.00	207.93	0.00	208.45	0.10	208.97	0.15
207.42	0.00	207.94	0.00	208.46	0.10	208.98	0.15
207.43	0.00	207.95	0.00	208.47	0.10	208.99	0.15
207.44	0.00	207.96	0.00	208.48	0.10	209.00	0.16
207.45	0.00	207.97	0.00	208.49	0.10	209.01	0.17
207.46	0.00	207.98	0.00	208.50	0.10	209.02	0.19
207.47	0.00	207.99	0.00	208.51	0.10	209.03	0.23
207.48	0.00	208.00	0.00	208.52	0.11	209.04	0.26
207.49	0.00	208.01	0.00	208.53	0.11	209.05	0.31
207.50	0.00	208.02	0.00	208.54	0.11	209.06	0.35
207.51	0.00	208.03	0.00	208.55	0.11	209.07	0.40

Stage-Discharge for Pond B-7: Basin #7 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.08	0.46	209.60	6.10	210.12	12.79	210.64	20.18
209.09	0.51	209.61	6.24	210.13	12.82	210.65	20.87
209.10	0.58	209.62	6.39	210.14	12.84	210.66	21.60
209.11	0.64	209.63	6.54	210.15	12.87	210.67	22.34
209.12	0.71	209.64	6.69	210.16	12.89	210.68	23.11
209.13	0.78	209.65	6.84	210.17	12.92	210.69	23.90
209.14	0.85	209.66	6.99	210.18	12.94	210.70	24.70
209.15	0.92	209.67	7.14	210.19	12.96	210.71	25.57
209.16	1.00	209.68	7.29	210.20	12.99	210.72	26.47
209.17	1.08	209.69	7.44	210.21	13.01	210.73	27.39
209.18	1.16	209.70	7.60	210.22	13.04	210.74	28.33
209.19	1.24	209.71	7.76	210.23	13.06	210.75	29.30
209.20	1.33	209.72	7.91	210.24	13.08	210.76	30.30
209.21	1.42	209.73	8.07	210.25	13.11	210.77	31.32
209.22	1.51	209.74	8.23	210.26	13.13	210.78	32.36
209.23	1.60	209.75	8.39	210.27	13.15	210.79	33.43
209.24	1.69	209.76	8.55	210.28	13.18	210.80	34.53
209.25	1.79	209.77	8.71	210.29	13.20	210.81	35.65
209.26	1.89	209.78	8.87	210.30	13.23	210.82	36.79
209.27	1.99	209.79	9.03	210.31	13.25	210.83	37.96
209.28	2.09	209.80	9.20	210.32	13.27	210.84	39.15
209.29	2.19	209.81	9.36	210.33	13.30	210.85	40.36
209.30	2.30	209.82	9.53	210.34	13.32	210.86	41.60
209.31	2.40	209.83	9.70	210.35	13.34	210.87	42.87
209.32	2.51	209.84	9.86	210.36	13.37	210.88	44.16
209.33	2.62	209.85	10.03	210.37	13.39	210.89	45.47
209.34	2.73	209.86	10.20	210.38	13.41	210.90	46.80
209.35	2.84	209.87	10.37	210.39	13.44	210.91	48.19
209.36	2.96	209.88	10.54	210.40	13.46	210.92	49.60
209.37	3.07	209.89	10.71	210.41	13.48	210.93	51.04
209.38	3.19	209.90	10.89	210.42	13.51	210.94	52.51
209.39	3.31	209.91	11.06	210.43	13.53	210.95	54.00
209.40	3.43	209.92	11.23	210.44	13.55	210.96	55.52
209.41	3.55	209.93	11.41	210.45	13.58	210.97	57.06
209.42	3.67	209.94	11.58	210.46	13.60	210.98	58.63
209.43	3.80	209.95	11.76	210.47	13.62	210.99	60.23
209.44	3.92	209.96	11.94	210.48	13.64	211.00	61.85
209.45	4.05	209.97	12.11	210.49	13.67		
209.46	4.18	209.98	12.29	210.50	13.69		
209.47	4.31	209.99	12.47	210.51	13.83		
209.48	4.44	210.00	12.50	210.52	14.07		
209.49	4.57	210.01	12.52	210.53	14.37		
209.50	4.70	210.02	12.55	210.54	14.72		
209.51	4.84	210.03	12.57	210.55	15.12		
209.52	4.97	210.04	12.60	210.56	15.55		
209.53	5.11	210.05	12.62	210.57	16.02		
209.54	5.25	210.06	12.65	210.58	16.53		
209.55	5.39	210.07	12.67	210.59	17.07		
209.56	5.53	210.08	12.70	210.60	17.63		
209.57	5.67	210.09	12.72	210.61	18.23		
209.58	5.81	210.10	12.74	210.62	18.85		
209.59	5.95	210.11	12.77	210.63	19.50		

Stage-Area-Storage for Pond B-7: Basin #7

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.00	6,419	0	207.52	6,927	3,470
207.01	6,429	64	207.53	6,936	3,539
207.02	6,439	129	207.54	6,946	3,609
207.03	6,448	193	207.55	6,956	3,678
207.04	6,458	258	207.56	6,966	3,748
207.05	6,468	322	207.57	6,975	3,817
207.06	6,478	387	207.58	6,985	3,887
207.07	6,487	452	207.59	6,995	3,957
207.08	6,497	517	207.60	7,005	4,027
207.09	6,507	582	207.61	7,014	4,097
207.10	6,517	647	207.62	7,024	4,167
207.11	6,526	712	207.63	7,034	4,238
207.12	6,536	777	207.64	7,044	4,308
207.13	6,546	843	207.65	7,053	4,379
207.14	6,556	908	207.66	7,063	4,449
207.15	6,565	974	207.67	7,073	4,520
207.16	6,575	1,040	207.68	7,083	4,591
207.17	6,585	1,105	207.69	7,092	4,661
207.18	6,595	1,171	207.70	7,102	4,732
207.19	6,604	1,237	207.71	7,112	4,803
207.20	6,614	1,303	207.72	7,122	4,875
207.21	6,624	1,370	207.73	7,131	4,946
207.22	6,634	1,436	207.74	7,141	5,017
207.23	6,643	1,502	207.75	7,151	5,089
207.24	6,653	1,569	207.76	7,161	5,160
207.25	6,663	1,635	207.77	7,171	5,232
207.26	6,673	1,702	207.78	7,180	5,304
207.27	6,683	1,769	207.79	7,190	5,376
207.28	6,692	1,836	207.80	7,200	5,448
207.29	6,702	1,903	207.81	7,210	5,520
207.30	6,712	1,970	207.82	7,219	5,592
207.31	6,722	2,037	207.83	7,229	5,664
207.32	6,731	2,104	207.84	7,239	5,736
207.33	6,741	2,171	207.85	7,249	5,809
207.34	6,751	2,239	207.86	7,258	5,881
207.35	6,761	2,306	207.87	7,268	5,954
207.36	6,770	2,374	207.88	7,278	6,027
207.37	6,780	2,442	207.89	7,288	6,099
207.38	6,790	2,510	207.90	7,297	6,172
207.39	6,800	2,578	207.91	7,307	6,245
207.40	6,809	2,646	207.92	7,317	6,319
207.41	6,819	2,714	207.93	7,327	6,392
207.42	6,829	2,782	207.94	7,336	6,465
207.43	6,839	2,850	207.95	7,346	6,538
207.44	6,848	2,919	207.96	7,356	6,612
207.45	6,858	2,987	207.97	7,366	6,686
207.46	6,868	3,056	207.98	7,375	6,759
207.47	6,878	3,125	207.99	7,385	6,833
207.48	6,887	3,194	208.00	7,395	6,907
207.49	6,897	3,262	208.01	7,405	6,981
207.50	6,907	3,332	208.02	7,416	7,055
207.51	6,917	3,401	208.03	7,426	7,129

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.04	7,436	7,204	208.56	7,974	11,210
208.05	7,447	7,278	208.57	7,984	11,290
208.06	7,457	7,353	208.58	7,995	11,370
208.07	7,467	7,427	208.59	8,005	11,450
208.08	7,478	7,502	208.60	8,015	11,530
208.09	7,488	7,577	208.61	8,026	11,610
208.10	7,498	7,652	208.62	8,036	11,691
208.11	7,509	7,727	208.63	8,046	11,771
208.12	7,519	7,802	208.64	8,057	11,852
208.13	7,529	7,877	208.65	8,067	11,932
208.14	7,540	7,952	208.66	8,077	12,013
208.15	7,550	8,028	208.67	8,088	12,094
208.16	7,560	8,103	208.68	8,098	12,175
208.17	7,571	8,179	208.69	8,108	12,256
208.18	7,581	8,255	208.70	8,119	12,337
208.19	7,591	8,331	208.71	8,129	12,418
208.20	7,602	8,407	208.72	8,139	12,499
208.21	7,612	8,483	208.73	8,150	12,581
208.22	7,622	8,559	208.74	8,160	12,662
208.23	7,633	8,635	208.75	8,171	12,744
208.24	7,643	8,712	208.76	8,181	12,826
208.25	7,654	8,788	208.77	8,191	12,908
208.26	7,664	8,865	208.78	8,202	12,990
208.27	7,674	8,941	208.79	8,212	13,072
208.28	7,685	9,018	208.80	8,222	13,154
208.29	7,695	9,095	208.81	8,233	13,236
208.30	7,705	9,172	208.82	8,243	13,319
208.31	7,716	9,249	208.83	8,253	13,401
208.32	7,726	9,326	208.84	8,264	13,484
208.33	7,736	9,404	208.85	8,274	13,566
208.34	7,747	9,481	208.86	8,284	13,649
208.35	7,757	9,559	208.87	8,295	13,732
208.36	7,767	9,636	208.88	8,305	13,815
208.37	7,778	9,714	208.89	8,315	13,898
208.38	7,788	9,792	208.90	8,326	13,981
208.39	7,798	9,870	208.91	8,336	14,065
208.40	7,809	9,948	208.92	8,346	14,148
208.41	7,819	10,026	208.93	8,357	14,232
208.42	7,829	10,104	208.94	8,367	14,315
208.43	7,840	10,182	208.95	8,377	14,399
208.44	7,850	10,261	208.96	8,388	14,483
208.45	7,860	10,339	208.97	8,398	14,567
208.46	7,871	10,418	208.98	8,408	14,651
208.47	7,881	10,497	208.99	8,419	14,735
208.48	7,891	10,576	209.00	8,429	14,819
208.49	7,902	10,655	209.01	8,440	14,903
208.50	7,912	10,734	209.02	8,450	14,988
208.51	7,922	10,813	209.03	8,461	15,072
208.52	7,933	10,892	209.04	8,471	15,157
208.53	7,943	10,972	209.05	8,482	15,242
208.54	7,953	11,051	209.06	8,492	15,327
208.55	7,964	11,131	209.07	8,503	15,412

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.08	8,513	15,497	209.60	9,062	20,066
209.09	8,524	15,582	209.61	9,073	20,157
209.10	8,534	15,667	209.62	9,083	20,248
209.11	8,545	15,753	209.63	9,094	20,339
209.12	8,556	15,838	209.64	9,104	20,430
209.13	8,566	15,924	209.65	9,115	20,521
209.14	8,577	16,009	209.66	9,125	20,612
209.15	8,587	16,095	209.67	9,136	20,703
209.16	8,598	16,181	209.68	9,146	20,795
209.17	8,608	16,267	209.69	9,157	20,886
209.18	8,619	16,353	209.70	9,167	20,978
209.19	8,629	16,440	209.71	9,178	21,070
209.20	8,640	16,526	209.72	9,189	21,161
209.21	8,651	16,612	209.73	9,199	21,253
209.22	8,661	16,699	209.74	9,210	21,345
209.23	8,672	16,786	209.75	9,220	21,437
209.24	8,682	16,872	209.76	9,231	21,530
209.25	8,693	16,959	209.77	9,241	21,622
209.26	8,703	17,046	209.78	9,252	21,715
209.27	8,714	17,133	209.79	9,262	21,807
209.28	8,724	17,220	209.80	9,273	21,900
209.29	8,735	17,308	209.81	9,284	21,993
209.30	8,746	17,395	209.82	9,294	22,085
209.31	8,756	17,483	209.83	9,305	22,178
209.32	8,767	17,570	209.84	9,315	22,272
209.33	8,777	17,658	209.85	9,326	22,365
209.34	8,788	17,746	209.86	9,336	22,458
209.35	8,798	17,834	209.87	9,347	22,551
209.36	8,809	17,922	209.88	9,357	22,645
209.37	8,819	18,010	209.89	9,368	22,739
209.38	8,830	18,098	209.90	9,379	22,832
209.39	8,840	18,187	209.91	9,389	22,926
209.40	8,851	18,275	209.92	9,400	23,020
209.41	8,862	18,364	209.93	9,410	23,114
209.42	8,872	18,452	209.94	9,421	23,208
209.43	8,883	18,541	209.95	9,431	23,303
209.44	8,893	18,630	209.96	9,442	23,397
209.45	8,904	18,719	209.97	9,452	23,491
209.46	8,914	18,808	209.98	9,463	23,586
209.47	8,925	18,897	209.99	9,473	23,681
209.48	8,935	18,986	210.00	9,484	23,776
209.49	8,946	19,076	210.01	9,495	23,870
209.50	8,957	19,165	210.02	9,507	23,965
209.51	8,967	19,255	210.03	9,518	24,061
209.52	8,978	19,345	210.04	9,530	24,156
209.53	8,988	19,435	210.05	9,541	24,251
209.54	8,999	19,524	210.06	9,552	24,347
209.55	9,009	19,615	210.07	9,564	24,442
209.56	9,020	19,705	210.08	9,575	24,538
209.57	9,030	19,795	210.09	9,587	24,634
209.58	9,041	19,885	210.10	9,598	24,730
209.59	9,051	19,976	210.11	9,609	24,826

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.12	9,621	24,922	210.64	10,213	30,079
210.13	9,632	25,018	210.65	10,224	30,181
210.14	9,643	25,114	210.66	10,236	30,283
210.15	9,655	25,211	210.67	10,247	30,385
210.16	9,666	25,308	210.68	10,259	30,488
210.17	9,678	25,404	210.69	10,270	30,591
210.18	9,689	25,501	210.70	10,281	30,693
210.19	9,700	25,598	210.71	10,293	30,796
210.20	9,712	25,695	210.72	10,304	30,899
210.21	9,723	25,792	210.73	10,315	31,002
210.22	9,735	25,890	210.74	10,327	31,106
210.23	9,746	25,987	210.75	10,338	31,209
210.24	9,757	26,084	210.76	10,350	31,312
210.25	9,769	26,182	210.77	10,361	31,416
210.26	9,780	26,280	210.78	10,372	31,520
210.27	9,792	26,378	210.79	10,384	31,623
210.28	9,803	26,476	210.80	10,395	31,727
210.29	9,814	26,574	210.81	10,407	31,831
210.30	9,826	26,672	210.82	10,418	31,935
210.31	9,837	26,770	210.83	10,429	32,040
210.32	9,848	26,869	210.84	10,441	32,144
210.33	9,860	26,967	210.85	10,452	32,248
210.34	9,871	27,066	210.86	10,464	32,353
210.35	9,883	27,165	210.87	10,475	32,458
210.36	9,894	27,264	210.88	10,486	32,562
210.37	9,905	27,363	210.89	10,498	32,667
210.38	9,917	27,462	210.90	10,509	32,772
210.39	9,928	27,561	210.91	10,520	32,878
210.40	9,940	27,660	210.92	10,532	32,983
210.41	9,951	27,760	210.93	10,543	33,088
210.42	9,962	27,859	210.94	10,555	33,194
210.43	9,974	27,959	210.95	10,566	33,299
210.44	9,985	28,059	210.96	10,577	33,405
210.45	9,997	28,159	210.97	10,589	33,511
210.46	10,008	28,259	210.98	10,600	33,617
210.47	10,019	28,359	210.99	10,612	33,723
210.48	10,031	28,459	211.00	10,623	33,829
210.49	10,042	28,559			
210.50	10,054	28,660			
210.51	10,065	28,760			
210.52	10,076	28,861			
210.53	10,088	28,962			
210.54	10,099	29,063			
210.55	10,110	29,164			
210.56	10,122	29,265			
210.57	10,133	29,366			
210.58	10,145	29,468			
210.59	10,156	29,569			
210.60	10,167	29,671			
210.61	10,179	29,773			
210.62	10,190	29,874			
210.63	10,202	29,976			

Summary for Pond B-8: Basin #8

Inflow Area = 2.090 ac, 23.06% Impervious, Inflow Depth = 5.98" for Current 100 yr event
 Inflow = 13.10 cfs @ 12.17 hrs, Volume= 1.042 af
 Outflow = 6.00 cfs @ 12.36 hrs, Volume= 0.909 af, Atten= 54%, Lag= 11.3 min
 Primary = 6.00 cfs @ 12.36 hrs, Volume= 0.909 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.39' @ 12.36 hrs Surf.Area= 14,667 sf Storage= 19,355 cf

Plug-Flow detention time= 277.8 min calculated for 0.908 af (87% of inflow)
 Center-of-Mass det. time= 217.8 min (1,014.6 - 796.9)

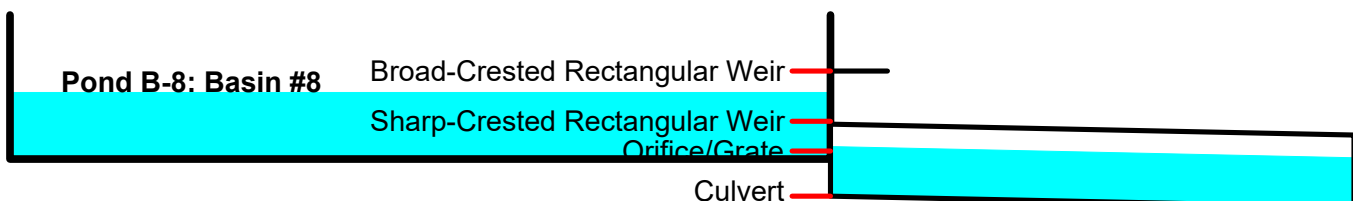
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	44,379 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	13,283	0	0
180.00	14,274	13,779	13,779
181.00	15,293	14,784	28,562
182.00	16,341	15,817	44,379

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 46.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	179.79'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.83'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

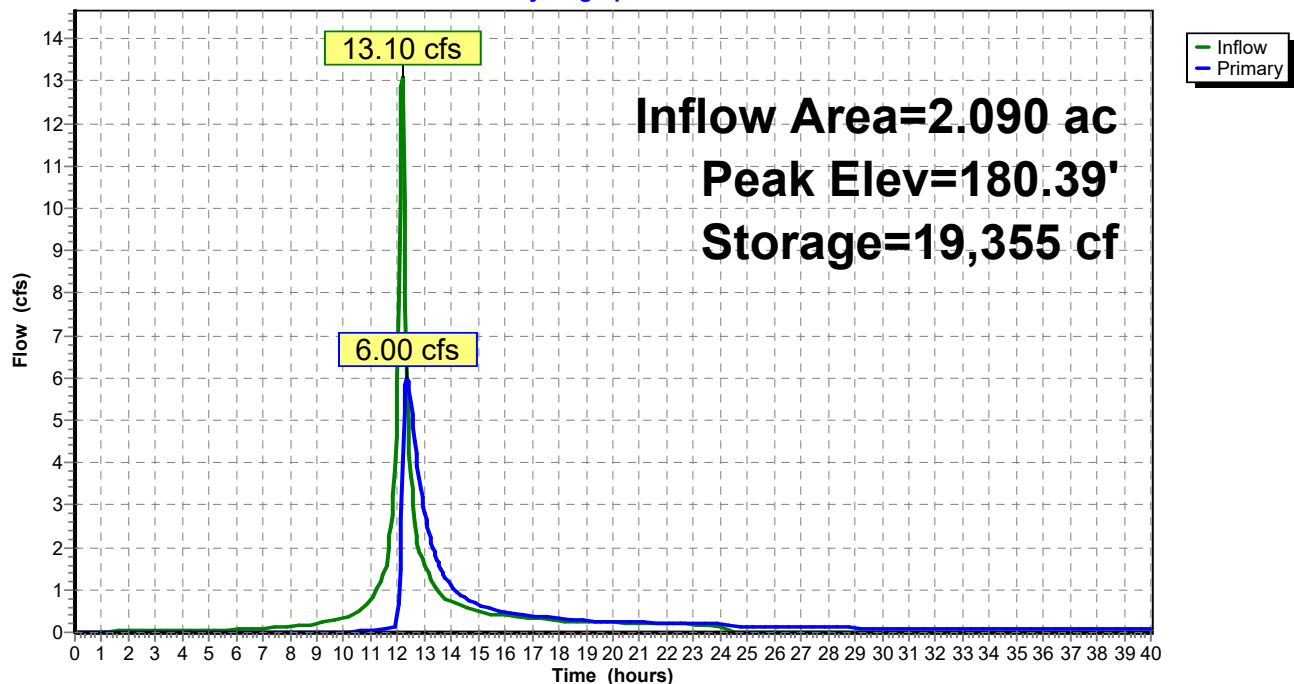
Primary OutFlow Max=5.98 cfs @ 12.36 hrs HW=180.38' (Free Discharge)

1=Culvert (Passes 5.98 cfs of 8.71 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.07 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.81 cfs @ 2.52 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-8: Basin #8

Hydrograph



Hydrograph for Pond B-8: Basin #8

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	1	179.00	0.00
0.80	0.01	3	179.00	0.00
0.90	0.01	6	179.00	0.00
1.00	0.01	10	179.00	0.00
1.10	0.02	15	179.00	0.00
1.20	0.02	21	179.00	0.00
1.30	0.02	28	179.00	0.00
1.40	0.02	35	179.00	0.00
1.50	0.02	44	179.00	0.00
1.60	0.03	52	179.00	0.00
1.70	0.03	62	179.00	0.00
1.80	0.03	72	179.01	0.00
1.90	0.03	82	179.01	0.00
2.00	0.03	93	179.01	0.00
2.10	0.03	105	179.01	0.00
2.20	0.03	117	179.01	0.00
2.30	0.04	129	179.01	0.00
2.40	0.04	142	179.01	0.00
2.50	0.04	155	179.01	0.00
2.60	0.04	169	179.01	0.00
2.70	0.04	183	179.01	0.00
2.80	0.04	197	179.01	0.00
2.90	0.04	212	179.02	0.00
3.00	0.04	227	179.02	0.00
3.10	0.04	242	179.02	0.00
3.20	0.04	258	179.02	0.00
3.30	0.04	274	179.02	0.00
3.40	0.05	290	179.02	0.00
3.50	0.05	306	179.02	0.00
3.60	0.05	323	179.02	0.00
3.70	0.05	340	179.03	0.00
3.80	0.05	357	179.03	0.00
3.90	0.05	375	179.03	0.00
4.00	0.05	393	179.03	0.00
4.10	0.05	411	179.03	0.00
4.20	0.05	429	179.03	0.00
4.30	0.05	448	179.03	0.00
4.40	0.05	466	179.04	0.00
4.50	0.05	485	179.04	0.00
4.60	0.05	505	179.04	0.00
4.70	0.05	524	179.04	0.00
4.80	0.05	544	179.04	0.00
4.90	0.06	563	179.04	0.00
5.00	0.06	583	179.04	0.00
5.10	0.06	604	179.05	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	624	179.05	0.00
5.30	0.06	645	179.05	0.00
5.40	0.06	666	179.05	0.00
5.50	0.06	687	179.05	0.00
5.60	0.06	708	179.05	0.00
5.70	0.06	730	179.05	0.00
5.80	0.06	751	179.06	0.00
5.90	0.06	773	179.06	0.00
6.00	0.06	795	179.06	0.00
6.10	0.06	817	179.06	0.00
6.20	0.06	840	179.06	0.00
6.30	0.07	863	179.06	0.00
6.40	0.07	887	179.07	0.00
6.50	0.07	912	179.07	0.00
6.60	0.07	938	179.07	0.00
6.70	0.08	966	179.07	0.00
6.80	0.08	995	179.07	0.00
6.90	0.09	1,025	179.08	0.00
7.00	0.09	1,057	179.08	0.00
7.10	0.10	1,091	179.08	0.00
7.20	0.10	1,126	179.08	0.00
7.30	0.10	1,163	179.09	0.00
7.40	0.11	1,201	179.09	0.00
7.50	0.11	1,241	179.09	0.00
7.60	0.12	1,283	179.10	0.00
7.70	0.12	1,327	179.10	0.00
7.80	0.13	1,372	179.10	0.00
7.90	0.13	1,419	179.11	0.00
8.00	0.14	1,469	179.11	0.00
8.10	0.15	1,520	179.11	0.00
8.20	0.15	1,573	179.12	0.00
8.30	0.16	1,628	179.12	0.00
8.40	0.16	1,686	179.13	0.00
8.50	0.17	1,745	179.13	0.00
8.60	0.17	1,806	179.14	0.00
8.70	0.18	1,870	179.14	0.00
8.80	0.19	1,936	179.14	0.00
8.90	0.19	2,003	179.15	0.00
9.00	0.20	2,074	179.16	0.00
9.10	0.21	2,146	179.16	0.00
9.20	0.22	2,223	179.17	0.00
9.30	0.23	2,304	179.17	0.00
9.40	0.25	2,392	179.18	0.00
9.50	0.27	2,484	179.19	0.00
9.60	0.28	2,583	179.19	0.00
9.70	0.30	2,687	179.20	0.00
9.80	0.32	2,797	179.21	0.00
9.90	0.34	2,914	179.22	0.00
10.00	0.36	3,036	179.23	0.01
10.10	0.37	3,165	179.24	0.01
10.20	0.39	3,300	179.25	0.01
10.30	0.42	3,441	179.26	0.01

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.44	3,589	179.27	0.02
10.50	0.46	3,743	179.28	0.02
10.60	0.49	3,905	179.29	0.02
10.70	0.54	4,081	179.30	0.03
10.80	0.61	4,277	179.32	0.03
10.90	0.68	4,495	179.33	0.04
11.00	0.75	4,736	179.35	0.05
11.10	0.84	5,003	179.37	0.05
11.20	0.96	5,306	179.39	0.06
11.30	1.09	5,653	179.42	0.06
11.40	1.24	6,048	179.45	0.07
11.50	1.38	6,493	179.48	0.07
11.60	1.69	7,007	179.52	0.08
11.70	2.26	7,691	179.57	0.09
11.80	2.78	8,556	179.63	0.10
11.90	3.83	9,694	179.71	0.11
12.00	5.93	11,355	179.83	0.23
12.10	10.30	13,931	180.01	1.48
12.20	12.69	17,323	180.25	4.10
12.30	7.75	19,162	180.37	5.81
12.40	5.01	19,279	180.38	5.93
12.50	3.70	18,770	180.35	5.43
12.60	3.00	18,132	180.30	4.83
12.70	2.27	17,444	180.25	4.21
12.80	1.96	16,791	180.21	3.64
12.90	1.77	16,237	180.17	3.18
13.00	1.59	15,768	180.14	2.80
13.10	1.43	15,362	180.11	2.49
13.20	1.28	15,002	180.09	2.22
13.30	1.17	14,686	180.06	1.99
13.40	1.08	14,410	180.04	1.80
13.50	0.99	14,164	180.03	1.64
13.60	0.90	13,942	180.01	1.49
13.70	0.83	13,739	180.00	1.36
13.80	0.79	13,559	179.98	1.25
13.90	0.76	13,403	179.97	1.16
14.00	0.74	13,270	179.96	1.08
14.10	0.71	13,154	179.96	1.02
14.20	0.69	13,051	179.95	0.96
14.30	0.67	12,959	179.94	0.91
14.40	0.64	12,875	179.94	0.86
14.50	0.62	12,799	179.93	0.82
14.60	0.60	12,728	179.93	0.79
14.70	0.57	12,660	179.92	0.75
14.80	0.55	12,596	179.92	0.72
14.90	0.52	12,535	179.91	0.69
15.00	0.50	12,475	179.91	0.66
15.10	0.48	12,417	179.90	0.63
15.20	0.46	12,362	179.90	0.61
15.30	0.45	12,310	179.90	0.58
15.40	0.44	12,262	179.89	0.56
15.50	0.43	12,220	179.89	0.55

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.43	12,181	179.89	0.53
15.70	0.42	12,146	179.89	0.51
15.80	0.41	12,114	179.88	0.50
15.90	0.41	12,084	179.88	0.49
16.00	0.40	12,057	179.88	0.48
16.10	0.40	12,031	179.88	0.46
16.20	0.39	12,007	179.88	0.45
16.30	0.38	11,985	179.87	0.44
16.40	0.38	11,963	179.87	0.44
16.50	0.37	11,942	179.87	0.43
16.60	0.36	11,923	179.87	0.42
16.70	0.36	11,903	179.87	0.41
16.80	0.35	11,884	179.87	0.40
16.90	0.34	11,865	179.87	0.40
17.00	0.34	11,846	179.86	0.39
17.10	0.33	11,828	179.86	0.38
17.20	0.33	11,809	179.86	0.38
17.30	0.32	11,791	179.86	0.37
17.40	0.31	11,772	179.86	0.36
17.50	0.31	11,754	179.86	0.36
17.60	0.30	11,736	179.86	0.35
17.70	0.29	11,718	179.85	0.34
17.80	0.29	11,699	179.85	0.34
17.90	0.28	11,681	179.85	0.33
18.00	0.28	11,663	179.85	0.33
18.10	0.27	11,645	179.85	0.32
18.20	0.26	11,627	179.85	0.31
18.30	0.26	11,610	179.85	0.31
18.40	0.26	11,595	179.85	0.30
18.50	0.26	11,580	179.85	0.30
18.60	0.26	11,567	179.84	0.29
18.70	0.25	11,555	179.84	0.29
18.80	0.25	11,544	179.84	0.28
18.90	0.25	11,534	179.84	0.28
19.00	0.25	11,524	179.84	0.28
19.10	0.25	11,515	179.84	0.27
19.20	0.25	11,507	179.84	0.27
19.30	0.24	11,499	179.84	0.27
19.40	0.24	11,491	179.84	0.26
19.50	0.24	11,483	179.84	0.26
19.60	0.24	11,475	179.84	0.26
19.70	0.24	11,468	179.84	0.26
19.80	0.24	11,461	179.84	0.26
19.90	0.24	11,454	179.84	0.26
20.00	0.23	11,447	179.84	0.25
20.10	0.23	11,440	179.84	0.25
20.20	0.23	11,433	179.83	0.25
20.30	0.23	11,426	179.83	0.25
20.40	0.23	11,420	179.83	0.25
20.50	0.23	11,413	179.83	0.24
20.60	0.22	11,406	179.83	0.24
20.70	0.22	11,400	179.83	0.24

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.22	11,394	179.83	0.24
20.90	0.22	11,387	179.83	0.24
21.00	0.22	11,381	179.83	0.24
21.10	0.22	11,374	179.83	0.23
21.20	0.21	11,368	179.83	0.23
21.30	0.21	11,362	179.83	0.23
21.40	0.21	11,355	179.83	0.23
21.50	0.21	11,349	179.83	0.23
21.60	0.21	11,343	179.83	0.23
21.70	0.21	11,337	179.83	0.22
21.80	0.21	11,331	179.83	0.22
21.90	0.20	11,325	179.83	0.22
22.00	0.20	11,318	179.83	0.22
22.10	0.20	11,312	179.83	0.22
22.20	0.20	11,306	179.83	0.22
22.30	0.20	11,300	179.83	0.21
22.40	0.20	11,294	179.82	0.21
22.50	0.19	11,288	179.82	0.21
22.60	0.19	11,282	179.82	0.21
22.70	0.19	11,276	179.82	0.21
22.80	0.19	11,270	179.82	0.21
22.90	0.19	11,263	179.82	0.20
23.00	0.19	11,257	179.82	0.20
23.10	0.18	11,251	179.82	0.20
23.20	0.18	11,245	179.82	0.20
23.30	0.18	11,239	179.82	0.20
23.40	0.18	11,233	179.82	0.20
23.50	0.18	11,227	179.82	0.19
23.60	0.18	11,221	179.82	0.19
23.70	0.17	11,215	179.82	0.19
23.80	0.17	11,209	179.82	0.19
23.90	0.17	11,203	179.82	0.19
24.00	0.18	11,198	179.82	0.19
24.10	0.15	11,194	179.82	0.19
24.20	0.04	11,162	179.82	0.18
24.30	0.01	11,109	179.81	0.16
24.40	0.00	11,054	179.81	0.15
24.50	0.00	11,001	179.80	0.15
24.60	0.00	10,950	179.80	0.14
24.70	0.00	10,901	179.80	0.13
24.80	0.00	10,855	179.79	0.13
24.90	0.00	10,811	179.79	0.12
25.00	0.00	10,769	179.79	0.12
25.10	0.00	10,726	179.78	0.12
25.20	0.00	10,684	179.78	0.12
25.30	0.00	10,642	179.78	0.12
25.40	0.00	10,600	179.78	0.12
25.50	0.00	10,558	179.77	0.12
25.60	0.00	10,517	179.77	0.12
25.70	0.00	10,475	179.77	0.12
25.80	0.00	10,434	179.76	0.11
25.90	0.00	10,393	179.76	0.11

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,351	179.76	0.11
26.10	0.00	10,310	179.75	0.11
26.20	0.00	10,269	179.75	0.11
26.30	0.00	10,229	179.75	0.11
26.40	0.00	10,188	179.75	0.11
26.50	0.00	10,147	179.74	0.11
26.60	0.00	10,107	179.74	0.11
26.70	0.00	10,067	179.74	0.11
26.80	0.00	10,027	179.73	0.11
26.90	0.00	9,987	179.73	0.11
27.00	0.00	9,947	179.73	0.11
27.10	0.00	9,907	179.73	0.11
27.20	0.00	9,867	179.72	0.11
27.30	0.00	9,828	179.72	0.11
27.40	0.00	9,788	179.72	0.11
27.50	0.00	9,749	179.71	0.11
27.60	0.00	9,710	179.71	0.11
27.70	0.00	9,671	179.71	0.11
27.80	0.00	9,632	179.71	0.11
27.90	0.00	9,593	179.70	0.11
28.00	0.00	9,554	179.70	0.11
28.10	0.00	9,516	179.70	0.11
28.20	0.00	9,478	179.70	0.11
28.30	0.00	9,439	179.69	0.11
28.40	0.00	9,401	179.69	0.11
28.50	0.00	9,363	179.69	0.11
28.60	0.00	9,325	179.68	0.11
28.70	0.00	9,287	179.68	0.10
28.80	0.00	9,250	179.68	0.10
28.90	0.00	9,212	179.68	0.10
29.00	0.00	9,175	179.67	0.10
29.10	0.00	9,137	179.67	0.10
29.20	0.00	9,100	179.67	0.10
29.30	0.00	9,063	179.67	0.10
29.40	0.00	9,026	179.66	0.10
29.50	0.00	8,990	179.66	0.10
29.60	0.00	8,953	179.66	0.10
29.70	0.00	8,916	179.66	0.10
29.80	0.00	8,880	179.65	0.10
29.90	0.00	8,844	179.65	0.10
30.00	0.00	8,808	179.65	0.10
30.10	0.00	8,771	179.64	0.10
30.20	0.00	8,736	179.64	0.10
30.30	0.00	8,700	179.64	0.10
30.40	0.00	8,664	179.64	0.10
30.50	0.00	8,629	179.63	0.10
30.60	0.00	8,593	179.63	0.10
30.70	0.00	8,558	179.63	0.10
30.80	0.00	8,523	179.63	0.10
30.90	0.00	8,488	179.62	0.10
31.00	0.00	8,453	179.62	0.10
31.10	0.00	8,418	179.62	0.10

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,383	179.62	0.10
31.30	0.00	8,349	179.61	0.10
31.40	0.00	8,314	179.61	0.10
31.50	0.00	8,280	179.61	0.10
31.60	0.00	8,246	179.61	0.09
31.70	0.00	8,212	179.60	0.09
31.80	0.00	8,178	179.60	0.09
31.90	0.00	8,144	179.60	0.09
32.00	0.00	8,111	179.60	0.09
32.10	0.00	8,077	179.59	0.09
32.20	0.00	8,044	179.59	0.09
32.30	0.00	8,011	179.59	0.09
32.40	0.00	7,977	179.59	0.09
32.50	0.00	7,944	179.59	0.09
32.60	0.00	7,911	179.58	0.09
32.70	0.00	7,879	179.58	0.09
32.80	0.00	7,846	179.58	0.09
32.90	0.00	7,814	179.58	0.09
33.00	0.00	7,781	179.57	0.09
33.10	0.00	7,749	179.57	0.09
33.20	0.00	7,717	179.57	0.09
33.30	0.00	7,685	179.57	0.09
33.40	0.00	7,653	179.56	0.09
33.50	0.00	7,621	179.56	0.09
33.60	0.00	7,590	179.56	0.09
33.70	0.00	7,558	179.56	0.09
33.80	0.00	7,527	179.56	0.09
33.90	0.00	7,495	179.55	0.09
34.00	0.00	7,464	179.55	0.09
34.10	0.00	7,433	179.55	0.09
34.20	0.00	7,402	179.55	0.09
34.30	0.00	7,372	179.54	0.09
34.40	0.00	7,341	179.54	0.08
34.50	0.00	7,311	179.54	0.08
34.60	0.00	7,280	179.54	0.08
34.70	0.00	7,250	179.54	0.08
34.80	0.00	7,220	179.53	0.08
34.90	0.00	7,190	179.53	0.08
35.00	0.00	7,160	179.53	0.08
35.10	0.00	7,130	179.53	0.08
35.20	0.00	7,101	179.52	0.08
35.30	0.00	7,071	179.52	0.08
35.40	0.00	7,042	179.52	0.08
35.50	0.00	7,013	179.52	0.08
35.60	0.00	6,983	179.52	0.08
35.70	0.00	6,955	179.51	0.08
35.80	0.00	6,926	179.51	0.08
35.90	0.00	6,897	179.51	0.08
36.00	0.00	6,868	179.51	0.08
36.10	0.00	6,840	179.51	0.08
36.20	0.00	6,812	179.50	0.08
36.30	0.00	6,783	179.50	0.08

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,755	179.50	0.08
36.50	0.00	6,727	179.50	0.08
36.60	0.00	6,699	179.50	0.08
36.70	0.00	6,672	179.49	0.08
36.80	0.00	6,644	179.49	0.08
36.90	0.00	6,617	179.49	0.08
37.00	0.00	6,589	179.49	0.08
37.10	0.00	6,562	179.49	0.08
37.20	0.00	6,535	179.48	0.08
37.30	0.00	6,508	179.48	0.07
37.40	0.00	6,481	179.48	0.07
37.50	0.00	6,455	179.48	0.07
37.60	0.00	6,428	179.48	0.07
37.70	0.00	6,402	179.47	0.07
37.80	0.00	6,375	179.47	0.07
37.90	0.00	6,349	179.47	0.07
38.00	0.00	6,323	179.47	0.07
38.10	0.00	6,297	179.47	0.07
38.20	0.00	6,271	179.46	0.07
38.30	0.00	6,246	179.46	0.07
38.40	0.00	6,220	179.46	0.07
38.50	0.00	6,195	179.46	0.07
38.60	0.00	6,169	179.46	0.07
38.70	0.00	6,144	179.45	0.07
38.80	0.00	6,119	179.45	0.07
38.90	0.00	6,094	179.45	0.07
39.00	0.00	6,070	179.45	0.07
39.10	0.00	6,045	179.45	0.07
39.20	0.00	6,020	179.45	0.07
39.30	0.00	5,996	179.44	0.07
39.40	0.00	5,972	179.44	0.07
39.50	0.00	5,948	179.44	0.07
39.60	0.00	5,923	179.44	0.07
39.70	0.00	5,900	179.44	0.07
39.80	0.00	5,876	179.44	0.07
39.90	0.00	5,852	179.43	0.07
40.00	0.00	5,829	179.43	0.07

Stage-Discharge for Pond B-8: Basin #8

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	1.76	180.56	8.68
179.01	0.00	179.53	0.08	180.05	1.86	180.57	8.85
179.02	0.00	179.54	0.08	180.06	1.96	180.58	9.01
179.03	0.00	179.55	0.09	180.07	2.06	180.59	9.17
179.04	0.00	179.56	0.09	180.08	2.16	180.60	9.34
179.05	0.00	179.57	0.09	180.09	2.27	180.61	9.50
179.06	0.00	179.58	0.09	180.10	2.37	180.62	9.67
179.07	0.00	179.59	0.09	180.11	2.48	180.63	9.84
179.08	0.00	179.60	0.09	180.12	2.59	180.64	9.90
179.09	0.00	179.61	0.10	180.13	2.70	180.65	9.94
179.10	0.00	179.62	0.10	180.14	2.81	180.66	9.98
179.11	0.00	179.63	0.10	180.15	2.93	180.67	10.03
179.12	0.00	179.64	0.10	180.16	3.04	180.68	10.07
179.13	0.00	179.65	0.10	180.17	3.16	180.69	10.11
179.14	0.00	179.66	0.10	180.18	3.28	180.70	10.15
179.15	0.00	179.67	0.10	180.19	3.40	180.71	10.19
179.16	0.00	179.68	0.10	180.20	3.52	180.72	10.24
179.17	0.00	179.69	0.11	180.21	3.64	180.73	10.28
179.18	0.00	179.70	0.11	180.22	3.77	180.74	10.32
179.19	0.00	179.71	0.11	180.23	3.89	180.75	10.36
179.20	0.00	179.72	0.11	180.24	4.02	180.76	10.40
179.21	0.00	179.73	0.11	180.25	4.15	180.77	10.44
179.22	0.00	179.74	0.11	180.26	4.28	180.78	10.49
179.23	0.01	179.75	0.11	180.27	4.41	180.79	10.53
179.24	0.01	179.76	0.11	180.28	4.54	180.80	10.57
179.25	0.01	179.77	0.12	180.29	4.67	180.81	10.61
179.26	0.01	179.78	0.12	180.30	4.81	180.82	10.65
179.27	0.02	179.79	0.12	180.31	4.94	180.83	10.69
179.28	0.02	179.80	0.13	180.32	5.08	180.84	10.85
179.29	0.02	179.81	0.16	180.33	5.22	180.85	11.10
179.30	0.03	179.82	0.19	180.34	5.36	180.86	11.42
179.31	0.03	179.83	0.23	180.35	5.50	180.87	11.79
179.32	0.03	179.84	0.27	180.36	5.64	180.88	12.20
179.33	0.04	179.85	0.32	180.37	5.78	180.89	12.65
179.34	0.04	179.86	0.37	180.38	5.93	180.90	13.14
179.35	0.05	179.87	0.42	180.39	6.07	180.91	13.66
179.36	0.05	179.88	0.48	180.40	6.22	180.92	14.22
179.37	0.05	179.89	0.54	180.41	6.36	180.93	14.80
179.38	0.05	179.90	0.60	180.42	6.51	180.94	15.41
179.39	0.06	179.91	0.67	180.43	6.66	180.95	16.05
179.40	0.06	179.92	0.74	180.44	6.81	180.96	16.72
179.41	0.06	179.93	0.81	180.45	6.96	180.97	17.41
179.42	0.06	179.94	0.89	180.46	7.11	180.98	18.12
179.43	0.06	179.95	0.97	180.47	7.26	180.99	18.86
179.44	0.07	179.96	1.04	180.48	7.42	181.00	19.62
179.45	0.07	179.97	1.13	180.49	7.57	181.01	20.40
179.46	0.07	179.98	1.21	180.50	7.73	181.02	21.20
179.47	0.07	179.99	1.30	180.51	7.89	181.03	22.03
179.48	0.07	180.00	1.39	180.52	8.04	181.04	22.91
179.49	0.08	180.01	1.48	180.53	8.20	181.05	23.82
179.50	0.08	180.02	1.57	180.54	8.36	181.06	24.76
179.51	0.08	180.03	1.66	180.55	8.52	181.07	25.72

Stage-Discharge for Pond B-8: Basin #8 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	26.70	181.60	107.42
181.09	27.71	181.61	109.30
181.10	28.75	181.62	111.19
181.11	29.81	181.63	113.09
181.12	30.89	181.64	115.04
181.13	32.00	181.65	117.01
181.14	33.13	181.66	118.98
181.15	34.29	181.67	120.98
181.16	35.47	181.68	122.98
181.17	36.68	181.69	125.00
181.18	37.91	181.70	127.03
181.19	39.16	181.71	129.07
181.20	40.44	181.72	131.13
181.21	41.74	181.73	133.19
181.22	43.07	181.74	135.28
181.23	44.42	181.75	137.37
181.24	45.82	181.76	139.48
181.25	47.25	181.77	141.60
181.26	48.70	181.78	143.73
181.27	50.18	181.79	145.87
181.28	51.68	181.80	148.03
181.29	53.22	181.81	150.20
181.30	54.77	181.82	152.38
181.31	56.36	181.83	154.58
181.32	57.97	181.84	156.73
181.33	59.60	181.85	158.90
181.34	61.27	181.86	161.07
181.35	62.95	181.87	163.26
181.36	64.67	181.88	165.46
181.37	66.41	181.89	167.66
181.38	68.18	181.90	169.88
181.39	69.98	181.91	172.11
181.40	71.80	181.92	174.35
181.41	73.65	181.93	176.60
181.42	75.52	181.94	178.86
181.43	77.42	181.95	181.13
181.44	79.09	181.96	183.41
181.45	80.76	181.97	185.70
181.46	82.45	181.98	188.00
181.47	84.15	181.99	190.31
181.48	85.86	182.00	192.63
181.49	87.59		
181.50	89.33		
181.51	91.08		
181.52	92.84		
181.53	94.62		
181.54	96.41		
181.55	98.22		
181.56	100.03		
181.57	101.86		
181.58	103.70		
181.59	105.56		

Stage-Area-Storage for Pond B-8: Basin #8

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	13,283	0	179.52	13,798	7,041
179.01	13,293	133	179.53	13,808	7,179
179.02	13,303	266	179.54	13,818	7,317
179.03	13,313	399	179.55	13,828	7,456
179.04	13,323	532	179.56	13,838	7,594
179.05	13,333	665	179.57	13,848	7,732
179.06	13,342	799	179.58	13,858	7,871
179.07	13,352	932	179.59	13,868	8,009
179.08	13,362	1,066	179.60	13,878	8,148
179.09	13,372	1,199	179.61	13,888	8,287
179.10	13,382	1,333	179.62	13,897	8,426
179.11	13,392	1,467	179.63	13,907	8,565
179.12	13,402	1,601	179.64	13,917	8,704
179.13	13,412	1,735	179.65	13,927	8,843
179.14	13,422	1,869	179.66	13,937	8,983
179.15	13,432	2,004	179.67	13,947	9,122
179.16	13,442	2,138	179.68	13,957	9,262
179.17	13,451	2,272	179.69	13,967	9,401
179.18	13,461	2,407	179.70	13,977	9,541
179.19	13,471	2,542	179.71	13,987	9,681
179.20	13,481	2,676	179.72	13,997	9,821
179.21	13,491	2,811	179.73	14,006	9,961
179.22	13,501	2,946	179.74	14,016	10,101
179.23	13,511	3,081	179.75	14,026	10,241
179.24	13,521	3,216	179.76	14,036	10,381
179.25	13,531	3,352	179.77	14,046	10,522
179.26	13,541	3,487	179.78	14,056	10,662
179.27	13,551	3,623	179.79	14,066	10,803
179.28	13,560	3,758	179.80	14,076	10,944
179.29	13,570	3,894	179.81	14,086	11,084
179.30	13,580	4,029	179.82	14,096	11,225
179.31	13,590	4,165	179.83	14,106	11,366
179.32	13,600	4,301	179.84	14,115	11,507
179.33	13,610	4,437	179.85	14,125	11,649
179.34	13,620	4,573	179.86	14,135	11,790
179.35	13,630	4,710	179.87	14,145	11,931
179.36	13,640	4,846	179.88	14,155	12,073
179.37	13,650	4,983	179.89	14,165	12,214
179.38	13,660	5,119	179.90	14,175	12,356
179.39	13,669	5,256	179.91	14,185	12,498
179.40	13,679	5,392	179.92	14,195	12,640
179.41	13,689	5,529	179.93	14,205	12,782
179.42	13,699	5,666	179.94	14,215	12,924
179.43	13,709	5,803	179.95	14,224	13,066
179.44	13,719	5,940	179.96	14,234	13,208
179.45	13,729	6,078	179.97	14,244	13,351
179.46	13,739	6,215	179.98	14,254	13,493
179.47	13,749	6,352	179.99	14,264	13,636
179.48	13,759	6,490	180.00	14,274	13,779
179.49	13,769	6,628	180.01	14,284	13,921
179.50	13,779	6,765	180.02	14,294	14,064
179.51	13,788	6,903	180.03	14,305	14,207

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	14,315	14,350	180.56	14,845	21,932
180.05	14,325	14,493	180.57	14,855	22,080
180.06	14,335	14,637	180.58	14,865	22,229
180.07	14,345	14,780	180.59	14,875	22,378
180.08	14,356	14,924	180.60	14,885	22,526
180.09	14,366	15,067	180.61	14,896	22,675
180.10	14,376	15,211	180.62	14,906	22,824
180.11	14,386	15,355	180.63	14,916	22,973
180.12	14,396	15,499	180.64	14,926	23,123
180.13	14,406	15,643	180.65	14,936	23,272
180.14	14,417	15,787	180.66	14,947	23,421
180.15	14,427	15,931	180.67	14,957	23,571
180.16	14,437	16,075	180.68	14,967	23,720
180.17	14,447	16,220	180.69	14,977	23,870
180.18	14,457	16,364	180.70	14,987	24,020
180.19	14,468	16,509	180.71	14,997	24,170
180.20	14,478	16,654	180.72	15,008	24,320
180.21	14,488	16,799	180.73	15,018	24,470
180.22	14,498	16,943	180.74	15,028	24,620
180.23	14,508	17,088	180.75	15,038	24,771
180.24	14,519	17,234	180.76	15,048	24,921
180.25	14,529	17,379	180.77	15,059	25,072
180.26	14,539	17,524	180.78	15,069	25,222
180.27	14,549	17,670	180.79	15,079	25,373
180.28	14,559	17,815	180.80	15,089	25,524
180.29	14,570	17,961	180.81	15,099	25,675
180.30	14,580	18,107	180.82	15,110	25,826
180.31	14,590	18,252	180.83	15,120	25,977
180.32	14,600	18,398	180.84	15,130	26,128
180.33	14,610	18,544	180.85	15,140	26,280
180.34	14,620	18,691	180.86	15,150	26,431
180.35	14,631	18,837	180.87	15,161	26,583
180.36	14,641	18,983	180.88	15,171	26,734
180.37	14,651	19,130	180.89	15,181	26,886
180.38	14,661	19,276	180.90	15,191	27,038
180.39	14,671	19,423	180.91	15,201	27,190
180.40	14,682	19,570	180.92	15,211	27,342
180.41	14,692	19,716	180.93	15,222	27,494
180.42	14,702	19,863	180.94	15,232	27,646
180.43	14,712	20,011	180.95	15,242	27,799
180.44	14,722	20,158	180.96	15,252	27,951
180.45	14,733	20,305	180.97	15,262	28,104
180.46	14,743	20,452	180.98	15,273	28,256
180.47	14,753	20,600	180.99	15,283	28,409
180.48	14,763	20,747	181.00	15,293	28,562
180.49	14,773	20,895	181.01	15,303	28,715
180.50	14,784	21,043	181.02	15,314	28,868
180.51	14,794	21,191	181.03	15,324	29,021
180.52	14,804	21,339	181.04	15,335	29,175
180.53	14,814	21,487	181.05	15,345	29,328
180.54	14,824	21,635	181.06	15,356	29,481
180.55	14,834	21,783	181.07	15,366	29,635

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	15,377	29,789	181.60	15,922	37,926
181.09	15,387	29,943	181.61	15,932	38,086
181.10	15,398	30,097	181.62	15,943	38,245
181.11	15,408	30,251	181.63	15,953	38,405
181.12	15,419	30,405	181.64	15,964	38,564
181.13	15,429	30,559	181.65	15,974	38,724
181.14	15,440	30,713	181.66	15,985	38,884
181.15	15,450	30,868	181.67	15,995	39,044
181.16	15,461	31,022	181.68	16,006	39,204
181.17	15,471	31,177	181.69	16,016	39,364
181.18	15,482	31,332	181.70	16,027	39,524
181.19	15,492	31,487	181.71	16,037	39,684
181.20	15,503	31,642	181.72	16,048	39,845
181.21	15,513	31,797	181.73	16,058	40,005
181.22	15,524	31,952	181.74	16,069	40,166
181.23	15,534	32,107	181.75	16,079	40,327
181.24	15,545	32,263	181.76	16,089	40,487
181.25	15,555	32,418	181.77	16,100	40,648
181.26	15,565	32,574	181.78	16,110	40,809
181.27	15,576	32,729	181.79	16,121	40,970
181.28	15,586	32,885	181.80	16,131	41,132
181.29	15,597	33,041	181.81	16,142	41,293
181.30	15,607	33,197	181.82	16,152	41,455
181.31	15,618	33,353	181.83	16,163	41,616
181.32	15,628	33,509	181.84	16,173	41,778
181.33	15,639	33,666	181.85	16,184	41,940
181.34	15,649	33,822	181.86	16,194	42,102
181.35	15,660	33,979	181.87	16,205	42,264
181.36	15,670	34,135	181.88	16,215	42,426
181.37	15,681	34,292	181.89	16,226	42,588
181.38	15,691	34,449	181.90	16,236	42,750
181.39	15,702	34,606	181.91	16,247	42,913
181.40	15,712	34,763	181.92	16,257	43,075
181.41	15,723	34,920	181.93	16,268	43,238
181.42	15,733	35,077	181.94	16,278	43,400
181.43	15,744	35,235	181.95	16,289	43,563
181.44	15,754	35,392	181.96	16,299	43,726
181.45	15,765	35,550	181.97	16,310	43,889
181.46	15,775	35,708	181.98	16,320	44,052
181.47	15,786	35,865	181.99	16,331	44,216
181.48	15,796	36,023	182.00	16,341	44,379
181.49	15,807	36,181			
181.50	15,817	36,340			
181.51	15,827	36,498			
181.52	15,838	36,656			
181.53	15,848	36,814			
181.54	15,859	36,973			
181.55	15,869	37,132			
181.56	15,880	37,290			
181.57	15,890	37,449			
181.58	15,901	37,608			
181.59	15,911	37,767			

Summary for Pond B-9: Basin #9

Inflow Area = 1.503 ac, 52.63% Impervious, Inflow Depth = 6.84" for Current 100 yr event
 Inflow = 10.25 cfs @ 12.17 hrs, Volume= 0.856 af
 Outflow = 0.83 cfs @ 13.37 hrs, Volume= 0.563 af, Atten= 92%, Lag= 72.0 min
 Primary = 0.83 cfs @ 13.37 hrs, Volume= 0.563 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.13' @ 13.37 hrs Surf.Area= 12,844 sf Storage= 25,090 cf

Plug-Flow detention time= 688.0 min calculated for 0.563 af (66% of inflow)
 Center-of-Mass det. time= 584.2 min (1,357.0 - 772.9)

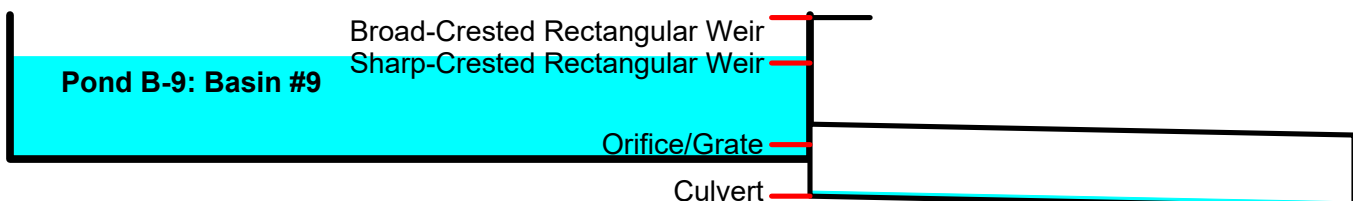
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	36,641 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	10,720	0	0
180.00	11,700	11,210	11,210
181.00	12,708	12,204	23,414
182.00	13,745	13,227	36,641

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0051 ' S= 0.0051 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.30'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

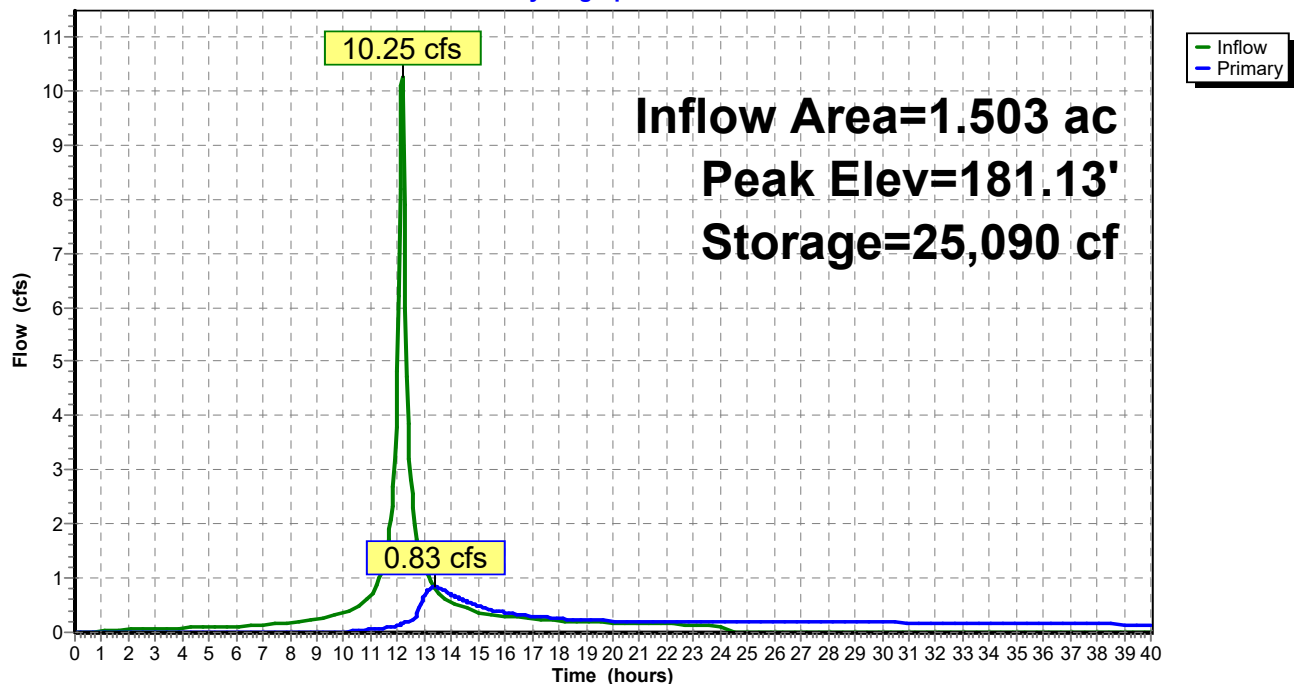
Primary OutFlow Max=0.83 cfs @ 13.37 hrs HW=181.13' (Free Discharge)

- 1=Culvert (Passes 0.83 cfs of 11.88 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.33 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 0.62 cfs @ 1.18 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-9: Basin #9

Hydrograph



Hydrograph for Pond B-9: Basin #9

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.01	2	179.00	0.00
0.80	0.01	5	179.00	0.00
0.90	0.02	10	179.00	0.00
1.00	0.02	17	179.00	0.00
1.10	0.03	25	179.00	0.00
1.20	0.03	35	179.00	0.00
1.30	0.03	46	179.00	0.00
1.40	0.04	58	179.01	0.00
1.50	0.04	71	179.01	0.00
1.60	0.04	86	179.01	0.00
1.70	0.04	101	179.01	0.00
1.80	0.05	118	179.01	0.00
1.90	0.05	135	179.01	0.00
2.00	0.05	153	179.01	0.00
2.10	0.05	172	179.02	0.00
2.20	0.06	192	179.02	0.00
2.30	0.06	212	179.02	0.00
2.40	0.06	233	179.02	0.00
2.50	0.06	255	179.02	0.00
2.60	0.06	277	179.03	0.00
2.70	0.06	300	179.03	0.00
2.80	0.07	324	179.03	0.00
2.90	0.07	348	179.03	0.00
3.00	0.07	372	179.03	0.00
3.10	0.07	397	179.04	0.00
3.20	0.07	423	179.04	0.00
3.30	0.07	449	179.04	0.00
3.40	0.07	476	179.04	0.00
3.50	0.08	503	179.05	0.00
3.60	0.08	530	179.05	0.00
3.70	0.08	558	179.05	0.00
3.80	0.08	587	179.05	0.00
3.90	0.08	615	179.06	0.00
4.00	0.08	645	179.06	0.00
4.10	0.08	674	179.06	0.00
4.20	0.08	704	179.07	0.00
4.30	0.09	735	179.07	0.00
4.40	0.09	765	179.07	0.00
4.50	0.09	797	179.07	0.00
4.60	0.09	828	179.08	0.00
4.70	0.09	860	179.08	0.00
4.80	0.09	892	179.08	0.00
4.90	0.09	925	179.09	0.00
5.00	0.09	958	179.09	0.00
5.10	0.09	991	179.09	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	1,024	179.10	0.00
5.30	0.09	1,058	179.10	0.00
5.40	0.10	1,093	179.10	0.00
5.50	0.10	1,127	179.10	0.00
5.60	0.10	1,162	179.11	0.00
5.70	0.10	1,197	179.11	0.00
5.80	0.10	1,233	179.11	0.00
5.90	0.10	1,269	179.12	0.00
6.00	0.10	1,305	179.12	0.00
6.10	0.10	1,341	179.12	0.00
6.20	0.10	1,378	179.13	0.00
6.30	0.11	1,416	179.13	0.00
6.40	0.11	1,456	179.13	0.00
6.50	0.11	1,496	179.14	0.00
6.60	0.12	1,537	179.14	0.00
6.70	0.12	1,580	179.15	0.00
6.80	0.12	1,625	179.15	0.00
6.90	0.13	1,670	179.15	0.00
7.00	0.13	1,717	179.16	0.00
7.10	0.14	1,766	179.16	0.00
7.20	0.14	1,816	179.17	0.00
7.30	0.14	1,867	179.17	0.00
7.40	0.15	1,920	179.18	0.00
7.50	0.15	1,974	179.18	0.00
7.60	0.16	2,030	179.19	0.00
7.70	0.16	2,087	179.19	0.00
7.80	0.17	2,146	179.20	0.00
7.90	0.17	2,206	179.20	0.00
8.00	0.17	2,268	179.21	0.00
8.10	0.18	2,332	179.22	0.00
8.20	0.18	2,397	179.22	0.00
8.30	0.19	2,464	179.23	0.00
8.40	0.19	2,532	179.23	0.00
8.50	0.20	2,602	179.24	0.00
8.60	0.20	2,674	179.25	0.00
8.70	0.21	2,747	179.25	0.00
8.80	0.21	2,822	179.26	0.00
8.90	0.22	2,899	179.27	0.00
9.00	0.22	2,977	179.27	0.00
9.10	0.23	3,058	179.28	0.00
9.20	0.24	3,142	179.29	0.00
9.30	0.25	3,230	179.30	0.00
9.40	0.27	3,324	179.31	0.00
9.50	0.28	3,422	179.31	0.00
9.60	0.30	3,526	179.32	0.00
9.70	0.31	3,635	179.33	0.00
9.80	0.33	3,748	179.34	0.00
9.90	0.34	3,867	179.35	0.01
10.00	0.36	3,990	179.37	0.01
10.10	0.37	4,119	179.38	0.01
10.20	0.39	4,251	179.39	0.01
10.30	0.41	4,389	179.40	0.02

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.42	4,531	179.41	0.02
10.50	0.44	4,678	179.43	0.03
10.60	0.47	4,830	179.44	0.03
10.70	0.51	4,994	179.46	0.04
10.80	0.57	5,175	179.47	0.04
10.90	0.63	5,374	179.49	0.05
11.00	0.69	5,593	179.51	0.05
11.10	0.76	5,833	179.53	0.06
11.20	0.86	6,103	179.56	0.06
11.30	0.97	6,409	179.58	0.07
11.40	1.09	6,754	179.61	0.07
11.50	1.20	7,138	179.65	0.08
11.60	1.46	7,577	179.69	0.09
11.70	1.92	8,157	179.74	0.09
11.80	2.34	8,880	179.80	0.10
11.90	3.16	9,819	179.88	0.11
12.00	4.81	11,176	180.00	0.13
12.10	8.18	13,413	180.19	0.15
12.20	9.89	16,796	180.47	0.17
12.30	5.98	19,580	180.69	0.19
12.40	3.84	21,244	180.83	0.20
12.50	2.82	22,351	180.92	0.20
12.60	2.28	23,198	180.98	0.21
12.70	1.72	23,827	181.03	0.29
12.80	1.48	24,268	181.07	0.44
12.90	1.33	24,590	181.09	0.58
13.00	1.20	24,818	181.11	0.69
13.10	1.08	24,965	181.12	0.77
13.20	0.96	25,047	181.13	0.81
13.30	0.88	25,083	181.13	0.83
13.40	0.81	25,089	181.13	0.83
13.50	0.74	25,071	181.13	0.82
13.60	0.68	25,033	181.13	0.80
13.70	0.62	24,982	181.12	0.78
13.80	0.59	24,925	181.12	0.75
13.90	0.57	24,870	181.11	0.72
14.00	0.55	24,818	181.11	0.69
14.10	0.53	24,770	181.11	0.67
14.20	0.52	24,723	181.10	0.64
14.30	0.50	24,679	181.10	0.62
14.40	0.48	24,636	181.10	0.60
14.50	0.46	24,593	181.09	0.58
14.60	0.45	24,551	181.09	0.56
14.70	0.43	24,509	181.09	0.54
14.80	0.41	24,467	181.08	0.53
14.90	0.39	24,426	181.08	0.51
15.00	0.37	24,384	181.08	0.49
15.10	0.36	24,343	181.07	0.47
15.20	0.34	24,303	181.07	0.45
15.30	0.33	24,264	181.07	0.44
15.40	0.33	24,228	181.06	0.42
15.50	0.32	24,195	181.06	0.41

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	24,164	181.06	0.40
15.70	0.31	24,135	181.06	0.39
15.80	0.31	24,108	181.05	0.38
15.90	0.30	24,083	181.05	0.37
16.00	0.30	24,060	181.05	0.36
16.10	0.30	24,037	181.05	0.36
16.20	0.29	24,016	181.05	0.35
16.30	0.29	23,996	181.05	0.34
16.40	0.28	23,977	181.04	0.33
16.50	0.28	23,958	181.04	0.33
16.60	0.27	23,940	181.04	0.32
16.70	0.27	23,923	181.04	0.31
16.80	0.26	23,906	181.04	0.31
16.90	0.26	23,888	181.04	0.31
17.00	0.25	23,871	181.04	0.30
17.10	0.25	23,853	181.03	0.30
17.20	0.24	23,835	181.03	0.29
17.30	0.24	23,817	181.03	0.29
17.40	0.23	23,799	181.03	0.28
17.50	0.23	23,781	181.03	0.28
17.60	0.22	23,763	181.03	0.28
17.70	0.22	23,744	181.03	0.27
17.80	0.21	23,726	181.02	0.27
17.90	0.21	23,707	181.02	0.26
18.00	0.20	23,688	181.02	0.26
18.10	0.20	23,670	181.02	0.25
18.20	0.20	23,651	181.02	0.25
18.30	0.19	23,633	181.02	0.24
18.40	0.19	23,615	181.02	0.24
18.50	0.19	23,599	181.01	0.24
18.60	0.19	23,584	181.01	0.23
18.70	0.19	23,570	181.01	0.23
18.80	0.19	23,556	181.01	0.22
18.90	0.19	23,543	181.01	0.22
19.00	0.19	23,531	181.01	0.22
19.10	0.18	23,519	181.01	0.22
19.20	0.18	23,506	181.01	0.22
19.30	0.18	23,494	181.01	0.22
19.40	0.18	23,482	181.01	0.21
19.50	0.18	23,470	181.00	0.21
19.60	0.18	23,458	181.00	0.21
19.70	0.18	23,446	181.00	0.21
19.80	0.18	23,434	181.00	0.21
19.90	0.18	23,422	181.00	0.21
20.00	0.17	23,410	181.00	0.21
20.10	0.17	23,398	181.00	0.21
20.20	0.17	23,385	181.00	0.21
20.30	0.17	23,372	181.00	0.21
20.40	0.17	23,359	181.00	0.21
20.50	0.17	23,345	180.99	0.21
20.60	0.17	23,330	180.99	0.21
20.70	0.17	23,316	180.99	0.21

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	23,301	180.99	0.21
20.90	0.16	23,285	180.99	0.21
21.00	0.16	23,269	180.99	0.21
21.10	0.16	23,253	180.99	0.21
21.20	0.16	23,236	180.99	0.21
21.30	0.16	23,219	180.98	0.21
21.40	0.16	23,202	180.98	0.21
21.50	0.16	23,184	180.98	0.21
21.60	0.15	23,166	180.98	0.21
21.70	0.15	23,147	180.98	0.21
21.80	0.15	23,128	180.98	0.21
21.90	0.15	23,109	180.98	0.21
22.00	0.15	23,089	180.97	0.21
22.10	0.15	23,069	180.97	0.21
22.20	0.15	23,048	180.97	0.21
22.30	0.15	23,027	180.97	0.21
22.40	0.15	23,006	180.97	0.21
22.50	0.14	22,984	180.97	0.21
22.60	0.14	22,962	180.96	0.21
22.70	0.14	22,939	180.96	0.20
22.80	0.14	22,916	180.96	0.20
22.90	0.14	22,893	180.96	0.20
23.00	0.14	22,869	180.96	0.20
23.10	0.14	22,845	180.96	0.20
23.20	0.14	22,821	180.95	0.20
23.30	0.13	22,796	180.95	0.20
23.40	0.13	22,770	180.95	0.20
23.50	0.13	22,745	180.95	0.20
23.60	0.13	22,719	180.95	0.20
23.70	0.13	22,692	180.94	0.20
23.80	0.13	22,665	180.94	0.20
23.90	0.13	22,638	180.94	0.20
24.00	0.13	22,611	180.94	0.20
24.10	0.11	22,585	180.93	0.20
24.20	0.03	22,537	180.93	0.20
24.30	0.01	22,471	180.93	0.20
24.40	0.00	22,399	180.92	0.20
24.50	0.00	22,327	180.91	0.20
24.60	0.00	22,254	180.91	0.20
24.70	0.00	22,182	180.90	0.20
24.80	0.00	22,110	180.90	0.20
24.90	0.00	22,038	180.89	0.20
25.00	0.00	21,966	180.89	0.20
25.10	0.00	21,894	180.88	0.20
25.20	0.00	21,822	180.87	0.20
25.30	0.00	21,750	180.87	0.20
25.40	0.00	21,679	180.86	0.20
25.50	0.00	21,608	180.86	0.20
25.60	0.00	21,537	180.85	0.20
25.70	0.00	21,466	180.85	0.20
25.80	0.00	21,395	180.84	0.20
25.90	0.00	21,324	180.83	0.20

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	21,253	180.83	0.20
26.10	0.00	21,183	180.82	0.20
26.20	0.00	21,113	180.82	0.20
26.30	0.00	21,042	180.81	0.19
26.40	0.00	20,972	180.81	0.19
26.50	0.00	20,902	180.80	0.19
26.60	0.00	20,833	180.80	0.19
26.70	0.00	20,763	180.79	0.19
26.80	0.00	20,694	180.78	0.19
26.90	0.00	20,624	180.78	0.19
27.00	0.00	20,555	180.77	0.19
27.10	0.00	20,486	180.77	0.19
27.20	0.00	20,417	180.76	0.19
27.30	0.00	20,348	180.76	0.19
27.40	0.00	20,280	180.75	0.19
27.50	0.00	20,211	180.75	0.19
27.60	0.00	20,143	180.74	0.19
27.70	0.00	20,075	180.73	0.19
27.80	0.00	20,007	180.73	0.19
27.90	0.00	19,939	180.72	0.19
28.00	0.00	19,871	180.72	0.19
28.10	0.00	19,803	180.71	0.19
28.20	0.00	19,736	180.71	0.19
28.30	0.00	19,668	180.70	0.19
28.40	0.00	19,601	180.70	0.19
28.50	0.00	19,534	180.69	0.19
28.60	0.00	19,467	180.69	0.19
28.70	0.00	19,400	180.68	0.19
28.80	0.00	19,333	180.67	0.19
28.90	0.00	19,267	180.67	0.18
29.00	0.00	19,201	180.66	0.18
29.10	0.00	19,134	180.66	0.18
29.20	0.00	19,068	180.65	0.18
29.30	0.00	19,002	180.65	0.18
29.40	0.00	18,936	180.64	0.18
29.50	0.00	18,871	180.64	0.18
29.60	0.00	18,805	180.63	0.18
29.70	0.00	18,740	180.63	0.18
29.80	0.00	18,674	180.62	0.18
29.90	0.00	18,609	180.62	0.18
30.00	0.00	18,544	180.61	0.18
30.10	0.00	18,480	180.61	0.18
30.20	0.00	18,415	180.60	0.18
30.30	0.00	18,350	180.60	0.18
30.40	0.00	18,286	180.59	0.18
30.50	0.00	18,222	180.58	0.18
30.60	0.00	18,157	180.58	0.18
30.70	0.00	18,094	180.57	0.18
30.80	0.00	18,030	180.57	0.18
30.90	0.00	17,966	180.56	0.18
31.00	0.00	17,902	180.56	0.18
31.10	0.00	17,839	180.55	0.18

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	17,776	180.55	0.18
31.30	0.00	17,713	180.54	0.18
31.40	0.00	17,650	180.54	0.17
31.50	0.00	17,587	180.53	0.17
31.60	0.00	17,524	180.53	0.17
31.70	0.00	17,462	180.52	0.17
31.80	0.00	17,399	180.52	0.17
31.90	0.00	17,337	180.51	0.17
32.00	0.00	17,275	180.51	0.17
32.10	0.00	17,213	180.50	0.17
32.20	0.00	17,151	180.50	0.17
32.30	0.00	17,089	180.49	0.17
32.40	0.00	17,028	180.49	0.17
32.50	0.00	16,966	180.48	0.17
32.60	0.00	16,905	180.48	0.17
32.70	0.00	16,844	180.47	0.17
32.80	0.00	16,783	180.47	0.17
32.90	0.00	16,722	180.46	0.17
33.00	0.00	16,661	180.46	0.17
33.10	0.00	16,601	180.45	0.17
33.20	0.00	16,540	180.45	0.17
33.30	0.00	16,480	180.44	0.17
33.40	0.00	16,420	180.44	0.17
33.50	0.00	16,360	180.43	0.17
33.60	0.00	16,300	180.43	0.17
33.70	0.00	16,240	180.42	0.17
33.80	0.00	16,181	180.42	0.17
33.90	0.00	16,121	180.41	0.16
34.00	0.00	16,062	180.41	0.16
34.10	0.00	16,003	180.40	0.16
34.20	0.00	15,944	180.40	0.16
34.30	0.00	15,885	180.39	0.16
34.40	0.00	15,827	180.39	0.16
34.50	0.00	15,768	180.38	0.16
34.60	0.00	15,710	180.38	0.16
34.70	0.00	15,651	180.37	0.16
34.80	0.00	15,593	180.37	0.16
34.90	0.00	15,535	180.36	0.16
35.00	0.00	15,478	180.36	0.16
35.10	0.00	15,420	180.35	0.16
35.20	0.00	15,362	180.35	0.16
35.30	0.00	15,305	180.34	0.16
35.40	0.00	15,248	180.34	0.16
35.50	0.00	15,191	180.34	0.16
35.60	0.00	15,134	180.33	0.16
35.70	0.00	15,077	180.33	0.16
35.80	0.00	15,020	180.32	0.16
35.90	0.00	14,964	180.32	0.16
36.00	0.00	14,907	180.31	0.16
36.10	0.00	14,851	180.31	0.16
36.20	0.00	14,795	180.30	0.16
36.30	0.00	14,739	180.30	0.16

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	14,683	180.29	0.15
36.50	0.00	14,628	180.29	0.15
36.60	0.00	14,572	180.28	0.15
36.70	0.00	14,517	180.28	0.15
36.80	0.00	14,462	180.27	0.15
36.90	0.00	14,407	180.27	0.15
37.00	0.00	14,352	180.27	0.15
37.10	0.00	14,297	180.26	0.15
37.20	0.00	14,242	180.26	0.15
37.30	0.00	14,188	180.25	0.15
37.40	0.00	14,134	180.25	0.15
37.50	0.00	14,079	180.24	0.15
37.60	0.00	14,025	180.24	0.15
37.70	0.00	13,971	180.23	0.15
37.80	0.00	13,918	180.23	0.15
37.90	0.00	13,864	180.22	0.15
38.00	0.00	13,811	180.22	0.15
38.10	0.00	13,757	180.22	0.15
38.20	0.00	13,704	180.21	0.15
38.30	0.00	13,651	180.21	0.15
38.40	0.00	13,598	180.20	0.15
38.50	0.00	13,546	180.20	0.15
38.60	0.00	13,493	180.19	0.15
38.70	0.00	13,441	180.19	0.15
38.80	0.00	13,388	180.18	0.15
38.90	0.00	13,336	180.18	0.14
39.00	0.00	13,284	180.18	0.14
39.10	0.00	13,232	180.17	0.14
39.20	0.00	13,181	180.17	0.14
39.30	0.00	13,129	180.16	0.14
39.40	0.00	13,078	180.16	0.14
39.50	0.00	13,027	180.15	0.14
39.60	0.00	12,975	180.15	0.14
39.70	0.00	12,924	180.15	0.14
39.80	0.00	12,874	180.14	0.14
39.90	0.00	12,823	180.14	0.14
40.00	0.00	12,772	180.13	0.14

Stage-Discharge for Pond B-9: Basin #9

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.06	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.07	180.09	0.14	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.08	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.19
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.15	180.71	0.19
179.16	0.00	179.68	0.09	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.10	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.16	180.82	0.20
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.11	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.01	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.12	180.42	0.17	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.02	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.21
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.03	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.04	179.98	0.12	180.50	0.17	181.02	0.25
179.47	0.04	179.99	0.13	180.51	0.17	181.03	0.28
179.48	0.05	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.18	181.07	0.45

Stage-Discharge for Pond B-9: Basin #9 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14
181.09	0.56	181.61	6.29
181.10	0.63	181.62	6.43
181.11	0.69	181.63	6.58
181.12	0.76	181.64	6.73
181.13	0.82	181.65	6.88
181.14	0.90	181.66	7.03
181.15	0.97	181.67	7.18
181.16	1.05	181.68	7.33
181.17	1.13	181.69	7.49
181.18	1.21	181.70	7.64
181.19	1.29	181.71	7.80
181.20	1.38	181.72	7.95
181.21	1.47	181.73	8.11
181.22	1.56	181.74	8.27
181.23	1.65	181.75	8.43
181.24	1.74	181.76	8.59
181.25	1.84	181.77	8.75
181.26	1.94	181.78	8.91
181.27	2.03	181.79	9.08
181.28	2.14	181.80	9.24
181.29	2.24	181.81	9.40
181.30	2.34	181.82	9.57
181.31	2.45	181.83	9.74
181.32	2.56	181.84	9.90
181.33	2.67	181.85	10.07
181.34	2.78	181.86	10.24
181.35	2.89	181.87	10.41
181.36	3.00	181.88	10.58
181.37	3.12	181.89	10.75
181.38	3.24	181.90	10.92
181.39	3.35	181.91	11.10
181.40	3.47	181.92	11.27
181.41	3.60	181.93	11.45
181.42	3.72	181.94	11.62
181.43	3.84	181.95	11.80
181.44	3.97	181.96	12.09
181.45	4.09	181.97	12.48
181.46	4.22	181.98	12.94
181.47	4.35	181.99	13.45
181.48	4.48	182.00	14.00
181.49	4.61		
181.50	4.75		
181.51	4.88		
181.52	5.02		
181.53	5.15		
181.54	5.29		
181.55	5.43		
181.56	5.57		
181.57	5.71		
181.58	5.85		
181.59	6.00		

Stage-Area-Storage for Pond B-9: Basin #9

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	10,720	0	179.52	11,230	5,707
179.01	10,730	107	179.53	11,239	5,819
179.02	10,740	215	179.54	11,249	5,932
179.03	10,749	322	179.55	11,259	6,044
179.04	10,759	430	179.56	11,269	6,157
179.05	10,769	537	179.57	11,279	6,270
179.06	10,779	645	179.58	11,288	6,382
179.07	10,789	753	179.59	11,298	6,495
179.08	10,798	861	179.60	11,308	6,608
179.09	10,808	969	179.61	11,318	6,722
179.10	10,818	1,077	179.62	11,328	6,835
179.11	10,828	1,185	179.63	11,337	6,948
179.12	10,838	1,293	179.64	11,347	7,062
179.13	10,847	1,402	179.65	11,357	7,175
179.14	10,857	1,510	179.66	11,367	7,289
179.15	10,867	1,619	179.67	11,377	7,402
179.16	10,877	1,728	179.68	11,386	7,516
179.17	10,887	1,837	179.69	11,396	7,630
179.18	10,896	1,945	179.70	11,406	7,744
179.19	10,906	2,054	179.71	11,416	7,858
179.20	10,916	2,164	179.72	11,426	7,972
179.21	10,926	2,273	179.73	11,435	8,087
179.22	10,936	2,382	179.74	11,445	8,201
179.23	10,945	2,492	179.75	11,455	8,316
179.24	10,955	2,601	179.76	11,465	8,430
179.25	10,965	2,711	179.77	11,475	8,545
179.26	10,975	2,820	179.78	11,484	8,660
179.27	10,985	2,930	179.79	11,494	8,775
179.28	10,994	3,040	179.80	11,504	8,890
179.29	11,004	3,150	179.81	11,514	9,005
179.30	11,014	3,260	179.82	11,524	9,120
179.31	11,024	3,370	179.83	11,533	9,235
179.32	11,034	3,481	179.84	11,543	9,351
179.33	11,043	3,591	179.85	11,553	9,466
179.34	11,053	3,701	179.86	11,563	9,582
179.35	11,063	3,812	179.87	11,573	9,697
179.36	11,073	3,923	179.88	11,582	9,813
179.37	11,083	4,033	179.89	11,592	9,929
179.38	11,092	4,144	179.90	11,602	10,045
179.39	11,102	4,255	179.91	11,612	10,161
179.40	11,112	4,366	179.92	11,622	10,277
179.41	11,122	4,478	179.93	11,631	10,393
179.42	11,132	4,589	179.94	11,641	10,510
179.43	11,141	4,700	179.95	11,651	10,626
179.44	11,151	4,812	179.96	11,661	10,743
179.45	11,161	4,923	179.97	11,671	10,859
179.46	11,171	5,035	179.98	11,680	10,976
179.47	11,181	5,147	179.99	11,690	11,093
179.48	11,190	5,258	180.00	11,700	11,210
179.49	11,200	5,370	180.01	11,710	11,327
179.50	11,210	5,483	180.02	11,720	11,444
179.51	11,220	5,595	180.03	11,730	11,561

Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	11,740	11,679	180.56	12,264	17,920
180.05	11,750	11,796	180.57	12,275	18,043
180.06	11,760	11,914	180.58	12,285	18,166
180.07	11,771	12,031	180.59	12,295	18,288
180.08	11,781	12,149	180.60	12,305	18,411
180.09	11,791	12,267	180.61	12,315	18,535
180.10	11,801	12,385	180.62	12,325	18,658
180.11	11,811	12,503	180.63	12,335	18,781
180.12	11,821	12,621	180.64	12,345	18,904
180.13	11,831	12,740	180.65	12,355	19,028
180.14	11,841	12,858	180.66	12,365	19,152
180.15	11,851	12,976	180.67	12,375	19,275
180.16	11,861	13,095	180.68	12,385	19,399
180.17	11,871	13,214	180.69	12,396	19,523
180.18	11,881	13,332	180.70	12,406	19,647
180.19	11,892	13,451	180.71	12,416	19,771
180.20	11,902	13,570	180.72	12,426	19,895
180.21	11,912	13,689	180.73	12,436	20,020
180.22	11,922	13,808	180.74	12,446	20,144
180.23	11,932	13,928	180.75	12,456	20,269
180.24	11,942	14,047	180.76	12,466	20,393
180.25	11,952	14,167	180.77	12,476	20,518
180.26	11,962	14,286	180.78	12,486	20,643
180.27	11,972	14,406	180.79	12,496	20,768
180.28	11,982	14,526	180.80	12,506	20,893
180.29	11,992	14,645	180.81	12,516	21,018
180.30	12,002	14,765	180.82	12,527	21,143
180.31	12,012	14,885	180.83	12,537	21,268
180.32	12,023	15,006	180.84	12,547	21,394
180.33	12,033	15,126	180.85	12,557	21,519
180.34	12,043	15,246	180.86	12,567	21,645
180.35	12,053	15,367	180.87	12,577	21,770
180.36	12,063	15,487	180.88	12,587	21,896
180.37	12,073	15,608	180.89	12,597	22,022
180.38	12,083	15,729	180.90	12,607	22,148
180.39	12,093	15,850	180.91	12,617	22,274
180.40	12,103	15,971	180.92	12,627	22,401
180.41	12,113	16,092	180.93	12,637	22,527
180.42	12,123	16,213	180.94	12,648	22,653
180.43	12,133	16,334	180.95	12,658	22,780
180.44	12,144	16,456	180.96	12,668	22,906
180.45	12,154	16,577	180.97	12,678	23,033
180.46	12,164	16,699	180.98	12,688	23,160
180.47	12,174	16,820	180.99	12,698	23,287
180.48	12,184	16,942	181.00	12,708	23,414
180.49	12,194	17,064	181.01	12,718	23,541
180.50	12,204	17,186	181.02	12,729	23,668
180.51	12,214	17,308	181.03	12,739	23,796
180.52	12,224	17,430	181.04	12,749	23,923
180.53	12,234	17,553	181.05	12,760	24,051
180.54	12,244	17,675	181.06	12,770	24,178
180.55	12,254	17,797	181.07	12,781	24,306

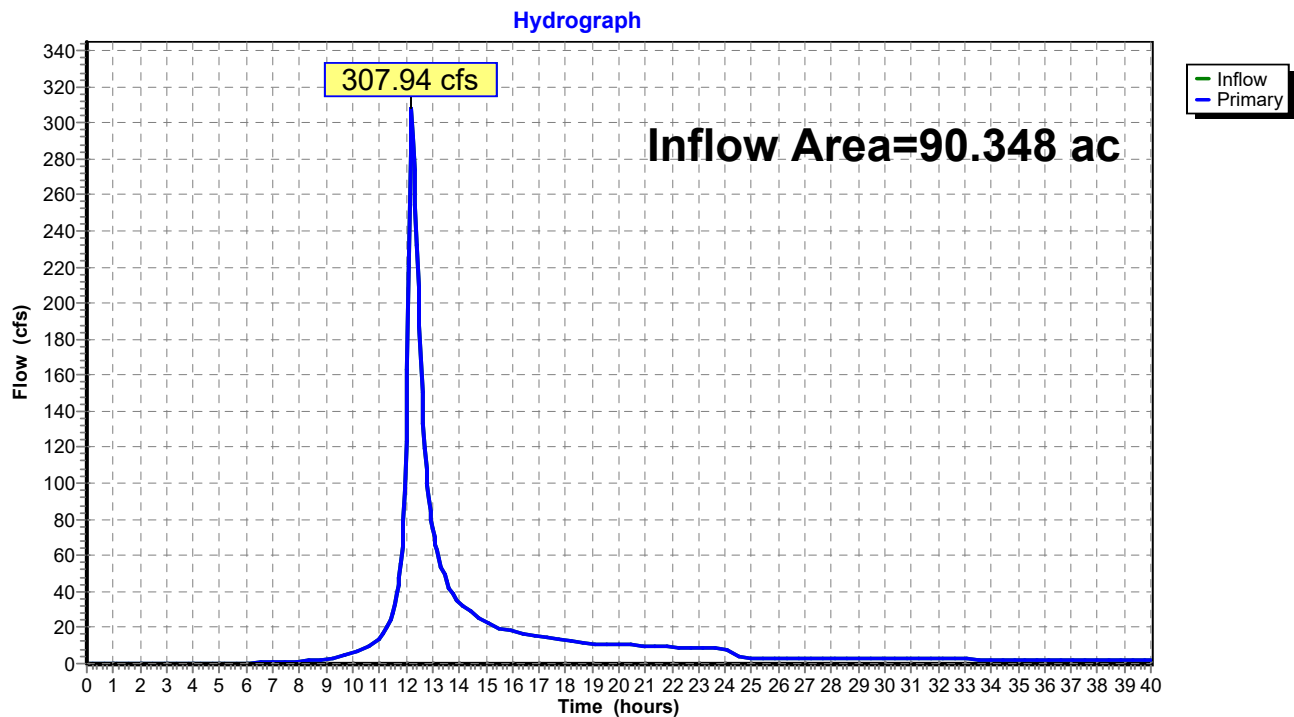
Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	12,791	24,434	181.60	13,330	31,225
181.09	12,801	24,562	181.61	13,341	31,359
181.10	12,812	24,690	181.62	13,351	31,492
181.11	12,822	24,818	181.63	13,361	31,626
181.12	12,832	24,946	181.64	13,372	31,759
181.13	12,843	25,075	181.65	13,382	31,893
181.14	12,853	25,203	181.66	13,392	32,027
181.15	12,864	25,332	181.67	13,403	32,161
181.16	12,874	25,461	181.68	13,413	32,295
181.17	12,884	25,589	181.69	13,424	32,429
181.18	12,895	25,718	181.70	13,434	32,564
181.19	12,905	25,847	181.71	13,444	32,698
181.20	12,915	25,976	181.72	13,455	32,833
181.21	12,926	26,106	181.73	13,465	32,967
181.22	12,936	26,235	181.74	13,475	33,102
181.23	12,947	26,364	181.75	13,486	33,237
181.24	12,957	26,494	181.76	13,496	33,372
181.25	12,967	26,623	181.77	13,506	33,507
181.26	12,978	26,753	181.78	13,517	33,642
181.27	12,988	26,883	181.79	13,527	33,777
181.28	12,998	27,013	181.80	13,538	33,912
181.29	13,009	27,143	181.81	13,548	34,048
181.30	13,019	27,273	181.82	13,558	34,183
181.31	13,029	27,403	181.83	13,569	34,319
181.32	13,040	27,534	181.84	13,579	34,455
181.33	13,050	27,664	181.85	13,589	34,590
181.34	13,061	27,795	181.86	13,600	34,726
181.35	13,071	27,925	181.87	13,610	34,862
181.36	13,081	28,056	181.88	13,621	34,999
181.37	13,092	28,187	181.89	13,631	35,135
181.38	13,102	28,318	181.90	13,641	35,271
181.39	13,112	28,449	181.91	13,652	35,408
181.40	13,123	28,580	181.92	13,662	35,544
181.41	13,133	28,711	181.93	13,672	35,681
181.42	13,144	28,843	181.94	13,683	35,818
181.43	13,154	28,974	181.95	13,693	35,955
181.44	13,164	29,106	181.96	13,704	36,092
181.45	13,175	29,238	181.97	13,714	36,229
181.46	13,185	29,369	181.98	13,724	36,366
181.47	13,195	29,501	181.99	13,735	36,503
181.48	13,206	29,633	182.00	13,745	36,641
181.49	13,216	29,765			
181.50	13,227	29,898			
181.51	13,237	30,030			
181.52	13,247	30,162			
181.53	13,258	30,295			
181.54	13,268	30,428			
181.55	13,278	30,560			
181.56	13,289	30,693			
181.57	13,299	30,826			
181.58	13,309	30,959			
181.59	13,320	31,092			

Summary for Link PDA-1: Proposed Drainage Area #1

Inflow Area = 90.348 ac, 19.60% Impervious, Inflow Depth > 5.08" for Current 100 yr event
Inflow = 307.94 cfs @ 12.21 hrs, Volume= 38.232 af
Primary = 307.94 cfs @ 12.21 hrs, Volume= 38.232 af, Atten= 0%, Lag= 0.0 min

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

Link PDA-1: Proposed Drainage Area #1

Hydrograph for Link PDA-1: Proposed Drainage Area #1

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

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.32	0.00	0.32	7.80	1.16	0.00	1.16
5.25	0.33	0.00	0.33	7.85	1.20	0.00	1.20
5.30	0.33	0.00	0.33	7.90	1.23	0.00	1.23
5.35	0.34	0.00	0.34	7.95	1.27	0.00	1.27
5.40	0.34	0.00	0.34	8.00	1.31	0.00	1.31
5.45	0.34	0.00	0.34	8.05	1.36	0.00	1.36
5.50	0.35	0.00	0.35	8.10	1.42	0.00	1.42
5.55	0.35	0.00	0.35	8.15	1.47	0.00	1.47
5.60	0.36	0.00	0.36	8.20	1.53	0.00	1.53
5.65	0.36	0.00	0.36	8.25	1.59	0.00	1.59
5.70	0.36	0.00	0.36	8.30	1.65	0.00	1.65
5.75	0.37	0.00	0.37	8.35	1.71	0.00	1.71
5.80	0.37	0.00	0.37	8.40	1.78	0.00	1.78
5.85	0.38	0.00	0.38	8.45	1.84	0.00	1.84
5.90	0.38	0.00	0.38	8.50	1.90	0.00	1.90
5.95	0.39	0.00	0.39	8.55	1.97	0.00	1.97
6.00	0.39	0.00	0.39	8.60	2.03	0.00	2.03
6.05	0.39	0.00	0.39	8.65	2.10	0.00	2.10
6.10	0.40	0.00	0.40	8.70	2.17	0.00	2.17
6.15	0.41	0.00	0.41	8.75	2.24	0.00	2.24
6.20	0.41	0.00	0.41	8.80	2.30	0.00	2.30
6.25	0.42	0.00	0.42	8.85	2.37	0.00	2.37
6.30	0.43	0.00	0.43	8.90	2.44	0.00	2.44
6.35	0.44	0.00	0.44	8.95	2.51	0.00	2.51
6.40	0.45	0.00	0.45	9.00	2.58	0.00	2.58
6.45	0.46	0.00	0.46	9.05	2.66	0.00	2.66
6.50	0.47	0.00	0.47	9.10	2.75	0.00	2.75
6.55	0.48	0.00	0.48	9.15	2.85	0.00	2.85
6.60	0.50	0.00	0.50	9.20	2.96	0.00	2.96
6.65	0.51	0.00	0.51	9.25	3.07	0.00	3.07
6.70	0.53	0.00	0.53	9.30	3.20	0.00	3.20
6.75	0.55	0.00	0.55	9.35	3.34	0.00	3.34
6.80	0.58	0.00	0.58	9.40	3.49	0.00	3.49
6.85	0.60	0.00	0.60	9.45	3.65	0.00	3.65
6.90	0.62	0.00	0.62	9.50	3.81	0.00	3.81
6.95	0.65	0.00	0.65	9.55	3.99	0.00	3.99
7.00	0.68	0.00	0.68	9.60	4.17	0.00	4.17
7.05	0.70	0.00	0.70	9.65	4.37	0.00	4.37
7.10	0.73	0.00	0.73	9.70	4.57	0.00	4.57
7.15	0.76	0.00	0.76	9.75	4.77	0.00	4.77
7.20	0.79	0.00	0.79	9.80	4.98	0.00	4.98
7.25	0.82	0.00	0.82	9.85	5.20	0.00	5.20
7.30	0.84	0.00	0.84	9.90	5.42	0.00	5.42
7.35	0.87	0.00	0.87	9.95	5.65	0.00	5.65
7.40	0.90	0.00	0.90	10.00	5.88	0.00	5.88
7.45	0.93	0.00	0.93	10.05	6.11	0.00	6.11
7.50	0.97	0.00	0.97	10.10	6.35	0.00	6.35
7.55	1.00	0.00	1.00	10.15	6.59	0.00	6.59
7.60	1.03	0.00	1.03	10.20	6.84	0.00	6.84
7.65	1.06	0.00	1.06	10.25	7.09	0.00	7.09
7.70	1.10	0.00	1.10	10.30	7.35	0.00	7.35
7.75	1.13	0.00	1.13	10.35	7.61	0.00	7.61

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	7.87	0.00	7.87	13.00	74.35	0.00	74.35
10.45	8.14	0.00	8.14	13.05	70.22	0.00	70.22
10.50	8.41	0.00	8.41	13.10	66.45	0.00	66.45
10.55	8.71	0.00	8.71	13.15	63.04	0.00	63.04
10.60	9.10	0.00	9.10	13.20	60.02	0.00	60.02
10.65	9.55	0.00	9.55	13.25	57.34	0.00	57.34
10.70	10.06	0.00	10.06	13.30	54.88	0.00	54.88
10.75	10.61	0.00	10.61	13.35	52.62	0.00	52.62
10.80	11.21	0.00	11.21	13.40	50.48	0.00	50.48
10.85	11.85	0.00	11.85	13.45	48.45	0.00	48.45
10.90	12.54	0.00	12.54	13.50	46.53	0.00	46.53
10.95	13.26	0.00	13.26	13.55	44.71	0.00	44.71
11.00	14.01	0.00	14.01	13.60	42.93	0.00	42.93
11.05	14.82	0.00	14.82	13.65	41.23	0.00	41.23
11.10	15.79	0.00	15.79	13.70	39.75	0.00	39.75
11.15	16.87	0.00	16.87	13.75	38.45	0.00	38.45
11.20	18.07	0.00	18.07	13.80	37.29	0.00	37.29
11.25	19.35	0.00	19.35	13.85	36.26	0.00	36.26
11.30	20.72	0.00	20.72	13.90	35.33	0.00	35.33
11.35	22.16	0.00	22.16	13.95	34.50	0.00	34.50
11.40	23.69	0.00	23.69	14.00	33.73	0.00	33.73
11.45	25.27	0.00	25.27	14.05	33.03	0.00	33.03
11.50	26.94	0.00	26.94	14.10	32.38	0.00	32.38
11.55	29.22	0.00	29.22	14.15	31.76	0.00	31.76
11.60	33.44	0.00	33.44	14.20	31.17	0.00	31.17
11.65	38.66	0.00	38.66	14.25	30.61	0.00	30.61
11.70	43.32	0.00	43.32	14.30	30.05	0.00	30.05
11.75	48.06	0.00	48.06	14.35	29.52	0.00	29.52
11.80	55.60	0.00	55.60	14.40	28.99	0.00	28.99
11.85	65.40	0.00	65.40	14.45	28.48	0.00	28.48
11.90	78.25	0.00	78.25	14.50	27.97	0.00	27.97
11.95	95.40	0.00	95.40	14.55	27.48	0.00	27.48
12.00	123.41	0.00	123.41	14.60	26.99	0.00	26.99
12.05	162.82	0.00	162.82	14.65	26.50	0.00	26.50
12.10	220.05	0.00	220.05	14.70	26.01	0.00	26.01
12.15	282.68	0.00	282.68	14.75	25.52	0.00	25.52
12.20	307.62	0.00	307.62	14.80	25.04	0.00	25.04
12.25	292.84	0.00	292.84	14.85	24.56	0.00	24.56
12.30	274.46	0.00	274.46	14.90	24.08	0.00	24.08
12.35	254.27	0.00	254.27	14.95	23.59	0.00	23.59
12.40	231.86	0.00	231.86	15.00	23.11	0.00	23.11
12.45	208.81	0.00	208.81	15.05	22.63	0.00	22.63
12.50	187.71	0.00	187.71	15.10	22.16	0.00	22.16
12.55	168.96	0.00	168.96	15.15	21.70	0.00	21.70
12.60	150.47	0.00	150.47	15.20	21.29	0.00	21.29
12.65	133.37	0.00	133.37	15.25	20.92	0.00	20.92
12.70	119.49	0.00	119.49	15.30	20.59	0.00	20.59
12.75	108.30	0.00	108.30	15.35	20.29	0.00	20.29
12.80	99.06	0.00	99.06	15.40	20.03	0.00	20.03
12.85	91.40	0.00	91.40	15.45	19.79	0.00	19.79
12.90	84.85	0.00	84.85	15.50	19.57	0.00	19.57
12.95	79.21	0.00	79.21	15.55	19.35	0.00	19.35

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	19.16	0.00	19.16	18.20	12.15	0.00	12.15
15.65	18.98	0.00	18.98	18.25	12.05	0.00	12.05
15.70	18.80	0.00	18.80	18.30	11.96	0.00	11.96
15.75	18.62	0.00	18.62	18.35	11.88	0.00	11.88
15.80	18.45	0.00	18.45	18.40	11.80	0.00	11.80
15.85	18.29	0.00	18.29	18.45	11.73	0.00	11.73
15.90	18.13	0.00	18.13	18.50	11.67	0.00	11.67
15.95	17.98	0.00	17.98	18.55	11.62	0.00	11.62
16.00	17.83	0.00	17.83	18.60	11.56	0.00	11.56
16.05	17.68	0.00	17.68	18.65	11.51	0.00	11.51
16.10	17.54	0.00	17.54	18.70	11.46	0.00	11.46
16.15	17.40	0.00	17.40	18.75	11.41	0.00	11.41
16.20	17.27	0.00	17.27	18.80	11.37	0.00	11.37
16.25	17.13	0.00	17.13	18.85	11.33	0.00	11.33
16.30	16.99	0.00	16.99	18.90	11.28	0.00	11.28
16.35	16.85	0.00	16.85	18.95	11.24	0.00	11.24
16.40	16.71	0.00	16.71	19.00	11.20	0.00	11.20
16.45	16.58	0.00	16.58	19.05	11.16	0.00	11.16
16.50	16.45	0.00	16.45	19.10	11.13	0.00	11.13
16.55	16.31	0.00	16.31	19.15	11.09	0.00	11.09
16.60	16.18	0.00	16.18	19.20	11.05	0.00	11.05
16.65	16.06	0.00	16.06	19.25	11.01	0.00	11.01
16.70	15.93	0.00	15.93	19.30	10.98	0.00	10.98
16.75	15.80	0.00	15.80	19.35	10.94	0.00	10.94
16.80	15.67	0.00	15.67	19.40	10.91	0.00	10.91
16.85	15.53	0.00	15.53	19.45	10.87	0.00	10.87
16.90	15.41	0.00	15.41	19.50	10.84	0.00	10.84
16.95	15.28	0.00	15.28	19.55	10.80	0.00	10.80
17.00	15.16	0.00	15.16	19.60	10.77	0.00	10.77
17.05	15.03	0.00	15.03	19.65	10.74	0.00	10.74
17.10	14.91	0.00	14.91	19.70	10.70	0.00	10.70
17.15	14.78	0.00	14.78	19.75	10.67	0.00	10.67
17.20	14.66	0.00	14.66	19.80	10.64	0.00	10.64
17.25	14.53	0.00	14.53	19.85	10.62	0.00	10.62
17.30	14.40	0.00	14.40	19.90	10.58	0.00	10.58
17.35	14.27	0.00	14.27	19.95	10.55	0.00	10.55
17.40	14.14	0.00	14.14	20.00	10.51	0.00	10.51
17.45	14.02	0.00	14.02	20.05	10.48	0.00	10.48
17.50	13.89	0.00	13.89	20.10	10.45	0.00	10.45
17.55	13.77	0.00	13.77	20.15	10.42	0.00	10.42
17.60	13.64	0.00	13.64	20.20	10.38	0.00	10.38
17.65	13.52	0.00	13.52	20.25	10.35	0.00	10.35
17.70	13.39	0.00	13.39	20.30	10.32	0.00	10.32
17.75	13.27	0.00	13.27	20.35	10.29	0.00	10.29
17.80	13.14	0.00	13.14	20.40	10.25	0.00	10.25
17.85	13.02	0.00	13.02	20.45	10.22	0.00	10.22
17.90	12.89	0.00	12.89	20.50	10.19	0.00	10.19
17.95	12.76	0.00	12.76	20.55	10.16	0.00	10.16
18.00	12.63	0.00	12.63	20.60	10.13	0.00	10.13
18.05	12.51	0.00	12.51	20.65	10.11	0.00	10.11
18.10	12.38	0.00	12.38	20.70	10.08	0.00	10.08
18.15	12.26	0.00	12.26	20.75	10.05	0.00	10.05

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	10.01	0.00	10.01	23.40	8.46	0.00	8.46
20.85	9.98	0.00	9.98	23.45	8.44	0.00	8.44
20.90	9.95	0.00	9.95	23.50	8.41	0.00	8.41
20.95	9.92	0.00	9.92	23.55	8.38	0.00	8.38
21.00	9.89	0.00	9.89	23.60	8.35	0.00	8.35
21.05	9.86	0.00	9.86	23.65	8.32	0.00	8.32
21.10	9.82	0.00	9.82	23.70	8.30	0.00	8.30
21.15	9.79	0.00	9.79	23.75	8.27	0.00	8.27
21.20	9.76	0.00	9.76	23.80	8.24	0.00	8.24
21.25	9.73	0.00	9.73	23.85	8.21	0.00	8.21
21.30	9.71	0.00	9.71	23.90	8.18	0.00	8.18
21.35	9.68	0.00	9.68	23.95	8.18	0.00	8.18
21.40	9.65	0.00	9.65	24.00	8.31	0.00	8.31
21.45	9.62	0.00	9.62	24.05	8.35	0.00	8.35
21.50	9.58	0.00	9.58	24.10	7.72	0.00	7.72
21.55	9.55	0.00	9.55	24.15	6.75	0.00	6.75
21.60	9.52	0.00	9.52	24.20	6.05	0.00	6.05
21.65	9.49	0.00	9.49	24.25	5.56	0.00	5.56
21.70	9.46	0.00	9.46	24.30	5.14	0.00	5.14
21.75	9.43	0.00	9.43	24.35	4.77	0.00	4.77
21.80	9.40	0.00	9.40	24.40	4.44	0.00	4.44
21.85	9.38	0.00	9.38	24.45	4.17	0.00	4.17
21.90	9.35	0.00	9.35	24.50	3.97	0.00	3.97
21.95	9.31	0.00	9.31	24.55	3.82	0.00	3.82
22.00	9.28	0.00	9.28	24.60	3.71	0.00	3.71
22.05	9.25	0.00	9.25	24.65	3.62	0.00	3.62
22.10	9.22	0.00	9.22	24.70	3.56	0.00	3.56
22.15	9.19	0.00	9.19	24.75	3.51	0.00	3.51
22.20	9.16	0.00	9.16	24.80	3.47	0.00	3.47
22.25	9.14	0.00	9.14	24.85	3.43	0.00	3.43
22.30	9.11	0.00	9.11	24.90	3.40	0.00	3.40
22.35	9.07	0.00	9.07	24.95	3.38	0.00	3.38
22.40	9.04	0.00	9.04	25.00	3.36	0.00	3.36
22.45	9.01	0.00	9.01	25.05	3.35	0.00	3.35
22.50	8.98	0.00	8.98	25.10	3.34	0.00	3.34
22.55	8.95	0.00	8.95	25.15	3.33	0.00	3.33
22.60	8.92	0.00	8.92	25.20	3.33	0.00	3.33
22.65	8.90	0.00	8.90	25.25	3.32	0.00	3.32
22.70	8.87	0.00	8.87	25.30	3.31	0.00	3.31
22.75	8.84	0.00	8.84	25.35	3.31	0.00	3.31
22.80	8.81	0.00	8.81	25.40	3.30	0.00	3.30
22.85	8.78	0.00	8.78	25.45	3.29	0.00	3.29
22.90	8.74	0.00	8.74	25.50	3.29	0.00	3.29
22.95	8.72	0.00	8.72	25.55	3.28	0.00	3.28
23.00	8.69	0.00	8.69	25.60	3.28	0.00	3.28
23.05	8.67	0.00	8.67	25.65	3.27	0.00	3.27
23.10	8.64	0.00	8.64	25.70	3.27	0.00	3.27
23.15	8.61	0.00	8.61	25.75	3.26	0.00	3.26
23.20	8.58	0.00	8.58	25.80	3.26	0.00	3.26
23.25	8.55	0.00	8.55	25.85	3.25	0.00	3.25
23.30	8.52	0.00	8.52	25.90	3.25	0.00	3.25
23.35	8.49	0.00	8.49	25.95	3.24	0.00	3.24

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	3.24	0.00	3.24	28.60	2.96	0.00	2.96
26.05	3.23	0.00	3.23	28.65	2.95	0.00	2.95
26.10	3.23	0.00	3.23	28.70	2.95	0.00	2.95
26.15	3.22	0.00	3.22	28.75	2.94	0.00	2.94
26.20	3.22	0.00	3.22	28.80	2.94	0.00	2.94
26.25	3.21	0.00	3.21	28.85	2.93	0.00	2.93
26.30	3.21	0.00	3.21	28.90	2.93	0.00	2.93
26.35	3.20	0.00	3.20	28.95	2.92	0.00	2.92
26.40	3.20	0.00	3.20	29.00	2.92	0.00	2.92
26.45	3.19	0.00	3.19	29.05	2.91	0.00	2.91
26.50	3.18	0.00	3.18	29.10	2.91	0.00	2.91
26.55	3.18	0.00	3.18	29.15	2.90	0.00	2.90
26.60	3.17	0.00	3.17	29.20	2.90	0.00	2.90
26.65	3.17	0.00	3.17	29.25	2.89	0.00	2.89
26.70	3.16	0.00	3.16	29.30	2.88	0.00	2.88
26.75	3.16	0.00	3.16	29.35	2.88	0.00	2.88
26.80	3.15	0.00	3.15	29.40	2.87	0.00	2.87
26.85	3.15	0.00	3.15	29.45	2.87	0.00	2.87
26.90	3.14	0.00	3.14	29.50	2.86	0.00	2.86
26.95	3.14	0.00	3.14	29.55	2.86	0.00	2.86
27.00	3.13	0.00	3.13	29.60	2.85	0.00	2.85
27.05	3.13	0.00	3.13	29.65	2.85	0.00	2.85
27.10	3.12	0.00	3.12	29.70	2.84	0.00	2.84
27.15	3.12	0.00	3.12	29.75	2.83	0.00	2.83
27.20	3.11	0.00	3.11	29.80	2.83	0.00	2.83
27.25	3.11	0.00	3.11	29.85	2.82	0.00	2.82
27.30	3.10	0.00	3.10	29.90	2.82	0.00	2.82
27.35	3.09	0.00	3.09	29.95	2.81	0.00	2.81
27.40	3.09	0.00	3.09	30.00	2.81	0.00	2.81
27.45	3.08	0.00	3.08	30.05	2.80	0.00	2.80
27.50	3.08	0.00	3.08	30.10	2.80	0.00	2.80
27.55	3.07	0.00	3.07	30.15	2.79	0.00	2.79
27.60	3.07	0.00	3.07	30.20	2.79	0.00	2.79
27.65	3.06	0.00	3.06	30.25	2.78	0.00	2.78
27.70	3.06	0.00	3.06	30.30	2.77	0.00	2.77
27.75	3.05	0.00	3.05	30.35	2.77	0.00	2.77
27.80	3.05	0.00	3.05	30.40	2.76	0.00	2.76
27.85	3.04	0.00	3.04	30.45	2.76	0.00	2.76
27.90	3.04	0.00	3.04	30.50	2.75	0.00	2.75
27.95	3.03	0.00	3.03	30.55	2.75	0.00	2.75
28.00	3.03	0.00	3.03	30.60	2.74	0.00	2.74
28.05	3.02	0.00	3.02	30.65	2.74	0.00	2.74
28.10	3.01	0.00	3.01	30.70	2.73	0.00	2.73
28.15	3.01	0.00	3.01	30.75	2.72	0.00	2.72
28.20	3.00	0.00	3.00	30.80	2.72	0.00	2.72
28.25	3.00	0.00	3.00	30.85	2.71	0.00	2.71
28.30	2.99	0.00	2.99	30.90	2.71	0.00	2.71
28.35	2.99	0.00	2.99	30.95	2.70	0.00	2.70
28.40	2.98	0.00	2.98	31.00	2.70	0.00	2.70
28.45	2.98	0.00	2.98	31.05	2.69	0.00	2.69
28.50	2.97	0.00	2.97	31.10	2.68	0.00	2.68
28.55	2.97	0.00	2.97	31.15	2.68	0.00	2.68

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.67	0.00	2.67	33.80	2.39	0.00	2.39
31.25	2.67	0.00	2.67	33.85	2.38	0.00	2.38
31.30	2.66	0.00	2.66	33.90	2.38	0.00	2.38
31.35	2.66	0.00	2.66	33.95	2.37	0.00	2.37
31.40	2.65	0.00	2.65	34.00	2.37	0.00	2.37
31.45	2.65	0.00	2.65	34.05	2.36	0.00	2.36
31.50	2.64	0.00	2.64	34.10	2.36	0.00	2.36
31.55	2.63	0.00	2.63	34.15	2.35	0.00	2.35
31.60	2.63	0.00	2.63	34.20	2.34	0.00	2.34
31.65	2.62	0.00	2.62	34.25	2.34	0.00	2.34
31.70	2.62	0.00	2.62	34.30	2.33	0.00	2.33
31.75	2.61	0.00	2.61	34.35	2.33	0.00	2.33
31.80	2.61	0.00	2.61	34.40	2.32	0.00	2.32
31.85	2.60	0.00	2.60	34.45	2.32	0.00	2.32
31.90	2.60	0.00	2.60	34.50	2.31	0.00	2.31
31.95	2.59	0.00	2.59	34.55	2.31	0.00	2.31
32.00	2.59	0.00	2.59	34.60	2.30	0.00	2.30
32.05	2.58	0.00	2.58	34.65	2.30	0.00	2.30
32.10	2.57	0.00	2.57	34.70	2.29	0.00	2.29
32.15	2.57	0.00	2.57	34.75	2.29	0.00	2.29
32.20	2.56	0.00	2.56	34.80	2.28	0.00	2.28
32.25	2.56	0.00	2.56	34.85	2.27	0.00	2.27
32.30	2.55	0.00	2.55	34.90	2.27	0.00	2.27
32.35	2.55	0.00	2.55	34.95	2.26	0.00	2.26
32.40	2.54	0.00	2.54	35.00	2.26	0.00	2.26
32.45	2.54	0.00	2.54	35.05	2.25	0.00	2.25
32.50	2.53	0.00	2.53	35.10	2.25	0.00	2.25
32.55	2.52	0.00	2.52	35.15	2.24	0.00	2.24
32.60	2.52	0.00	2.52	35.20	2.24	0.00	2.24
32.65	2.51	0.00	2.51	35.25	2.23	0.00	2.23
32.70	2.51	0.00	2.51	35.30	2.23	0.00	2.23
32.75	2.50	0.00	2.50	35.35	2.22	0.00	2.22
32.80	2.50	0.00	2.50	35.40	2.21	0.00	2.21
32.85	2.49	0.00	2.49	35.45	2.21	0.00	2.21
32.90	2.49	0.00	2.49	35.50	2.20	0.00	2.20
32.95	2.48	0.00	2.48	35.55	2.20	0.00	2.20
33.00	2.48	0.00	2.48	35.60	2.19	0.00	2.19
33.05	2.47	0.00	2.47	35.65	2.19	0.00	2.19
33.10	2.46	0.00	2.46	35.70	2.18	0.00	2.18
33.15	2.46	0.00	2.46	35.75	2.18	0.00	2.18
33.20	2.45	0.00	2.45	35.80	2.17	0.00	2.17
33.25	2.45	0.00	2.45	35.85	2.17	0.00	2.17
33.30	2.44	0.00	2.44	35.90	2.16	0.00	2.16
33.35	2.44	0.00	2.44	35.95	2.15	0.00	2.15
33.40	2.43	0.00	2.43	36.00	2.15	0.00	2.15
33.45	2.43	0.00	2.43	36.05	2.14	0.00	2.14
33.50	2.42	0.00	2.42	36.10	2.14	0.00	2.14
33.55	2.42	0.00	2.42	36.15	2.13	0.00	2.13
33.60	2.41	0.00	2.41	36.20	2.13	0.00	2.13
33.65	2.40	0.00	2.40	36.25	2.12	0.00	2.12
33.70	2.40	0.00	2.40	36.30	2.12	0.00	2.12
33.75	2.39	0.00	2.39	36.35	2.11	0.00	2.11

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	2.10	0.00	2.10	39.00	1.84	0.00	1.84
36.45	2.10	0.00	2.10	39.05	1.84	0.00	1.84
36.50	2.09	0.00	2.09	39.10	1.83	0.00	1.83
36.55	2.09	0.00	2.09	39.15	1.83	0.00	1.83
36.60	2.08	0.00	2.08	39.20	1.83	0.00	1.83
36.65	2.08	0.00	2.08	39.25	1.82	0.00	1.82
36.70	2.07	0.00	2.07	39.30	1.82	0.00	1.82
36.75	2.07	0.00	2.07	39.35	1.81	0.00	1.81
36.80	2.06	0.00	2.06	39.40	1.81	0.00	1.81
36.85	2.06	0.00	2.06	39.45	1.80	0.00	1.80
36.90	2.05	0.00	2.05	39.50	1.80	0.00	1.80
36.95	2.05	0.00	2.05	39.55	1.79	0.00	1.79
37.00	2.04	0.00	2.04	39.60	1.79	0.00	1.79
37.05	2.04	0.00	2.04	39.65	1.78	0.00	1.78
37.10	2.03	0.00	2.03	39.70	1.78	0.00	1.78
37.15	2.02	0.00	2.02	39.75	1.77	0.00	1.77
37.20	2.02	0.00	2.02	39.80	1.77	0.00	1.77
37.25	2.01	0.00	2.01	39.85	1.77	0.00	1.77
37.30	2.01	0.00	2.01	39.90	1.76	0.00	1.76
37.35	2.00	0.00	2.00	39.95	1.76	0.00	1.76
37.40	2.00	0.00	2.00	40.00	1.75	0.00	1.75
37.45	1.99	0.00	1.99				
37.50	1.99	0.00	1.99				
37.55	1.98	0.00	1.98				
37.60	1.98	0.00	1.98				
37.65	1.97	0.00	1.97				
37.70	1.97	0.00	1.97				
37.75	1.96	0.00	1.96				
37.80	1.96	0.00	1.96				
37.85	1.95	0.00	1.95				
37.90	1.95	0.00	1.95				
37.95	1.94	0.00	1.94				
38.00	1.94	0.00	1.94				
38.05	1.93	0.00	1.93				
38.10	1.93	0.00	1.93				
38.15	1.92	0.00	1.92				
38.20	1.92	0.00	1.92				
38.25	1.91	0.00	1.91				
38.30	1.91	0.00	1.91				
38.35	1.90	0.00	1.90				
38.40	1.90	0.00	1.90				
38.45	1.90	0.00	1.90				
38.50	1.89	0.00	1.89				
38.55	1.89	0.00	1.89				
38.60	1.88	0.00	1.88				
38.65	1.88	0.00	1.88				
38.70	1.87	0.00	1.87				
38.75	1.87	0.00	1.87				
38.80	1.86	0.00	1.86				
38.85	1.86	0.00	1.86				
38.90	1.85	0.00	1.85				
38.95	1.85	0.00	1.85				

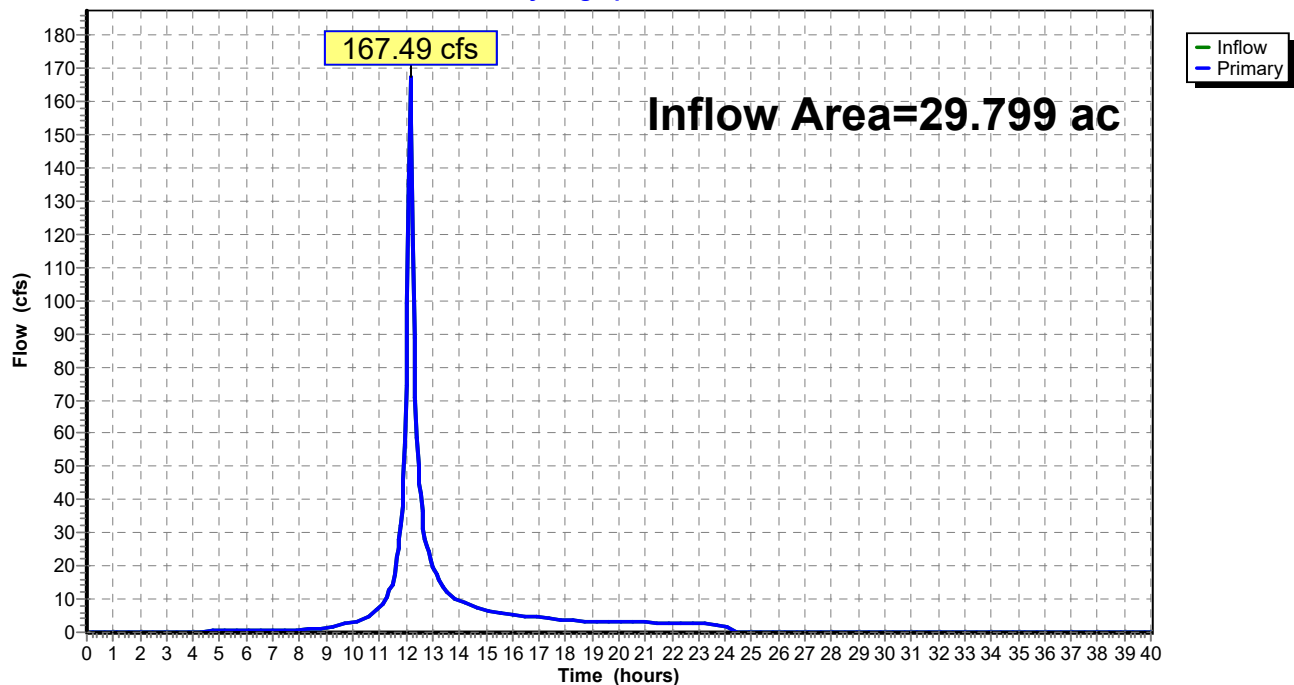
Summary for Link PDA-1OF: PDA-1 (offsite)

Inflow Area = 29.799 ac, 8.84% Impervious, Inflow Depth = 4.98" for Current 100 yr event
Inflow = 167.49 cfs @ 12.16 hrs, Volume= 12.369 af
Primary = 167.49 cfs @ 12.16 hrs, Volume= 12.369 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1OF: PDA-1 (offsite)

Hydrograph



Hydrograph for Link PDA-1OF: PDA-1 (offsite)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.32	0.00	0.32	7.80	0.69	0.00	0.69
5.25	0.33	0.00	0.33	7.85	0.70	0.00	0.70
5.30	0.33	0.00	0.33	7.90	0.71	0.00	0.71
5.35	0.34	0.00	0.34	7.95	0.72	0.00	0.72
5.40	0.34	0.00	0.34	8.00	0.73	0.00	0.73
5.45	0.34	0.00	0.34	8.05	0.76	0.00	0.76
5.50	0.35	0.00	0.35	8.10	0.78	0.00	0.78
5.55	0.35	0.00	0.35	8.15	0.81	0.00	0.81
5.60	0.36	0.00	0.36	8.20	0.84	0.00	0.84
5.65	0.36	0.00	0.36	8.25	0.87	0.00	0.87
5.70	0.36	0.00	0.36	8.30	0.91	0.00	0.91
5.75	0.37	0.00	0.37	8.35	0.94	0.00	0.94
5.80	0.37	0.00	0.37	8.40	0.97	0.00	0.97
5.85	0.38	0.00	0.38	8.45	1.00	0.00	1.00
5.90	0.38	0.00	0.38	8.50	1.04	0.00	1.04
5.95	0.39	0.00	0.39	8.55	1.07	0.00	1.07
6.00	0.39	0.00	0.39	8.60	1.11	0.00	1.11
6.05	0.39	0.00	0.39	8.65	1.14	0.00	1.14
6.10	0.40	0.00	0.40	8.70	1.18	0.00	1.18
6.15	0.41	0.00	0.41	8.75	1.21	0.00	1.21
6.20	0.41	0.00	0.41	8.80	1.25	0.00	1.25
6.25	0.42	0.00	0.42	8.85	1.28	0.00	1.28
6.30	0.43	0.00	0.43	8.90	1.32	0.00	1.32
6.35	0.44	0.00	0.44	8.95	1.35	0.00	1.35
6.40	0.45	0.00	0.45	9.00	1.39	0.00	1.39
6.45	0.45	0.00	0.45	9.05	1.44	0.00	1.44
6.50	0.46	0.00	0.46	9.10	1.49	0.00	1.49
6.55	0.47	0.00	0.47	9.15	1.55	0.00	1.55
6.60	0.48	0.00	0.48	9.20	1.62	0.00	1.62
6.65	0.49	0.00	0.49	9.25	1.69	0.00	1.69
6.70	0.49	0.00	0.49	9.30	1.76	0.00	1.76
6.75	0.50	0.00	0.50	9.35	1.84	0.00	1.84
6.80	0.51	0.00	0.51	9.40	1.92	0.00	1.92
6.85	0.52	0.00	0.52	9.45	2.00	0.00	2.00
6.90	0.53	0.00	0.53	9.50	2.08	0.00	2.08
6.95	0.54	0.00	0.54	9.55	2.17	0.00	2.17
7.00	0.55	0.00	0.55	9.60	2.26	0.00	2.26
7.05	0.55	0.00	0.55	9.65	2.35	0.00	2.35
7.10	0.56	0.00	0.56	9.70	2.44	0.00	2.44
7.15	0.57	0.00	0.57	9.75	2.53	0.00	2.53
7.20	0.58	0.00	0.58	9.80	2.63	0.00	2.63
7.25	0.59	0.00	0.59	9.85	2.72	0.00	2.72
7.30	0.60	0.00	0.60	9.90	2.83	0.00	2.83
7.35	0.61	0.00	0.61	9.95	2.93	0.00	2.93
7.40	0.61	0.00	0.61	10.00	3.03	0.00	3.03
7.45	0.62	0.00	0.62	10.05	3.14	0.00	3.14
7.50	0.63	0.00	0.63	10.10	3.25	0.00	3.25
7.55	0.64	0.00	0.64	10.15	3.36	0.00	3.36
7.60	0.65	0.00	0.65	10.20	3.48	0.00	3.48
7.65	0.66	0.00	0.66	10.25	3.59	0.00	3.59
7.70	0.67	0.00	0.67	10.30	3.71	0.00	3.71
7.75	0.68	0.00	0.68	10.35	3.83	0.00	3.83

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	3.95	0.00	3.95	13.00	20.27	0.00	20.27
10.45	4.07	0.00	4.07	13.05	19.22	0.00	19.22
10.50	4.20	0.00	4.20	13.10	18.15	0.00	18.15
10.55	4.35	0.00	4.35	13.15	17.14	0.00	17.14
10.60	4.59	0.00	4.59	13.20	16.32	0.00	16.32
10.65	4.87	0.00	4.87	13.25	15.65	0.00	15.65
10.70	5.19	0.00	5.19	13.30	15.03	0.00	15.03
10.75	5.53	0.00	5.53	13.35	14.44	0.00	14.44
10.80	5.89	0.00	5.89	13.40	13.85	0.00	13.85
10.85	6.26	0.00	6.26	13.45	13.27	0.00	13.27
10.90	6.65	0.00	6.65	13.50	12.69	0.00	12.69
10.95	7.04	0.00	7.04	13.55	12.11	0.00	12.11
11.00	7.45	0.00	7.45	13.60	11.53	0.00	11.53
11.05	7.89	0.00	7.89	13.65	11.00	0.00	11.00
11.10	8.47	0.00	8.47	13.70	10.63	0.00	10.63
11.15	9.12	0.00	9.12	13.75	10.39	0.00	10.39
11.20	9.85	0.00	9.85	13.80	10.19	0.00	10.19
11.25	10.60	0.00	10.60	13.85	10.03	0.00	10.03
11.30	11.40	0.00	11.40	13.90	9.88	0.00	9.88
11.35	12.22	0.00	12.22	13.95	9.73	0.00	9.73
11.40	13.08	0.00	13.08	14.00	9.58	0.00	9.58
11.45	13.94	0.00	13.94	14.05	9.43	0.00	9.43
11.50	14.78	0.00	14.78	14.10	9.27	0.00	9.27
11.55	16.00	0.00	16.00	14.15	9.12	0.00	9.12
11.60	18.97	0.00	18.97	14.20	8.97	0.00	8.97
11.65	22.69	0.00	22.69	14.25	8.83	0.00	8.83
11.70	25.50	0.00	25.50	14.30	8.68	0.00	8.68
11.75	27.98	0.00	27.98	14.35	8.52	0.00	8.52
11.80	32.24	0.00	32.24	14.40	8.36	0.00	8.36
11.85	38.00	0.00	38.00	14.45	8.21	0.00	8.21
11.90	45.88	0.00	45.88	14.50	8.06	0.00	8.06
11.95	56.42	0.00	56.42	14.55	7.92	0.00	7.92
12.00	74.53	0.00	74.53	14.60	7.76	0.00	7.76
12.05	99.23	0.00	99.23	14.65	7.61	0.00	7.61
12.10	135.01	0.00	135.01	14.70	7.45	0.00	7.45
12.15	166.49	0.00	166.49	14.75	7.29	0.00	7.29
12.20	153.86	0.00	153.86	14.80	7.14	0.00	7.14
12.25	116.61	0.00	116.61	14.85	6.99	0.00	6.99
12.30	88.56	0.00	88.56	14.90	6.84	0.00	6.84
12.35	71.06	0.00	71.06	14.95	6.68	0.00	6.68
12.40	58.75	0.00	58.75	15.00	6.52	0.00	6.52
12.45	49.94	0.00	49.94	15.05	6.36	0.00	6.36
12.50	44.90	0.00	44.90	15.10	6.21	0.00	6.21
12.55	41.64	0.00	41.64	15.15	6.07	0.00	6.07
12.60	36.72	0.00	36.72	15.20	5.98	0.00	5.98
12.65	31.36	0.00	31.36	15.25	5.91	0.00	5.91
12.70	27.99	0.00	27.99	15.30	5.85	0.00	5.85
12.75	26.10	0.00	26.10	15.35	5.81	0.00	5.81
12.80	24.69	0.00	24.69	15.40	5.77	0.00	5.77
12.85	23.52	0.00	23.52	15.45	5.73	0.00	5.73
12.90	22.41	0.00	22.41	15.50	5.69	0.00	5.69
12.95	21.35	0.00	21.35	15.55	5.65	0.00	5.65

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	5.61	0.00	5.61	18.20	3.48	0.00	3.48
15.65	5.57	0.00	5.57	18.25	3.47	0.00	3.47
15.70	5.53	0.00	5.53	18.30	3.45	0.00	3.45
15.75	5.49	0.00	5.49	18.35	3.44	0.00	3.44
15.80	5.44	0.00	5.44	18.40	3.43	0.00	3.43
15.85	5.40	0.00	5.40	18.45	3.42	0.00	3.42
15.90	5.36	0.00	5.36	18.50	3.41	0.00	3.41
15.95	5.33	0.00	5.33	18.55	3.40	0.00	3.40
16.00	5.29	0.00	5.29	18.60	3.39	0.00	3.39
16.05	5.24	0.00	5.24	18.65	3.38	0.00	3.38
16.10	5.20	0.00	5.20	18.70	3.37	0.00	3.37
16.15	5.17	0.00	5.17	18.75	3.36	0.00	3.36
16.20	5.13	0.00	5.13	18.80	3.35	0.00	3.35
16.25	5.09	0.00	5.09	18.85	3.34	0.00	3.34
16.30	5.04	0.00	5.04	18.90	3.33	0.00	3.33
16.35	5.00	0.00	5.00	18.95	3.32	0.00	3.32
16.40	4.96	0.00	4.96	19.00	3.31	0.00	3.31
16.45	4.92	0.00	4.92	19.05	3.30	0.00	3.30
16.50	4.88	0.00	4.88	19.10	3.29	0.00	3.29
16.55	4.83	0.00	4.83	19.15	3.28	0.00	3.28
16.60	4.79	0.00	4.79	19.20	3.27	0.00	3.27
16.65	4.76	0.00	4.76	19.25	3.26	0.00	3.26
16.70	4.72	0.00	4.72	19.30	3.25	0.00	3.25
16.75	4.68	0.00	4.68	19.35	3.24	0.00	3.24
16.80	4.63	0.00	4.63	19.40	3.23	0.00	3.23
16.85	4.58	0.00	4.58	19.45	3.22	0.00	3.22
16.90	4.54	0.00	4.54	19.50	3.21	0.00	3.21
16.95	4.51	0.00	4.51	19.55	3.20	0.00	3.20
17.00	4.47	0.00	4.47	19.60	3.19	0.00	3.19
17.05	4.43	0.00	4.43	19.65	3.18	0.00	3.18
17.10	4.39	0.00	4.39	19.70	3.16	0.00	3.16
17.15	4.35	0.00	4.35	19.75	3.16	0.00	3.16
17.20	4.31	0.00	4.31	19.80	3.15	0.00	3.15
17.25	4.26	0.00	4.26	19.85	3.15	0.00	3.15
17.30	4.21	0.00	4.21	19.90	3.14	0.00	3.14
17.35	4.17	0.00	4.17	19.95	3.12	0.00	3.12
17.40	4.13	0.00	4.13	20.00	3.11	0.00	3.11
17.45	4.09	0.00	4.09	20.05	3.09	0.00	3.09
17.50	4.05	0.00	4.05	20.10	3.08	0.00	3.08
17.55	4.01	0.00	4.01	20.15	3.07	0.00	3.07
17.60	3.97	0.00	3.97	20.20	3.06	0.00	3.06
17.65	3.93	0.00	3.93	20.25	3.05	0.00	3.05
17.70	3.89	0.00	3.89	20.30	3.04	0.00	3.04
17.75	3.84	0.00	3.84	20.35	3.03	0.00	3.03
17.80	3.80	0.00	3.80	20.40	3.02	0.00	3.02
17.85	3.76	0.00	3.76	20.45	3.01	0.00	3.01
17.90	3.72	0.00	3.72	20.50	3.00	0.00	3.00
17.95	3.67	0.00	3.67	20.55	2.99	0.00	2.99
18.00	3.63	0.00	3.63	20.60	2.99	0.00	2.99
18.05	3.59	0.00	3.59	20.65	2.98	0.00	2.98
18.10	3.55	0.00	3.55	20.70	2.97	0.00	2.97
18.15	3.51	0.00	3.51	20.75	2.95	0.00	2.95

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.94	0.00	2.94	23.40	2.39	0.00	2.39
20.85	2.93	0.00	2.93	23.45	2.39	0.00	2.39
20.90	2.92	0.00	2.92	23.50	2.38	0.00	2.38
20.95	2.91	0.00	2.91	23.55	2.36	0.00	2.36
21.00	2.90	0.00	2.90	23.60	2.35	0.00	2.35
21.05	2.89	0.00	2.89	23.65	2.34	0.00	2.34
21.10	2.87	0.00	2.87	23.70	2.33	0.00	2.33
21.15	2.86	0.00	2.86	23.75	2.33	0.00	2.33
21.20	2.85	0.00	2.85	23.80	2.31	0.00	2.31
21.25	2.84	0.00	2.84	23.85	2.30	0.00	2.30
21.30	2.84	0.00	2.84	23.90	2.28	0.00	2.28
21.35	2.84	0.00	2.84	23.95	2.30	0.00	2.30
21.40	2.82	0.00	2.82	24.00	2.44	0.00	2.44
21.45	2.81	0.00	2.81	24.05	2.48	0.00	2.48
21.50	2.79	0.00	2.79	24.10	1.85	0.00	1.85
21.55	2.78	0.00	2.78	24.15	0.95	0.00	0.95
21.60	2.77	0.00	2.77	24.20	0.41	0.00	0.41
21.65	2.76	0.00	2.76	24.25	0.18	0.00	0.18
21.70	2.75	0.00	2.75	24.30	0.08	0.00	0.08
21.75	2.74	0.00	2.74	24.35	0.03	0.00	0.03
21.80	2.73	0.00	2.73	24.40	0.01	0.00	0.01
21.85	2.73	0.00	2.73	24.45	0.00	0.00	0.00
21.90	2.72	0.00	2.72	24.50	0.00	0.00	0.00
21.95	2.70	0.00	2.70	24.55	0.00	0.00	0.00
22.00	2.69	0.00	2.69	24.60	0.00	0.00	0.00
22.05	2.68	0.00	2.68	24.65	0.00	0.00	0.00
22.10	2.66	0.00	2.66	24.70	0.00	0.00	0.00
22.15	2.65	0.00	2.65	24.75	0.00	0.00	0.00
22.20	2.65	0.00	2.65	24.80	0.00	0.00	0.00
22.25	2.65	0.00	2.65	24.85	0.00	0.00	0.00
22.30	2.63	0.00	2.63	24.90	0.00	0.00	0.00
22.35	2.62	0.00	2.62	24.95	0.00	0.00	0.00
22.40	2.60	0.00	2.60	25.00	0.00	0.00	0.00
22.45	2.59	0.00	2.59	25.05	0.00	0.00	0.00
22.50	2.58	0.00	2.58	25.10	0.00	0.00	0.00
22.55	2.57	0.00	2.57	25.15	0.00	0.00	0.00
22.60	2.57	0.00	2.57	25.20	0.00	0.00	0.00
22.65	2.56	0.00	2.56	25.25	0.00	0.00	0.00
22.70	2.55	0.00	2.55	25.30	0.00	0.00	0.00
22.75	2.53	0.00	2.53	25.35	0.00	0.00	0.00
22.80	2.52	0.00	2.52	25.40	0.00	0.00	0.00
22.85	2.51	0.00	2.51	25.45	0.00	0.00	0.00
22.90	2.49	0.00	2.49	25.50	0.00	0.00	0.00
22.95	2.49	0.00	2.49	25.55	0.00	0.00	0.00
23.00	2.48	0.00	2.48	25.60	0.00	0.00	0.00
23.05	2.48	0.00	2.48	25.65	0.00	0.00	0.00
23.10	2.46	0.00	2.46	25.70	0.00	0.00	0.00
23.15	2.45	0.00	2.45	25.75	0.00	0.00	0.00
23.20	2.43	0.00	2.43	25.80	0.00	0.00	0.00
23.25	2.42	0.00	2.42	25.85	0.00	0.00	0.00
23.30	2.41	0.00	2.41	25.90	0.00	0.00	0.00
23.35	2.40	0.00	2.40	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

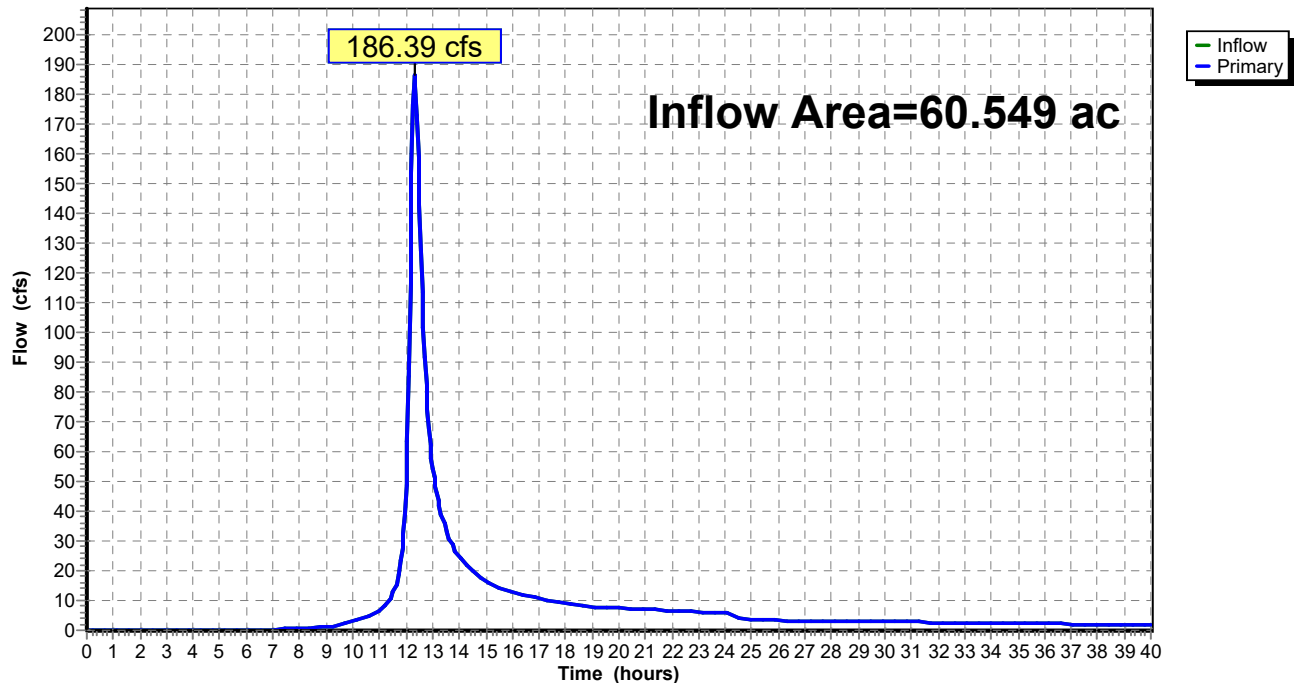
Summary for Link PDA-1ON: PDA-1 (onsite)

Inflow Area = 60.549 ac, 24.89% Impervious, Inflow Depth > 5.13" for Current 100 yr event
Inflow = 186.39 cfs @ 12.31 hrs, Volume= 25.862 af
Primary = 186.39 cfs @ 12.31 hrs, Volume= 25.862 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1ON: PDA-1 (onsite)

Hydrograph



Hydrograph for Link PDA-1ON: PDA-1 (onsite)

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

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.48	0.00	0.48
5.25	0.00	0.00	0.00	7.85	0.50	0.00	0.50
5.30	0.00	0.00	0.00	7.90	0.53	0.00	0.53
5.35	0.00	0.00	0.00	7.95	0.55	0.00	0.55
5.40	0.00	0.00	0.00	8.00	0.58	0.00	0.58
5.45	0.00	0.00	0.00	8.05	0.61	0.00	0.61
5.50	0.00	0.00	0.00	8.10	0.63	0.00	0.63
5.55	0.00	0.00	0.00	8.15	0.66	0.00	0.66
5.60	0.00	0.00	0.00	8.20	0.69	0.00	0.69
5.65	0.00	0.00	0.00	8.25	0.72	0.00	0.72
5.70	0.00	0.00	0.00	8.30	0.75	0.00	0.75
5.75	0.00	0.00	0.00	8.35	0.78	0.00	0.78
5.80	0.00	0.00	0.00	8.40	0.81	0.00	0.81
5.85	0.00	0.00	0.00	8.45	0.84	0.00	0.84
5.90	0.00	0.00	0.00	8.50	0.87	0.00	0.87
5.95	0.00	0.00	0.00	8.55	0.90	0.00	0.90
6.00	0.00	0.00	0.00	8.60	0.93	0.00	0.93
6.05	0.00	0.00	0.00	8.65	0.96	0.00	0.96
6.10	0.00	0.00	0.00	8.70	0.99	0.00	0.99
6.15	0.00	0.00	0.00	8.75	1.02	0.00	1.02
6.20	0.00	0.00	0.00	8.80	1.06	0.00	1.06
6.25	0.00	0.00	0.00	8.85	1.09	0.00	1.09
6.30	0.00	0.00	0.00	8.90	1.12	0.00	1.12
6.35	0.00	0.00	0.00	8.95	1.16	0.00	1.16
6.40	0.00	0.00	0.00	9.00	1.19	0.00	1.19
6.45	0.00	0.00	0.00	9.05	1.23	0.00	1.23
6.50	0.01	0.00	0.01	9.10	1.26	0.00	1.26
6.55	0.01	0.00	0.01	9.15	1.30	0.00	1.30
6.60	0.02	0.00	0.02	9.20	1.34	0.00	1.34
6.65	0.03	0.00	0.03	9.25	1.39	0.00	1.39
6.70	0.04	0.00	0.04	9.30	1.44	0.00	1.44
6.75	0.05	0.00	0.05	9.35	1.50	0.00	1.50
6.80	0.07	0.00	0.07	9.40	1.57	0.00	1.57
6.85	0.08	0.00	0.08	9.45	1.65	0.00	1.65
6.90	0.10	0.00	0.10	9.50	1.73	0.00	1.73
6.95	0.11	0.00	0.11	9.55	1.82	0.00	1.82
7.00	0.13	0.00	0.13	9.60	1.92	0.00	1.92
7.05	0.15	0.00	0.15	9.65	2.02	0.00	2.02
7.10	0.17	0.00	0.17	9.70	2.13	0.00	2.13
7.15	0.19	0.00	0.19	9.75	2.24	0.00	2.24
7.20	0.21	0.00	0.21	9.80	2.36	0.00	2.36
7.25	0.23	0.00	0.23	9.85	2.48	0.00	2.48
7.30	0.25	0.00	0.25	9.90	2.60	0.00	2.60
7.35	0.27	0.00	0.27	9.95	2.72	0.00	2.72
7.40	0.29	0.00	0.29	10.00	2.85	0.00	2.85
7.45	0.31	0.00	0.31	10.05	2.97	0.00	2.97
7.50	0.33	0.00	0.33	10.10	3.10	0.00	3.10
7.55	0.36	0.00	0.36	10.15	3.23	0.00	3.23
7.60	0.38	0.00	0.38	10.20	3.37	0.00	3.37
7.65	0.40	0.00	0.40	10.25	3.50	0.00	3.50
7.70	0.43	0.00	0.43	10.30	3.64	0.00	3.64
7.75	0.45	0.00	0.45	10.35	3.78	0.00	3.78

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	3.92	0.00	3.92	13.00	54.08	0.00	54.08
10.45	4.06	0.00	4.06	13.05	50.99	0.00	50.99
10.50	4.21	0.00	4.21	13.10	48.30	0.00	48.30
10.55	4.35	0.00	4.35	13.15	45.90	0.00	45.90
10.60	4.51	0.00	4.51	13.20	43.70	0.00	43.70
10.65	4.67	0.00	4.67	13.25	41.69	0.00	41.69
10.70	4.86	0.00	4.86	13.30	39.86	0.00	39.86
10.75	5.08	0.00	5.08	13.35	38.17	0.00	38.17
10.80	5.32	0.00	5.32	13.40	36.62	0.00	36.62
10.85	5.59	0.00	5.59	13.45	35.18	0.00	35.18
10.90	5.89	0.00	5.89	13.50	33.84	0.00	33.84
10.95	6.22	0.00	6.22	13.55	32.60	0.00	32.60
11.00	6.56	0.00	6.56	13.60	31.40	0.00	31.40
11.05	6.93	0.00	6.93	13.65	30.24	0.00	30.24
11.10	7.32	0.00	7.32	13.70	29.12	0.00	29.12
11.15	7.75	0.00	7.75	13.75	28.06	0.00	28.06
11.20	8.22	0.00	8.22	13.80	27.10	0.00	27.10
11.25	8.74	0.00	8.74	13.85	26.22	0.00	26.22
11.30	9.32	0.00	9.32	13.90	25.45	0.00	25.45
11.35	9.94	0.00	9.94	13.95	24.76	0.00	24.76
11.40	10.62	0.00	10.62	14.00	24.15	0.00	24.15
11.45	11.33	0.00	11.33	14.05	23.61	0.00	23.61
11.50	12.15	0.00	12.15	14.10	23.11	0.00	23.11
11.55	13.21	0.00	13.21	14.15	22.64	0.00	22.64
11.60	14.46	0.00	14.46	14.20	22.20	0.00	22.20
11.65	15.97	0.00	15.97	14.25	21.78	0.00	21.78
11.70	17.82	0.00	17.82	14.30	21.38	0.00	21.38
11.75	20.09	0.00	20.09	14.35	20.99	0.00	20.99
11.80	23.36	0.00	23.36	14.40	20.63	0.00	20.63
11.85	27.40	0.00	27.40	14.45	20.26	0.00	20.26
11.90	32.37	0.00	32.37	14.50	19.91	0.00	19.91
11.95	38.98	0.00	38.98	14.55	19.56	0.00	19.56
12.00	48.88	0.00	48.88	14.60	19.23	0.00	19.23
12.05	63.59	0.00	63.59	14.65	18.89	0.00	18.89
12.10	85.04	0.00	85.04	14.70	18.56	0.00	18.56
12.15	116.20	0.00	116.20	14.75	18.23	0.00	18.23
12.20	153.76	0.00	153.76	14.80	17.89	0.00	17.89
12.25	176.23	0.00	176.23	14.85	17.57	0.00	17.57
12.30	185.90	0.00	185.90	14.90	17.24	0.00	17.24
12.35	183.21	0.00	183.21	14.95	16.92	0.00	16.92
12.40	173.10	0.00	173.10	15.00	16.59	0.00	16.59
12.45	158.87	0.00	158.87	15.05	16.27	0.00	16.27
12.50	142.82	0.00	142.82	15.10	15.95	0.00	15.95
12.55	127.32	0.00	127.32	15.15	15.63	0.00	15.63
12.60	113.75	0.00	113.75	15.20	15.32	0.00	15.32
12.65	102.00	0.00	102.00	15.25	15.02	0.00	15.02
12.70	91.50	0.00	91.50	15.30	14.74	0.00	14.74
12.75	82.20	0.00	82.20	15.35	14.49	0.00	14.49
12.80	74.37	0.00	74.37	15.40	14.26	0.00	14.26
12.85	67.88	0.00	67.88	15.45	14.06	0.00	14.06
12.90	62.44	0.00	62.44	15.50	13.87	0.00	13.87
12.95	57.87	0.00	57.87	15.55	13.71	0.00	13.71

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	13.55	0.00	13.55	18.20	8.66	0.00	8.66
15.65	13.41	0.00	13.41	18.25	8.58	0.00	8.58
15.70	13.27	0.00	13.27	18.30	8.51	0.00	8.51
15.75	13.14	0.00	13.14	18.35	8.44	0.00	8.44
15.80	13.01	0.00	13.01	18.40	8.37	0.00	8.37
15.85	12.89	0.00	12.89	18.45	8.31	0.00	8.31
15.90	12.77	0.00	12.77	18.50	8.26	0.00	8.26
15.95	12.65	0.00	12.65	18.55	8.22	0.00	8.22
16.00	12.55	0.00	12.55	18.60	8.17	0.00	8.17
16.05	12.44	0.00	12.44	18.65	8.13	0.00	8.13
16.10	12.34	0.00	12.34	18.70	8.09	0.00	8.09
16.15	12.23	0.00	12.23	18.75	8.05	0.00	8.05
16.20	12.14	0.00	12.14	18.80	8.02	0.00	8.02
16.25	12.04	0.00	12.04	18.85	7.99	0.00	7.99
16.30	11.94	0.00	11.94	18.90	7.95	0.00	7.95
16.35	11.85	0.00	11.85	18.95	7.92	0.00	7.92
16.40	11.75	0.00	11.75	19.00	7.89	0.00	7.89
16.45	11.66	0.00	11.66	19.05	7.87	0.00	7.87
16.50	11.57	0.00	11.57	19.10	7.84	0.00	7.84
16.55	11.48	0.00	11.48	19.15	7.81	0.00	7.81
16.60	11.39	0.00	11.39	19.20	7.78	0.00	7.78
16.65	11.30	0.00	11.30	19.25	7.76	0.00	7.76
16.70	11.21	0.00	11.21	19.30	7.73	0.00	7.73
16.75	11.12	0.00	11.12	19.35	7.71	0.00	7.71
16.80	11.04	0.00	11.04	19.40	7.68	0.00	7.68
16.85	10.95	0.00	10.95	19.45	7.66	0.00	7.66
16.90	10.86	0.00	10.86	19.50	7.63	0.00	7.63
16.95	10.77	0.00	10.77	19.55	7.61	0.00	7.61
17.00	10.69	0.00	10.69	19.60	7.58	0.00	7.58
17.05	10.60	0.00	10.60	19.65	7.56	0.00	7.56
17.10	10.52	0.00	10.52	19.70	7.54	0.00	7.54
17.15	10.44	0.00	10.44	19.75	7.51	0.00	7.51
17.20	10.35	0.00	10.35	19.80	7.49	0.00	7.49
17.25	10.27	0.00	10.27	19.85	7.47	0.00	7.47
17.30	10.18	0.00	10.18	19.90	7.45	0.00	7.45
17.35	10.10	0.00	10.10	19.95	7.43	0.00	7.43
17.40	10.01	0.00	10.01	20.00	7.41	0.00	7.41
17.45	9.93	0.00	9.93	20.05	7.39	0.00	7.39
17.50	9.84	0.00	9.84	20.10	7.36	0.00	7.36
17.55	9.76	0.00	9.76	20.15	7.34	0.00	7.34
17.60	9.67	0.00	9.67	20.20	7.32	0.00	7.32
17.65	9.59	0.00	9.59	20.25	7.30	0.00	7.30
17.70	9.51	0.00	9.51	20.30	7.28	0.00	7.28
17.75	9.42	0.00	9.42	20.35	7.25	0.00	7.25
17.80	9.34	0.00	9.34	20.40	7.23	0.00	7.23
17.85	9.26	0.00	9.26	20.45	7.21	0.00	7.21
17.90	9.17	0.00	9.17	20.50	7.19	0.00	7.19
17.95	9.09	0.00	9.09	20.55	7.17	0.00	7.17
18.00	9.00	0.00	9.00	20.60	7.15	0.00	7.15
18.05	8.92	0.00	8.92	20.65	7.13	0.00	7.13
18.10	8.83	0.00	8.83	20.70	7.11	0.00	7.11
18.15	8.75	0.00	8.75	20.75	7.09	0.00	7.09

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	7.07	0.00	7.07	23.40	6.07	0.00	6.07
20.85	7.05	0.00	7.05	23.45	6.05	0.00	6.05
20.90	7.03	0.00	7.03	23.50	6.03	0.00	6.03
20.95	7.01	0.00	7.01	23.55	6.02	0.00	6.02
21.00	6.99	0.00	6.99	23.60	6.00	0.00	6.00
21.05	6.97	0.00	6.97	23.65	5.98	0.00	5.98
21.10	6.95	0.00	6.95	23.70	5.96	0.00	5.96
21.15	6.93	0.00	6.93	23.75	5.95	0.00	5.95
21.20	6.91	0.00	6.91	23.80	5.93	0.00	5.93
21.25	6.89	0.00	6.89	23.85	5.91	0.00	5.91
21.30	6.87	0.00	6.87	23.90	5.90	0.00	5.90
21.35	6.85	0.00	6.85	23.95	5.88	0.00	5.88
21.40	6.83	0.00	6.83	24.00	5.87	0.00	5.87
21.45	6.81	0.00	6.81	24.05	5.87	0.00	5.87
21.50	6.79	0.00	6.79	24.10	5.86	0.00	5.86
21.55	6.77	0.00	6.77	24.15	5.80	0.00	5.80
21.60	6.75	0.00	6.75	24.20	5.64	0.00	5.64
21.65	6.73	0.00	6.73	24.25	5.38	0.00	5.38
21.70	6.71	0.00	6.71	24.30	5.06	0.00	5.06
21.75	6.69	0.00	6.69	24.35	4.74	0.00	4.74
21.80	6.67	0.00	6.67	24.40	4.43	0.00	4.43
21.85	6.65	0.00	6.65	24.45	4.17	0.00	4.17
21.90	6.63	0.00	6.63	24.50	3.97	0.00	3.97
21.95	6.61	0.00	6.61	24.55	3.82	0.00	3.82
22.00	6.59	0.00	6.59	24.60	3.71	0.00	3.71
22.05	6.57	0.00	6.57	24.65	3.62	0.00	3.62
22.10	6.55	0.00	6.55	24.70	3.56	0.00	3.56
22.15	6.53	0.00	6.53	24.75	3.51	0.00	3.51
22.20	6.51	0.00	6.51	24.80	3.47	0.00	3.47
22.25	6.49	0.00	6.49	24.85	3.43	0.00	3.43
22.30	6.47	0.00	6.47	24.90	3.40	0.00	3.40
22.35	6.45	0.00	6.45	24.95	3.38	0.00	3.38
22.40	6.44	0.00	6.44	25.00	3.36	0.00	3.36
22.45	6.42	0.00	6.42	25.05	3.35	0.00	3.35
22.50	6.40	0.00	6.40	25.10	3.34	0.00	3.34
22.55	6.38	0.00	6.38	25.15	3.33	0.00	3.33
22.60	6.36	0.00	6.36	25.20	3.33	0.00	3.33
22.65	6.34	0.00	6.34	25.25	3.32	0.00	3.32
22.70	6.32	0.00	6.32	25.30	3.31	0.00	3.31
22.75	6.30	0.00	6.30	25.35	3.31	0.00	3.31
22.80	6.29	0.00	6.29	25.40	3.30	0.00	3.30
22.85	6.27	0.00	6.27	25.45	3.29	0.00	3.29
22.90	6.25	0.00	6.25	25.50	3.29	0.00	3.29
22.95	6.23	0.00	6.23	25.55	3.28	0.00	3.28
23.00	6.21	0.00	6.21	25.60	3.28	0.00	3.28
23.05	6.19	0.00	6.19	25.65	3.27	0.00	3.27
23.10	6.18	0.00	6.18	25.70	3.27	0.00	3.27
23.15	6.16	0.00	6.16	25.75	3.26	0.00	3.26
23.20	6.14	0.00	6.14	25.80	3.26	0.00	3.26
23.25	6.12	0.00	6.12	25.85	3.25	0.00	3.25
23.30	6.11	0.00	6.11	25.90	3.25	0.00	3.25
23.35	6.09	0.00	6.09	25.95	3.24	0.00	3.24

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	3.24	0.00	3.24	28.60	2.96	0.00	2.96
26.05	3.23	0.00	3.23	28.65	2.95	0.00	2.95
26.10	3.23	0.00	3.23	28.70	2.95	0.00	2.95
26.15	3.22	0.00	3.22	28.75	2.94	0.00	2.94
26.20	3.22	0.00	3.22	28.80	2.94	0.00	2.94
26.25	3.21	0.00	3.21	28.85	2.93	0.00	2.93
26.30	3.21	0.00	3.21	28.90	2.93	0.00	2.93
26.35	3.20	0.00	3.20	28.95	2.92	0.00	2.92
26.40	3.20	0.00	3.20	29.00	2.92	0.00	2.92
26.45	3.19	0.00	3.19	29.05	2.91	0.00	2.91
26.50	3.18	0.00	3.18	29.10	2.91	0.00	2.91
26.55	3.18	0.00	3.18	29.15	2.90	0.00	2.90
26.60	3.17	0.00	3.17	29.20	2.90	0.00	2.90
26.65	3.17	0.00	3.17	29.25	2.89	0.00	2.89
26.70	3.16	0.00	3.16	29.30	2.88	0.00	2.88
26.75	3.16	0.00	3.16	29.35	2.88	0.00	2.88
26.80	3.15	0.00	3.15	29.40	2.87	0.00	2.87
26.85	3.15	0.00	3.15	29.45	2.87	0.00	2.87
26.90	3.14	0.00	3.14	29.50	2.86	0.00	2.86
26.95	3.14	0.00	3.14	29.55	2.86	0.00	2.86
27.00	3.13	0.00	3.13	29.60	2.85	0.00	2.85
27.05	3.13	0.00	3.13	29.65	2.85	0.00	2.85
27.10	3.12	0.00	3.12	29.70	2.84	0.00	2.84
27.15	3.12	0.00	3.12	29.75	2.83	0.00	2.83
27.20	3.11	0.00	3.11	29.80	2.83	0.00	2.83
27.25	3.11	0.00	3.11	29.85	2.82	0.00	2.82
27.30	3.10	0.00	3.10	29.90	2.82	0.00	2.82
27.35	3.09	0.00	3.09	29.95	2.81	0.00	2.81
27.40	3.09	0.00	3.09	30.00	2.81	0.00	2.81
27.45	3.08	0.00	3.08	30.05	2.80	0.00	2.80
27.50	3.08	0.00	3.08	30.10	2.80	0.00	2.80
27.55	3.07	0.00	3.07	30.15	2.79	0.00	2.79
27.60	3.07	0.00	3.07	30.20	2.79	0.00	2.79
27.65	3.06	0.00	3.06	30.25	2.78	0.00	2.78
27.70	3.06	0.00	3.06	30.30	2.77	0.00	2.77
27.75	3.05	0.00	3.05	30.35	2.77	0.00	2.77
27.80	3.05	0.00	3.05	30.40	2.76	0.00	2.76
27.85	3.04	0.00	3.04	30.45	2.76	0.00	2.76
27.90	3.04	0.00	3.04	30.50	2.75	0.00	2.75
27.95	3.03	0.00	3.03	30.55	2.75	0.00	2.75
28.00	3.03	0.00	3.03	30.60	2.74	0.00	2.74
28.05	3.02	0.00	3.02	30.65	2.74	0.00	2.74
28.10	3.01	0.00	3.01	30.70	2.73	0.00	2.73
28.15	3.01	0.00	3.01	30.75	2.72	0.00	2.72
28.20	3.00	0.00	3.00	30.80	2.72	0.00	2.72
28.25	3.00	0.00	3.00	30.85	2.71	0.00	2.71
28.30	2.99	0.00	2.99	30.90	2.71	0.00	2.71
28.35	2.99	0.00	2.99	30.95	2.70	0.00	2.70
28.40	2.98	0.00	2.98	31.00	2.70	0.00	2.70
28.45	2.98	0.00	2.98	31.05	2.69	0.00	2.69
28.50	2.97	0.00	2.97	31.10	2.68	0.00	2.68
28.55	2.97	0.00	2.97	31.15	2.68	0.00	2.68

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.67	0.00	2.67	33.80	2.39	0.00	2.39
31.25	2.67	0.00	2.67	33.85	2.38	0.00	2.38
31.30	2.66	0.00	2.66	33.90	2.38	0.00	2.38
31.35	2.66	0.00	2.66	33.95	2.37	0.00	2.37
31.40	2.65	0.00	2.65	34.00	2.37	0.00	2.37
31.45	2.65	0.00	2.65	34.05	2.36	0.00	2.36
31.50	2.64	0.00	2.64	34.10	2.36	0.00	2.36
31.55	2.63	0.00	2.63	34.15	2.35	0.00	2.35
31.60	2.63	0.00	2.63	34.20	2.34	0.00	2.34
31.65	2.62	0.00	2.62	34.25	2.34	0.00	2.34
31.70	2.62	0.00	2.62	34.30	2.33	0.00	2.33
31.75	2.61	0.00	2.61	34.35	2.33	0.00	2.33
31.80	2.61	0.00	2.61	34.40	2.32	0.00	2.32
31.85	2.60	0.00	2.60	34.45	2.32	0.00	2.32
31.90	2.60	0.00	2.60	34.50	2.31	0.00	2.31
31.95	2.59	0.00	2.59	34.55	2.31	0.00	2.31
32.00	2.59	0.00	2.59	34.60	2.30	0.00	2.30
32.05	2.58	0.00	2.58	34.65	2.30	0.00	2.30
32.10	2.57	0.00	2.57	34.70	2.29	0.00	2.29
32.15	2.57	0.00	2.57	34.75	2.29	0.00	2.29
32.20	2.56	0.00	2.56	34.80	2.28	0.00	2.28
32.25	2.56	0.00	2.56	34.85	2.27	0.00	2.27
32.30	2.55	0.00	2.55	34.90	2.27	0.00	2.27
32.35	2.55	0.00	2.55	34.95	2.26	0.00	2.26
32.40	2.54	0.00	2.54	35.00	2.26	0.00	2.26
32.45	2.54	0.00	2.54	35.05	2.25	0.00	2.25
32.50	2.53	0.00	2.53	35.10	2.25	0.00	2.25
32.55	2.52	0.00	2.52	35.15	2.24	0.00	2.24
32.60	2.52	0.00	2.52	35.20	2.24	0.00	2.24
32.65	2.51	0.00	2.51	35.25	2.23	0.00	2.23
32.70	2.51	0.00	2.51	35.30	2.23	0.00	2.23
32.75	2.50	0.00	2.50	35.35	2.22	0.00	2.22
32.80	2.50	0.00	2.50	35.40	2.21	0.00	2.21
32.85	2.49	0.00	2.49	35.45	2.21	0.00	2.21
32.90	2.49	0.00	2.49	35.50	2.20	0.00	2.20
32.95	2.48	0.00	2.48	35.55	2.20	0.00	2.20
33.00	2.48	0.00	2.48	35.60	2.19	0.00	2.19
33.05	2.47	0.00	2.47	35.65	2.19	0.00	2.19
33.10	2.46	0.00	2.46	35.70	2.18	0.00	2.18
33.15	2.46	0.00	2.46	35.75	2.18	0.00	2.18
33.20	2.45	0.00	2.45	35.80	2.17	0.00	2.17
33.25	2.45	0.00	2.45	35.85	2.17	0.00	2.17
33.30	2.44	0.00	2.44	35.90	2.16	0.00	2.16
33.35	2.44	0.00	2.44	35.95	2.15	0.00	2.15
33.40	2.43	0.00	2.43	36.00	2.15	0.00	2.15
33.45	2.43	0.00	2.43	36.05	2.14	0.00	2.14
33.50	2.42	0.00	2.42	36.10	2.14	0.00	2.14
33.55	2.42	0.00	2.42	36.15	2.13	0.00	2.13
33.60	2.41	0.00	2.41	36.20	2.13	0.00	2.13
33.65	2.40	0.00	2.40	36.25	2.12	0.00	2.12
33.70	2.40	0.00	2.40	36.30	2.12	0.00	2.12
33.75	2.39	0.00	2.39	36.35	2.11	0.00	2.11

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	2.10	0.00	2.10	39.00	1.84	0.00	1.84
36.45	2.10	0.00	2.10	39.05	1.84	0.00	1.84
36.50	2.09	0.00	2.09	39.10	1.83	0.00	1.83
36.55	2.09	0.00	2.09	39.15	1.83	0.00	1.83
36.60	2.08	0.00	2.08	39.20	1.83	0.00	1.83
36.65	2.08	0.00	2.08	39.25	1.82	0.00	1.82
36.70	2.07	0.00	2.07	39.30	1.82	0.00	1.82
36.75	2.07	0.00	2.07	39.35	1.81	0.00	1.81
36.80	2.06	0.00	2.06	39.40	1.81	0.00	1.81
36.85	2.06	0.00	2.06	39.45	1.80	0.00	1.80
36.90	2.05	0.00	2.05	39.50	1.80	0.00	1.80
36.95	2.05	0.00	2.05	39.55	1.79	0.00	1.79
37.00	2.04	0.00	2.04	39.60	1.79	0.00	1.79
37.05	2.04	0.00	2.04	39.65	1.78	0.00	1.78
37.10	2.03	0.00	2.03	39.70	1.78	0.00	1.78
37.15	2.02	0.00	2.02	39.75	1.77	0.00	1.77
37.20	2.02	0.00	2.02	39.80	1.77	0.00	1.77
37.25	2.01	0.00	2.01	39.85	1.77	0.00	1.77
37.30	2.01	0.00	2.01	39.90	1.76	0.00	1.76
37.35	2.00	0.00	2.00	39.95	1.76	0.00	1.76
37.40	2.00	0.00	2.00	40.00	1.75	0.00	1.75
37.45	1.99	0.00	1.99				
37.50	1.99	0.00	1.99				
37.55	1.98	0.00	1.98				
37.60	1.98	0.00	1.98				
37.65	1.97	0.00	1.97				
37.70	1.97	0.00	1.97				
37.75	1.96	0.00	1.96				
37.80	1.96	0.00	1.96				
37.85	1.95	0.00	1.95				
37.90	1.95	0.00	1.95				
37.95	1.94	0.00	1.94				
38.00	1.94	0.00	1.94				
38.05	1.93	0.00	1.93				
38.10	1.93	0.00	1.93				
38.15	1.92	0.00	1.92				
38.20	1.92	0.00	1.92				
38.25	1.91	0.00	1.91				
38.30	1.91	0.00	1.91				
38.35	1.90	0.00	1.90				
38.40	1.90	0.00	1.90				
38.45	1.90	0.00	1.90				
38.50	1.89	0.00	1.89				
38.55	1.89	0.00	1.89				
38.60	1.88	0.00	1.88				
38.65	1.88	0.00	1.88				
38.70	1.87	0.00	1.87				
38.75	1.87	0.00	1.87				
38.80	1.86	0.00	1.86				
38.85	1.86	0.00	1.86				
38.90	1.85	0.00	1.85				
38.95	1.85	0.00	1.85				

Summary for Subcatchment 1I: PDA-1 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-1 : Basin #1

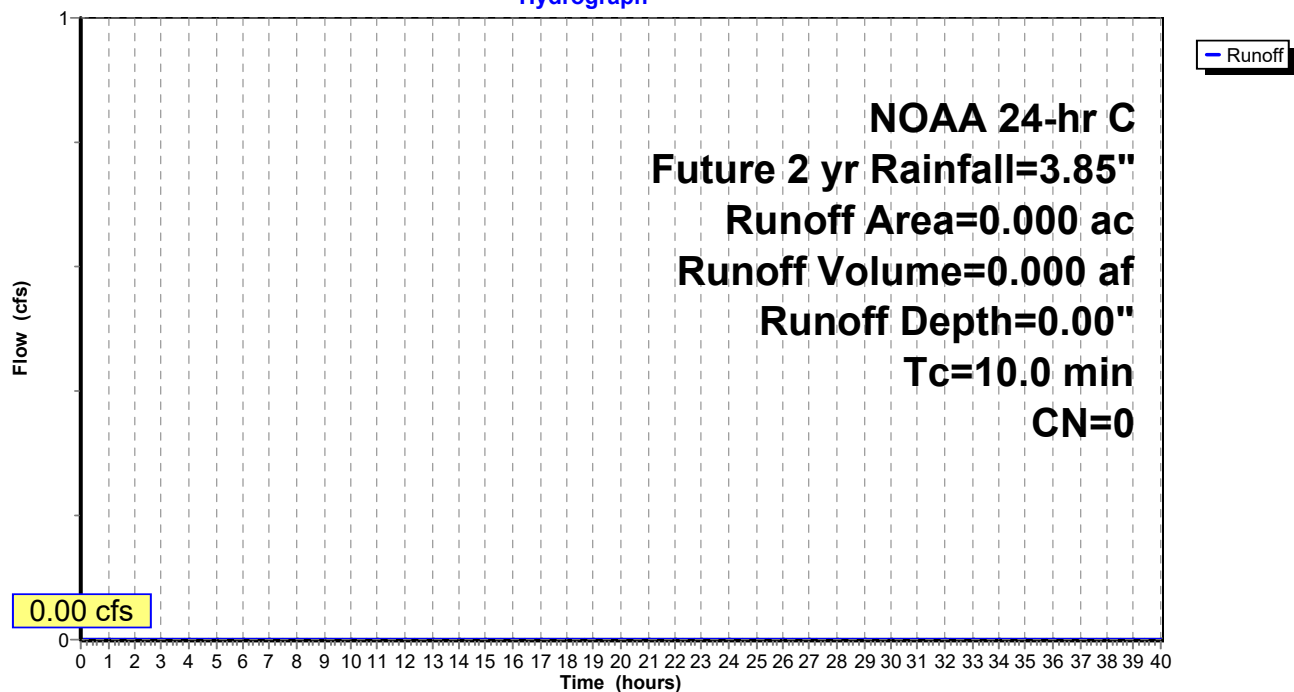
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 1I: PDA-1 (impervious)

Hydrograph



Hydrograph for Subcatchment 1I: PDA-1 (impervious)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.00	0.00
10.45	0.78	0.00	0.00	13.05	2.94	0.00	0.00
10.50	0.79	0.00	0.00	13.10	2.96	0.00	0.00
10.55	0.80	0.00	0.00	13.15	2.97	0.00	0.00
10.60	0.82	0.00	0.00	13.20	2.98	0.00	0.00
10.65	0.83	0.00	0.00	13.25	3.00	0.00	0.00
10.70	0.84	0.00	0.00	13.30	3.01	0.00	0.00
10.75	0.85	0.00	0.00	13.35	3.02	0.00	0.00
10.80	0.87	0.00	0.00	13.40	3.03	0.00	0.00
10.85	0.88	0.00	0.00	13.45	3.05	0.00	0.00
10.90	0.89	0.00	0.00	13.50	3.06	0.00	0.00
10.95	0.91	0.00	0.00	13.55	3.07	0.00	0.00
11.00	0.92	0.00	0.00	13.60	3.08	0.00	0.00
11.05	0.94	0.00	0.00	13.65	3.09	0.00	0.00
11.10	0.96	0.00	0.00	13.70	3.09	0.00	0.00
11.15	0.98	0.00	0.00	13.75	3.10	0.00	0.00
11.20	1.00	0.00	0.00	13.80	3.11	0.00	0.00
11.25	1.02	0.00	0.00	13.85	3.12	0.00	0.00
11.30	1.04	0.00	0.00	13.90	3.13	0.00	0.00
11.35	1.06	0.00	0.00	13.95	3.14	0.00	0.00
11.40	1.09	0.00	0.00	14.00	3.15	0.00	0.00
11.45	1.11	0.00	0.00	14.05	3.16	0.00	0.00
11.50	1.14	0.00	0.00	14.10	3.16	0.00	0.00
11.55	1.18	0.00	0.00	14.15	3.17	0.00	0.00
11.60	1.22	0.00	0.00	14.20	3.18	0.00	0.00
11.65	1.26	0.00	0.00	14.25	3.19	0.00	0.00
11.70	1.30	0.00	0.00	14.30	3.20	0.00	0.00
11.75	1.35	0.00	0.00	14.35	3.20	0.00	0.00
11.80	1.41	0.00	0.00	14.40	3.21	0.00	0.00
11.85	1.49	0.00	0.00	14.45	3.22	0.00	0.00
11.90	1.57	0.00	0.00	14.50	3.23	0.00	0.00
11.95	1.70	0.00	0.00	14.55	3.23	0.00	0.00
12.00	1.83	0.00	0.00	14.60	3.24	0.00	0.00
12.05	2.06	0.00	0.00	14.65	3.25	0.00	0.00
12.10	2.28	0.00	0.00	14.70	3.25	0.00	0.00
12.15	2.36	0.00	0.00	14.75	3.26	0.00	0.00
12.20	2.44	0.00	0.00	14.80	3.26	0.00	0.00
12.25	2.50	0.00	0.00	14.85	3.27	0.00	0.00
12.30	2.55	0.00	0.00	14.90	3.28	0.00	0.00
12.35	2.59	0.00	0.00	14.95	3.28	0.00	0.00
12.40	2.63	0.00	0.00	15.00	3.29	0.00	0.00
12.45	2.67	0.00	0.00	15.05	3.29	0.00	0.00
12.50	2.71	0.00	0.00	15.10	3.30	0.00	0.00
12.55	2.74	0.00	0.00	15.15	3.30	0.00	0.00
12.60	2.76	0.00	0.00	15.20	3.31	0.00	0.00
12.65	2.79	0.00	0.00	15.25	3.31	0.00	0.00
12.70	2.81	0.00	0.00	15.30	3.32	0.00	0.00
12.75	2.83	0.00	0.00	15.35	3.32	0.00	0.00
12.80	2.85	0.00	0.00	15.40	3.33	0.00	0.00
12.85	2.87	0.00	0.00	15.45	3.34	0.00	0.00
12.90	2.89	0.00	0.00	15.50	3.34	0.00	0.00
12.95	2.91	0.00	0.00	15.55	3.35	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	0.00	0.00	18.20	3.56	0.00	0.00
15.65	3.36	0.00	0.00	18.25	3.56	0.00	0.00
15.70	3.36	0.00	0.00	18.30	3.56	0.00	0.00
15.75	3.36	0.00	0.00	18.35	3.57	0.00	0.00
15.80	3.37	0.00	0.00	18.40	3.57	0.00	0.00
15.85	3.37	0.00	0.00	18.45	3.57	0.00	0.00
15.90	3.38	0.00	0.00	18.50	3.58	0.00	0.00
15.95	3.38	0.00	0.00	18.55	3.58	0.00	0.00
16.00	3.39	0.00	0.00	18.60	3.58	0.00	0.00
16.05	3.39	0.00	0.00	18.65	3.58	0.00	0.00
16.10	3.40	0.00	0.00	18.70	3.59	0.00	0.00
16.15	3.40	0.00	0.00	18.75	3.59	0.00	0.00
16.20	3.41	0.00	0.00	18.80	3.59	0.00	0.00
16.25	3.41	0.00	0.00	18.85	3.60	0.00	0.00
16.30	3.42	0.00	0.00	18.90	3.60	0.00	0.00
16.35	3.42	0.00	0.00	18.95	3.60	0.00	0.00
16.40	3.42	0.00	0.00	19.00	3.61	0.00	0.00
16.45	3.43	0.00	0.00	19.05	3.61	0.00	0.00
16.50	3.43	0.00	0.00	19.10	3.61	0.00	0.00
16.55	3.44	0.00	0.00	19.15	3.61	0.00	0.00
16.60	3.44	0.00	0.00	19.20	3.62	0.00	0.00
16.65	3.45	0.00	0.00	19.25	3.62	0.00	0.00
16.70	3.45	0.00	0.00	19.30	3.62	0.00	0.00
16.75	3.45	0.00	0.00	19.35	3.63	0.00	0.00
16.80	3.46	0.00	0.00	19.40	3.63	0.00	0.00
16.85	3.46	0.00	0.00	19.45	3.63	0.00	0.00
16.90	3.47	0.00	0.00	19.50	3.63	0.00	0.00
16.95	3.47	0.00	0.00	19.55	3.64	0.00	0.00
17.00	3.47	0.00	0.00	19.60	3.64	0.00	0.00
17.05	3.48	0.00	0.00	19.65	3.64	0.00	0.00
17.10	3.48	0.00	0.00	19.70	3.65	0.00	0.00
17.15	3.49	0.00	0.00	19.75	3.65	0.00	0.00
17.20	3.49	0.00	0.00	19.80	3.65	0.00	0.00
17.25	3.49	0.00	0.00	19.85	3.65	0.00	0.00
17.30	3.50	0.00	0.00	19.90	3.66	0.00	0.00
17.35	3.50	0.00	0.00	19.95	3.66	0.00	0.00
17.40	3.50	0.00	0.00	20.00	3.66	0.00	0.00
17.45	3.51	0.00	0.00	20.05	3.66	0.00	0.00
17.50	3.51	0.00	0.00	20.10	3.67	0.00	0.00
17.55	3.52	0.00	0.00	20.15	3.67	0.00	0.00
17.60	3.52	0.00	0.00	20.20	3.67	0.00	0.00
17.65	3.52	0.00	0.00	20.25	3.68	0.00	0.00
17.70	3.53	0.00	0.00	20.30	3.68	0.00	0.00
17.75	3.53	0.00	0.00	20.35	3.68	0.00	0.00
17.80	3.53	0.00	0.00	20.40	3.68	0.00	0.00
17.85	3.54	0.00	0.00	20.45	3.69	0.00	0.00
17.90	3.54	0.00	0.00	20.50	3.69	0.00	0.00
17.95	3.54	0.00	0.00	20.55	3.69	0.00	0.00
18.00	3.54	0.00	0.00	20.60	3.69	0.00	0.00
18.05	3.55	0.00	0.00	20.65	3.70	0.00	0.00
18.10	3.55	0.00	0.00	20.70	3.70	0.00	0.00
18.15	3.55	0.00	0.00	20.75	3.70	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Summary for Subcatchment 1P: PDA-1 (pervious)

Runoff = 1.44 cfs @ 12.18 hrs, Volume= 0.110 af, Depth= 1.49"
 Routed to Pond B-1 : Basin #1

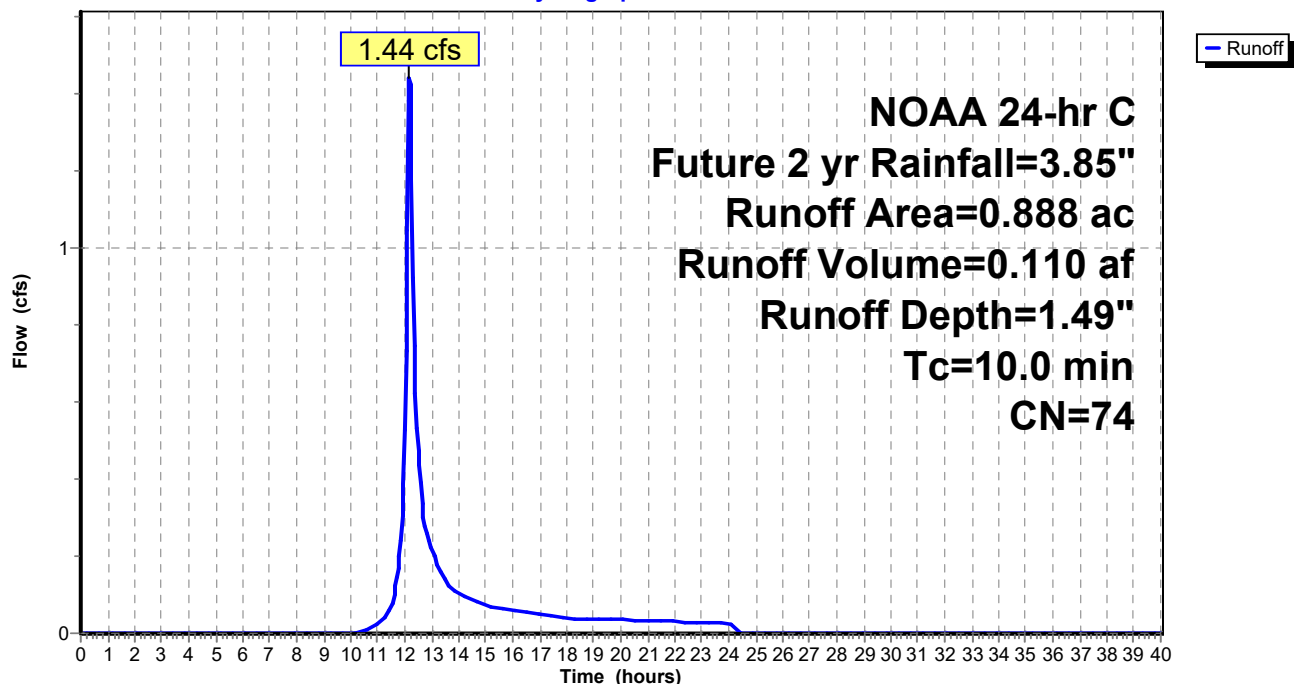
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.888	74	>75% Grass cover, Good, HSG C
0.888		100.00% Pervious Area

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

Subcatchment 1P: PDA-1 (pervious)

Hydrograph



Hydrograph for Subcatchment 1P: PDA-1 (pervious)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.22
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.20
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.19
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.18
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.17
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.17
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.16
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.15
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.15
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.14
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.14
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.13
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.12
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.12
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.11
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.11
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.11
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.11
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.11
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.10
11.40	1.09	0.04	0.06	14.00	3.15	1.00	0.10
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.10
11.50	1.14	0.05	0.07	14.10	3.16	1.01	0.10
11.55	1.18	0.06	0.08	14.15	3.17	1.02	0.10
11.60	1.22	0.07	0.10	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.12	14.25	3.19	1.03	0.10
11.70	1.30	0.09	0.15	14.30	3.20	1.03	0.09
11.75	1.35	0.10	0.17	14.35	3.20	1.04	0.09
11.80	1.41	0.12	0.20	14.40	3.21	1.04	0.09
11.85	1.49	0.14	0.24	14.45	3.22	1.05	0.09
11.90	1.57	0.17	0.30	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.39	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.53	14.60	3.24	1.06	0.08
12.05	2.06	0.38	0.73	14.65	3.25	1.07	0.08
12.10	2.28	0.49	1.04	14.70	3.25	1.07	0.08
12.15	2.36	0.53	1.38	14.75	3.26	1.08	0.08
12.20	2.44	0.57	1.42	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.18	14.85	3.27	1.08	0.08
12.30	2.55	0.64	0.92	14.90	3.28	1.09	0.07
12.35	2.59	0.66	0.75	14.95	3.28	1.09	0.07
12.40	2.63	0.69	0.62	15.00	3.29	1.10	0.07
12.45	2.67	0.71	0.53	15.05	3.29	1.10	0.07
12.50	2.71	0.73	0.47	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.44	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.39	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.34	15.25	3.31	1.11	0.06
12.70	2.81	0.79	0.30	15.30	3.32	1.12	0.06
12.75	2.83	0.80	0.28	15.35	3.32	1.12	0.06
12.80	2.85	0.82	0.26	15.40	3.33	1.12	0.06
12.85	2.87	0.83	0.25	15.45	3.34	1.13	0.06
12.90	2.89	0.84	0.24	15.50	3.34	1.13	0.06
12.95	2.91	0.85	0.23	15.55	3.35	1.13	0.06

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.06	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.06	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.06	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.06	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.06	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.06	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.06	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.06	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.06	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.06	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.06	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.06	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.06	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.06	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.06	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.06	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.05	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.05	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.05	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.05	19.15	3.61	1.32	0.04
16.60	3.44	1.20	0.05	19.20	3.62	1.32	0.04
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.04
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.04
16.75	3.45	1.21	0.05	19.35	3.63	1.33	0.04
16.80	3.46	1.21	0.05	19.40	3.63	1.33	0.04
16.85	3.46	1.21	0.05	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.05	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.05	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.05	19.60	3.64	1.34	0.04
17.05	3.48	1.22	0.05	19.65	3.64	1.34	0.04
17.10	3.48	1.23	0.05	19.70	3.65	1.34	0.04
17.15	3.49	1.23	0.05	19.75	3.65	1.34	0.04
17.20	3.49	1.23	0.05	19.80	3.65	1.34	0.04
17.25	3.49	1.24	0.05	19.85	3.65	1.35	0.04
17.30	3.50	1.24	0.05	19.90	3.66	1.35	0.04
17.35	3.50	1.24	0.05	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.05	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.05	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.04	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.04	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.04	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Summary for Subcatchment 2I: PDA-2 (impervious)

Runoff = 2.53 cfs @ 12.17 hrs, Volume= 0.218 af, Depth= 3.62"
 Routed to Pond B-2 : Basin #2

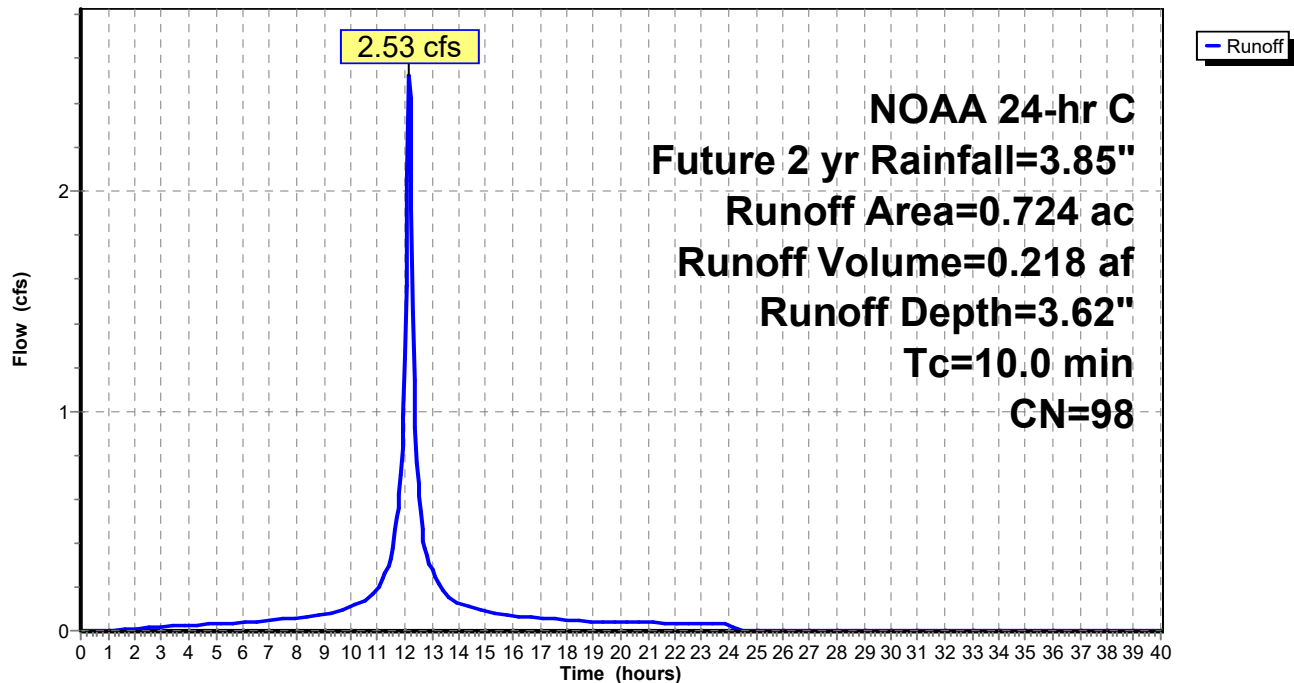
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.490	98	Roof, HSG C
* 0.196	98	Pavement, HSG C
* 0.038	98	Concrete, HSG C
0.724	98	Weighted Average
0.724		100.00% Impervious Area

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

Subcatchment 2I: PDA-2 (impervious)

Hydrograph



Hydrograph for Subcatchment 2I: PDA-2 (impervious)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.06
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.06
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.06
5.50	0.27	0.12	0.03	8.10	0.47	0.29	0.06
5.55	0.28	0.13	0.03	8.15	0.48	0.30	0.06
5.60	0.28	0.13	0.03	8.20	0.48	0.30	0.06
5.65	0.28	0.13	0.03	8.25	0.49	0.30	0.06
5.70	0.29	0.13	0.03	8.30	0.49	0.31	0.06
5.75	0.29	0.14	0.03	8.35	0.49	0.31	0.06
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.06
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.06
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.07
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.07
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.07
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.07
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.07
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.07
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.07
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.07
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.07
6.45	0.33	0.17	0.04	9.05	0.57	0.38	0.07
6.50	0.34	0.18	0.04	9.10	0.57	0.39	0.07
6.55	0.34	0.18	0.04	9.15	0.58	0.39	0.07
6.60	0.35	0.18	0.04	9.20	0.59	0.40	0.08
6.65	0.35	0.19	0.04	9.25	0.59	0.40	0.08
6.70	0.35	0.19	0.04	9.30	0.60	0.41	0.08
6.75	0.36	0.19	0.04	9.35	0.60	0.41	0.08
6.80	0.36	0.19	0.04	9.40	0.61	0.42	0.08
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.09
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.09
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.09
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.09
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.09
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.10
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.10
7.20	0.39	0.22	0.05	9.80	0.67	0.47	0.10
7.25	0.40	0.23	0.05	9.85	0.68	0.48	0.10
7.30	0.40	0.23	0.05	9.90	0.69	0.49	0.11
7.35	0.40	0.23	0.05	9.95	0.69	0.50	0.11
7.40	0.41	0.24	0.05	10.00	0.70	0.51	0.11
7.45	0.41	0.24	0.05	10.05	0.71	0.51	0.11
7.50	0.42	0.24	0.05	10.10	0.72	0.52	0.11
7.55	0.42	0.25	0.05	10.15	0.73	0.53	0.12
7.60	0.43	0.25	0.05	10.20	0.74	0.54	0.12
7.65	0.43	0.25	0.05	10.25	0.75	0.55	0.12
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.12
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.12

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.13	13.00	2.93	2.69	0.28
10.45	0.78	0.58	0.13	13.05	2.94	2.71	0.27
10.50	0.79	0.59	0.13	13.10	2.96	2.73	0.25
10.55	0.80	0.60	0.13	13.15	2.97	2.74	0.24
10.60	0.82	0.61	0.14	13.20	2.98	2.75	0.23
10.65	0.83	0.62	0.14	13.25	3.00	2.77	0.22
10.70	0.84	0.64	0.15	13.30	3.01	2.78	0.21
10.75	0.85	0.65	0.16	13.35	3.02	2.79	0.20
10.80	0.87	0.66	0.17	13.40	3.03	2.80	0.19
10.85	0.88	0.67	0.17	13.45	3.05	2.81	0.18
10.90	0.89	0.69	0.18	13.50	3.06	2.82	0.17
10.95	0.91	0.70	0.19	13.55	3.07	2.83	0.17
11.00	0.92	0.72	0.20	13.60	3.08	2.84	0.16
11.05	0.94	0.73	0.21	13.65	3.09	2.85	0.15
11.10	0.96	0.75	0.22	13.70	3.09	2.86	0.15
11.15	0.98	0.77	0.23	13.75	3.10	2.87	0.14
11.20	1.00	0.79	0.24	13.80	3.11	2.88	0.14
11.25	1.02	0.81	0.26	13.85	3.12	2.89	0.14
11.30	1.04	0.83	0.27	13.90	3.13	2.90	0.13
11.35	1.06	0.85	0.29	13.95	3.14	2.91	0.13
11.40	1.09	0.88	0.30	14.00	3.15	2.92	0.13
11.45	1.11	0.90	0.32	14.05	3.16	2.92	0.13
11.50	1.14	0.92	0.33	14.10	3.16	2.93	0.12
11.55	1.18	0.96	0.35	14.15	3.17	2.94	0.12
11.60	1.22	1.00	0.40	14.20	3.18	2.95	0.12
11.65	1.26	1.04	0.46	14.25	3.19	2.96	0.12
11.70	1.30	1.08	0.52	14.30	3.20	2.96	0.12
11.75	1.35	1.14	0.56	14.35	3.20	2.97	0.11
11.80	1.41	1.19	0.62	14.40	3.21	2.98	0.11
11.85	1.49	1.27	0.71	14.45	3.22	2.99	0.11
11.90	1.57	1.34	0.83	14.50	3.23	2.99	0.11
11.95	1.70	1.48	0.98	14.55	3.23	3.00	0.11
12.00	1.83	1.61	1.23	14.60	3.24	3.01	0.10
12.05	2.06	1.83	1.57	14.65	3.25	3.01	0.10
12.10	2.28	2.06	2.05	14.70	3.25	3.02	0.10
12.15	2.36	2.13	2.49	14.75	3.26	3.03	0.10
12.20	2.44	2.21	2.43	14.80	3.26	3.03	0.10
12.25	2.50	2.27	1.92	14.85	3.27	3.04	0.09
12.30	2.55	2.32	1.45	14.90	3.28	3.04	0.09
12.35	2.59	2.36	1.14	14.95	3.28	3.05	0.09
12.40	2.63	2.40	0.92	15.00	3.29	3.05	0.09
12.45	2.67	2.44	0.77	15.05	3.29	3.06	0.08
12.50	2.71	2.48	0.67	15.10	3.30	3.07	0.08
12.55	2.74	2.51	0.61	15.15	3.30	3.07	0.08
12.60	2.76	2.53	0.54	15.20	3.31	3.08	0.08
12.65	2.79	2.56	0.46	15.25	3.31	3.08	0.08
12.70	2.81	2.58	0.41	15.30	3.32	3.09	0.08
12.75	2.83	2.60	0.37	15.35	3.32	3.09	0.08
12.80	2.85	2.62	0.35	15.40	3.33	3.10	0.08
12.85	2.87	2.64	0.33	15.45	3.34	3.10	0.08
12.90	2.89	2.66	0.31	15.50	3.34	3.11	0.08
12.95	2.91	2.68	0.30	15.55	3.35	3.11	0.07

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.07	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.07	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.07	18.30	3.56	3.33	0.04
15.75	3.36	3.13	0.07	18.35	3.57	3.33	0.04
15.80	3.37	3.14	0.07	18.40	3.57	3.34	0.04
15.85	3.37	3.14	0.07	18.45	3.57	3.34	0.04
15.90	3.38	3.15	0.07	18.50	3.58	3.34	0.04
15.95	3.38	3.15	0.07	18.55	3.58	3.34	0.04
16.00	3.39	3.16	0.07	18.60	3.58	3.35	0.04
16.05	3.39	3.16	0.07	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.07	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.07	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.07	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.07	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.07	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.06	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.06	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.06	19.15	3.61	3.38	0.04
16.60	3.44	3.21	0.06	19.20	3.62	3.38	0.04
16.65	3.45	3.21	0.06	19.25	3.62	3.39	0.04
16.70	3.45	3.22	0.06	19.30	3.62	3.39	0.04
16.75	3.45	3.22	0.06	19.35	3.63	3.39	0.04
16.80	3.46	3.23	0.06	19.40	3.63	3.39	0.04
16.85	3.46	3.23	0.06	19.45	3.63	3.40	0.04
16.90	3.47	3.23	0.06	19.50	3.63	3.40	0.04
16.95	3.47	3.24	0.06	19.55	3.64	3.40	0.04
17.00	3.47	3.24	0.06	19.60	3.64	3.41	0.04
17.05	3.48	3.24	0.06	19.65	3.64	3.41	0.04
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.04
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.04
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.04
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.04
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.04
17.35	3.50	3.27	0.05	19.95	3.66	3.42	0.04
17.40	3.50	3.27	0.05	20.00	3.66	3.43	0.04
17.45	3.51	3.27	0.05	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.05	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.05	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.05	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.05	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.05	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.05	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.05	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.05	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.03	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.03	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.03	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.03	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Summary for Subcatchment 2P: PDA-2 (pervious)

Runoff = 1.90 cfs @ 12.18 hrs, Volume= 0.145 af, Depth= 1.49"
 Routed to Pond B-2 : Basin #2

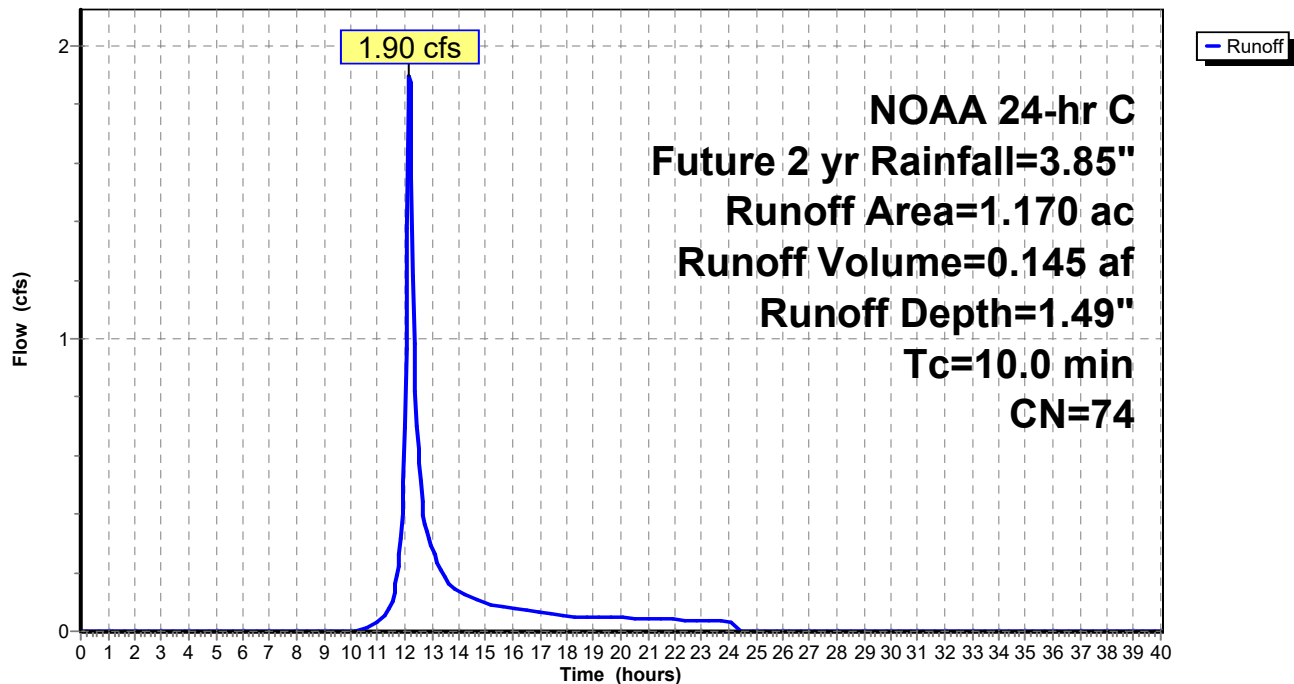
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.170	74	>75% Grass cover, Good, HSG C
1.170		100.00% Pervious Area

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

Subcatchment 2P: PDA-2 (pervious)

Hydrograph



Hydrograph for Subcatchment 2P: PDA-2 (pervious)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.28
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.27
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.26
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.24
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.23
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.22
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.21
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.20
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.20
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.19
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.18
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.17
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.16
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.16
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.15
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.15
11.20	1.00	0.02	0.05	13.80	3.11	0.98	0.14
11.25	1.02	0.03	0.06	13.85	3.12	0.99	0.14
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.14
11.35	1.06	0.03	0.07	13.95	3.14	1.00	0.14
11.40	1.09	0.04	0.08	14.00	3.15	1.00	0.14
11.45	1.11	0.04	0.09	14.05	3.16	1.01	0.13
11.50	1.14	0.05	0.10	14.10	3.16	1.01	0.13
11.55	1.18	0.06	0.11	14.15	3.17	1.02	0.13
11.60	1.22	0.07	0.13	14.20	3.18	1.02	0.13
11.65	1.26	0.08	0.16	14.25	3.19	1.03	0.13
11.70	1.30	0.09	0.19	14.30	3.20	1.03	0.12
11.75	1.35	0.10	0.22	14.35	3.20	1.04	0.12
11.80	1.41	0.12	0.26	14.40	3.21	1.04	0.12
11.85	1.49	0.14	0.32	14.45	3.22	1.05	0.12
11.90	1.57	0.17	0.40	14.50	3.23	1.05	0.12
11.95	1.70	0.22	0.51	14.55	3.23	1.06	0.11
12.00	1.83	0.28	0.69	14.60	3.24	1.06	0.11
12.05	2.06	0.38	0.96	14.65	3.25	1.07	0.11
12.10	2.28	0.49	1.38	14.70	3.25	1.07	0.11
12.15	2.36	0.53	1.82	14.75	3.26	1.08	0.10
12.20	2.44	0.57	1.88	14.80	3.26	1.08	0.10
12.25	2.50	0.61	1.55	14.85	3.27	1.08	0.10
12.30	2.55	0.64	1.21	14.90	3.28	1.09	0.10
12.35	2.59	0.66	0.98	14.95	3.28	1.09	0.10
12.40	2.63	0.69	0.82	15.00	3.29	1.10	0.09
12.45	2.67	0.71	0.70	15.05	3.29	1.10	0.09
12.50	2.71	0.73	0.62	15.10	3.30	1.10	0.09
12.55	2.74	0.75	0.57	15.15	3.30	1.11	0.09
12.60	2.76	0.76	0.52	15.20	3.31	1.11	0.09
12.65	2.79	0.78	0.45	15.25	3.31	1.11	0.09
12.70	2.81	0.79	0.39	15.30	3.32	1.12	0.08
12.75	2.83	0.80	0.36	15.35	3.32	1.12	0.08
12.80	2.85	0.82	0.34	15.40	3.33	1.12	0.08
12.85	2.87	0.83	0.33	15.45	3.34	1.13	0.08
12.90	2.89	0.84	0.31	15.50	3.34	1.13	0.08
12.95	2.91	0.85	0.30	15.55	3.35	1.13	0.08

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Summary for Subcatchment 3I: PDA-3 (impervious)

Runoff = 2.08 cfs @ 12.17 hrs, Volume= 0.180 af, Depth= 3.62"
 Routed to Pond B-3 : Basin #3

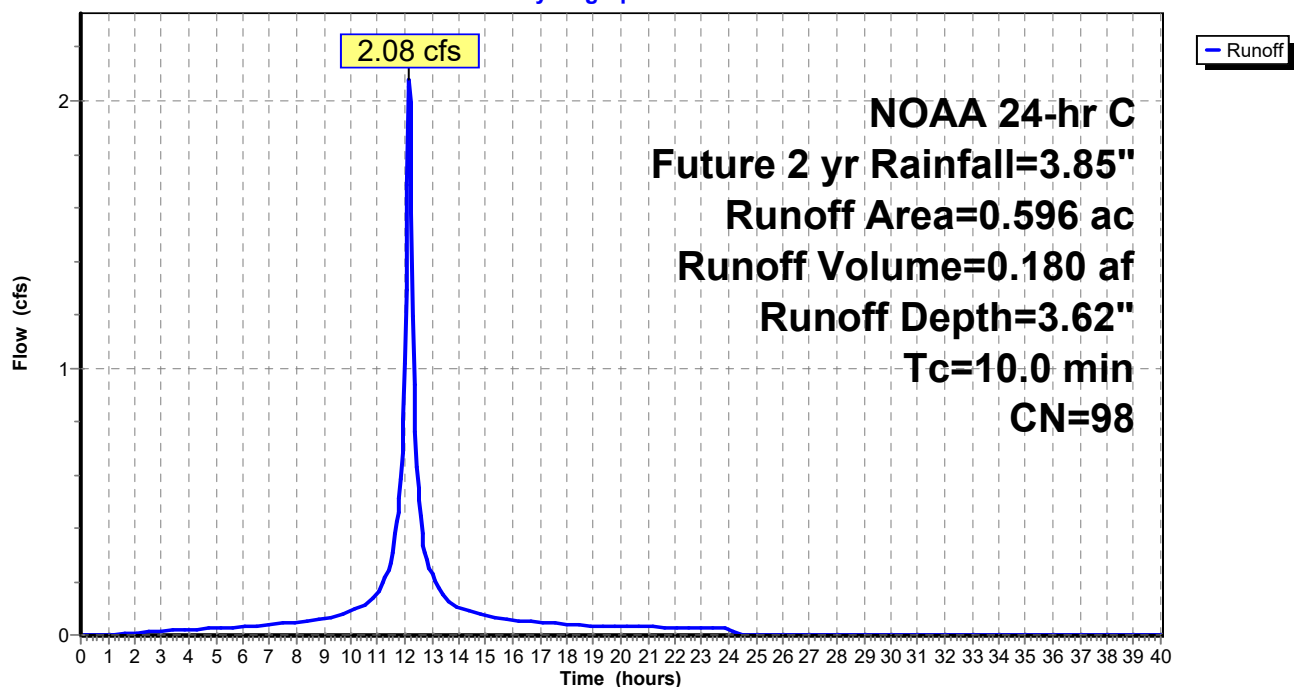
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.304	98	Pavement, HSG C
* 0.035	98	Concrete, HSG C
0.257	98	Unconnected roofs, HSG C
0.596	98	Weighted Average
0.596		100.00% Impervious Area
0.257		43.12% Unconnected

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

Subcatchment 3I: PDA-3 (impervious)

Hydrograph



Hydrograph for Subcatchment 3I: PDA-3 (impervious)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.05
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.05
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.05
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.05
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.05
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.05
5.50	0.27	0.12	0.03	8.10	0.47	0.29	0.05
5.55	0.28	0.13	0.03	8.15	0.48	0.30	0.05
5.60	0.28	0.13	0.03	8.20	0.48	0.30	0.05
5.65	0.28	0.13	0.03	8.25	0.49	0.30	0.05
5.70	0.29	0.13	0.03	8.30	0.49	0.31	0.05
5.75	0.29	0.14	0.03	8.35	0.49	0.31	0.05
5.80	0.29	0.14	0.03	8.40	0.50	0.32	0.05
5.85	0.30	0.14	0.03	8.45	0.50	0.32	0.05
5.90	0.30	0.14	0.03	8.50	0.51	0.33	0.05
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.05
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.05
6.05	0.31	0.15	0.03	8.65	0.53	0.34	0.06
6.10	0.31	0.15	0.03	8.70	0.53	0.35	0.06
6.15	0.31	0.16	0.03	8.75	0.54	0.35	0.06
6.20	0.32	0.16	0.03	8.80	0.54	0.36	0.06
6.25	0.32	0.16	0.03	8.85	0.55	0.36	0.06
6.30	0.32	0.17	0.03	8.90	0.55	0.36	0.06
6.35	0.33	0.17	0.03	8.95	0.56	0.37	0.06
6.40	0.33	0.17	0.03	9.00	0.56	0.37	0.06
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.06
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.06
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.06
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.06
6.65	0.35	0.19	0.04	9.25	0.59	0.40	0.06
6.70	0.35	0.19	0.04	9.30	0.60	0.41	0.07
6.75	0.36	0.19	0.04	9.35	0.60	0.41	0.07
6.80	0.36	0.19	0.04	9.40	0.61	0.42	0.07
6.85	0.36	0.20	0.04	9.45	0.62	0.43	0.07
6.90	0.37	0.20	0.04	9.50	0.62	0.43	0.07
6.95	0.37	0.20	0.04	9.55	0.63	0.44	0.07
7.00	0.38	0.21	0.04	9.60	0.64	0.45	0.08
7.05	0.38	0.21	0.04	9.65	0.65	0.45	0.08
7.10	0.38	0.21	0.04	9.70	0.65	0.46	0.08
7.15	0.39	0.22	0.04	9.75	0.66	0.47	0.08
7.20	0.39	0.22	0.04	9.80	0.67	0.47	0.08
7.25	0.40	0.23	0.04	9.85	0.68	0.48	0.09
7.30	0.40	0.23	0.04	9.90	0.69	0.49	0.09
7.35	0.40	0.23	0.04	9.95	0.69	0.50	0.09
7.40	0.41	0.24	0.04	10.00	0.70	0.51	0.09
7.45	0.41	0.24	0.04	10.05	0.71	0.51	0.09
7.50	0.42	0.24	0.04	10.10	0.72	0.52	0.09
7.55	0.42	0.25	0.04	10.15	0.73	0.53	0.10
7.60	0.43	0.25	0.04	10.20	0.74	0.54	0.10
7.65	0.43	0.25	0.05	10.25	0.75	0.55	0.10
7.70	0.43	0.26	0.05	10.30	0.76	0.56	0.10
7.75	0.44	0.26	0.05	10.35	0.76	0.56	0.10

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.10	13.00	2.93	2.69	0.23
10.45	0.78	0.58	0.11	13.05	2.94	2.71	0.22
10.50	0.79	0.59	0.11	13.10	2.96	2.73	0.21
10.55	0.80	0.60	0.11	13.15	2.97	2.74	0.20
10.60	0.82	0.61	0.11	13.20	2.98	2.75	0.19
10.65	0.83	0.62	0.12	13.25	3.00	2.77	0.18
10.70	0.84	0.64	0.12	13.30	3.01	2.78	0.17
10.75	0.85	0.65	0.13	13.35	3.02	2.79	0.16
10.80	0.87	0.66	0.14	13.40	3.03	2.80	0.16
10.85	0.88	0.67	0.14	13.45	3.05	2.81	0.15
10.90	0.89	0.69	0.15	13.50	3.06	2.82	0.14
10.95	0.91	0.70	0.16	13.55	3.07	2.83	0.14
11.00	0.92	0.72	0.16	13.60	3.08	2.84	0.13
11.05	0.94	0.73	0.17	13.65	3.09	2.85	0.12
11.10	0.96	0.75	0.18	13.70	3.09	2.86	0.12
11.15	0.98	0.77	0.19	13.75	3.10	2.87	0.12
11.20	1.00	0.79	0.20	13.80	3.11	2.88	0.11
11.25	1.02	0.81	0.21	13.85	3.12	2.89	0.11
11.30	1.04	0.83	0.22	13.90	3.13	2.90	0.11
11.35	1.06	0.85	0.24	13.95	3.14	2.91	0.11
11.40	1.09	0.88	0.25	14.00	3.15	2.92	0.11
11.45	1.11	0.90	0.26	14.05	3.16	2.92	0.10
11.50	1.14	0.92	0.27	14.10	3.16	2.93	0.10
11.55	1.18	0.96	0.29	14.15	3.17	2.94	0.10
11.60	1.22	1.00	0.33	14.20	3.18	2.95	0.10
11.65	1.26	1.04	0.38	14.25	3.19	2.96	0.10
11.70	1.30	1.08	0.43	14.30	3.20	2.96	0.10
11.75	1.35	1.14	0.46	14.35	3.20	2.97	0.09
11.80	1.41	1.19	0.51	14.40	3.21	2.98	0.09
11.85	1.49	1.27	0.58	14.45	3.22	2.99	0.09
11.90	1.57	1.34	0.68	14.50	3.23	2.99	0.09
11.95	1.70	1.48	0.81	14.55	3.23	3.00	0.09
12.00	1.83	1.61	1.02	14.60	3.24	3.01	0.09
12.05	2.06	1.83	1.30	14.65	3.25	3.01	0.08
12.10	2.28	2.06	1.69	14.70	3.25	3.02	0.08
12.15	2.36	2.13	2.05	14.75	3.26	3.03	0.08
12.20	2.44	2.21	2.00	14.80	3.26	3.03	0.08
12.25	2.50	2.27	1.58	14.85	3.27	3.04	0.08
12.30	2.55	2.32	1.19	14.90	3.28	3.04	0.08
12.35	2.59	2.36	0.94	14.95	3.28	3.05	0.07
12.40	2.63	2.40	0.76	15.00	3.29	3.05	0.07
12.45	2.67	2.44	0.63	15.05	3.29	3.06	0.07
12.50	2.71	2.48	0.55	15.10	3.30	3.07	0.07
12.55	2.74	2.51	0.50	15.15	3.30	3.07	0.07
12.60	2.76	2.53	0.45	15.20	3.31	3.08	0.07
12.65	2.79	2.56	0.38	15.25	3.31	3.08	0.06
12.70	2.81	2.58	0.34	15.30	3.32	3.09	0.06
12.75	2.83	2.60	0.31	15.35	3.32	3.09	0.06
12.80	2.85	2.62	0.29	15.40	3.33	3.10	0.06
12.85	2.87	2.64	0.27	15.45	3.34	3.10	0.06
12.90	2.89	2.66	0.26	15.50	3.34	3.11	0.06
12.95	2.91	2.68	0.25	15.55	3.35	3.11	0.06

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.06	18.20	3.56	3.32	0.04
15.65	3.36	3.12	0.06	18.25	3.56	3.33	0.04
15.70	3.36	3.13	0.06	18.30	3.56	3.33	0.04
15.75	3.36	3.13	0.06	18.35	3.57	3.33	0.04
15.80	3.37	3.14	0.06	18.40	3.57	3.34	0.04
15.85	3.37	3.14	0.06	18.45	3.57	3.34	0.04
15.90	3.38	3.15	0.06	18.50	3.58	3.34	0.04
15.95	3.38	3.15	0.06	18.55	3.58	3.34	0.04
16.00	3.39	3.16	0.06	18.60	3.58	3.35	0.04
16.05	3.39	3.16	0.06	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.06	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.06	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.06	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.06	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.05	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.05	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.05	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.05	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.05	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.05	19.15	3.61	3.38	0.03
16.60	3.44	3.21	0.05	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.05	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.05	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.05	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.05	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.05	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.05	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.05	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.05	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.05	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.05	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.05	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.05	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.05	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.05	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.04	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.04	20.00	3.66	3.43	0.03
17.45	3.51	3.27	0.04	20.05	3.66	3.43	0.03
17.50	3.51	3.28	0.04	20.10	3.67	3.43	0.03
17.55	3.52	3.28	0.04	20.15	3.67	3.44	0.03
17.60	3.52	3.28	0.04	20.20	3.67	3.44	0.03
17.65	3.52	3.29	0.04	20.25	3.68	3.44	0.03
17.70	3.53	3.29	0.04	20.30	3.68	3.44	0.03
17.75	3.53	3.30	0.04	20.35	3.68	3.45	0.03
17.80	3.53	3.30	0.04	20.40	3.68	3.45	0.03
17.85	3.54	3.30	0.04	20.45	3.69	3.45	0.03
17.90	3.54	3.30	0.04	20.50	3.69	3.45	0.03
17.95	3.54	3.31	0.04	20.55	3.69	3.46	0.03
18.00	3.54	3.31	0.04	20.60	3.69	3.46	0.03
18.05	3.55	3.31	0.04	20.65	3.70	3.46	0.03
18.10	3.55	3.32	0.04	20.70	3.70	3.46	0.03
18.15	3.55	3.32	0.04	20.75	3.70	3.47	0.03

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.03	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.03	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.03	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.03	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.03	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.03	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.03	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.03	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.03	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.03	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.03	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.03	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.03	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.03	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.03	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.03	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.03	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.03	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.03	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.03	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.03	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Summary for Subcatchment 3P: PDA-3 (pervious)

Runoff = 1.55 cfs @ 12.18 hrs, Volume= 0.119 af, Depth= 1.49"
 Routed to Pond B-3 : Basin #3

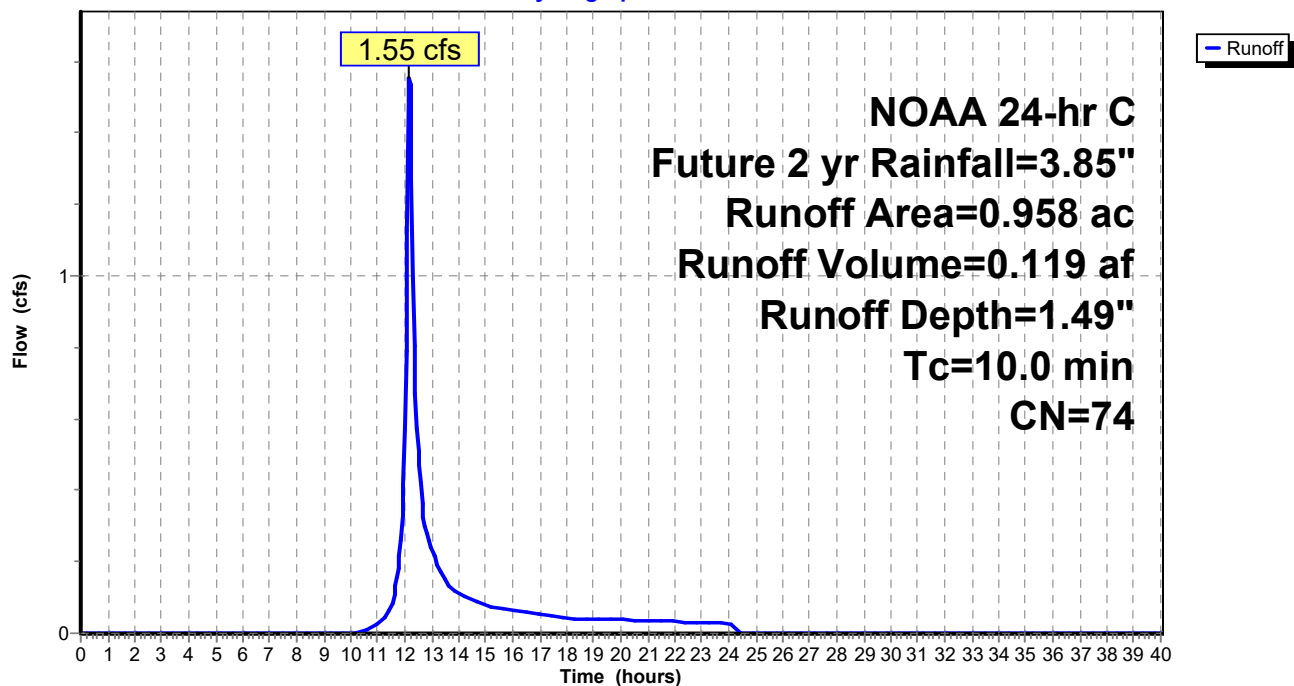
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.958	74	>75% Grass cover, Good, HSG C
0.958		100.00% Pervious Area

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

Subcatchment 3P: PDA-3 (pervious)

Hydrograph



Hydrograph for Subcatchment 3P: PDA-3 (pervious)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.23
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.22
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.21
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.20
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.19
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.18
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.17
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.17
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.16
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.15
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.15
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.14
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.13
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.13
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.12
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.12
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.12
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.12
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.11
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.11
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.11
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.11
11.50	1.14	0.05	0.08	14.10	3.16	1.01	0.11
11.55	1.18	0.06	0.09	14.15	3.17	1.02	0.11
11.60	1.22	0.07	0.11	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.13	14.25	3.19	1.03	0.10
11.70	1.30	0.09	0.16	14.30	3.20	1.03	0.10
11.75	1.35	0.10	0.18	14.35	3.20	1.04	0.10
11.80	1.41	0.12	0.22	14.40	3.21	1.04	0.10
11.85	1.49	0.14	0.26	14.45	3.22	1.05	0.10
11.90	1.57	0.17	0.33	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.42	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.57	14.60	3.24	1.06	0.09
12.05	2.06	0.38	0.79	14.65	3.25	1.07	0.09
12.10	2.28	0.49	1.13	14.70	3.25	1.07	0.09
12.15	2.36	0.53	1.49	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.54	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.27	14.85	3.27	1.08	0.08
12.30	2.55	0.64	0.99	14.90	3.28	1.09	0.08
12.35	2.59	0.66	0.81	14.95	3.28	1.09	0.08
12.40	2.63	0.69	0.67	15.00	3.29	1.10	0.08
12.45	2.67	0.71	0.57	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.51	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.47	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.42	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.37	15.25	3.31	1.11	0.07
12.70	2.81	0.79	0.32	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.30	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.28	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.27	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.26	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.24	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Summary for Subcatchment 4AI: PDA-4A (impervious)

Runoff = 3.00 cfs @ 12.17 hrs, Volume= 0.259 af, Depth= 3.62"
 Routed to Pond B-4A : Basin #4A

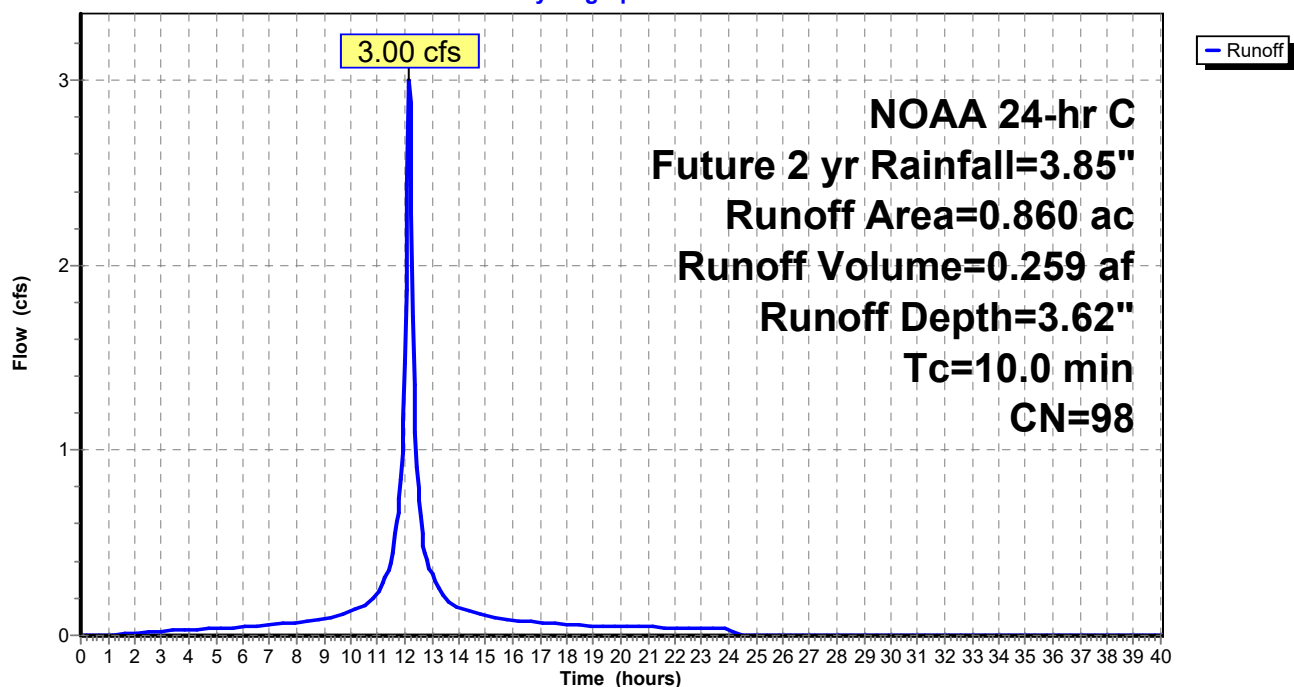
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4AI: PDA-4A (impervious)

Hydrograph



Hydrograph for Subcatchment 4AI: PDA-4A (impervious)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.12
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.13
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.14
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.15	13.00	2.93	2.69	0.34
10.45	0.78	0.58	0.15	13.05	2.94	2.71	0.32
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.30
10.55	0.80	0.60	0.16	13.15	2.97	2.74	0.28
10.60	0.82	0.61	0.16	13.20	2.98	2.75	0.27
10.65	0.83	0.62	0.17	13.25	3.00	2.77	0.26
10.70	0.84	0.64	0.18	13.30	3.01	2.78	0.25
10.75	0.85	0.65	0.19	13.35	3.02	2.79	0.24
10.80	0.87	0.66	0.20	13.40	3.03	2.80	0.23
10.85	0.88	0.67	0.21	13.45	3.05	2.81	0.22
10.90	0.89	0.69	0.22	13.50	3.06	2.82	0.21
10.95	0.91	0.70	0.23	13.55	3.07	2.83	0.20
11.00	0.92	0.72	0.24	13.60	3.08	2.84	0.19
11.05	0.94	0.73	0.25	13.65	3.09	2.85	0.18
11.10	0.96	0.75	0.26	13.70	3.09	2.86	0.17
11.15	0.98	0.77	0.27	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.29	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.31	13.85	3.12	2.89	0.16
11.30	1.04	0.83	0.32	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.34	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.36	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.38	14.05	3.16	2.92	0.15
11.50	1.14	0.92	0.39	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.42	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.47	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.55	14.25	3.19	2.96	0.14
11.70	1.30	1.08	0.61	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.66	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.74	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.84	14.45	3.22	2.99	0.13
11.90	1.57	1.34	0.98	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.17	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.47	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.87	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.43	14.70	3.25	3.02	0.12
12.15	2.36	2.13	2.96	14.75	3.26	3.03	0.12
12.20	2.44	2.21	2.88	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.28	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.72	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.35	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.09	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.91	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.80	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.73	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.64	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.55	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.48	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.44	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.42	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.39	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.37	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.36	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Summary for Subcatchment 4AP: PDA-4A (pervious)

Runoff = 2.39 cfs @ 12.18 hrs, Volume= 0.182 af, Depth= 1.49"
 Routed to Pond B-4A : Basin #4A

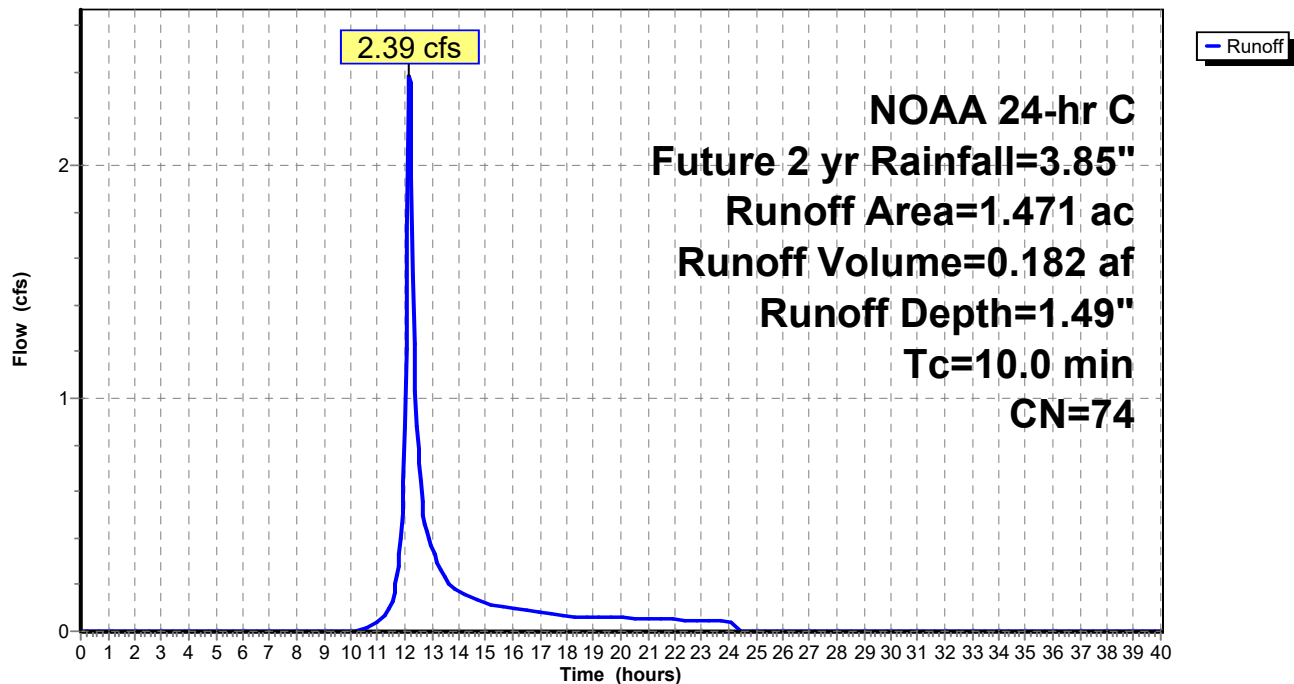
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4AP: PDA-4A (pervious)

Hydrograph



Hydrograph for Subcatchment 4AP: PDA-4A (pervious)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.36
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.34
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.32
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.30
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.29
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.28
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.27
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.26
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.25
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.24
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.23
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.22
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.21
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.20
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.19
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.19
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.18
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.18
11.30	1.04	0.03	0.08	13.90	3.13	0.99	0.18
11.35	1.06	0.03	0.09	13.95	3.14	1.00	0.17
11.40	1.09	0.04	0.10	14.00	3.15	1.00	0.17
11.45	1.11	0.04	0.11	14.05	3.16	1.01	0.17
11.50	1.14	0.05	0.12	14.10	3.16	1.01	0.17
11.55	1.18	0.06	0.14	14.15	3.17	1.02	0.16
11.60	1.22	0.07	0.17	14.20	3.18	1.02	0.16
11.65	1.26	0.08	0.21	14.25	3.19	1.03	0.16
11.70	1.30	0.09	0.24	14.30	3.20	1.03	0.16
11.75	1.35	0.10	0.28	14.35	3.20	1.04	0.15
11.80	1.41	0.12	0.33	14.40	3.21	1.04	0.15
11.85	1.49	0.14	0.40	14.45	3.22	1.05	0.15
11.90	1.57	0.17	0.50	14.50	3.23	1.05	0.15
11.95	1.70	0.22	0.64	14.55	3.23	1.06	0.14
12.00	1.83	0.28	0.87	14.60	3.24	1.06	0.14
12.05	2.06	0.38	1.21	14.65	3.25	1.07	0.14
12.10	2.28	0.49	1.73	14.70	3.25	1.07	0.13
12.15	2.36	0.53	2.29	14.75	3.26	1.08	0.13
12.20	2.44	0.57	2.36	14.80	3.26	1.08	0.13
12.25	2.50	0.61	1.95	14.85	3.27	1.08	0.13
12.30	2.55	0.64	1.53	14.90	3.28	1.09	0.12
12.35	2.59	0.66	1.24	14.95	3.28	1.09	0.12
12.40	2.63	0.69	1.03	15.00	3.29	1.10	0.12
12.45	2.67	0.71	0.88	15.05	3.29	1.10	0.12
12.50	2.71	0.73	0.78	15.10	3.30	1.10	0.11
12.55	2.74	0.75	0.72	15.15	3.30	1.11	0.11
12.60	2.76	0.76	0.65	15.20	3.31	1.11	0.11
12.65	2.79	0.78	0.56	15.25	3.31	1.11	0.11
12.70	2.81	0.79	0.50	15.30	3.32	1.12	0.11
12.75	2.83	0.80	0.46	15.35	3.32	1.12	0.11
12.80	2.85	0.82	0.43	15.40	3.33	1.12	0.10
12.85	2.87	0.83	0.41	15.45	3.34	1.13	0.10
12.90	2.89	0.84	0.39	15.50	3.34	1.13	0.10
12.95	2.91	0.85	0.37	15.55	3.35	1.13	0.10

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.10	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.10	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.10	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.10	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.10	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.10	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.10	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.10	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.10	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.09	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.09	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.09	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.09	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.09	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.09	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.09	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.09	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.09	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.09	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.09	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.09	19.25	3.62	1.32	0.06
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.06
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.06
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.06
16.85	3.46	1.21	0.08	19.45	3.63	1.33	0.06
16.90	3.47	1.22	0.08	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.08	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.08	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.08	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.08	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.08	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.08	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.08	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.07	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.07	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.07	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.04
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Summary for Subcatchment 4BI: PDA-4B (impervious)

Runoff = 3.00 cfs @ 12.17 hrs, Volume= 0.259 af, Depth= 3.62"
Routed to Pond B-4B : Basin #4B

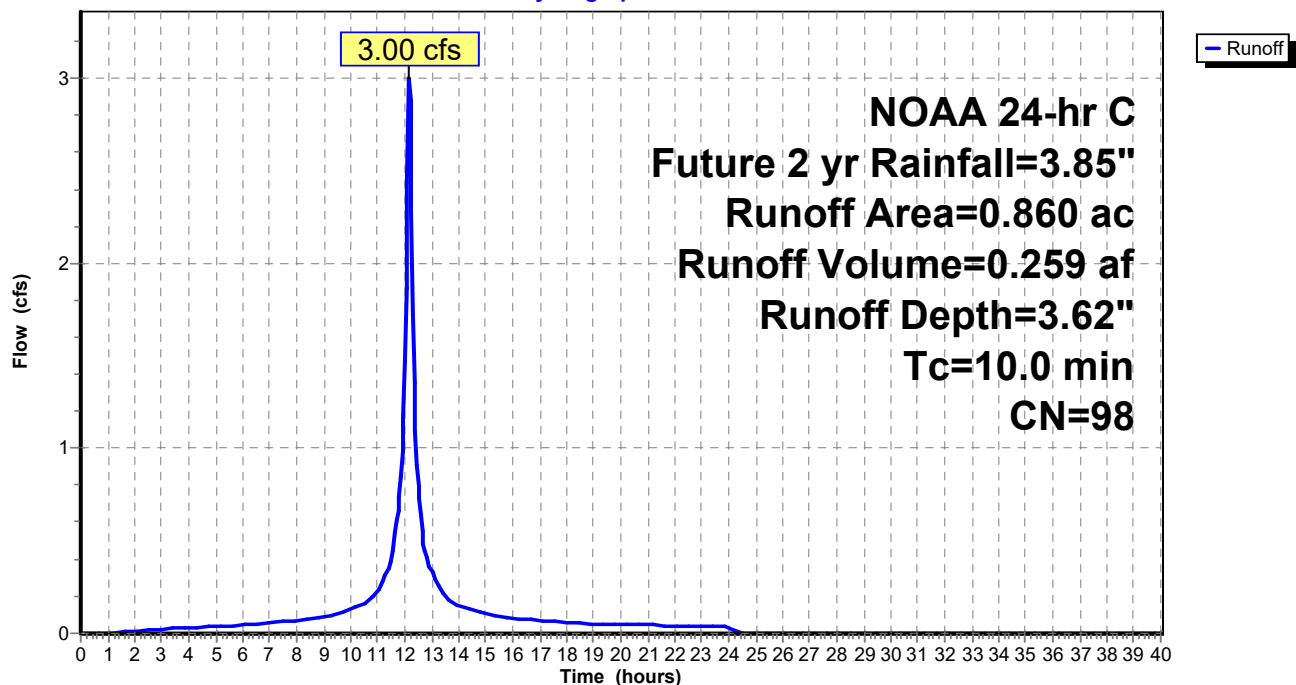
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4BI: PDA-4B (impervious)

Hydrograph



Hydrograph for Subcatchment 4BI: PDA-4B (impervious)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.12
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.13
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.14
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.15	13.00	2.93	2.69	0.34
10.45	0.78	0.58	0.15	13.05	2.94	2.71	0.32
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.30
10.55	0.80	0.60	0.16	13.15	2.97	2.74	0.28
10.60	0.82	0.61	0.16	13.20	2.98	2.75	0.27
10.65	0.83	0.62	0.17	13.25	3.00	2.77	0.26
10.70	0.84	0.64	0.18	13.30	3.01	2.78	0.25
10.75	0.85	0.65	0.19	13.35	3.02	2.79	0.24
10.80	0.87	0.66	0.20	13.40	3.03	2.80	0.23
10.85	0.88	0.67	0.21	13.45	3.05	2.81	0.22
10.90	0.89	0.69	0.22	13.50	3.06	2.82	0.21
10.95	0.91	0.70	0.23	13.55	3.07	2.83	0.20
11.00	0.92	0.72	0.24	13.60	3.08	2.84	0.19
11.05	0.94	0.73	0.25	13.65	3.09	2.85	0.18
11.10	0.96	0.75	0.26	13.70	3.09	2.86	0.17
11.15	0.98	0.77	0.27	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.29	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.31	13.85	3.12	2.89	0.16
11.30	1.04	0.83	0.32	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.34	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.36	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.38	14.05	3.16	2.92	0.15
11.50	1.14	0.92	0.39	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.42	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.47	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.55	14.25	3.19	2.96	0.14
11.70	1.30	1.08	0.61	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.66	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.74	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.84	14.45	3.22	2.99	0.13
11.90	1.57	1.34	0.98	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.17	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.47	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.87	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.43	14.70	3.25	3.02	0.12
12.15	2.36	2.13	2.96	14.75	3.26	3.03	0.12
12.20	2.44	2.21	2.88	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.28	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.72	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.35	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.09	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.91	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.80	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.73	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.64	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.55	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.48	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.44	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.42	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.39	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.37	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.36	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Summary for Subcatchment 4BP: PDA-4B (pervious)

Runoff = 2.39 cfs @ 12.18 hrs, Volume= 0.182 af, Depth= 1.49"
Routed to Pond B-4B : Basin #4B

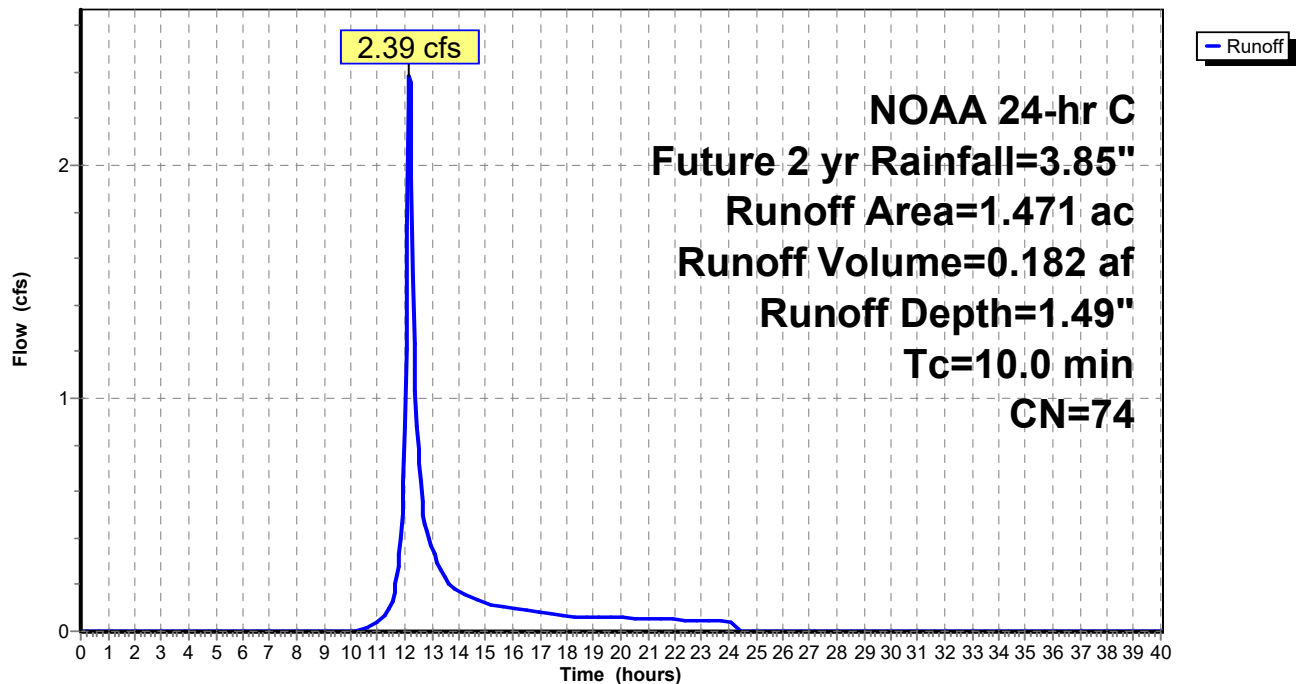
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4BP: PDA-4B (pervious)

Hydrograph



Hydrograph for Subcatchment 4BP: PDA-4B (pervious)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.36
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.34
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.32
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.30
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.29
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.28
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.27
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.26
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.25
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.24
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.23
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.22
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.21
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.20
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.19
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.19
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.18
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.18
11.30	1.04	0.03	0.08	13.90	3.13	0.99	0.18
11.35	1.06	0.03	0.09	13.95	3.14	1.00	0.17
11.40	1.09	0.04	0.10	14.00	3.15	1.00	0.17
11.45	1.11	0.04	0.11	14.05	3.16	1.01	0.17
11.50	1.14	0.05	0.12	14.10	3.16	1.01	0.17
11.55	1.18	0.06	0.14	14.15	3.17	1.02	0.16
11.60	1.22	0.07	0.17	14.20	3.18	1.02	0.16
11.65	1.26	0.08	0.21	14.25	3.19	1.03	0.16
11.70	1.30	0.09	0.24	14.30	3.20	1.03	0.16
11.75	1.35	0.10	0.28	14.35	3.20	1.04	0.15
11.80	1.41	0.12	0.33	14.40	3.21	1.04	0.15
11.85	1.49	0.14	0.40	14.45	3.22	1.05	0.15
11.90	1.57	0.17	0.50	14.50	3.23	1.05	0.15
11.95	1.70	0.22	0.64	14.55	3.23	1.06	0.14
12.00	1.83	0.28	0.87	14.60	3.24	1.06	0.14
12.05	2.06	0.38	1.21	14.65	3.25	1.07	0.14
12.10	2.28	0.49	1.73	14.70	3.25	1.07	0.13
12.15	2.36	0.53	2.29	14.75	3.26	1.08	0.13
12.20	2.44	0.57	2.36	14.80	3.26	1.08	0.13
12.25	2.50	0.61	1.95	14.85	3.27	1.08	0.13
12.30	2.55	0.64	1.53	14.90	3.28	1.09	0.12
12.35	2.59	0.66	1.24	14.95	3.28	1.09	0.12
12.40	2.63	0.69	1.03	15.00	3.29	1.10	0.12
12.45	2.67	0.71	0.88	15.05	3.29	1.10	0.12
12.50	2.71	0.73	0.78	15.10	3.30	1.10	0.11
12.55	2.74	0.75	0.72	15.15	3.30	1.11	0.11
12.60	2.76	0.76	0.65	15.20	3.31	1.11	0.11
12.65	2.79	0.78	0.56	15.25	3.31	1.11	0.11
12.70	2.81	0.79	0.50	15.30	3.32	1.12	0.11
12.75	2.83	0.80	0.46	15.35	3.32	1.12	0.11
12.80	2.85	0.82	0.43	15.40	3.33	1.12	0.10
12.85	2.87	0.83	0.41	15.45	3.34	1.13	0.10
12.90	2.89	0.84	0.39	15.50	3.34	1.13	0.10
12.95	2.91	0.85	0.37	15.55	3.35	1.13	0.10

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.10	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.10	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.10	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.10	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.10	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.10	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.10	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.10	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.10	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.09	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.09	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.09	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.09	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.09	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.09	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.09	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.09	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.09	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.09	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.09	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.09	19.25	3.62	1.32	0.06
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.06
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.06
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.06
16.85	3.46	1.21	0.08	19.45	3.63	1.33	0.06
16.90	3.47	1.22	0.08	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.08	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.08	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.08	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.08	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.08	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.08	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.08	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.07	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.07	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.07	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.04
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Summary for Subcatchment 5I: PDA-5 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-5 : Basin #5

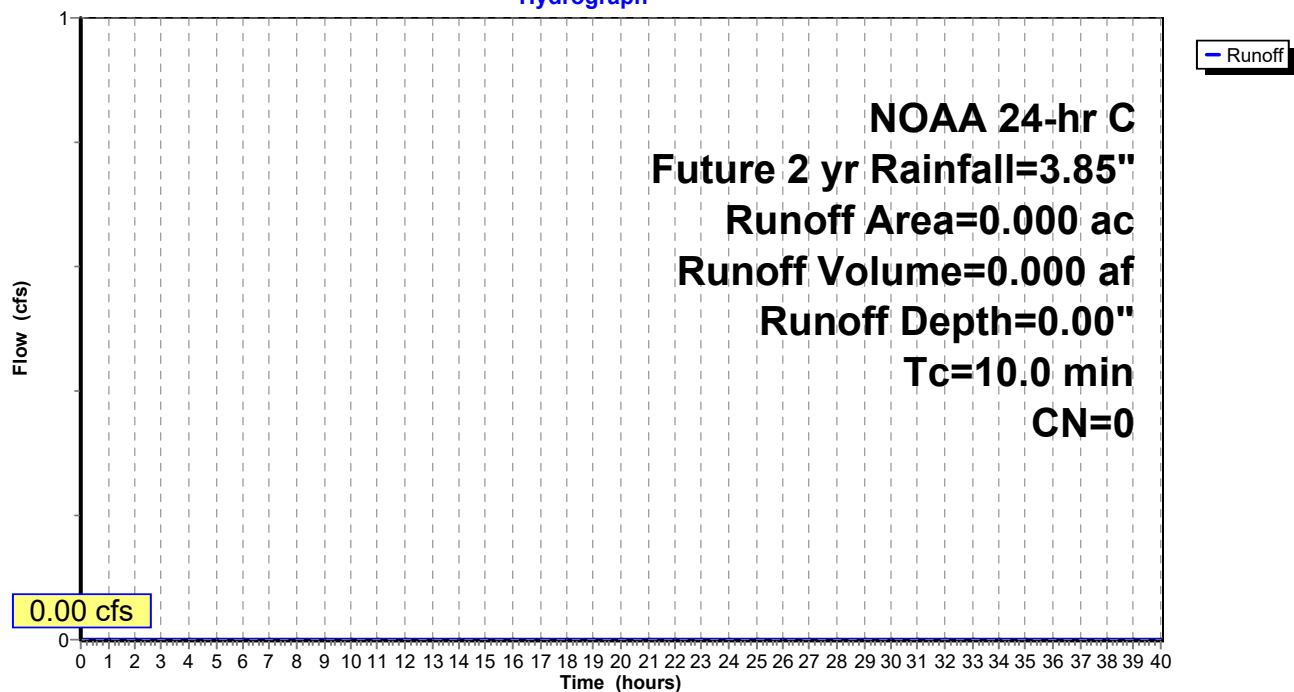
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 5I: PDA-5 (impervious)

Hydrograph



Hydrograph for Subcatchment 5I: PDA-5 (impervious)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.00	0.00
10.45	0.78	0.00	0.00	13.05	2.94	0.00	0.00
10.50	0.79	0.00	0.00	13.10	2.96	0.00	0.00
10.55	0.80	0.00	0.00	13.15	2.97	0.00	0.00
10.60	0.82	0.00	0.00	13.20	2.98	0.00	0.00
10.65	0.83	0.00	0.00	13.25	3.00	0.00	0.00
10.70	0.84	0.00	0.00	13.30	3.01	0.00	0.00
10.75	0.85	0.00	0.00	13.35	3.02	0.00	0.00
10.80	0.87	0.00	0.00	13.40	3.03	0.00	0.00
10.85	0.88	0.00	0.00	13.45	3.05	0.00	0.00
10.90	0.89	0.00	0.00	13.50	3.06	0.00	0.00
10.95	0.91	0.00	0.00	13.55	3.07	0.00	0.00
11.00	0.92	0.00	0.00	13.60	3.08	0.00	0.00
11.05	0.94	0.00	0.00	13.65	3.09	0.00	0.00
11.10	0.96	0.00	0.00	13.70	3.09	0.00	0.00
11.15	0.98	0.00	0.00	13.75	3.10	0.00	0.00
11.20	1.00	0.00	0.00	13.80	3.11	0.00	0.00
11.25	1.02	0.00	0.00	13.85	3.12	0.00	0.00
11.30	1.04	0.00	0.00	13.90	3.13	0.00	0.00
11.35	1.06	0.00	0.00	13.95	3.14	0.00	0.00
11.40	1.09	0.00	0.00	14.00	3.15	0.00	0.00
11.45	1.11	0.00	0.00	14.05	3.16	0.00	0.00
11.50	1.14	0.00	0.00	14.10	3.16	0.00	0.00
11.55	1.18	0.00	0.00	14.15	3.17	0.00	0.00
11.60	1.22	0.00	0.00	14.20	3.18	0.00	0.00
11.65	1.26	0.00	0.00	14.25	3.19	0.00	0.00
11.70	1.30	0.00	0.00	14.30	3.20	0.00	0.00
11.75	1.35	0.00	0.00	14.35	3.20	0.00	0.00
11.80	1.41	0.00	0.00	14.40	3.21	0.00	0.00
11.85	1.49	0.00	0.00	14.45	3.22	0.00	0.00
11.90	1.57	0.00	0.00	14.50	3.23	0.00	0.00
11.95	1.70	0.00	0.00	14.55	3.23	0.00	0.00
12.00	1.83	0.00	0.00	14.60	3.24	0.00	0.00
12.05	2.06	0.00	0.00	14.65	3.25	0.00	0.00
12.10	2.28	0.00	0.00	14.70	3.25	0.00	0.00
12.15	2.36	0.00	0.00	14.75	3.26	0.00	0.00
12.20	2.44	0.00	0.00	14.80	3.26	0.00	0.00
12.25	2.50	0.00	0.00	14.85	3.27	0.00	0.00
12.30	2.55	0.00	0.00	14.90	3.28	0.00	0.00
12.35	2.59	0.00	0.00	14.95	3.28	0.00	0.00
12.40	2.63	0.00	0.00	15.00	3.29	0.00	0.00
12.45	2.67	0.00	0.00	15.05	3.29	0.00	0.00
12.50	2.71	0.00	0.00	15.10	3.30	0.00	0.00
12.55	2.74	0.00	0.00	15.15	3.30	0.00	0.00
12.60	2.76	0.00	0.00	15.20	3.31	0.00	0.00
12.65	2.79	0.00	0.00	15.25	3.31	0.00	0.00
12.70	2.81	0.00	0.00	15.30	3.32	0.00	0.00
12.75	2.83	0.00	0.00	15.35	3.32	0.00	0.00
12.80	2.85	0.00	0.00	15.40	3.33	0.00	0.00
12.85	2.87	0.00	0.00	15.45	3.34	0.00	0.00
12.90	2.89	0.00	0.00	15.50	3.34	0.00	0.00
12.95	2.91	0.00	0.00	15.55	3.35	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	0.00	0.00	18.20	3.56	0.00	0.00
15.65	3.36	0.00	0.00	18.25	3.56	0.00	0.00
15.70	3.36	0.00	0.00	18.30	3.56	0.00	0.00
15.75	3.36	0.00	0.00	18.35	3.57	0.00	0.00
15.80	3.37	0.00	0.00	18.40	3.57	0.00	0.00
15.85	3.37	0.00	0.00	18.45	3.57	0.00	0.00
15.90	3.38	0.00	0.00	18.50	3.58	0.00	0.00
15.95	3.38	0.00	0.00	18.55	3.58	0.00	0.00
16.00	3.39	0.00	0.00	18.60	3.58	0.00	0.00
16.05	3.39	0.00	0.00	18.65	3.58	0.00	0.00
16.10	3.40	0.00	0.00	18.70	3.59	0.00	0.00
16.15	3.40	0.00	0.00	18.75	3.59	0.00	0.00
16.20	3.41	0.00	0.00	18.80	3.59	0.00	0.00
16.25	3.41	0.00	0.00	18.85	3.60	0.00	0.00
16.30	3.42	0.00	0.00	18.90	3.60	0.00	0.00
16.35	3.42	0.00	0.00	18.95	3.60	0.00	0.00
16.40	3.42	0.00	0.00	19.00	3.61	0.00	0.00
16.45	3.43	0.00	0.00	19.05	3.61	0.00	0.00
16.50	3.43	0.00	0.00	19.10	3.61	0.00	0.00
16.55	3.44	0.00	0.00	19.15	3.61	0.00	0.00
16.60	3.44	0.00	0.00	19.20	3.62	0.00	0.00
16.65	3.45	0.00	0.00	19.25	3.62	0.00	0.00
16.70	3.45	0.00	0.00	19.30	3.62	0.00	0.00
16.75	3.45	0.00	0.00	19.35	3.63	0.00	0.00
16.80	3.46	0.00	0.00	19.40	3.63	0.00	0.00
16.85	3.46	0.00	0.00	19.45	3.63	0.00	0.00
16.90	3.47	0.00	0.00	19.50	3.63	0.00	0.00
16.95	3.47	0.00	0.00	19.55	3.64	0.00	0.00
17.00	3.47	0.00	0.00	19.60	3.64	0.00	0.00
17.05	3.48	0.00	0.00	19.65	3.64	0.00	0.00
17.10	3.48	0.00	0.00	19.70	3.65	0.00	0.00
17.15	3.49	0.00	0.00	19.75	3.65	0.00	0.00
17.20	3.49	0.00	0.00	19.80	3.65	0.00	0.00
17.25	3.49	0.00	0.00	19.85	3.65	0.00	0.00
17.30	3.50	0.00	0.00	19.90	3.66	0.00	0.00
17.35	3.50	0.00	0.00	19.95	3.66	0.00	0.00
17.40	3.50	0.00	0.00	20.00	3.66	0.00	0.00
17.45	3.51	0.00	0.00	20.05	3.66	0.00	0.00
17.50	3.51	0.00	0.00	20.10	3.67	0.00	0.00
17.55	3.52	0.00	0.00	20.15	3.67	0.00	0.00
17.60	3.52	0.00	0.00	20.20	3.67	0.00	0.00
17.65	3.52	0.00	0.00	20.25	3.68	0.00	0.00
17.70	3.53	0.00	0.00	20.30	3.68	0.00	0.00
17.75	3.53	0.00	0.00	20.35	3.68	0.00	0.00
17.80	3.53	0.00	0.00	20.40	3.68	0.00	0.00
17.85	3.54	0.00	0.00	20.45	3.69	0.00	0.00
17.90	3.54	0.00	0.00	20.50	3.69	0.00	0.00
17.95	3.54	0.00	0.00	20.55	3.69	0.00	0.00
18.00	3.54	0.00	0.00	20.60	3.69	0.00	0.00
18.05	3.55	0.00	0.00	20.65	3.70	0.00	0.00
18.10	3.55	0.00	0.00	20.70	3.70	0.00	0.00
18.15	3.55	0.00	0.00	20.75	3.70	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Summary for Subcatchment 5P: PDA-5 (pervious)

Runoff = 1.10 cfs @ 12.18 hrs, Volume= 0.084 af, Depth= 1.49"
 Routed to Pond B-5 : Basin #5

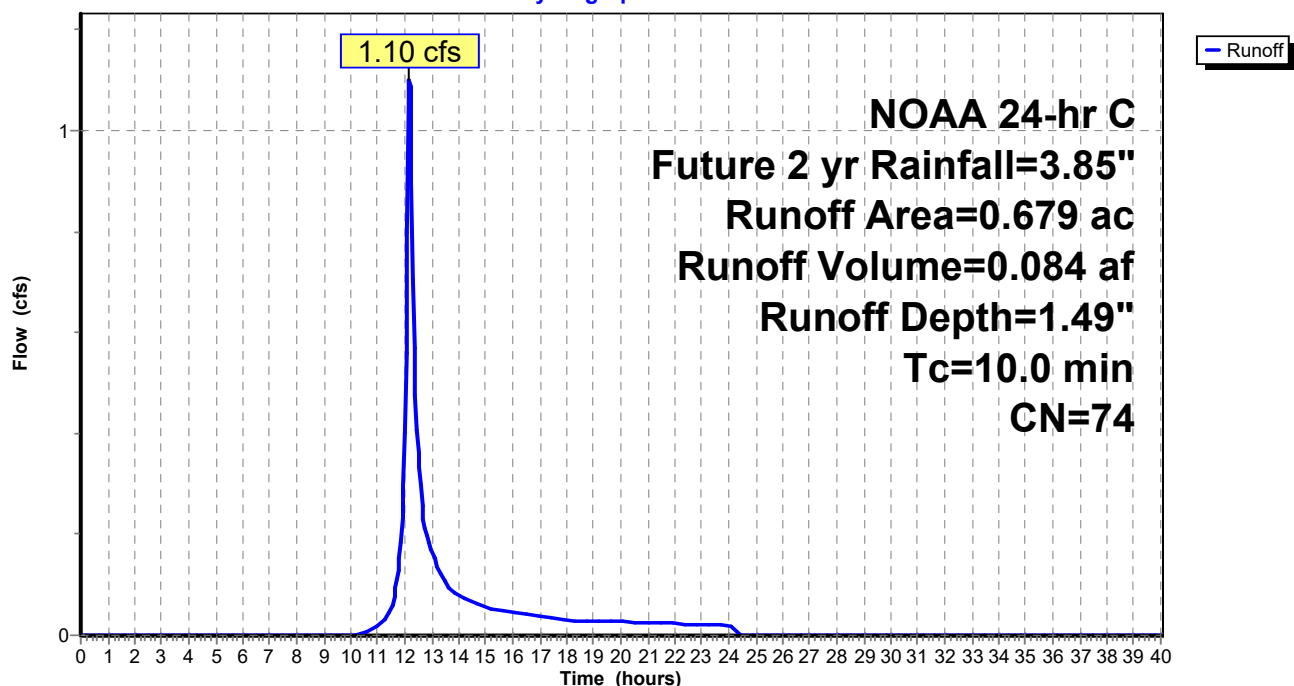
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.679	74	>75% Grass cover, Good, HSG C
0.679		100.00% Pervious Area

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

Subcatchment 5P: PDA-5 (pervious)

Hydrograph



Hydrograph for Subcatchment 5P: PDA-5 (pervious)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.16
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.16
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.15
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.14
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.13
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.13
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.12
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.12
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.11
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.11
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.10
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.10
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.10
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.09
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.09
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.09
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.08
11.25	1.02	0.03	0.03	13.85	3.12	0.99	0.08
11.30	1.04	0.03	0.04	13.90	3.13	0.99	0.08
11.35	1.06	0.03	0.04	13.95	3.14	1.00	0.08
11.40	1.09	0.04	0.05	14.00	3.15	1.00	0.08
11.45	1.11	0.04	0.05	14.05	3.16	1.01	0.08
11.50	1.14	0.05	0.06	14.10	3.16	1.01	0.08
11.55	1.18	0.06	0.06	14.15	3.17	1.02	0.08
11.60	1.22	0.07	0.08	14.20	3.18	1.02	0.07
11.65	1.26	0.08	0.10	14.25	3.19	1.03	0.07
11.70	1.30	0.09	0.11	14.30	3.20	1.03	0.07
11.75	1.35	0.10	0.13	14.35	3.20	1.04	0.07
11.80	1.41	0.12	0.15	14.40	3.21	1.04	0.07
11.85	1.49	0.14	0.19	14.45	3.22	1.05	0.07
11.90	1.57	0.17	0.23	14.50	3.23	1.05	0.07
11.95	1.70	0.22	0.30	14.55	3.23	1.06	0.07
12.00	1.83	0.28	0.40	14.60	3.24	1.06	0.06
12.05	2.06	0.38	0.56	14.65	3.25	1.07	0.06
12.10	2.28	0.49	0.80	14.70	3.25	1.07	0.06
12.15	2.36	0.53	1.06	14.75	3.26	1.08	0.06
12.20	2.44	0.57	1.09	14.80	3.26	1.08	0.06
12.25	2.50	0.61	0.90	14.85	3.27	1.08	0.06
12.30	2.55	0.64	0.70	14.90	3.28	1.09	0.06
12.35	2.59	0.66	0.57	14.95	3.28	1.09	0.06
12.40	2.63	0.69	0.48	15.00	3.29	1.10	0.05
12.45	2.67	0.71	0.41	15.05	3.29	1.10	0.05
12.50	2.71	0.73	0.36	15.10	3.30	1.10	0.05
12.55	2.74	0.75	0.33	15.15	3.30	1.11	0.05
12.60	2.76	0.76	0.30	15.20	3.31	1.11	0.05
12.65	2.79	0.78	0.26	15.25	3.31	1.11	0.05
12.70	2.81	0.79	0.23	15.30	3.32	1.12	0.05
12.75	2.83	0.80	0.21	15.35	3.32	1.12	0.05
12.80	2.85	0.82	0.20	15.40	3.33	1.12	0.05
12.85	2.87	0.83	0.19	15.45	3.34	1.13	0.05
12.90	2.89	0.84	0.18	15.50	3.34	1.13	0.05
12.95	2.91	0.85	0.17	15.55	3.35	1.13	0.05

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.05	18.20	3.56	1.28	0.03
15.65	3.36	1.14	0.05	18.25	3.56	1.28	0.03
15.70	3.36	1.14	0.05	18.30	3.56	1.28	0.03
15.75	3.36	1.15	0.05	18.35	3.57	1.29	0.03
15.80	3.37	1.15	0.05	18.40	3.57	1.29	0.03
15.85	3.37	1.15	0.05	18.45	3.57	1.29	0.03
15.90	3.38	1.16	0.05	18.50	3.58	1.29	0.03
15.95	3.38	1.16	0.04	18.55	3.58	1.29	0.03
16.00	3.39	1.16	0.04	18.60	3.58	1.30	0.03
16.05	3.39	1.17	0.04	18.65	3.58	1.30	0.03
16.10	3.40	1.17	0.04	18.70	3.59	1.30	0.03
16.15	3.40	1.17	0.04	18.75	3.59	1.30	0.03
16.20	3.41	1.18	0.04	18.80	3.59	1.30	0.03
16.25	3.41	1.18	0.04	18.85	3.60	1.31	0.03
16.30	3.42	1.18	0.04	18.90	3.60	1.31	0.03
16.35	3.42	1.19	0.04	18.95	3.60	1.31	0.03
16.40	3.42	1.19	0.04	19.00	3.61	1.31	0.03
16.45	3.43	1.19	0.04	19.05	3.61	1.32	0.03
16.50	3.43	1.19	0.04	19.10	3.61	1.32	0.03
16.55	3.44	1.20	0.04	19.15	3.61	1.32	0.03
16.60	3.44	1.20	0.04	19.20	3.62	1.32	0.03
16.65	3.45	1.20	0.04	19.25	3.62	1.32	0.03
16.70	3.45	1.21	0.04	19.30	3.62	1.33	0.03
16.75	3.45	1.21	0.04	19.35	3.63	1.33	0.03
16.80	3.46	1.21	0.04	19.40	3.63	1.33	0.03
16.85	3.46	1.21	0.04	19.45	3.63	1.33	0.03
16.90	3.47	1.22	0.04	19.50	3.63	1.33	0.03
16.95	3.47	1.22	0.04	19.55	3.64	1.34	0.03
17.00	3.47	1.22	0.04	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.04	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.04	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.04	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.04	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.04	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.04	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.04	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.03	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.03	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.03	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.03	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.03	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.03	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.03	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.03	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.03	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.03	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.03	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.03	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.03	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.03	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.03	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.03	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Summary for Subcatchment 6I: PDA-6 (impervious)

Runoff = 2.42 cfs @ 12.17 hrs, Volume= 0.209 af, Depth= 3.62"
 Routed to Pond B-6 : Basin #6

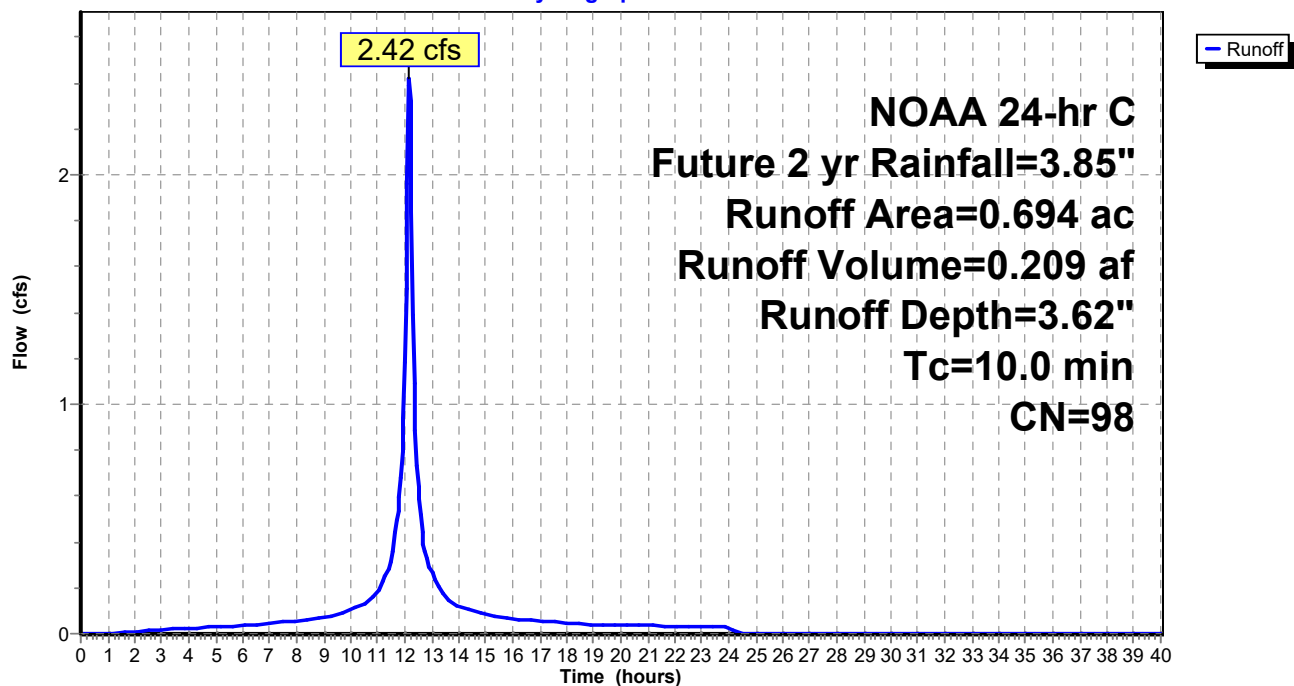
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.459	98	Pavement, HSG C
* 0.129	98	Roof, HSG C
* 0.106	98	Concrete, HSG C
0.694	98	Weighted Average
0.694		100.00% Impervious Area

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

Subcatchment 6I: PDA-6 (impervious)

Hydrograph



Hydrograph for Subcatchment 6I: PDA-6 (impervious)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.05
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.05
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.06
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.06
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.06
5.50	0.27	0.12	0.03	8.10	0.47	0.29	0.06
5.55	0.28	0.13	0.03	8.15	0.48	0.30	0.06
5.60	0.28	0.13	0.03	8.20	0.48	0.30	0.06
5.65	0.28	0.13	0.03	8.25	0.49	0.30	0.06
5.70	0.29	0.13	0.03	8.30	0.49	0.31	0.06
5.75	0.29	0.14	0.03	8.35	0.49	0.31	0.06
5.80	0.29	0.14	0.03	8.40	0.50	0.32	0.06
5.85	0.30	0.14	0.03	8.45	0.50	0.32	0.06
5.90	0.30	0.14	0.03	8.50	0.51	0.33	0.06
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.06
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.06
6.05	0.31	0.15	0.03	8.65	0.53	0.34	0.06
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.06
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.07
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.07
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.07
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.07
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.07
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.07
6.45	0.33	0.17	0.04	9.05	0.57	0.38	0.07
6.50	0.34	0.18	0.04	9.10	0.57	0.39	0.07
6.55	0.34	0.18	0.04	9.15	0.58	0.39	0.07
6.60	0.35	0.18	0.04	9.20	0.59	0.40	0.07
6.65	0.35	0.19	0.04	9.25	0.59	0.40	0.08
6.70	0.35	0.19	0.04	9.30	0.60	0.41	0.08
6.75	0.36	0.19	0.04	9.35	0.60	0.41	0.08
6.80	0.36	0.19	0.04	9.40	0.61	0.42	0.08
6.85	0.36	0.20	0.04	9.45	0.62	0.43	0.08
6.90	0.37	0.20	0.04	9.50	0.62	0.43	0.09
6.95	0.37	0.20	0.04	9.55	0.63	0.44	0.09
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.09
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.09
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.09
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.10
7.20	0.39	0.22	0.05	9.80	0.67	0.47	0.10
7.25	0.40	0.23	0.05	9.85	0.68	0.48	0.10
7.30	0.40	0.23	0.05	9.90	0.69	0.49	0.10
7.35	0.40	0.23	0.05	9.95	0.69	0.50	0.10
7.40	0.41	0.24	0.05	10.00	0.70	0.51	0.11
7.45	0.41	0.24	0.05	10.05	0.71	0.51	0.11
7.50	0.42	0.24	0.05	10.10	0.72	0.52	0.11
7.55	0.42	0.25	0.05	10.15	0.73	0.53	0.11
7.60	0.43	0.25	0.05	10.20	0.74	0.54	0.11
7.65	0.43	0.25	0.05	10.25	0.75	0.55	0.12
7.70	0.43	0.26	0.05	10.30	0.76	0.56	0.12
7.75	0.44	0.26	0.05	10.35	0.76	0.56	0.12

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.12	13.00	2.93	2.69	0.27
10.45	0.78	0.58	0.12	13.05	2.94	2.71	0.26
10.50	0.79	0.59	0.13	13.10	2.96	2.73	0.24
10.55	0.80	0.60	0.13	13.15	2.97	2.74	0.23
10.60	0.82	0.61	0.13	13.20	2.98	2.75	0.22
10.65	0.83	0.62	0.14	13.25	3.00	2.77	0.21
10.70	0.84	0.64	0.14	13.30	3.01	2.78	0.20
10.75	0.85	0.65	0.15	13.35	3.02	2.79	0.19
10.80	0.87	0.66	0.16	13.40	3.03	2.80	0.18
10.85	0.88	0.67	0.17	13.45	3.05	2.81	0.17
10.90	0.89	0.69	0.17	13.50	3.06	2.82	0.17
10.95	0.91	0.70	0.18	13.55	3.07	2.83	0.16
11.00	0.92	0.72	0.19	13.60	3.08	2.84	0.15
11.05	0.94	0.73	0.20	13.65	3.09	2.85	0.14
11.10	0.96	0.75	0.21	13.70	3.09	2.86	0.14
11.15	0.98	0.77	0.22	13.75	3.10	2.87	0.14
11.20	1.00	0.79	0.23	13.80	3.11	2.88	0.13
11.25	1.02	0.81	0.25	13.85	3.12	2.89	0.13
11.30	1.04	0.83	0.26	13.90	3.13	2.90	0.13
11.35	1.06	0.85	0.28	13.95	3.14	2.91	0.13
11.40	1.09	0.88	0.29	14.00	3.15	2.92	0.12
11.45	1.11	0.90	0.30	14.05	3.16	2.92	0.12
11.50	1.14	0.92	0.32	14.10	3.16	2.93	0.12
11.55	1.18	0.96	0.34	14.15	3.17	2.94	0.12
11.60	1.22	1.00	0.38	14.20	3.18	2.95	0.12
11.65	1.26	1.04	0.44	14.25	3.19	2.96	0.11
11.70	1.30	1.08	0.50	14.30	3.20	2.96	0.11
11.75	1.35	1.14	0.54	14.35	3.20	2.97	0.11
11.80	1.41	1.19	0.59	14.40	3.21	2.98	0.11
11.85	1.49	1.27	0.68	14.45	3.22	2.99	0.11
11.90	1.57	1.34	0.79	14.50	3.23	2.99	0.10
11.95	1.70	1.48	0.94	14.55	3.23	3.00	0.10
12.00	1.83	1.61	1.18	14.60	3.24	3.01	0.10
12.05	2.06	1.83	1.51	14.65	3.25	3.01	0.10
12.10	2.28	2.06	1.96	14.70	3.25	3.02	0.10
12.15	2.36	2.13	2.39	14.75	3.26	3.03	0.09
12.20	2.44	2.21	2.33	14.80	3.26	3.03	0.09
12.25	2.50	2.27	1.84	14.85	3.27	3.04	0.09
12.30	2.55	2.32	1.39	14.90	3.28	3.04	0.09
12.35	2.59	2.36	1.09	14.95	3.28	3.05	0.09
12.40	2.63	2.40	0.88	15.00	3.29	3.05	0.08
12.45	2.67	2.44	0.74	15.05	3.29	3.06	0.08
12.50	2.71	2.48	0.64	15.10	3.30	3.07	0.08
12.55	2.74	2.51	0.59	15.15	3.30	3.07	0.08
12.60	2.76	2.53	0.52	15.20	3.31	3.08	0.08
12.65	2.79	2.56	0.45	15.25	3.31	3.08	0.08
12.70	2.81	2.58	0.39	15.30	3.32	3.09	0.07
12.75	2.83	2.60	0.36	15.35	3.32	3.09	0.07
12.80	2.85	2.62	0.34	15.40	3.33	3.10	0.07
12.85	2.87	2.64	0.32	15.45	3.34	3.10	0.07
12.90	2.89	2.66	0.30	15.50	3.34	3.11	0.07
12.95	2.91	2.68	0.29	15.55	3.35	3.11	0.07

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.07	18.20	3.56	3.32	0.04
15.65	3.36	3.12	0.07	18.25	3.56	3.33	0.04
15.70	3.36	3.13	0.07	18.30	3.56	3.33	0.04
15.75	3.36	3.13	0.07	18.35	3.57	3.33	0.04
15.80	3.37	3.14	0.07	18.40	3.57	3.34	0.04
15.85	3.37	3.14	0.07	18.45	3.57	3.34	0.04
15.90	3.38	3.15	0.07	18.50	3.58	3.34	0.04
15.95	3.38	3.15	0.07	18.55	3.58	3.34	0.04
16.00	3.39	3.16	0.07	18.60	3.58	3.35	0.04
16.05	3.39	3.16	0.07	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.07	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.07	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.06	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.06	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.06	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.06	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.06	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.06	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.06	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.06	19.15	3.61	3.38	0.04
16.60	3.44	3.21	0.06	19.20	3.62	3.38	0.04
16.65	3.45	3.21	0.06	19.25	3.62	3.39	0.04
16.70	3.45	3.22	0.06	19.30	3.62	3.39	0.04
16.75	3.45	3.22	0.06	19.35	3.63	3.39	0.04
16.80	3.46	3.23	0.06	19.40	3.63	3.39	0.04
16.85	3.46	3.23	0.06	19.45	3.63	3.40	0.04
16.90	3.47	3.23	0.06	19.50	3.63	3.40	0.04
16.95	3.47	3.24	0.06	19.55	3.64	3.40	0.04
17.00	3.47	3.24	0.06	19.60	3.64	3.41	0.04
17.05	3.48	3.24	0.06	19.65	3.64	3.41	0.04
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.04
17.15	3.49	3.25	0.05	19.75	3.65	3.41	0.04
17.20	3.49	3.26	0.05	19.80	3.65	3.42	0.04
17.25	3.49	3.26	0.05	19.85	3.65	3.42	0.04
17.30	3.50	3.26	0.05	19.90	3.66	3.42	0.04
17.35	3.50	3.27	0.05	19.95	3.66	3.42	0.04
17.40	3.50	3.27	0.05	20.00	3.66	3.43	0.04
17.45	3.51	3.27	0.05	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.05	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.05	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.05	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.05	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.05	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.05	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.05	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.05	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.04	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.04	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.04	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.03	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.03	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.03	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.03	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.03	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.03	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.03	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.03	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.03	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.03	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Summary for Subcatchment 6P: PDA-6 (pervious)

Runoff = 0.81 cfs @ 12.18 hrs, Volume= 0.062 af, Depth= 1.49"
Routed to Pond B-6 : Basin #6

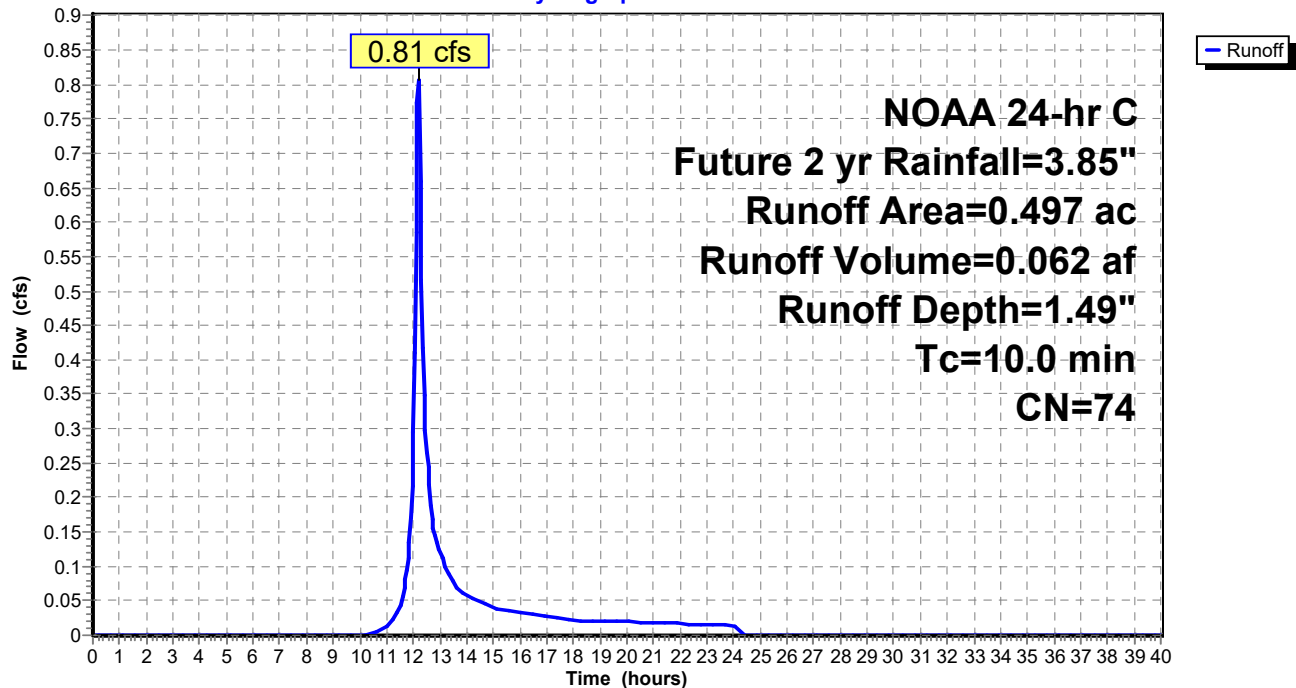
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.497	74	>75% Grass cover, Good, HSG C
0.497		100.00% Pervious Area

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

Subcatchment 6P: PDA-6 (pervious)

Hydrograph



Hydrograph for Subcatchment 6P: PDA-6 (pervious)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.12
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.11
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.11
10.55	0.80	0.00	0.00	13.15	2.97	0.89	0.10
10.60	0.82	0.00	0.00	13.20	2.98	0.90	0.10
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.09
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.09
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.09
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.08
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.08
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.08
10.95	0.91	0.01	0.01	13.55	3.07	0.95	0.07
11.00	0.92	0.01	0.01	13.60	3.08	0.96	0.07
11.05	0.94	0.02	0.01	13.65	3.09	0.96	0.07
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.06
11.15	0.98	0.02	0.02	13.75	3.10	0.97	0.06
11.20	1.00	0.02	0.02	13.80	3.11	0.98	0.06
11.25	1.02	0.03	0.02	13.85	3.12	0.99	0.06
11.30	1.04	0.03	0.03	13.90	3.13	0.99	0.06
11.35	1.06	0.03	0.03	13.95	3.14	1.00	0.06
11.40	1.09	0.04	0.03	14.00	3.15	1.00	0.06
11.45	1.11	0.04	0.04	14.05	3.16	1.01	0.06
11.50	1.14	0.05	0.04	14.10	3.16	1.01	0.06
11.55	1.18	0.06	0.05	14.15	3.17	1.02	0.06
11.60	1.22	0.07	0.06	14.20	3.18	1.02	0.05
11.65	1.26	0.08	0.07	14.25	3.19	1.03	0.05
11.70	1.30	0.09	0.08	14.30	3.20	1.03	0.05
11.75	1.35	0.10	0.09	14.35	3.20	1.04	0.05
11.80	1.41	0.12	0.11	14.40	3.21	1.04	0.05
11.85	1.49	0.14	0.14	14.45	3.22	1.05	0.05
11.90	1.57	0.17	0.17	14.50	3.23	1.05	0.05
11.95	1.70	0.22	0.22	14.55	3.23	1.06	0.05
12.00	1.83	0.28	0.30	14.60	3.24	1.06	0.05
12.05	2.06	0.38	0.41	14.65	3.25	1.07	0.05
12.10	2.28	0.49	0.58	14.70	3.25	1.07	0.05
12.15	2.36	0.53	0.77	14.75	3.26	1.08	0.04
12.20	2.44	0.57	0.80	14.80	3.26	1.08	0.04
12.25	2.50	0.61	0.66	14.85	3.27	1.08	0.04
12.30	2.55	0.64	0.52	14.90	3.28	1.09	0.04
12.35	2.59	0.66	0.42	14.95	3.28	1.09	0.04
12.40	2.63	0.69	0.35	15.00	3.29	1.10	0.04
12.45	2.67	0.71	0.30	15.05	3.29	1.10	0.04
12.50	2.71	0.73	0.26	15.10	3.30	1.10	0.04
12.55	2.74	0.75	0.24	15.15	3.30	1.11	0.04
12.60	2.76	0.76	0.22	15.20	3.31	1.11	0.04
12.65	2.79	0.78	0.19	15.25	3.31	1.11	0.04
12.70	2.81	0.79	0.17	15.30	3.32	1.12	0.04
12.75	2.83	0.80	0.15	15.35	3.32	1.12	0.04
12.80	2.85	0.82	0.15	15.40	3.33	1.12	0.04
12.85	2.87	0.83	0.14	15.45	3.34	1.13	0.04
12.90	2.89	0.84	0.13	15.50	3.34	1.13	0.03
12.95	2.91	0.85	0.13	15.55	3.35	1.13	0.03

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.03	18.20	3.56	1.28	0.02
15.65	3.36	1.14	0.03	18.25	3.56	1.28	0.02
15.70	3.36	1.14	0.03	18.30	3.56	1.28	0.02
15.75	3.36	1.15	0.03	18.35	3.57	1.29	0.02
15.80	3.37	1.15	0.03	18.40	3.57	1.29	0.02
15.85	3.37	1.15	0.03	18.45	3.57	1.29	0.02
15.90	3.38	1.16	0.03	18.50	3.58	1.29	0.02
15.95	3.38	1.16	0.03	18.55	3.58	1.29	0.02
16.00	3.39	1.16	0.03	18.60	3.58	1.30	0.02
16.05	3.39	1.17	0.03	18.65	3.58	1.30	0.02
16.10	3.40	1.17	0.03	18.70	3.59	1.30	0.02
16.15	3.40	1.17	0.03	18.75	3.59	1.30	0.02
16.20	3.41	1.18	0.03	18.80	3.59	1.30	0.02
16.25	3.41	1.18	0.03	18.85	3.60	1.31	0.02
16.30	3.42	1.18	0.03	18.90	3.60	1.31	0.02
16.35	3.42	1.19	0.03	18.95	3.60	1.31	0.02
16.40	3.42	1.19	0.03	19.00	3.61	1.31	0.02
16.45	3.43	1.19	0.03	19.05	3.61	1.32	0.02
16.50	3.43	1.19	0.03	19.10	3.61	1.32	0.02
16.55	3.44	1.20	0.03	19.15	3.61	1.32	0.02
16.60	3.44	1.20	0.03	19.20	3.62	1.32	0.02
16.65	3.45	1.20	0.03	19.25	3.62	1.32	0.02
16.70	3.45	1.21	0.03	19.30	3.62	1.33	0.02
16.75	3.45	1.21	0.03	19.35	3.63	1.33	0.02
16.80	3.46	1.21	0.03	19.40	3.63	1.33	0.02
16.85	3.46	1.21	0.03	19.45	3.63	1.33	0.02
16.90	3.47	1.22	0.03	19.50	3.63	1.33	0.02
16.95	3.47	1.22	0.03	19.55	3.64	1.34	0.02
17.00	3.47	1.22	0.03	19.60	3.64	1.34	0.02
17.05	3.48	1.22	0.03	19.65	3.64	1.34	0.02
17.10	3.48	1.23	0.03	19.70	3.65	1.34	0.02
17.15	3.49	1.23	0.03	19.75	3.65	1.34	0.02
17.20	3.49	1.23	0.03	19.80	3.65	1.34	0.02
17.25	3.49	1.24	0.03	19.85	3.65	1.35	0.02
17.30	3.50	1.24	0.03	19.90	3.66	1.35	0.02
17.35	3.50	1.24	0.03	19.95	3.66	1.35	0.02
17.40	3.50	1.24	0.03	20.00	3.66	1.35	0.02
17.45	3.51	1.25	0.03	20.05	3.66	1.35	0.02
17.50	3.51	1.25	0.03	20.10	3.67	1.36	0.02
17.55	3.52	1.25	0.02	20.15	3.67	1.36	0.02
17.60	3.52	1.25	0.02	20.20	3.67	1.36	0.02
17.65	3.52	1.26	0.02	20.25	3.68	1.36	0.02
17.70	3.53	1.26	0.02	20.30	3.68	1.36	0.02
17.75	3.53	1.26	0.02	20.35	3.68	1.37	0.02
17.80	3.53	1.26	0.02	20.40	3.68	1.37	0.02
17.85	3.54	1.26	0.02	20.45	3.69	1.37	0.02
17.90	3.54	1.27	0.02	20.50	3.69	1.37	0.02
17.95	3.54	1.27	0.02	20.55	3.69	1.37	0.02
18.00	3.54	1.27	0.02	20.60	3.69	1.38	0.02
18.05	3.55	1.27	0.02	20.65	3.70	1.38	0.02
18.10	3.55	1.28	0.02	20.70	3.70	1.38	0.02
18.15	3.55	1.28	0.02	20.75	3.70	1.38	0.02

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Summary for Subcatchment 7I: PDA-7 (impervious)

Runoff = 3.43 cfs @ 12.17 hrs, Volume= 0.296 af, Depth= 3.62"
 Routed to Pond B-7 : Basin #7

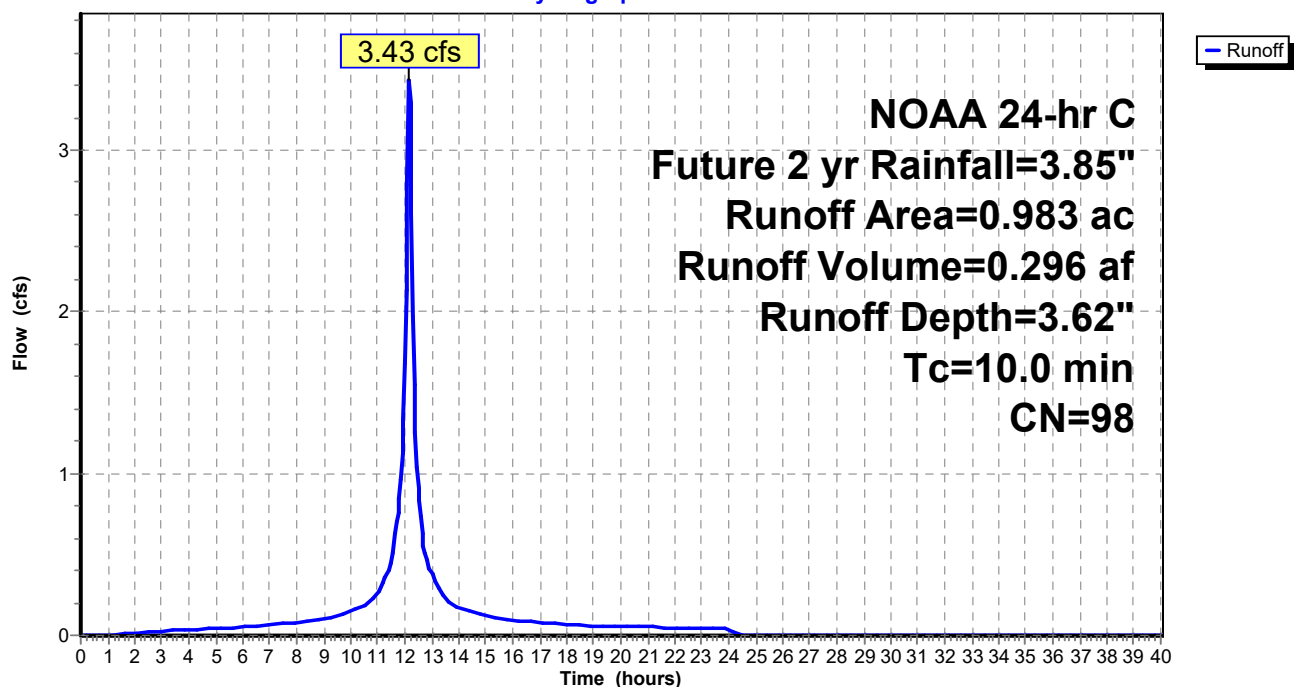
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.886	98	Pavement, HSG C
* 0.097	98	Concrete, HSG C
0.983	98	Weighted Average
0.983		100.00% Impervious Area

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

Subcatchment 7I: PDA-7 (impervious)

Hydrograph



Hydrograph for Subcatchment 7I: PDA-7 (impervious)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.08
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.08
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.08
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.08
5.40	0.27	0.12	0.05	8.00	0.46	0.28	0.08
5.45	0.27	0.12	0.05	8.05	0.47	0.29	0.08
5.50	0.27	0.12	0.05	8.10	0.47	0.29	0.08
5.55	0.28	0.13	0.05	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.05	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.05	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.05	8.30	0.49	0.31	0.09
5.75	0.29	0.14	0.05	8.35	0.49	0.31	0.09
5.80	0.29	0.14	0.05	8.40	0.50	0.32	0.09
5.85	0.30	0.14	0.05	8.45	0.50	0.32	0.09
5.90	0.30	0.14	0.05	8.50	0.51	0.33	0.09
5.95	0.30	0.15	0.05	8.55	0.51	0.33	0.09
6.00	0.31	0.15	0.05	8.60	0.52	0.34	0.09
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.09
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.09
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.09
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.10
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.10
6.45	0.33	0.17	0.06	9.05	0.57	0.38	0.10
6.50	0.34	0.18	0.06	9.10	0.57	0.39	0.10
6.55	0.34	0.18	0.06	9.15	0.58	0.39	0.10
6.60	0.35	0.18	0.06	9.20	0.59	0.40	0.10
6.65	0.35	0.19	0.06	9.25	0.59	0.40	0.11
6.70	0.35	0.19	0.06	9.30	0.60	0.41	0.11
6.75	0.36	0.19	0.06	9.35	0.60	0.41	0.11
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.11
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.12
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.12
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.12
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.13
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.13
7.10	0.38	0.21	0.07	9.70	0.65	0.46	0.13
7.15	0.39	0.22	0.07	9.75	0.66	0.47	0.13
7.20	0.39	0.22	0.07	9.80	0.67	0.47	0.14
7.25	0.40	0.23	0.07	9.85	0.68	0.48	0.14
7.30	0.40	0.23	0.07	9.90	0.69	0.49	0.14
7.35	0.40	0.23	0.07	9.95	0.69	0.50	0.15
7.40	0.41	0.24	0.07	10.00	0.70	0.51	0.15
7.45	0.41	0.24	0.07	10.05	0.71	0.51	0.15
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.15
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.16
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.16
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.16
7.70	0.43	0.26	0.08	10.30	0.76	0.56	0.17
7.75	0.44	0.26	0.08	10.35	0.76	0.56	0.17

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.17	13.00	2.93	2.69	0.38
10.45	0.78	0.58	0.17	13.05	2.94	2.71	0.36
10.50	0.79	0.59	0.18	13.10	2.96	2.73	0.34
10.55	0.80	0.60	0.18	13.15	2.97	2.74	0.32
10.60	0.82	0.61	0.19	13.20	2.98	2.75	0.31
10.65	0.83	0.62	0.20	13.25	3.00	2.77	0.29
10.70	0.84	0.64	0.21	13.30	3.01	2.78	0.28
10.75	0.85	0.65	0.22	13.35	3.02	2.79	0.27
10.80	0.87	0.66	0.23	13.40	3.03	2.80	0.26
10.85	0.88	0.67	0.24	13.45	3.05	2.81	0.25
10.90	0.89	0.69	0.25	13.50	3.06	2.82	0.24
10.95	0.91	0.70	0.26	13.55	3.07	2.83	0.23
11.00	0.92	0.72	0.27	13.60	3.08	2.84	0.21
11.05	0.94	0.73	0.28	13.65	3.09	2.85	0.20
11.10	0.96	0.75	0.29	13.70	3.09	2.86	0.20
11.15	0.98	0.77	0.31	13.75	3.10	2.87	0.19
11.20	1.00	0.79	0.33	13.80	3.11	2.88	0.19
11.25	1.02	0.81	0.35	13.85	3.12	2.89	0.18
11.30	1.04	0.83	0.37	13.90	3.13	2.90	0.18
11.35	1.06	0.85	0.39	13.95	3.14	2.91	0.18
11.40	1.09	0.88	0.41	14.00	3.15	2.92	0.18
11.45	1.11	0.90	0.43	14.05	3.16	2.92	0.17
11.50	1.14	0.92	0.45	14.10	3.16	2.93	0.17
11.55	1.18	0.96	0.48	14.15	3.17	2.94	0.17
11.60	1.22	1.00	0.54	14.20	3.18	2.95	0.16
11.65	1.26	1.04	0.63	14.25	3.19	2.96	0.16
11.70	1.30	1.08	0.70	14.30	3.20	2.96	0.16
11.75	1.35	1.14	0.76	14.35	3.20	2.97	0.16
11.80	1.41	1.19	0.84	14.40	3.21	2.98	0.15
11.85	1.49	1.27	0.96	14.45	3.22	2.99	0.15
11.90	1.57	1.34	1.12	14.50	3.23	2.99	0.15
11.95	1.70	1.48	1.34	14.55	3.23	3.00	0.14
12.00	1.83	1.61	1.68	14.60	3.24	3.01	0.14
12.05	2.06	1.83	2.14	14.65	3.25	3.01	0.14
12.10	2.28	2.06	2.78	14.70	3.25	3.02	0.14
12.15	2.36	2.13	3.39	14.75	3.26	3.03	0.13
12.20	2.44	2.21	3.29	14.80	3.26	3.03	0.13
12.25	2.50	2.27	2.61	14.85	3.27	3.04	0.13
12.30	2.55	2.32	1.97	14.90	3.28	3.04	0.12
12.35	2.59	2.36	1.54	14.95	3.28	3.05	0.12
12.40	2.63	2.40	1.25	15.00	3.29	3.05	0.12
12.45	2.67	2.44	1.04	15.05	3.29	3.06	0.12
12.50	2.71	2.48	0.91	15.10	3.30	3.07	0.11
12.55	2.74	2.51	0.83	15.15	3.30	3.07	0.11
12.60	2.76	2.53	0.74	15.20	3.31	3.08	0.11
12.65	2.79	2.56	0.63	15.25	3.31	3.08	0.11
12.70	2.81	2.58	0.55	15.30	3.32	3.09	0.11
12.75	2.83	2.60	0.51	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.48	15.40	3.33	3.10	0.10
12.85	2.87	2.64	0.45	15.45	3.34	3.10	0.10
12.90	2.89	2.66	0.43	15.50	3.34	3.11	0.10
12.95	2.91	2.68	0.41	15.55	3.35	3.11	0.10

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.10	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.10	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.10	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.10	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.10	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.10	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.10	18.50	3.58	3.34	0.06
15.95	3.38	3.15	0.10	18.55	3.58	3.34	0.06
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.06
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.06
16.10	3.40	3.16	0.09	18.70	3.59	3.35	0.06
16.15	3.40	3.17	0.09	18.75	3.59	3.36	0.06
16.20	3.41	3.17	0.09	18.80	3.59	3.36	0.06
16.25	3.41	3.18	0.09	18.85	3.60	3.36	0.06
16.30	3.42	3.18	0.09	18.90	3.60	3.37	0.06
16.35	3.42	3.19	0.09	18.95	3.60	3.37	0.06
16.40	3.42	3.19	0.09	19.00	3.61	3.37	0.06
16.45	3.43	3.20	0.09	19.05	3.61	3.37	0.06
16.50	3.43	3.20	0.09	19.10	3.61	3.38	0.06
16.55	3.44	3.20	0.09	19.15	3.61	3.38	0.06
16.60	3.44	3.21	0.09	19.20	3.62	3.38	0.06
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.06
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.06
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.06
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.06
16.85	3.46	3.23	0.08	19.45	3.63	3.40	0.06
16.90	3.47	3.23	0.08	19.50	3.63	3.40	0.06
16.95	3.47	3.24	0.08	19.55	3.64	3.40	0.06
17.00	3.47	3.24	0.08	19.60	3.64	3.41	0.06
17.05	3.48	3.24	0.08	19.65	3.64	3.41	0.06
17.10	3.48	3.25	0.08	19.70	3.65	3.41	0.06
17.15	3.49	3.25	0.08	19.75	3.65	3.41	0.06
17.20	3.49	3.26	0.08	19.80	3.65	3.42	0.06
17.25	3.49	3.26	0.08	19.85	3.65	3.42	0.06
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.06
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.07	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.07	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.07	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.07	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.07	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.07	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.07	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.07	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.07	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.05	24.10	3.85	3.62	0.04
21.55	3.74	3.51	0.05	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.05	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.05	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.05	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.05	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.05	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.05	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.05	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.05	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.05	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.05	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.05	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.05	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.05	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.05	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Summary for Subcatchment 7P: PDA-7 (pervious)

Runoff = 0.94 cfs @ 12.18 hrs, Volume= 0.072 af, Depth= 1.49"
 Routed to Pond B-7 : Basin #7

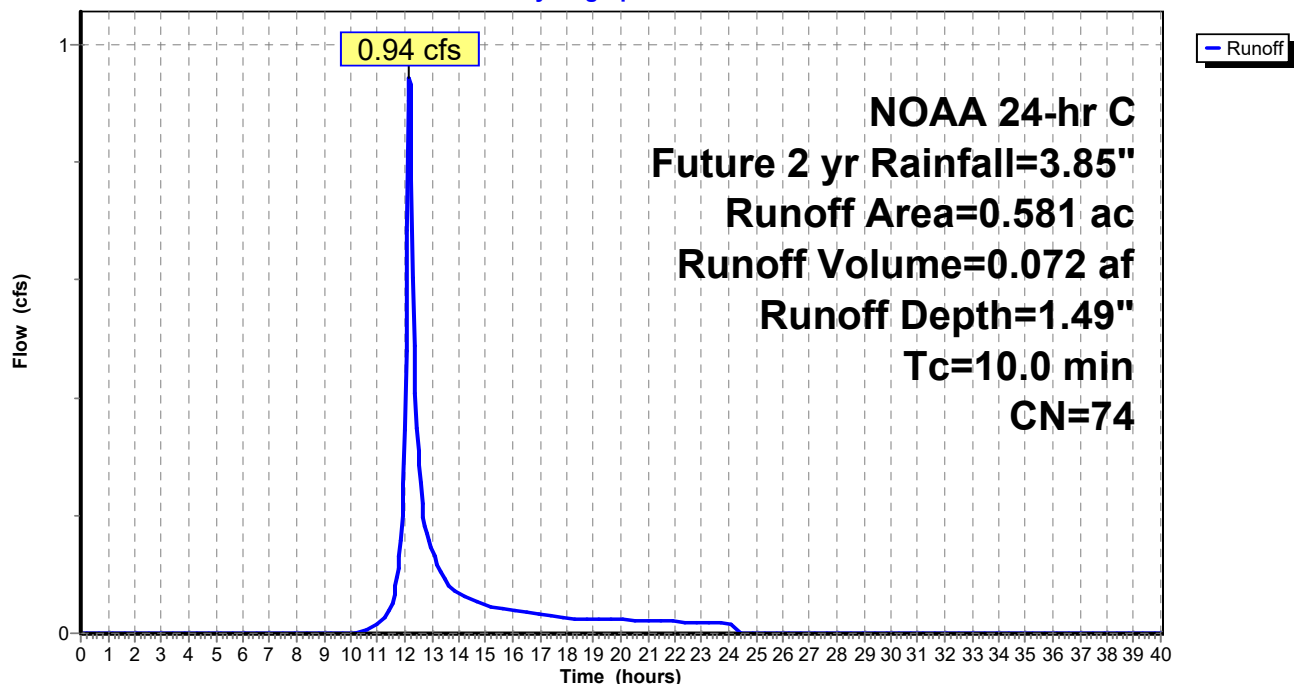
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.581	74	>75% Grass cover, Good, HSG C
0.581		100.00% Pervious Area

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

Subcatchment 7P: PDA-7 (pervious)

Hydrograph



Hydrograph for Subcatchment 7P: PDA-7 (pervious)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.14
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.13
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.13
10.55	0.80	0.00	0.00	13.15	2.97	0.89	0.12
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.11
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.11
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.11
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.10
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.10
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.09
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.09
10.95	0.91	0.01	0.01	13.55	3.07	0.95	0.09
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.08
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.08
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.08
11.15	0.98	0.02	0.02	13.75	3.10	0.97	0.07
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.07
11.25	1.02	0.03	0.03	13.85	3.12	0.99	0.07
11.30	1.04	0.03	0.03	13.90	3.13	0.99	0.07
11.35	1.06	0.03	0.04	13.95	3.14	1.00	0.07
11.40	1.09	0.04	0.04	14.00	3.15	1.00	0.07
11.45	1.11	0.04	0.04	14.05	3.16	1.01	0.07
11.50	1.14	0.05	0.05	14.10	3.16	1.01	0.07
11.55	1.18	0.06	0.05	14.15	3.17	1.02	0.06
11.60	1.22	0.07	0.07	14.20	3.18	1.02	0.06
11.65	1.26	0.08	0.08	14.25	3.19	1.03	0.06
11.70	1.30	0.09	0.10	14.30	3.20	1.03	0.06
11.75	1.35	0.10	0.11	14.35	3.20	1.04	0.06
11.80	1.41	0.12	0.13	14.40	3.21	1.04	0.06
11.85	1.49	0.14	0.16	14.45	3.22	1.05	0.06
11.90	1.57	0.17	0.20	14.50	3.23	1.05	0.06
11.95	1.70	0.22	0.25	14.55	3.23	1.06	0.06
12.00	1.83	0.28	0.34	14.60	3.24	1.06	0.06
12.05	2.06	0.38	0.48	14.65	3.25	1.07	0.05
12.10	2.28	0.49	0.68	14.70	3.25	1.07	0.05
12.15	2.36	0.53	0.90	14.75	3.26	1.08	0.05
12.20	2.44	0.57	0.93	14.80	3.26	1.08	0.05
12.25	2.50	0.61	0.77	14.85	3.27	1.08	0.05
12.30	2.55	0.64	0.60	14.90	3.28	1.09	0.05
12.35	2.59	0.66	0.49	14.95	3.28	1.09	0.05
12.40	2.63	0.69	0.41	15.00	3.29	1.10	0.05
12.45	2.67	0.71	0.35	15.05	3.29	1.10	0.05
12.50	2.71	0.73	0.31	15.10	3.30	1.10	0.04
12.55	2.74	0.75	0.29	15.15	3.30	1.11	0.04
12.60	2.76	0.76	0.26	15.20	3.31	1.11	0.04
12.65	2.79	0.78	0.22	15.25	3.31	1.11	0.04
12.70	2.81	0.79	0.20	15.30	3.32	1.12	0.04
12.75	2.83	0.80	0.18	15.35	3.32	1.12	0.04
12.80	2.85	0.82	0.17	15.40	3.33	1.12	0.04
12.85	2.87	0.83	0.16	15.45	3.34	1.13	0.04
12.90	2.89	0.84	0.16	15.50	3.34	1.13	0.04
12.95	2.91	0.85	0.15	15.55	3.35	1.13	0.04

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.04	18.20	3.56	1.28	0.03
15.65	3.36	1.14	0.04	18.25	3.56	1.28	0.03
15.70	3.36	1.14	0.04	18.30	3.56	1.28	0.03
15.75	3.36	1.15	0.04	18.35	3.57	1.29	0.03
15.80	3.37	1.15	0.04	18.40	3.57	1.29	0.02
15.85	3.37	1.15	0.04	18.45	3.57	1.29	0.02
15.90	3.38	1.16	0.04	18.50	3.58	1.29	0.02
15.95	3.38	1.16	0.04	18.55	3.58	1.29	0.02
16.00	3.39	1.16	0.04	18.60	3.58	1.30	0.02
16.05	3.39	1.17	0.04	18.65	3.58	1.30	0.02
16.10	3.40	1.17	0.04	18.70	3.59	1.30	0.02
16.15	3.40	1.17	0.04	18.75	3.59	1.30	0.02
16.20	3.41	1.18	0.04	18.80	3.59	1.30	0.02
16.25	3.41	1.18	0.04	18.85	3.60	1.31	0.02
16.30	3.42	1.18	0.04	18.90	3.60	1.31	0.02
16.35	3.42	1.19	0.04	18.95	3.60	1.31	0.02
16.40	3.42	1.19	0.04	19.00	3.61	1.31	0.02
16.45	3.43	1.19	0.04	19.05	3.61	1.32	0.02
16.50	3.43	1.19	0.04	19.10	3.61	1.32	0.02
16.55	3.44	1.20	0.03	19.15	3.61	1.32	0.02
16.60	3.44	1.20	0.03	19.20	3.62	1.32	0.02
16.65	3.45	1.20	0.03	19.25	3.62	1.32	0.02
16.70	3.45	1.21	0.03	19.30	3.62	1.33	0.02
16.75	3.45	1.21	0.03	19.35	3.63	1.33	0.02
16.80	3.46	1.21	0.03	19.40	3.63	1.33	0.02
16.85	3.46	1.21	0.03	19.45	3.63	1.33	0.02
16.90	3.47	1.22	0.03	19.50	3.63	1.33	0.02
16.95	3.47	1.22	0.03	19.55	3.64	1.34	0.02
17.00	3.47	1.22	0.03	19.60	3.64	1.34	0.02
17.05	3.48	1.22	0.03	19.65	3.64	1.34	0.02
17.10	3.48	1.23	0.03	19.70	3.65	1.34	0.02
17.15	3.49	1.23	0.03	19.75	3.65	1.34	0.02
17.20	3.49	1.23	0.03	19.80	3.65	1.34	0.02
17.25	3.49	1.24	0.03	19.85	3.65	1.35	0.02
17.30	3.50	1.24	0.03	19.90	3.66	1.35	0.02
17.35	3.50	1.24	0.03	19.95	3.66	1.35	0.02
17.40	3.50	1.24	0.03	20.00	3.66	1.35	0.02
17.45	3.51	1.25	0.03	20.05	3.66	1.35	0.02
17.50	3.51	1.25	0.03	20.10	3.67	1.36	0.02
17.55	3.52	1.25	0.03	20.15	3.67	1.36	0.02
17.60	3.52	1.25	0.03	20.20	3.67	1.36	0.02
17.65	3.52	1.26	0.03	20.25	3.68	1.36	0.02
17.70	3.53	1.26	0.03	20.30	3.68	1.36	0.02
17.75	3.53	1.26	0.03	20.35	3.68	1.37	0.02
17.80	3.53	1.26	0.03	20.40	3.68	1.37	0.02
17.85	3.54	1.26	0.03	20.45	3.69	1.37	0.02
17.90	3.54	1.27	0.03	20.50	3.69	1.37	0.02
17.95	3.54	1.27	0.03	20.55	3.69	1.37	0.02
18.00	3.54	1.27	0.03	20.60	3.69	1.38	0.02
18.05	3.55	1.27	0.03	20.65	3.70	1.38	0.02
18.10	3.55	1.28	0.03	20.70	3.70	1.38	0.02
18.15	3.55	1.28	0.03	20.75	3.70	1.38	0.02

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Summary for Subcatchment 8I: PDA-8 (impervious)

Runoff = 1.68 cfs @ 12.17 hrs, Volume= 0.145 af, Depth= 3.62"
 Routed to Pond B-8 : Basin #8

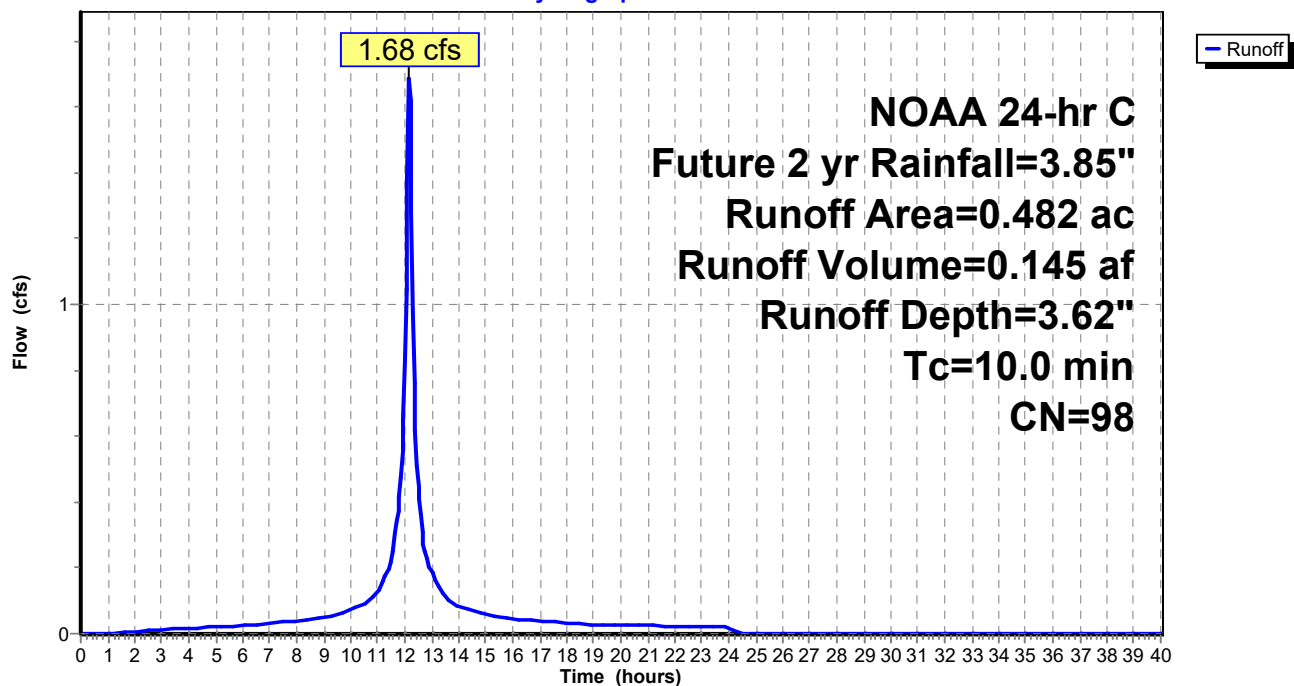
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.482	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.482	98	Weighted Average
0.482		100.00% Impervious Area

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

Subcatchment 8I: PDA-8 (impervious)

Hydrograph



Hydrograph for Subcatchment 8I: PDA-8 (impervious)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.02	7.80	0.44	0.27	0.04
5.25	0.26	0.11	0.02	7.85	0.45	0.27	0.04
5.30	0.26	0.12	0.02	7.90	0.45	0.27	0.04
5.35	0.27	0.12	0.02	7.95	0.46	0.28	0.04
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.04
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.04
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.04
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.04
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.04
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.04
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.04
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.04
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.04
5.85	0.30	0.14	0.02	8.45	0.50	0.32	0.04
5.90	0.30	0.14	0.02	8.50	0.51	0.33	0.04
5.95	0.30	0.15	0.02	8.55	0.51	0.33	0.04
6.00	0.31	0.15	0.02	8.60	0.52	0.34	0.04
6.05	0.31	0.15	0.02	8.65	0.53	0.34	0.04
6.10	0.31	0.15	0.02	8.70	0.53	0.35	0.04
6.15	0.31	0.16	0.02	8.75	0.54	0.35	0.05
6.20	0.32	0.16	0.03	8.80	0.54	0.36	0.05
6.25	0.32	0.16	0.03	8.85	0.55	0.36	0.05
6.30	0.32	0.17	0.03	8.90	0.55	0.36	0.05
6.35	0.33	0.17	0.03	8.95	0.56	0.37	0.05
6.40	0.33	0.17	0.03	9.00	0.56	0.37	0.05
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.05
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.05
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.05
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.05
6.65	0.35	0.19	0.03	9.25	0.59	0.40	0.05
6.70	0.35	0.19	0.03	9.30	0.60	0.41	0.05
6.75	0.36	0.19	0.03	9.35	0.60	0.41	0.05
6.80	0.36	0.19	0.03	9.40	0.61	0.42	0.06
6.85	0.36	0.20	0.03	9.45	0.62	0.43	0.06
6.90	0.37	0.20	0.03	9.50	0.62	0.43	0.06
6.95	0.37	0.20	0.03	9.55	0.63	0.44	0.06
7.00	0.38	0.21	0.03	9.60	0.64	0.45	0.06
7.05	0.38	0.21	0.03	9.65	0.65	0.45	0.06
7.10	0.38	0.21	0.03	9.70	0.65	0.46	0.06
7.15	0.39	0.22	0.03	9.75	0.66	0.47	0.07
7.20	0.39	0.22	0.03	9.80	0.67	0.47	0.07
7.25	0.40	0.23	0.03	9.85	0.68	0.48	0.07
7.30	0.40	0.23	0.03	9.90	0.69	0.49	0.07
7.35	0.40	0.23	0.03	9.95	0.69	0.50	0.07
7.40	0.41	0.24	0.03	10.00	0.70	0.51	0.07
7.45	0.41	0.24	0.03	10.05	0.71	0.51	0.07
7.50	0.42	0.24	0.04	10.10	0.72	0.52	0.08
7.55	0.42	0.25	0.04	10.15	0.73	0.53	0.08
7.60	0.43	0.25	0.04	10.20	0.74	0.54	0.08
7.65	0.43	0.25	0.04	10.25	0.75	0.55	0.08
7.70	0.43	0.26	0.04	10.30	0.76	0.56	0.08
7.75	0.44	0.26	0.04	10.35	0.76	0.56	0.08

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.08	13.00	2.93	2.69	0.19
10.45	0.78	0.58	0.09	13.05	2.94	2.71	0.18
10.50	0.79	0.59	0.09	13.10	2.96	2.73	0.17
10.55	0.80	0.60	0.09	13.15	2.97	2.74	0.16
10.60	0.82	0.61	0.09	13.20	2.98	2.75	0.15
10.65	0.83	0.62	0.10	13.25	3.00	2.77	0.14
10.70	0.84	0.64	0.10	13.30	3.01	2.78	0.14
10.75	0.85	0.65	0.11	13.35	3.02	2.79	0.13
10.80	0.87	0.66	0.11	13.40	3.03	2.80	0.13
10.85	0.88	0.67	0.12	13.45	3.05	2.81	0.12
10.90	0.89	0.69	0.12	13.50	3.06	2.82	0.12
10.95	0.91	0.70	0.13	13.55	3.07	2.83	0.11
11.00	0.92	0.72	0.13	13.60	3.08	2.84	0.11
11.05	0.94	0.73	0.14	13.65	3.09	2.85	0.10
11.10	0.96	0.75	0.14	13.70	3.09	2.86	0.10
11.15	0.98	0.77	0.15	13.75	3.10	2.87	0.09
11.20	1.00	0.79	0.16	13.80	3.11	2.88	0.09
11.25	1.02	0.81	0.17	13.85	3.12	2.89	0.09
11.30	1.04	0.83	0.18	13.90	3.13	2.90	0.09
11.35	1.06	0.85	0.19	13.95	3.14	2.91	0.09
11.40	1.09	0.88	0.20	14.00	3.15	2.92	0.09
11.45	1.11	0.90	0.21	14.05	3.16	2.92	0.08
11.50	1.14	0.92	0.22	14.10	3.16	2.93	0.08
11.55	1.18	0.96	0.23	14.15	3.17	2.94	0.08
11.60	1.22	1.00	0.26	14.20	3.18	2.95	0.08
11.65	1.26	1.04	0.31	14.25	3.19	2.96	0.08
11.70	1.30	1.08	0.34	14.30	3.20	2.96	0.08
11.75	1.35	1.14	0.37	14.35	3.20	2.97	0.08
11.80	1.41	1.19	0.41	14.40	3.21	2.98	0.07
11.85	1.49	1.27	0.47	14.45	3.22	2.99	0.07
11.90	1.57	1.34	0.55	14.50	3.23	2.99	0.07
11.95	1.70	1.48	0.66	14.55	3.23	3.00	0.07
12.00	1.83	1.61	0.82	14.60	3.24	3.01	0.07
12.05	2.06	1.83	1.05	14.65	3.25	3.01	0.07
12.10	2.28	2.06	1.36	14.70	3.25	3.02	0.07
12.15	2.36	2.13	1.66	14.75	3.26	3.03	0.06
12.20	2.44	2.21	1.62	14.80	3.26	3.03	0.06
12.25	2.50	2.27	1.28	14.85	3.27	3.04	0.06
12.30	2.55	2.32	0.96	14.90	3.28	3.04	0.06
12.35	2.59	2.36	0.76	14.95	3.28	3.05	0.06
12.40	2.63	2.40	0.61	15.00	3.29	3.05	0.06
12.45	2.67	2.44	0.51	15.05	3.29	3.06	0.06
12.50	2.71	2.48	0.45	15.10	3.30	3.07	0.06
12.55	2.74	2.51	0.41	15.15	3.30	3.07	0.05
12.60	2.76	2.53	0.36	15.20	3.31	3.08	0.05
12.65	2.79	2.56	0.31	15.25	3.31	3.08	0.05
12.70	2.81	2.58	0.27	15.30	3.32	3.09	0.05
12.75	2.83	2.60	0.25	15.35	3.32	3.09	0.05
12.80	2.85	2.62	0.23	15.40	3.33	3.10	0.05
12.85	2.87	2.64	0.22	15.45	3.34	3.10	0.05
12.90	2.89	2.66	0.21	15.50	3.34	3.11	0.05
12.95	2.91	2.68	0.20	15.55	3.35	3.11	0.05

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.05	18.20	3.56	3.32	0.03
15.65	3.36	3.12	0.05	18.25	3.56	3.33	0.03
15.70	3.36	3.13	0.05	18.30	3.56	3.33	0.03
15.75	3.36	3.13	0.05	18.35	3.57	3.33	0.03
15.80	3.37	3.14	0.05	18.40	3.57	3.34	0.03
15.85	3.37	3.14	0.05	18.45	3.57	3.34	0.03
15.90	3.38	3.15	0.05	18.50	3.58	3.34	0.03
15.95	3.38	3.15	0.05	18.55	3.58	3.34	0.03
16.00	3.39	3.16	0.05	18.60	3.58	3.35	0.03
16.05	3.39	3.16	0.05	18.65	3.58	3.35	0.03
16.10	3.40	3.16	0.05	18.70	3.59	3.35	0.03
16.15	3.40	3.17	0.05	18.75	3.59	3.36	0.03
16.20	3.41	3.17	0.04	18.80	3.59	3.36	0.03
16.25	3.41	3.18	0.04	18.85	3.60	3.36	0.03
16.30	3.42	3.18	0.04	18.90	3.60	3.37	0.03
16.35	3.42	3.19	0.04	18.95	3.60	3.37	0.03
16.40	3.42	3.19	0.04	19.00	3.61	3.37	0.03
16.45	3.43	3.20	0.04	19.05	3.61	3.37	0.03
16.50	3.43	3.20	0.04	19.10	3.61	3.38	0.03
16.55	3.44	3.20	0.04	19.15	3.61	3.38	0.03
16.60	3.44	3.21	0.04	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.04	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.04	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.04	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.04	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.04	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.04	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.04	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.04	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.04	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.04	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.04	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.04	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.04	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.04	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.04	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.04	20.00	3.66	3.43	0.03
17.45	3.51	3.27	0.04	20.05	3.66	3.43	0.03
17.50	3.51	3.28	0.04	20.10	3.67	3.43	0.03
17.55	3.52	3.28	0.03	20.15	3.67	3.44	0.03
17.60	3.52	3.28	0.03	20.20	3.67	3.44	0.03
17.65	3.52	3.29	0.03	20.25	3.68	3.44	0.03
17.70	3.53	3.29	0.03	20.30	3.68	3.44	0.03
17.75	3.53	3.30	0.03	20.35	3.68	3.45	0.03
17.80	3.53	3.30	0.03	20.40	3.68	3.45	0.03
17.85	3.54	3.30	0.03	20.45	3.69	3.45	0.03
17.90	3.54	3.30	0.03	20.50	3.69	3.45	0.03
17.95	3.54	3.31	0.03	20.55	3.69	3.46	0.03
18.00	3.54	3.31	0.03	20.60	3.69	3.46	0.03
18.05	3.55	3.31	0.03	20.65	3.70	3.46	0.03
18.10	3.55	3.32	0.03	20.70	3.70	3.46	0.03
18.15	3.55	3.32	0.03	20.75	3.70	3.47	0.03

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.03	23.40	3.82	3.59	0.02
20.85	3.71	3.47	0.03	23.45	3.83	3.59	0.02
20.90	3.71	3.47	0.03	23.50	3.83	3.59	0.02
20.95	3.71	3.48	0.02	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.02	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.02	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.02	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.02	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.02	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.02	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.02	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.02	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.02	24.00	3.85	3.62	0.02
21.45	3.74	3.50	0.02	24.05	3.85	3.62	0.02
21.50	3.74	3.50	0.02	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.02	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.02	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.02	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.02	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.02	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.02	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.02	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.02	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.02	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.02	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.02	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.02	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.02	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.02	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.02	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.02	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.02	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.02	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.02	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.02	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.02	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.02	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.02	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.02	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.02	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.02	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.02	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.02	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.02	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.02	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.02	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.02	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.02	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.02	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.02	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.02	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.02	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Summary for Subcatchment 8P: PDA-8 (pervious)

Runoff = 2.61 cfs @ 12.18 hrs, Volume= 0.199 af, Depth= 1.49"
 Routed to Pond B-8 : Basin #8

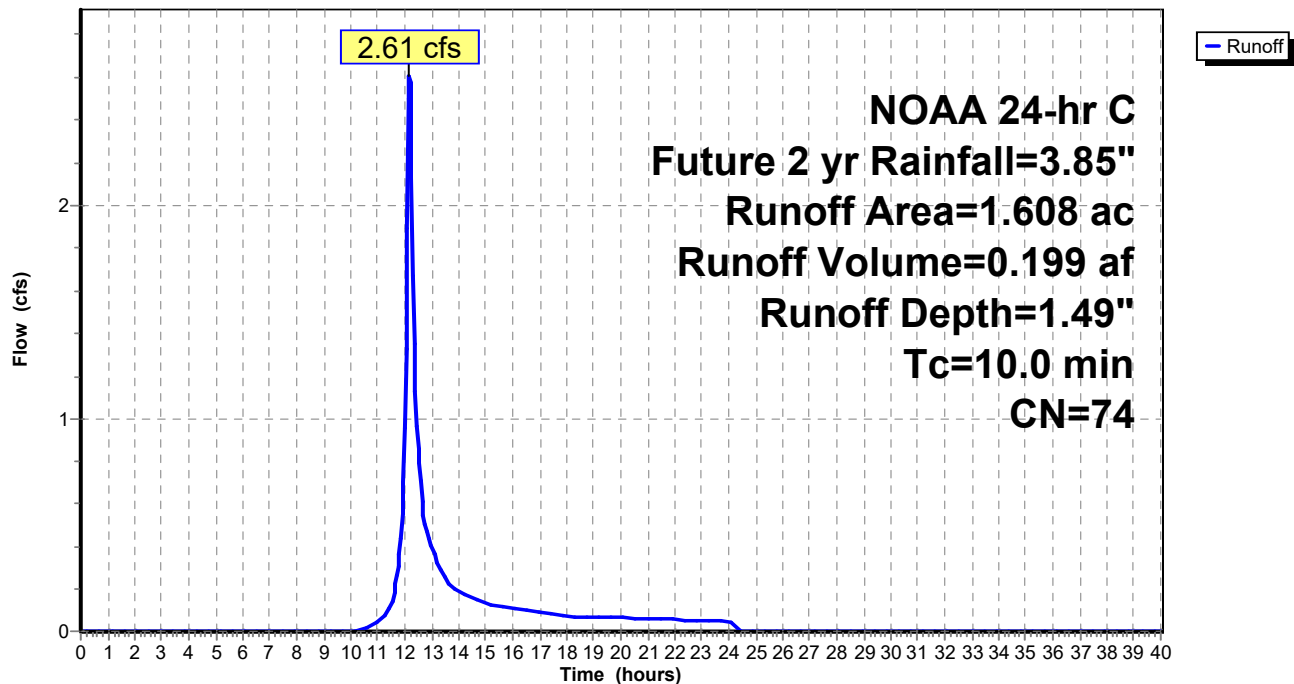
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.608	74	>75% Grass cover, Good, HSG C
1.608		100.00% Pervious Area

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

Subcatchment 8P: PDA-8 (pervious)

Hydrograph



Hydrograph for Subcatchment 8P: PDA-8 (pervious)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.39
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.37
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.35
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.33
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.30
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.29
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.28
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.27
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.20
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.19
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.18
11.50	1.14	0.05	0.13	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.18	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.17
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.36	14.40	3.21	1.04	0.16
11.85	1.49	0.14	0.44	14.45	3.22	1.05	0.16
11.90	1.57	0.17	0.55	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.70	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.95	14.60	3.24	1.06	0.15
12.05	2.06	0.38	1.32	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.89	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.50	14.75	3.26	1.08	0.14
12.20	2.44	0.57	2.58	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.13	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.67	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.35	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.13	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.96	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.86	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.79	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.71	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.61	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.54	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.50	15.35	3.32	1.12	0.11
12.80	2.85	0.82	0.47	15.40	3.33	1.12	0.11
12.85	2.87	0.83	0.45	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.43	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.41	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Summary for Subcatchment 9I: PDA-9 (impervious)

Runoff = 2.76 cfs @ 12.17 hrs, Volume= 0.238 af, Depth= 3.62"
 Routed to Pond B-9 : Basin #9

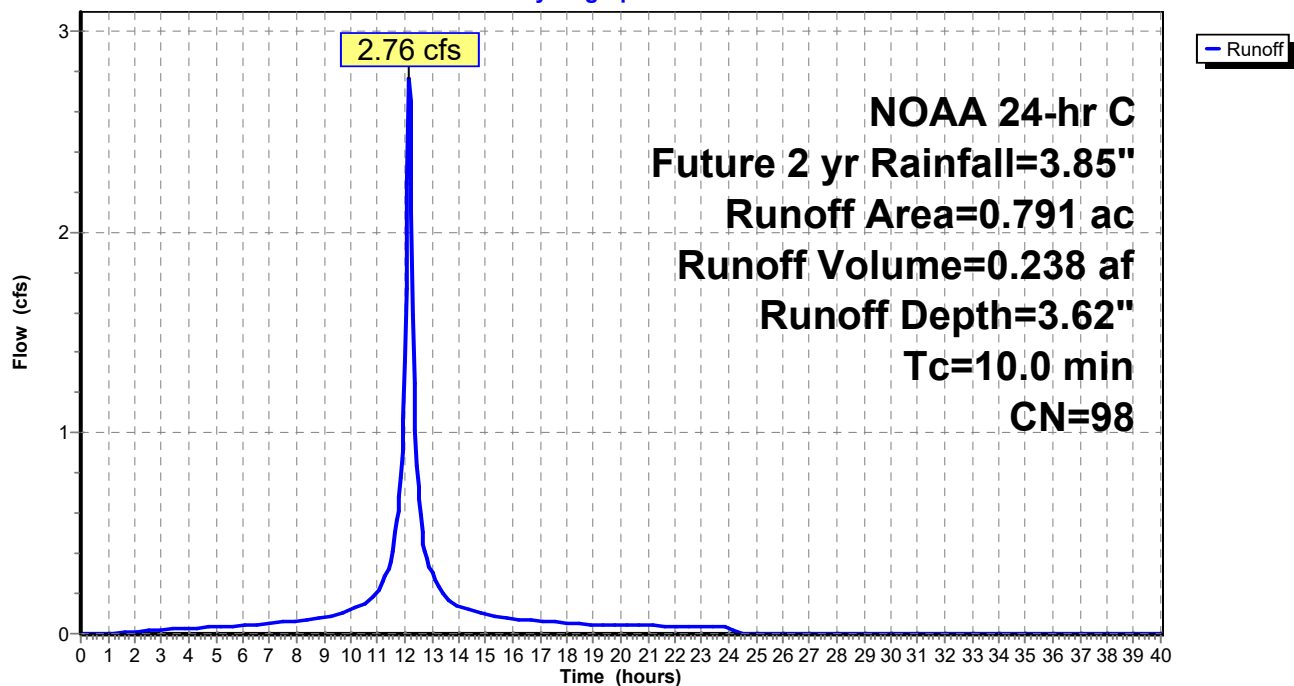
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.286	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.055	98	Concrete, HSG C
0.791	98	Weighted Average
0.791		100.00% Impervious Area

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

Subcatchment 9I: PDA-9 (impervious)

Hydrograph



Hydrograph for Subcatchment 9I: PDA-9 (impervious)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.06
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.06
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.07
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.07
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.07
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.07
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.04	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.04	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.08
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.09
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.09
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.10
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.10
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.05	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.05	9.85	0.68	0.48	0.11
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.12
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.12
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.12
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.13
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.13
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.13
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.14

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.14	13.00	2.93	2.69	0.31
10.45	0.78	0.58	0.14	13.05	2.94	2.71	0.29
10.50	0.79	0.59	0.14	13.10	2.96	2.73	0.28
10.55	0.80	0.60	0.15	13.15	2.97	2.74	0.26
10.60	0.82	0.61	0.15	13.20	2.98	2.75	0.25
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.24
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.23
10.75	0.85	0.65	0.17	13.35	3.02	2.79	0.22
10.80	0.87	0.66	0.18	13.40	3.03	2.80	0.21
10.85	0.88	0.67	0.19	13.45	3.05	2.81	0.20
10.90	0.89	0.69	0.20	13.50	3.06	2.82	0.19
10.95	0.91	0.70	0.21	13.55	3.07	2.83	0.18
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.17
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.16
11.10	0.96	0.75	0.24	13.70	3.09	2.86	0.16
11.15	0.98	0.77	0.25	13.75	3.10	2.87	0.15
11.20	1.00	0.79	0.27	13.80	3.11	2.88	0.15
11.25	1.02	0.81	0.28	13.85	3.12	2.89	0.15
11.30	1.04	0.83	0.30	13.90	3.13	2.90	0.15
11.35	1.06	0.85	0.31	13.95	3.14	2.91	0.14
11.40	1.09	0.88	0.33	14.00	3.15	2.92	0.14
11.45	1.11	0.90	0.35	14.05	3.16	2.92	0.14
11.50	1.14	0.92	0.36	14.10	3.16	2.93	0.14
11.55	1.18	0.96	0.38	14.15	3.17	2.94	0.13
11.60	1.22	1.00	0.43	14.20	3.18	2.95	0.13
11.65	1.26	1.04	0.51	14.25	3.19	2.96	0.13
11.70	1.30	1.08	0.57	14.30	3.20	2.96	0.13
11.75	1.35	1.14	0.61	14.35	3.20	2.97	0.12
11.80	1.41	1.19	0.68	14.40	3.21	2.98	0.12
11.85	1.49	1.27	0.77	14.45	3.22	2.99	0.12
11.90	1.57	1.34	0.90	14.50	3.23	2.99	0.12
11.95	1.70	1.48	1.08	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.35	14.60	3.24	3.01	0.11
12.05	2.06	1.83	1.72	14.65	3.25	3.01	0.11
12.10	2.28	2.06	2.24	14.70	3.25	3.02	0.11
12.15	2.36	2.13	2.72	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.65	14.80	3.26	3.03	0.10
12.25	2.50	2.27	2.10	14.85	3.27	3.04	0.10
12.30	2.55	2.32	1.58	14.90	3.28	3.04	0.10
12.35	2.59	2.36	1.24	14.95	3.28	3.05	0.10
12.40	2.63	2.40	1.01	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.84	15.05	3.29	3.06	0.09
12.50	2.71	2.48	0.73	15.10	3.30	3.07	0.09
12.55	2.74	2.51	0.67	15.15	3.30	3.07	0.09
12.60	2.76	2.53	0.59	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.51	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.45	15.30	3.32	3.09	0.08
12.75	2.83	2.60	0.41	15.35	3.32	3.09	0.08
12.80	2.85	2.62	0.38	15.40	3.33	3.10	0.08
12.85	2.87	2.64	0.36	15.45	3.34	3.10	0.08
12.90	2.89	2.66	0.34	15.50	3.34	3.11	0.08
12.95	2.91	2.68	0.33	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.08	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.08	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.08	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.07	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.07	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.07	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.07	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.07	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.07	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.06	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.06	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.06	19.65	3.64	3.41	0.04
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.04
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.04
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.04
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.04
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.04
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.04
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.04
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.05	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.05	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.05	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Summary for Subcatchment 9P: PDA-9 (pervious)

Runoff = 1.16 cfs @ 12.18 hrs, Volume= 0.088 af, Depth= 1.49"
 Routed to Pond B-9 : Basin #9

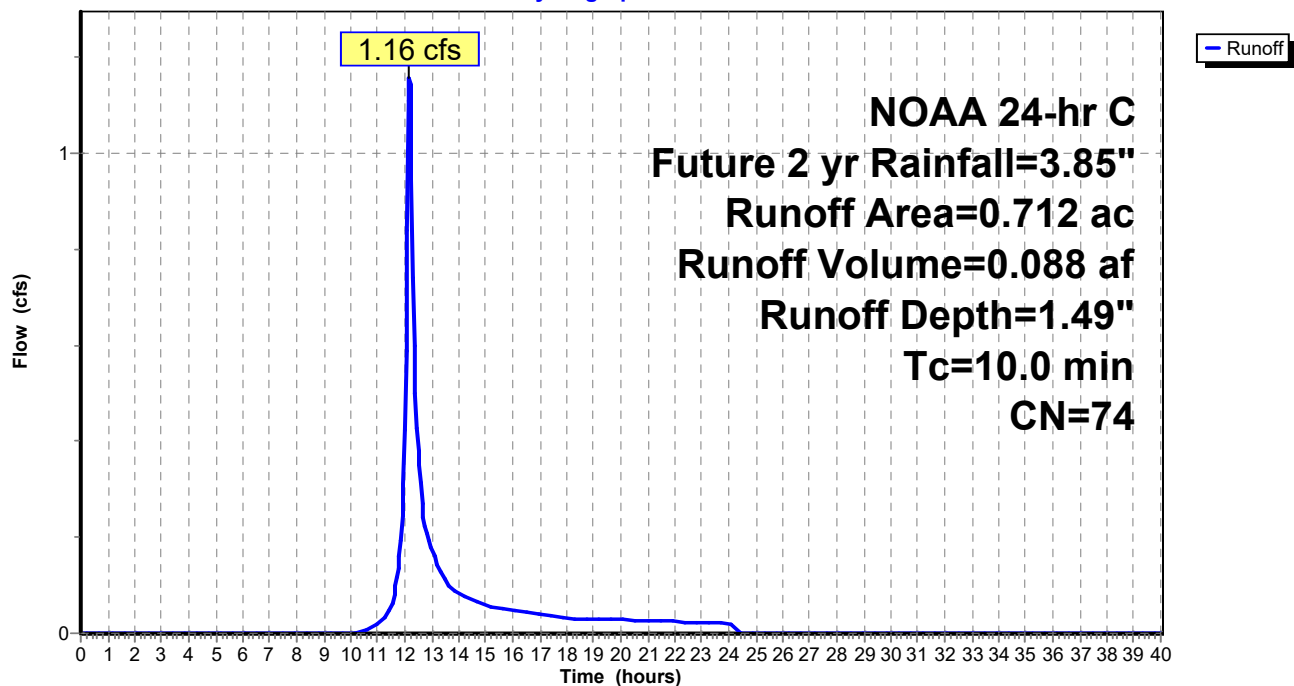
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.712	74	>75% Grass cover, Good, HSG C
0.712		100.00% Pervious Area

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

Subcatchment 9P: PDA-9 (pervious)

Hydrograph



Hydrograph for Subcatchment 9P: PDA-9 (pervious)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.17
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.16
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.16
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.15
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.14
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.13
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.13
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.12
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.12
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.11
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.11
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.10
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.10
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.10
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.09
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.09
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.09
11.25	1.02	0.03	0.03	13.85	3.12	0.99	0.09
11.30	1.04	0.03	0.04	13.90	3.13	0.99	0.09
11.35	1.06	0.03	0.04	13.95	3.14	1.00	0.08
11.40	1.09	0.04	0.05	14.00	3.15	1.00	0.08
11.45	1.11	0.04	0.05	14.05	3.16	1.01	0.08
11.50	1.14	0.05	0.06	14.10	3.16	1.01	0.08
11.55	1.18	0.06	0.07	14.15	3.17	1.02	0.08
11.60	1.22	0.07	0.08	14.20	3.18	1.02	0.08
11.65	1.26	0.08	0.10	14.25	3.19	1.03	0.08
11.70	1.30	0.09	0.12	14.30	3.20	1.03	0.08
11.75	1.35	0.10	0.14	14.35	3.20	1.04	0.07
11.80	1.41	0.12	0.16	14.40	3.21	1.04	0.07
11.85	1.49	0.14	0.19	14.45	3.22	1.05	0.07
11.90	1.57	0.17	0.24	14.50	3.23	1.05	0.07
11.95	1.70	0.22	0.31	14.55	3.23	1.06	0.07
12.00	1.83	0.28	0.42	14.60	3.24	1.06	0.07
12.05	2.06	0.38	0.59	14.65	3.25	1.07	0.07
12.10	2.28	0.49	0.84	14.70	3.25	1.07	0.07
12.15	2.36	0.53	1.11	14.75	3.26	1.08	0.06
12.20	2.44	0.57	1.14	14.80	3.26	1.08	0.06
12.25	2.50	0.61	0.94	14.85	3.27	1.08	0.06
12.30	2.55	0.64	0.74	14.90	3.28	1.09	0.06
12.35	2.59	0.66	0.60	14.95	3.28	1.09	0.06
12.40	2.63	0.69	0.50	15.00	3.29	1.10	0.06
12.45	2.67	0.71	0.43	15.05	3.29	1.10	0.06
12.50	2.71	0.73	0.38	15.10	3.30	1.10	0.05
12.55	2.74	0.75	0.35	15.15	3.30	1.11	0.05
12.60	2.76	0.76	0.31	15.20	3.31	1.11	0.05
12.65	2.79	0.78	0.27	15.25	3.31	1.11	0.05
12.70	2.81	0.79	0.24	15.30	3.32	1.12	0.05
12.75	2.83	0.80	0.22	15.35	3.32	1.12	0.05
12.80	2.85	0.82	0.21	15.40	3.33	1.12	0.05
12.85	2.87	0.83	0.20	15.45	3.34	1.13	0.05
12.90	2.89	0.84	0.19	15.50	3.34	1.13	0.05
12.95	2.91	0.85	0.18	15.55	3.35	1.13	0.05

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.05	18.20	3.56	1.28	0.03
15.65	3.36	1.14	0.05	18.25	3.56	1.28	0.03
15.70	3.36	1.14	0.05	18.30	3.56	1.28	0.03
15.75	3.36	1.15	0.05	18.35	3.57	1.29	0.03
15.80	3.37	1.15	0.05	18.40	3.57	1.29	0.03
15.85	3.37	1.15	0.05	18.45	3.57	1.29	0.03
15.90	3.38	1.16	0.05	18.50	3.58	1.29	0.03
15.95	3.38	1.16	0.05	18.55	3.58	1.29	0.03
16.00	3.39	1.16	0.05	18.60	3.58	1.30	0.03
16.05	3.39	1.17	0.05	18.65	3.58	1.30	0.03
16.10	3.40	1.17	0.05	18.70	3.59	1.30	0.03
16.15	3.40	1.17	0.05	18.75	3.59	1.30	0.03
16.20	3.41	1.18	0.05	18.80	3.59	1.30	0.03
16.25	3.41	1.18	0.04	18.85	3.60	1.31	0.03
16.30	3.42	1.18	0.04	18.90	3.60	1.31	0.03
16.35	3.42	1.19	0.04	18.95	3.60	1.31	0.03
16.40	3.42	1.19	0.04	19.00	3.61	1.31	0.03
16.45	3.43	1.19	0.04	19.05	3.61	1.32	0.03
16.50	3.43	1.19	0.04	19.10	3.61	1.32	0.03
16.55	3.44	1.20	0.04	19.15	3.61	1.32	0.03
16.60	3.44	1.20	0.04	19.20	3.62	1.32	0.03
16.65	3.45	1.20	0.04	19.25	3.62	1.32	0.03
16.70	3.45	1.21	0.04	19.30	3.62	1.33	0.03
16.75	3.45	1.21	0.04	19.35	3.63	1.33	0.03
16.80	3.46	1.21	0.04	19.40	3.63	1.33	0.03
16.85	3.46	1.21	0.04	19.45	3.63	1.33	0.03
16.90	3.47	1.22	0.04	19.50	3.63	1.33	0.03
16.95	3.47	1.22	0.04	19.55	3.64	1.34	0.03
17.00	3.47	1.22	0.04	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.04	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.04	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.04	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.04	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.04	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.04	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.04	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.04	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.04	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.03	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.03	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.03	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.03	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.03	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.03	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.03	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.03	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.03	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.03	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.03	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Summary for Subcatchment 10I: PDA-10 (impervious)

Runoff = 3.31 cfs @ 12.17 hrs, Volume= 0.286 af, Depth= 3.62"
 Routed to Pond B-10 : Basin #10

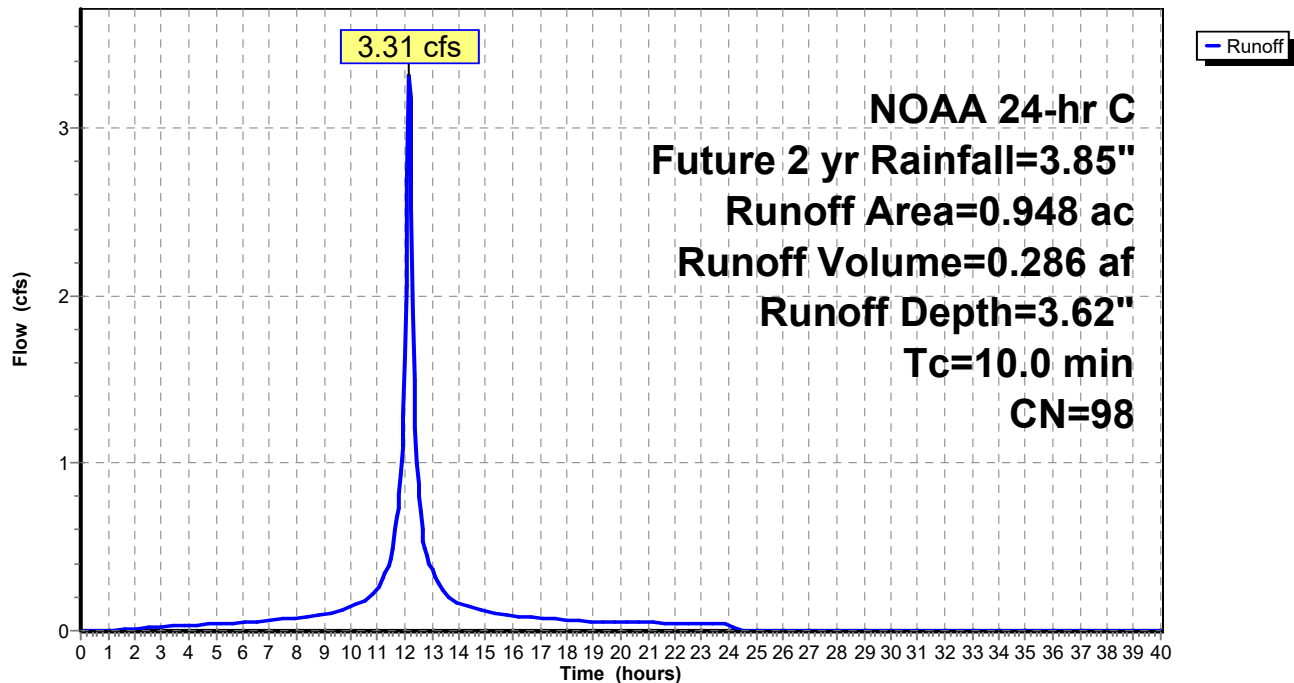
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.570	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.057	98	Concrete, HSG C
0.948	98	Weighted Average
0.948		100.00% Impervious Area

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

Subcatchment 10I: PDA-10 (impervious)

Hydrograph



Hydrograph for Subcatchment 10I: PDA-10 (impervious)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.08
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.08
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.08
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.08
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.08
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.05	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.05	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.05	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.05	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.05	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.05	8.50	0.51	0.33	0.09
5.95	0.30	0.15	0.05	8.55	0.51	0.33	0.09
6.00	0.31	0.15	0.05	8.60	0.52	0.34	0.09
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.09
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.09
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.09
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.10
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.10
6.60	0.35	0.18	0.06	9.20	0.59	0.40	0.10
6.65	0.35	0.19	0.06	9.25	0.59	0.40	0.10
6.70	0.35	0.19	0.06	9.30	0.60	0.41	0.11
6.75	0.36	0.19	0.06	9.35	0.60	0.41	0.11
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.11
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.11
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.12
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.12
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.12
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.12
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.13
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.13
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.13
7.25	0.40	0.23	0.07	9.85	0.68	0.48	0.14
7.30	0.40	0.23	0.07	9.90	0.69	0.49	0.14
7.35	0.40	0.23	0.07	9.95	0.69	0.50	0.14
7.40	0.41	0.24	0.07	10.00	0.70	0.51	0.14
7.45	0.41	0.24	0.07	10.05	0.71	0.51	0.15
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.15
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.15
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.15
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.16
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.16
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.16

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.17	13.00	2.93	2.69	0.37
10.45	0.78	0.58	0.17	13.05	2.94	2.71	0.35
10.50	0.79	0.59	0.17	13.10	2.96	2.73	0.33
10.55	0.80	0.60	0.17	13.15	2.97	2.74	0.31
10.60	0.82	0.61	0.18	13.20	2.98	2.75	0.30
10.65	0.83	0.62	0.19	13.25	3.00	2.77	0.28
10.70	0.84	0.64	0.20	13.30	3.01	2.78	0.27
10.75	0.85	0.65	0.21	13.35	3.02	2.79	0.26
10.80	0.87	0.66	0.22	13.40	3.03	2.80	0.25
10.85	0.88	0.67	0.23	13.45	3.05	2.81	0.24
10.90	0.89	0.69	0.24	13.50	3.06	2.82	0.23
10.95	0.91	0.70	0.25	13.55	3.07	2.83	0.22
11.00	0.92	0.72	0.26	13.60	3.08	2.84	0.21
11.05	0.94	0.73	0.27	13.65	3.09	2.85	0.20
11.10	0.96	0.75	0.28	13.70	3.09	2.86	0.19
11.15	0.98	0.77	0.30	13.75	3.10	2.87	0.18
11.20	1.00	0.79	0.32	13.80	3.11	2.88	0.18
11.25	1.02	0.81	0.34	13.85	3.12	2.89	0.18
11.30	1.04	0.83	0.36	13.90	3.13	2.90	0.17
11.35	1.06	0.85	0.38	13.95	3.14	2.91	0.17
11.40	1.09	0.88	0.40	14.00	3.15	2.92	0.17
11.45	1.11	0.90	0.42	14.05	3.16	2.92	0.17
11.50	1.14	0.92	0.43	14.10	3.16	2.93	0.16
11.55	1.18	0.96	0.46	14.15	3.17	2.94	0.16
11.60	1.22	1.00	0.52	14.20	3.18	2.95	0.16
11.65	1.26	1.04	0.61	14.25	3.19	2.96	0.16
11.70	1.30	1.08	0.68	14.30	3.20	2.96	0.15
11.75	1.35	1.14	0.73	14.35	3.20	2.97	0.15
11.80	1.41	1.19	0.81	14.40	3.21	2.98	0.15
11.85	1.49	1.27	0.93	14.45	3.22	2.99	0.14
11.90	1.57	1.34	1.08	14.50	3.23	2.99	0.14
11.95	1.70	1.48	1.29	14.55	3.23	3.00	0.14
12.00	1.83	1.61	1.62	14.60	3.24	3.01	0.14
12.05	2.06	1.83	2.06	14.65	3.25	3.01	0.13
12.10	2.28	2.06	2.68	14.70	3.25	3.02	0.13
12.15	2.36	2.13	3.27	14.75	3.26	3.03	0.13
12.20	2.44	2.21	3.18	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.52	14.85	3.27	3.04	0.12
12.30	2.55	2.32	1.90	14.90	3.28	3.04	0.12
12.35	2.59	2.36	1.49	14.95	3.28	3.05	0.12
12.40	2.63	2.40	1.21	15.00	3.29	3.05	0.11
12.45	2.67	2.44	1.01	15.05	3.29	3.06	0.11
12.50	2.71	2.48	0.88	15.10	3.30	3.07	0.11
12.55	2.74	2.51	0.80	15.15	3.30	3.07	0.11
12.60	2.76	2.53	0.71	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.61	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.53	15.30	3.32	3.09	0.10
12.75	2.83	2.60	0.49	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.46	15.40	3.33	3.10	0.10
12.85	2.87	2.64	0.43	15.45	3.34	3.10	0.10
12.90	2.89	2.66	0.41	15.50	3.34	3.11	0.10
12.95	2.91	2.68	0.39	15.55	3.35	3.11	0.10

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.10	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.10	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.10	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.06
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.06
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.06
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.06
16.10	3.40	3.16	0.09	18.70	3.59	3.35	0.06
16.15	3.40	3.17	0.09	18.75	3.59	3.36	0.06
16.20	3.41	3.17	0.09	18.80	3.59	3.36	0.06
16.25	3.41	3.18	0.09	18.85	3.60	3.36	0.06
16.30	3.42	3.18	0.09	18.90	3.60	3.37	0.06
16.35	3.42	3.19	0.09	18.95	3.60	3.37	0.06
16.40	3.42	3.19	0.09	19.00	3.61	3.37	0.06
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.06
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.06
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.06
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.06
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.06
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.06
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.08	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.08	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.08	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.08	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.08	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.08	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.07	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.07	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.07	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.07	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.07	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.05	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.05	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.05	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.05	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.05	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.05	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.05	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.05	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Summary for Subcatchment 10P: PDA-10 (pervious)

Runoff = 1.18 cfs @ 12.18 hrs, Volume= 0.090 af, Depth= 1.49"
 Routed to Pond B-10 : Basin #10

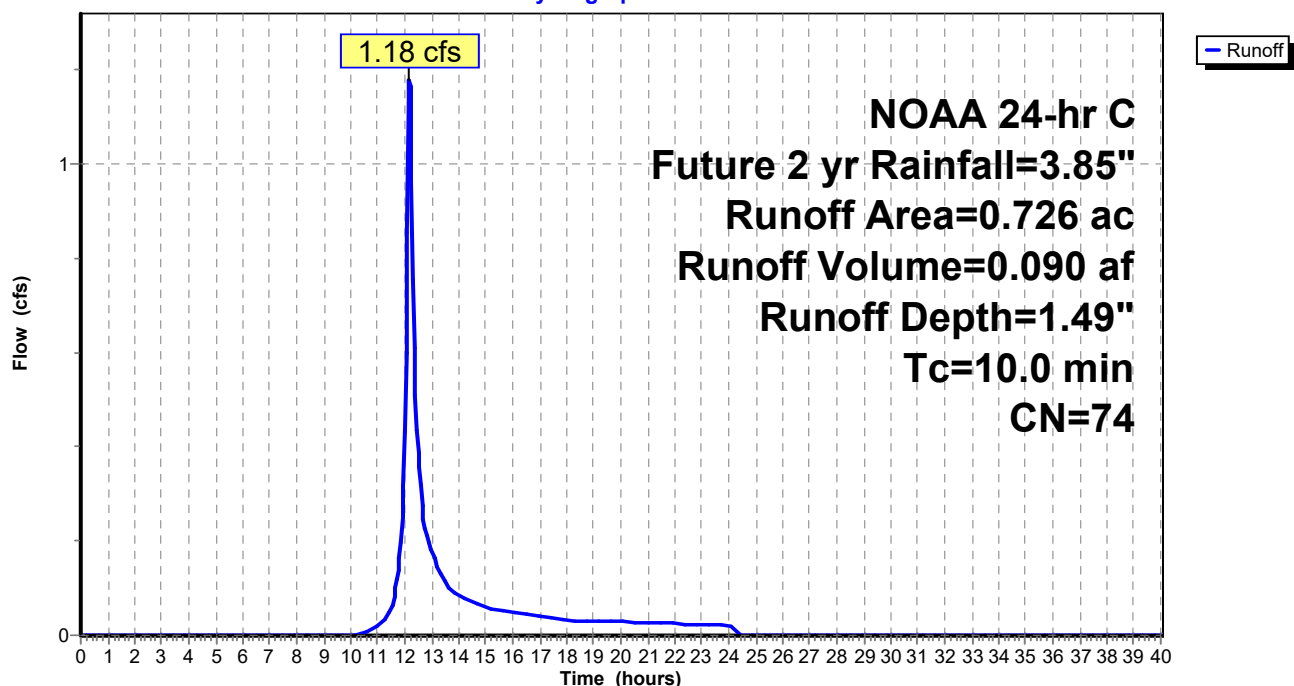
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.726	74	>75% Grass cover, Good, HSG C
0.726		100.00% Pervious Area

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

Subcatchment 10P: PDA-10 (pervious)

Hydrograph



Hydrograph for Subcatchment 10P: PDA-10 (pervious)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.18
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.17
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.16
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.15
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.14
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.14
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.13
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.13
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.12
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.12
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.11
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.11
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.10
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.10
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.09
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.09
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.09
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.09
11.30	1.04	0.03	0.04	13.90	3.13	0.99	0.09
11.35	1.06	0.03	0.04	13.95	3.14	1.00	0.09
11.40	1.09	0.04	0.05	14.00	3.15	1.00	0.08
11.45	1.11	0.04	0.06	14.05	3.16	1.01	0.08
11.50	1.14	0.05	0.06	14.10	3.16	1.01	0.08
11.55	1.18	0.06	0.07	14.15	3.17	1.02	0.08
11.60	1.22	0.07	0.08	14.20	3.18	1.02	0.08
11.65	1.26	0.08	0.10	14.25	3.19	1.03	0.08
11.70	1.30	0.09	0.12	14.30	3.20	1.03	0.08
11.75	1.35	0.10	0.14	14.35	3.20	1.04	0.08
11.80	1.41	0.12	0.16	14.40	3.21	1.04	0.07
11.85	1.49	0.14	0.20	14.45	3.22	1.05	0.07
11.90	1.57	0.17	0.25	14.50	3.23	1.05	0.07
11.95	1.70	0.22	0.32	14.55	3.23	1.06	0.07
12.00	1.83	0.28	0.43	14.60	3.24	1.06	0.07
12.05	2.06	0.38	0.60	14.65	3.25	1.07	0.07
12.10	2.28	0.49	0.85	14.70	3.25	1.07	0.07
12.15	2.36	0.53	1.13	14.75	3.26	1.08	0.07
12.20	2.44	0.57	1.16	14.80	3.26	1.08	0.06
12.25	2.50	0.61	0.96	14.85	3.27	1.08	0.06
12.30	2.55	0.64	0.75	14.90	3.28	1.09	0.06
12.35	2.59	0.66	0.61	14.95	3.28	1.09	0.06
12.40	2.63	0.69	0.51	15.00	3.29	1.10	0.06
12.45	2.67	0.71	0.43	15.05	3.29	1.10	0.06
12.50	2.71	0.73	0.39	15.10	3.30	1.10	0.06
12.55	2.74	0.75	0.36	15.15	3.30	1.11	0.05
12.60	2.76	0.76	0.32	15.20	3.31	1.11	0.05
12.65	2.79	0.78	0.28	15.25	3.31	1.11	0.05
12.70	2.81	0.79	0.25	15.30	3.32	1.12	0.05
12.75	2.83	0.80	0.23	15.35	3.32	1.12	0.05
12.80	2.85	0.82	0.21	15.40	3.33	1.12	0.05
12.85	2.87	0.83	0.20	15.45	3.34	1.13	0.05
12.90	2.89	0.84	0.19	15.50	3.34	1.13	0.05
12.95	2.91	0.85	0.18	15.55	3.35	1.13	0.05

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.05	18.20	3.56	1.28	0.03
15.65	3.36	1.14	0.05	18.25	3.56	1.28	0.03
15.70	3.36	1.14	0.05	18.30	3.56	1.28	0.03
15.75	3.36	1.15	0.05	18.35	3.57	1.29	0.03
15.80	3.37	1.15	0.05	18.40	3.57	1.29	0.03
15.85	3.37	1.15	0.05	18.45	3.57	1.29	0.03
15.90	3.38	1.16	0.05	18.50	3.58	1.29	0.03
15.95	3.38	1.16	0.05	18.55	3.58	1.29	0.03
16.00	3.39	1.16	0.05	18.60	3.58	1.30	0.03
16.05	3.39	1.17	0.05	18.65	3.58	1.30	0.03
16.10	3.40	1.17	0.05	18.70	3.59	1.30	0.03
16.15	3.40	1.17	0.05	18.75	3.59	1.30	0.03
16.20	3.41	1.18	0.05	18.80	3.59	1.30	0.03
16.25	3.41	1.18	0.05	18.85	3.60	1.31	0.03
16.30	3.42	1.18	0.05	18.90	3.60	1.31	0.03
16.35	3.42	1.19	0.05	18.95	3.60	1.31	0.03
16.40	3.42	1.19	0.04	19.00	3.61	1.31	0.03
16.45	3.43	1.19	0.04	19.05	3.61	1.32	0.03
16.50	3.43	1.19	0.04	19.10	3.61	1.32	0.03
16.55	3.44	1.20	0.04	19.15	3.61	1.32	0.03
16.60	3.44	1.20	0.04	19.20	3.62	1.32	0.03
16.65	3.45	1.20	0.04	19.25	3.62	1.32	0.03
16.70	3.45	1.21	0.04	19.30	3.62	1.33	0.03
16.75	3.45	1.21	0.04	19.35	3.63	1.33	0.03
16.80	3.46	1.21	0.04	19.40	3.63	1.33	0.03
16.85	3.46	1.21	0.04	19.45	3.63	1.33	0.03
16.90	3.47	1.22	0.04	19.50	3.63	1.33	0.03
16.95	3.47	1.22	0.04	19.55	3.64	1.34	0.03
17.00	3.47	1.22	0.04	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.04	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.04	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.04	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.04	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.04	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.04	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.04	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.04	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.04	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.03	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.03	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.03	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.03	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.03	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.03	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.03	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.03	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.03	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

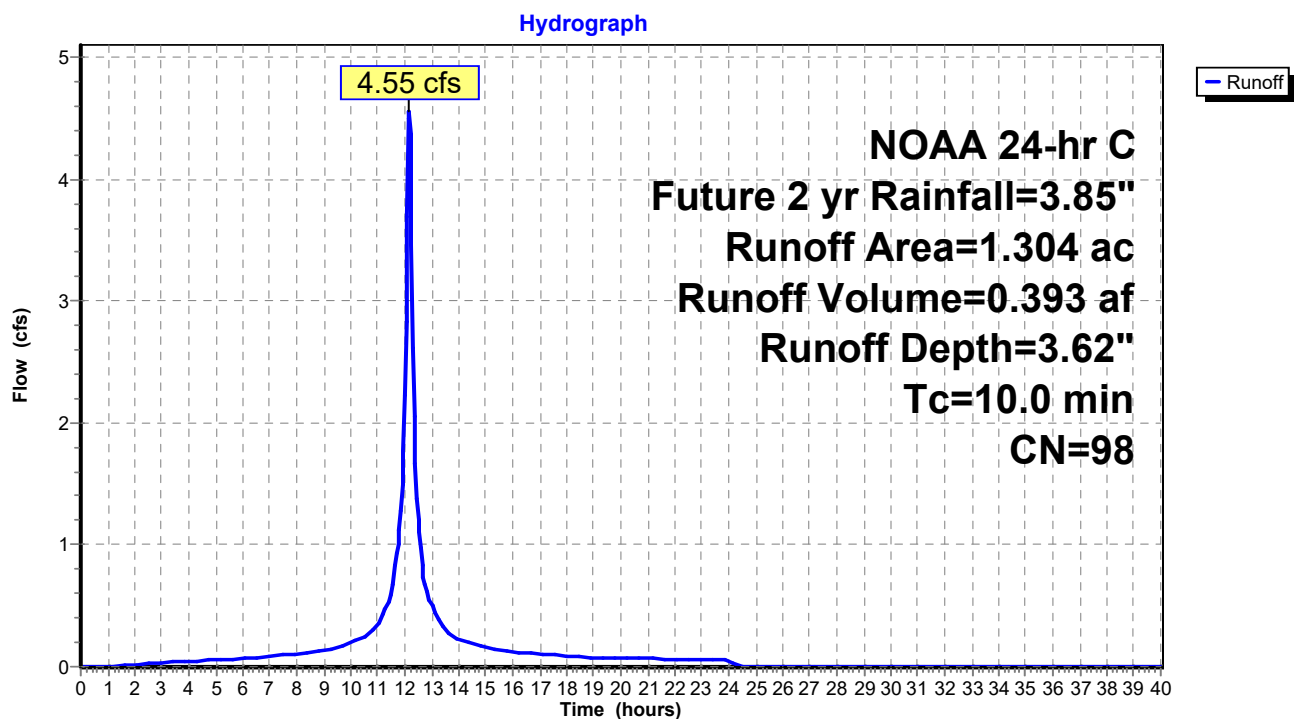
Summary for Subcatchment 11I: PDA-11 (impervious)

Runoff = 4.55 cfs @ 12.17 hrs, Volume= 0.393 af, Depth= 3.62"
 Routed to Pond B-11 : Basin #11

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

Area (ac)	CN	Description
* 0.166	98	Concrete, HSG C
0.231	98	Roofs, HSG C
0.907	98	Paved roads w/curbs & sewers, HSG C
1.304	98	Weighted Average
1.304		100.00% Impervious Area

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

Subcatchment 11I: PDA-11 (impervious)

Hydrograph for Subcatchment 11I: PDA-11 (impervious)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.23	13.00	2.93	2.69	0.51
10.45	0.78	0.58	0.23	13.05	2.94	2.71	0.48
10.50	0.79	0.59	0.24	13.10	2.96	2.73	0.46
10.55	0.80	0.60	0.24	13.15	2.97	2.74	0.43
10.60	0.82	0.61	0.25	13.20	2.98	2.75	0.41
10.65	0.83	0.62	0.26	13.25	3.00	2.77	0.39
10.70	0.84	0.64	0.27	13.30	3.01	2.78	0.37
10.75	0.85	0.65	0.29	13.35	3.02	2.79	0.36
10.80	0.87	0.66	0.30	13.40	3.03	2.80	0.34
10.85	0.88	0.67	0.31	13.45	3.05	2.81	0.33
10.90	0.89	0.69	0.33	13.50	3.06	2.82	0.31
10.95	0.91	0.70	0.34	13.55	3.07	2.83	0.30
11.00	0.92	0.72	0.36	13.60	3.08	2.84	0.29
11.05	0.94	0.73	0.37	13.65	3.09	2.85	0.27
11.10	0.96	0.75	0.39	13.70	3.09	2.86	0.26
11.15	0.98	0.77	0.41	13.75	3.10	2.87	0.25
11.20	1.00	0.79	0.44	13.80	3.11	2.88	0.25
11.25	1.02	0.81	0.47	13.85	3.12	2.89	0.24
11.30	1.04	0.83	0.49	13.90	3.13	2.90	0.24
11.35	1.06	0.85	0.52	13.95	3.14	2.91	0.24
11.40	1.09	0.88	0.55	14.00	3.15	2.92	0.23
11.45	1.11	0.90	0.57	14.05	3.16	2.92	0.23
11.50	1.14	0.92	0.60	14.10	3.16	2.93	0.22
11.55	1.18	0.96	0.63	14.15	3.17	2.94	0.22
11.60	1.22	1.00	0.72	14.20	3.18	2.95	0.22
11.65	1.26	1.04	0.84	14.25	3.19	2.96	0.21
11.70	1.30	1.08	0.93	14.30	3.20	2.96	0.21
11.75	1.35	1.14	1.01	14.35	3.20	2.97	0.21
11.80	1.41	1.19	1.12	14.40	3.21	2.98	0.20
11.85	1.49	1.27	1.28	14.45	3.22	2.99	0.20
11.90	1.57	1.34	1.49	14.50	3.23	2.99	0.19
11.95	1.70	1.48	1.77	14.55	3.23	3.00	0.19
12.00	1.83	1.61	2.22	14.60	3.24	3.01	0.19
12.05	2.06	1.83	2.84	14.65	3.25	3.01	0.18
12.10	2.28	2.06	3.69	14.70	3.25	3.02	0.18
12.15	2.36	2.13	4.49	14.75	3.26	3.03	0.18
12.20	2.44	2.21	4.37	14.80	3.26	3.03	0.17
12.25	2.50	2.27	3.46	14.85	3.27	3.04	0.17
12.30	2.55	2.32	2.61	14.90	3.28	3.04	0.16
12.35	2.59	2.36	2.05	14.95	3.28	3.05	0.16
12.40	2.63	2.40	1.66	15.00	3.29	3.05	0.16
12.45	2.67	2.44	1.39	15.05	3.29	3.06	0.15
12.50	2.71	2.48	1.21	15.10	3.30	3.07	0.15
12.55	2.74	2.51	1.10	15.15	3.30	3.07	0.15
12.60	2.76	2.53	0.98	15.20	3.31	3.08	0.14
12.65	2.79	2.56	0.84	15.25	3.31	3.08	0.14
12.70	2.81	2.58	0.73	15.30	3.32	3.09	0.14
12.75	2.83	2.60	0.67	15.35	3.32	3.09	0.14
12.80	2.85	2.62	0.63	15.40	3.33	3.10	0.14
12.85	2.87	2.64	0.60	15.45	3.34	3.10	0.14
12.90	2.89	2.66	0.57	15.50	3.34	3.11	0.14
12.95	2.91	2.68	0.54	15.55	3.35	3.11	0.13

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.13	18.20	3.56	3.32	0.08
15.65	3.36	3.12	0.13	18.25	3.56	3.33	0.08
15.70	3.36	3.13	0.13	18.30	3.56	3.33	0.08
15.75	3.36	3.13	0.13	18.35	3.57	3.33	0.08
15.80	3.37	3.14	0.13	18.40	3.57	3.34	0.08
15.85	3.37	3.14	0.13	18.45	3.57	3.34	0.08
15.90	3.38	3.15	0.13	18.50	3.58	3.34	0.08
15.95	3.38	3.15	0.13	18.55	3.58	3.34	0.08
16.00	3.39	3.16	0.13	18.60	3.58	3.35	0.08
16.05	3.39	3.16	0.12	18.65	3.58	3.35	0.08
16.10	3.40	3.16	0.12	18.70	3.59	3.35	0.08
16.15	3.40	3.17	0.12	18.75	3.59	3.36	0.08
16.20	3.41	3.17	0.12	18.80	3.59	3.36	0.08
16.25	3.41	3.18	0.12	18.85	3.60	3.36	0.08
16.30	3.42	3.18	0.12	18.90	3.60	3.37	0.08
16.35	3.42	3.19	0.12	18.95	3.60	3.37	0.08
16.40	3.42	3.19	0.12	19.00	3.61	3.37	0.08
16.45	3.43	3.20	0.12	19.05	3.61	3.37	0.08
16.50	3.43	3.20	0.12	19.10	3.61	3.38	0.08
16.55	3.44	3.20	0.11	19.15	3.61	3.38	0.08
16.60	3.44	3.21	0.11	19.20	3.62	3.38	0.08
16.65	3.45	3.21	0.11	19.25	3.62	3.39	0.08
16.70	3.45	3.22	0.11	19.30	3.62	3.39	0.08
16.75	3.45	3.22	0.11	19.35	3.63	3.39	0.08
16.80	3.46	3.23	0.11	19.40	3.63	3.39	0.08
16.85	3.46	3.23	0.11	19.45	3.63	3.40	0.07
16.90	3.47	3.23	0.11	19.50	3.63	3.40	0.07
16.95	3.47	3.24	0.11	19.55	3.64	3.40	0.07
17.00	3.47	3.24	0.11	19.60	3.64	3.41	0.07
17.05	3.48	3.24	0.10	19.65	3.64	3.41	0.07
17.10	3.48	3.25	0.10	19.70	3.65	3.41	0.07
17.15	3.49	3.25	0.10	19.75	3.65	3.41	0.07
17.20	3.49	3.26	0.10	19.80	3.65	3.42	0.07
17.25	3.49	3.26	0.10	19.85	3.65	3.42	0.07
17.30	3.50	3.26	0.10	19.90	3.66	3.42	0.07
17.35	3.50	3.27	0.10	19.95	3.66	3.42	0.07
17.40	3.50	3.27	0.10	20.00	3.66	3.43	0.07
17.45	3.51	3.27	0.10	20.05	3.66	3.43	0.07
17.50	3.51	3.28	0.10	20.10	3.67	3.43	0.07
17.55	3.52	3.28	0.09	20.15	3.67	3.44	0.07
17.60	3.52	3.28	0.09	20.20	3.67	3.44	0.07
17.65	3.52	3.29	0.09	20.25	3.68	3.44	0.07
17.70	3.53	3.29	0.09	20.30	3.68	3.44	0.07
17.75	3.53	3.30	0.09	20.35	3.68	3.45	0.07
17.80	3.53	3.30	0.09	20.40	3.68	3.45	0.07
17.85	3.54	3.30	0.09	20.45	3.69	3.45	0.07
17.90	3.54	3.30	0.09	20.50	3.69	3.45	0.07
17.95	3.54	3.31	0.09	20.55	3.69	3.46	0.07
18.00	3.54	3.31	0.09	20.60	3.69	3.46	0.07
18.05	3.55	3.31	0.08	20.65	3.70	3.46	0.07
18.10	3.55	3.32	0.08	20.70	3.70	3.46	0.07
18.15	3.55	3.32	0.08	20.75	3.70	3.47	0.07

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.07	23.40	3.82	3.59	0.06
20.85	3.71	3.47	0.07	23.45	3.83	3.59	0.06
20.90	3.71	3.47	0.07	23.50	3.83	3.59	0.05
20.95	3.71	3.48	0.07	23.55	3.83	3.60	0.05
21.00	3.71	3.48	0.07	23.60	3.83	3.60	0.05
21.05	3.72	3.48	0.07	23.65	3.84	3.60	0.05
21.10	3.72	3.49	0.07	23.70	3.84	3.60	0.05
21.15	3.72	3.49	0.07	23.75	3.84	3.60	0.05
21.20	3.72	3.49	0.07	23.80	3.84	3.61	0.05
21.25	3.73	3.49	0.07	23.85	3.84	3.61	0.05
21.30	3.73	3.50	0.07	23.90	3.85	3.61	0.05
21.35	3.73	3.50	0.07	23.95	3.85	3.61	0.05
21.40	3.73	3.50	0.07	24.00	3.85	3.62	0.06
21.45	3.74	3.50	0.07	24.05	3.85	3.62	0.06
21.50	3.74	3.50	0.06	24.10	3.85	3.62	0.05
21.55	3.74	3.51	0.06	24.15	3.85	3.62	0.03
21.60	3.74	3.51	0.06	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.06	24.25	3.85	3.62	0.01
21.70	3.75	3.51	0.06	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.06	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.06	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.06	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.06	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.06	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.06	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.06	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.06	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.06	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.06	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.06	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.06	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.06	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.06	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.06	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.06	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.06	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.06	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.06	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.06	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.06	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.06	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.06	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.06	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.06	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.06	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.06	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.06	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.06	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.06	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.06	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.06	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.06	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Summary for Subcatchment 11P: PDA-11 (pervious)

Runoff = 1.50 cfs @ 12.18 hrs, Volume= 0.115 af, Depth= 1.49"
Routed to Pond B-11 : Basin #11

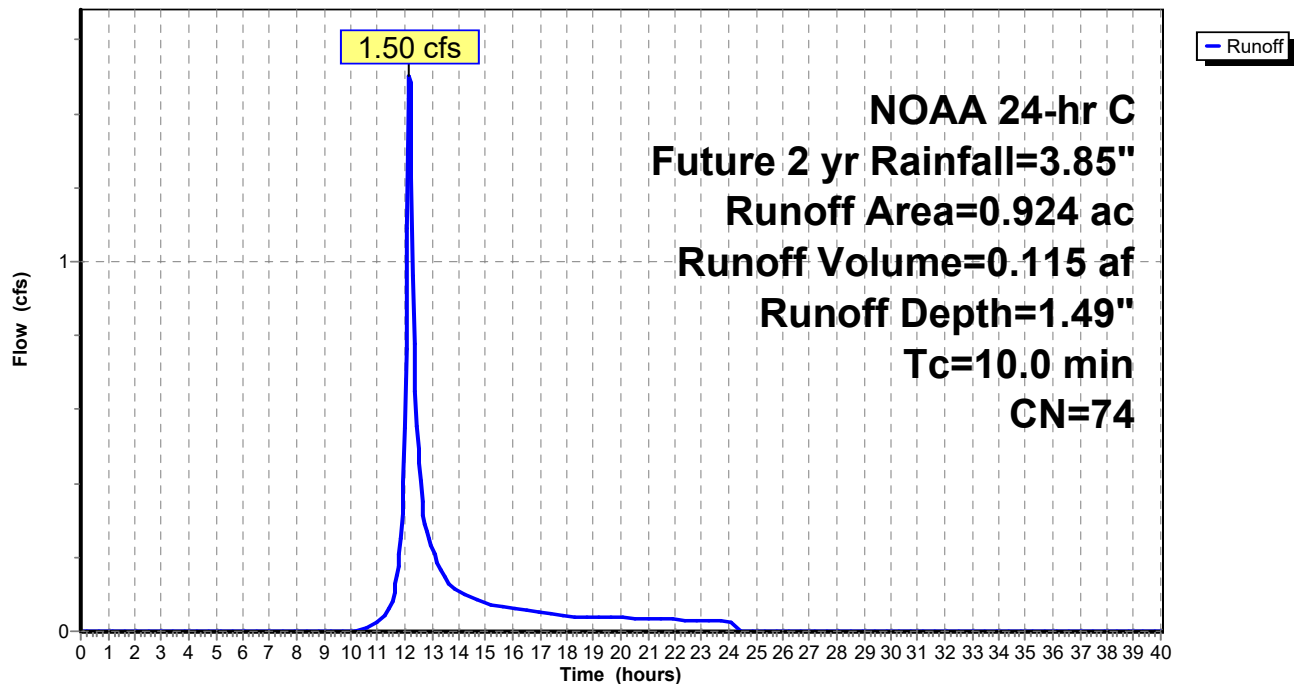
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.924	74	>75% Grass cover, Good, HSG C
0.924		100.00% Pervious Area

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

Subcatchment 11P: PDA-11 (pervious)

Hydrograph



Hydrograph for Subcatchment 11P: PDA-11 (pervious)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.22
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.21
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.20
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.19
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.18
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.17
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.17
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.16
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.15
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.15
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.14
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.14
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.13
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.12
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.12
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.12
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.11
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.11
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.11
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.11
11.40	1.09	0.04	0.06	14.00	3.15	1.00	0.11
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.11
11.50	1.14	0.05	0.08	14.10	3.16	1.01	0.10
11.55	1.18	0.06	0.09	14.15	3.17	1.02	0.10
11.60	1.22	0.07	0.10	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.13	14.25	3.19	1.03	0.10
11.70	1.30	0.09	0.15	14.30	3.20	1.03	0.10
11.75	1.35	0.10	0.18	14.35	3.20	1.04	0.10
11.80	1.41	0.12	0.21	14.40	3.21	1.04	0.09
11.85	1.49	0.14	0.25	14.45	3.22	1.05	0.09
11.90	1.57	0.17	0.32	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.40	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.55	14.60	3.24	1.06	0.09
12.05	2.06	0.38	0.76	14.65	3.25	1.07	0.09
12.10	2.28	0.49	1.09	14.70	3.25	1.07	0.08
12.15	2.36	0.53	1.44	14.75	3.26	1.08	0.08
12.20	2.44	0.57	1.48	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.23	14.85	3.27	1.08	0.08
12.30	2.55	0.64	0.96	14.90	3.28	1.09	0.08
12.35	2.59	0.66	0.78	14.95	3.28	1.09	0.08
12.40	2.63	0.69	0.65	15.00	3.29	1.10	0.07
12.45	2.67	0.71	0.55	15.05	3.29	1.10	0.07
12.50	2.71	0.73	0.49	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.45	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.41	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.35	15.25	3.31	1.11	0.07
12.70	2.81	0.79	0.31	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.29	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.27	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.26	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.25	15.50	3.34	1.13	0.06
12.95	2.91	0.85	0.24	15.55	3.35	1.13	0.06

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.06	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.06	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.06	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.06	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.06	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.06	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.06	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.06	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.06	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.06	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.06	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.06	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.06	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.06	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.06	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.06	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.06	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.06	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.06	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.06	19.15	3.61	1.32	0.04
16.60	3.44	1.20	0.06	19.20	3.62	1.32	0.04
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.04
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.04
16.75	3.45	1.21	0.05	19.35	3.63	1.33	0.04
16.80	3.46	1.21	0.05	19.40	3.63	1.33	0.04
16.85	3.46	1.21	0.05	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.05	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.05	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.05	19.60	3.64	1.34	0.04
17.05	3.48	1.22	0.05	19.65	3.64	1.34	0.04
17.10	3.48	1.23	0.05	19.70	3.65	1.34	0.04
17.15	3.49	1.23	0.05	19.75	3.65	1.34	0.04
17.20	3.49	1.23	0.05	19.80	3.65	1.34	0.04
17.25	3.49	1.24	0.05	19.85	3.65	1.35	0.04
17.30	3.50	1.24	0.05	19.90	3.66	1.35	0.04
17.35	3.50	1.24	0.05	19.95	3.66	1.35	0.04
17.40	3.50	1.24	0.05	20.00	3.66	1.35	0.04
17.45	3.51	1.25	0.05	20.05	3.66	1.35	0.04
17.50	3.51	1.25	0.05	20.10	3.67	1.36	0.04
17.55	3.52	1.25	0.05	20.15	3.67	1.36	0.04
17.60	3.52	1.25	0.05	20.20	3.67	1.36	0.04
17.65	3.52	1.26	0.05	20.25	3.68	1.36	0.04
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.04
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.04
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.04
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.04
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.04
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.04	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.04	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.04	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Summary for Subcatchment 12I: PDA-12 (impervious)

Runoff = 3.79 cfs @ 12.17 hrs, Volume= 0.327 af, Depth= 3.62"
 Routed to Pond B-12 : Basin #12

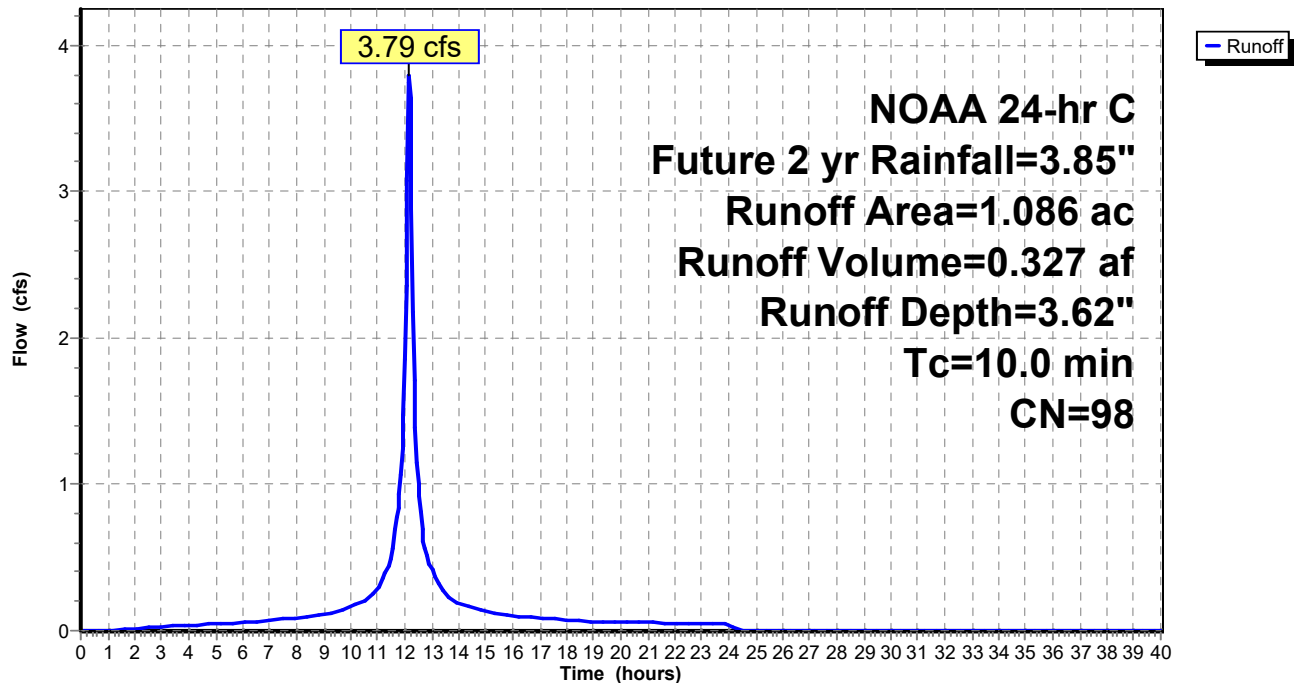
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.404	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.039	98	Concrete, HSG C
1.086	98	Weighted Average
1.086		100.00% Impervious Area

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

Subcatchment 12I: PDA-12 (impervious)

Hydrograph



Hydrograph for Subcatchment 12I: PDA-12 (impervious)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.19	13.00	2.93	2.69	0.43
10.45	0.78	0.58	0.19	13.05	2.94	2.71	0.40
10.50	0.79	0.59	0.20	13.10	2.96	2.73	0.38
10.55	0.80	0.60	0.20	13.15	2.97	2.74	0.36
10.60	0.82	0.61	0.21	13.20	2.98	2.75	0.34
10.65	0.83	0.62	0.22	13.25	3.00	2.77	0.32
10.70	0.84	0.64	0.23	13.30	3.01	2.78	0.31
10.75	0.85	0.65	0.24	13.35	3.02	2.79	0.30
10.80	0.87	0.66	0.25	13.40	3.03	2.80	0.29
10.85	0.88	0.67	0.26	13.45	3.05	2.81	0.27
10.90	0.89	0.69	0.27	13.50	3.06	2.82	0.26
10.95	0.91	0.70	0.29	13.55	3.07	2.83	0.25
11.00	0.92	0.72	0.30	13.60	3.08	2.84	0.24
11.05	0.94	0.73	0.31	13.65	3.09	2.85	0.23
11.10	0.96	0.75	0.33	13.70	3.09	2.86	0.22
11.15	0.98	0.77	0.35	13.75	3.10	2.87	0.21
11.20	1.00	0.79	0.37	13.80	3.11	2.88	0.21
11.25	1.02	0.81	0.39	13.85	3.12	2.89	0.20
11.30	1.04	0.83	0.41	13.90	3.13	2.90	0.20
11.35	1.06	0.85	0.43	13.95	3.14	2.91	0.20
11.40	1.09	0.88	0.45	14.00	3.15	2.92	0.19
11.45	1.11	0.90	0.48	14.05	3.16	2.92	0.19
11.50	1.14	0.92	0.50	14.10	3.16	2.93	0.19
11.55	1.18	0.96	0.53	14.15	3.17	2.94	0.18
11.60	1.22	1.00	0.60	14.20	3.18	2.95	0.18
11.65	1.26	1.04	0.70	14.25	3.19	2.96	0.18
11.70	1.30	1.08	0.78	14.30	3.20	2.96	0.17
11.75	1.35	1.14	0.84	14.35	3.20	2.97	0.17
11.80	1.41	1.19	0.93	14.40	3.21	2.98	0.17
11.85	1.49	1.27	1.06	14.45	3.22	2.99	0.17
11.90	1.57	1.34	1.24	14.50	3.23	2.99	0.16
11.95	1.70	1.48	1.48	14.55	3.23	3.00	0.16
12.00	1.83	1.61	1.85	14.60	3.24	3.01	0.16
12.05	2.06	1.83	2.36	14.65	3.25	3.01	0.15
12.10	2.28	2.06	3.07	14.70	3.25	3.02	0.15
12.15	2.36	2.13	3.74	14.75	3.26	3.03	0.15
12.20	2.44	2.21	3.64	14.80	3.26	3.03	0.14
12.25	2.50	2.27	2.88	14.85	3.27	3.04	0.14
12.30	2.55	2.32	2.17	14.90	3.28	3.04	0.14
12.35	2.59	2.36	1.71	14.95	3.28	3.05	0.13
12.40	2.63	2.40	1.38	15.00	3.29	3.05	0.13
12.45	2.67	2.44	1.15	15.05	3.29	3.06	0.13
12.50	2.71	2.48	1.01	15.10	3.30	3.07	0.12
12.55	2.74	2.51	0.92	15.15	3.30	3.07	0.12
12.60	2.76	2.53	0.81	15.20	3.31	3.08	0.12
12.65	2.79	2.56	0.70	15.25	3.31	3.08	0.12
12.70	2.81	2.58	0.61	15.30	3.32	3.09	0.12
12.75	2.83	2.60	0.56	15.35	3.32	3.09	0.12
12.80	2.85	2.62	0.53	15.40	3.33	3.10	0.11
12.85	2.87	2.64	0.50	15.45	3.34	3.10	0.11
12.90	2.89	2.66	0.47	15.50	3.34	3.11	0.11
12.95	2.91	2.68	0.45	15.55	3.35	3.11	0.11

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.11	18.20	3.56	3.32	0.07
15.65	3.36	3.12	0.11	18.25	3.56	3.33	0.07
15.70	3.36	3.13	0.11	18.30	3.56	3.33	0.07
15.75	3.36	3.13	0.11	18.35	3.57	3.33	0.07
15.80	3.37	3.14	0.11	18.40	3.57	3.34	0.07
15.85	3.37	3.14	0.11	18.45	3.57	3.34	0.07
15.90	3.38	3.15	0.11	18.50	3.58	3.34	0.07
15.95	3.38	3.15	0.11	18.55	3.58	3.34	0.07
16.00	3.39	3.16	0.10	18.60	3.58	3.35	0.07
16.05	3.39	3.16	0.10	18.65	3.58	3.35	0.07
16.10	3.40	3.16	0.10	18.70	3.59	3.35	0.07
16.15	3.40	3.17	0.10	18.75	3.59	3.36	0.07
16.20	3.41	3.17	0.10	18.80	3.59	3.36	0.07
16.25	3.41	3.18	0.10	18.85	3.60	3.36	0.06
16.30	3.42	3.18	0.10	18.90	3.60	3.37	0.06
16.35	3.42	3.19	0.10	18.95	3.60	3.37	0.06
16.40	3.42	3.19	0.10	19.00	3.61	3.37	0.06
16.45	3.43	3.20	0.10	19.05	3.61	3.37	0.06
16.50	3.43	3.20	0.10	19.10	3.61	3.38	0.06
16.55	3.44	3.20	0.10	19.15	3.61	3.38	0.06
16.60	3.44	3.21	0.09	19.20	3.62	3.38	0.06
16.65	3.45	3.21	0.09	19.25	3.62	3.39	0.06
16.70	3.45	3.22	0.09	19.30	3.62	3.39	0.06
16.75	3.45	3.22	0.09	19.35	3.63	3.39	0.06
16.80	3.46	3.23	0.09	19.40	3.63	3.39	0.06
16.85	3.46	3.23	0.09	19.45	3.63	3.40	0.06
16.90	3.47	3.23	0.09	19.50	3.63	3.40	0.06
16.95	3.47	3.24	0.09	19.55	3.64	3.40	0.06
17.00	3.47	3.24	0.09	19.60	3.64	3.41	0.06
17.05	3.48	3.24	0.09	19.65	3.64	3.41	0.06
17.10	3.48	3.25	0.09	19.70	3.65	3.41	0.06
17.15	3.49	3.25	0.09	19.75	3.65	3.41	0.06
17.20	3.49	3.26	0.08	19.80	3.65	3.42	0.06
17.25	3.49	3.26	0.08	19.85	3.65	3.42	0.06
17.30	3.50	3.26	0.08	19.90	3.66	3.42	0.06
17.35	3.50	3.27	0.08	19.95	3.66	3.42	0.06
17.40	3.50	3.27	0.08	20.00	3.66	3.43	0.06
17.45	3.51	3.27	0.08	20.05	3.66	3.43	0.06
17.50	3.51	3.28	0.08	20.10	3.67	3.43	0.06
17.55	3.52	3.28	0.08	20.15	3.67	3.44	0.06
17.60	3.52	3.28	0.08	20.20	3.67	3.44	0.06
17.65	3.52	3.29	0.08	20.25	3.68	3.44	0.06
17.70	3.53	3.29	0.08	20.30	3.68	3.44	0.06
17.75	3.53	3.30	0.08	20.35	3.68	3.45	0.06
17.80	3.53	3.30	0.07	20.40	3.68	3.45	0.06
17.85	3.54	3.30	0.07	20.45	3.69	3.45	0.06
17.90	3.54	3.30	0.07	20.50	3.69	3.45	0.06
17.95	3.54	3.31	0.07	20.55	3.69	3.46	0.06
18.00	3.54	3.31	0.07	20.60	3.69	3.46	0.06
18.05	3.55	3.31	0.07	20.65	3.70	3.46	0.06
18.10	3.55	3.32	0.07	20.70	3.70	3.46	0.06
18.15	3.55	3.32	0.07	20.75	3.70	3.47	0.06

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.06	23.40	3.82	3.59	0.05
20.85	3.71	3.47	0.06	23.45	3.83	3.59	0.05
20.90	3.71	3.47	0.06	23.50	3.83	3.59	0.05
20.95	3.71	3.48	0.06	23.55	3.83	3.60	0.05
21.00	3.71	3.48	0.06	23.60	3.83	3.60	0.05
21.05	3.72	3.48	0.06	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.06	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.06	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.06	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.05
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.05
21.50	3.74	3.50	0.05	24.10	3.85	3.62	0.04
21.55	3.74	3.51	0.05	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.05	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.05	24.25	3.85	3.62	0.01
21.70	3.75	3.51	0.05	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.05	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.05	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.05	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.05	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.05	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.05	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.05	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.05	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.05	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.05	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.05	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.05	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.05	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.05	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.05	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.05	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.05	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.05	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.05	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.05	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.05	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.05	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.05	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.05	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.05	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.05	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.05	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.05	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.05	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Summary for Subcatchment 12P: PDA-12 (pervious)

Runoff = 2.17 cfs @ 12.18 hrs, Volume= 0.166 af, Depth= 1.49"
Routed to Pond B-12 : Basin #12

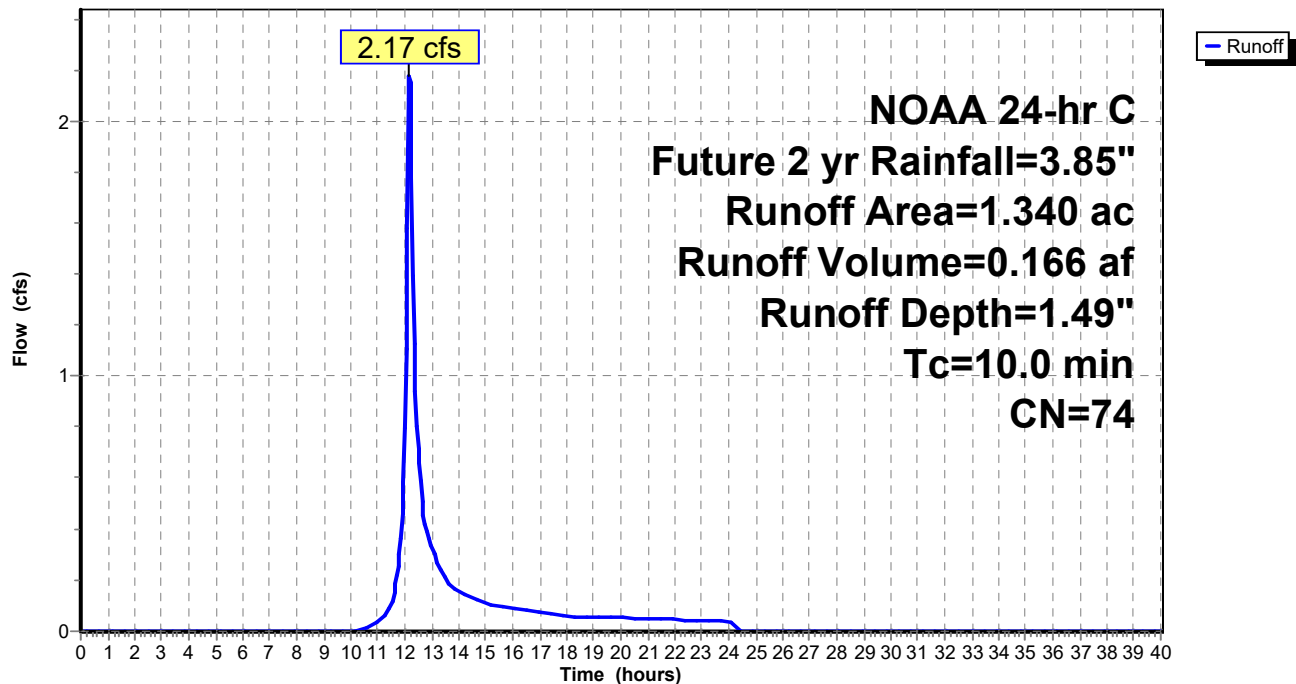
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.340	74	>75% Grass cover, Good, HSG C
1.340		100.00% Pervious Area

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

Subcatchment 12P: PDA-12 (pervious)

Hydrograph



Hydrograph for Subcatchment 12P: PDA-12 (pervious)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.33
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.31
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.29
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.28
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.26
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.25
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.24
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.23
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.22
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.22
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.21
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.20
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.19
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.18
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.17
11.15	0.98	0.02	0.05	13.75	3.10	0.97	0.17
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.17
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.16
11.30	1.04	0.03	0.07	13.90	3.13	0.99	0.16
11.35	1.06	0.03	0.08	13.95	3.14	1.00	0.16
11.40	1.09	0.04	0.09	14.00	3.15	1.00	0.16
11.45	1.11	0.04	0.10	14.05	3.16	1.01	0.15
11.50	1.14	0.05	0.11	14.10	3.16	1.01	0.15
11.55	1.18	0.06	0.13	14.15	3.17	1.02	0.15
11.60	1.22	0.07	0.15	14.20	3.18	1.02	0.15
11.65	1.26	0.08	0.19	14.25	3.19	1.03	0.14
11.70	1.30	0.09	0.22	14.30	3.20	1.03	0.14
11.75	1.35	0.10	0.25	14.35	3.20	1.04	0.14
11.80	1.41	0.12	0.30	14.40	3.21	1.04	0.14
11.85	1.49	0.14	0.37	14.45	3.22	1.05	0.13
11.90	1.57	0.17	0.46	14.50	3.23	1.05	0.13
11.95	1.70	0.22	0.59	14.55	3.23	1.06	0.13
12.00	1.83	0.28	0.80	14.60	3.24	1.06	0.13
12.05	2.06	0.38	1.10	14.65	3.25	1.07	0.13
12.10	2.28	0.49	1.58	14.70	3.25	1.07	0.12
12.15	2.36	0.53	2.08	14.75	3.26	1.08	0.12
12.20	2.44	0.57	2.15	14.80	3.26	1.08	0.12
12.25	2.50	0.61	1.78	14.85	3.27	1.08	0.12
12.30	2.55	0.64	1.39	14.90	3.28	1.09	0.11
12.35	2.59	0.66	1.13	14.95	3.28	1.09	0.11
12.40	2.63	0.69	0.94	15.00	3.29	1.10	0.11
12.45	2.67	0.71	0.80	15.05	3.29	1.10	0.11
12.50	2.71	0.73	0.71	15.10	3.30	1.10	0.10
12.55	2.74	0.75	0.66	15.15	3.30	1.11	0.10
12.60	2.76	0.76	0.59	15.20	3.31	1.11	0.10
12.65	2.79	0.78	0.51	15.25	3.31	1.11	0.10
12.70	2.81	0.79	0.45	15.30	3.32	1.12	0.10
12.75	2.83	0.80	0.42	15.35	3.32	1.12	0.10
12.80	2.85	0.82	0.39	15.40	3.33	1.12	0.10
12.85	2.87	0.83	0.38	15.45	3.34	1.13	0.09
12.90	2.89	0.84	0.36	15.50	3.34	1.13	0.09
12.95	2.91	0.85	0.34	15.55	3.35	1.13	0.09

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.09	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.09	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.09	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.09	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.09	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.09	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.09	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.09	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.09	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.09	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.09	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.09	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.09	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.08	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.08	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.08	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.08	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.08	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.08	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.08	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.08	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.08	19.25	3.62	1.32	0.05
16.70	3.45	1.21	0.08	19.30	3.62	1.33	0.05
16.75	3.45	1.21	0.08	19.35	3.63	1.33	0.05
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.05
16.85	3.46	1.21	0.08	19.45	3.63	1.33	0.05
16.90	3.47	1.22	0.08	19.50	3.63	1.33	0.05
16.95	3.47	1.22	0.08	19.55	3.64	1.34	0.05
17.00	3.47	1.22	0.07	19.60	3.64	1.34	0.05
17.05	3.48	1.22	0.07	19.65	3.64	1.34	0.05
17.10	3.48	1.23	0.07	19.70	3.65	1.34	0.05
17.15	3.49	1.23	0.07	19.75	3.65	1.34	0.05
17.20	3.49	1.23	0.07	19.80	3.65	1.34	0.05
17.25	3.49	1.24	0.07	19.85	3.65	1.35	0.05
17.30	3.50	1.24	0.07	19.90	3.66	1.35	0.05
17.35	3.50	1.24	0.07	19.95	3.66	1.35	0.05
17.40	3.50	1.24	0.07	20.00	3.66	1.35	0.05
17.45	3.51	1.25	0.07	20.05	3.66	1.35	0.05
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.05
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.05
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.05
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.05
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.05
17.75	3.53	1.26	0.06	20.35	3.68	1.37	0.05
17.80	3.53	1.26	0.06	20.40	3.68	1.37	0.05
17.85	3.54	1.26	0.06	20.45	3.69	1.37	0.05
17.90	3.54	1.27	0.06	20.50	3.69	1.37	0.05
17.95	3.54	1.27	0.06	20.55	3.69	1.37	0.05
18.00	3.54	1.27	0.06	20.60	3.69	1.38	0.05
18.05	3.55	1.27	0.06	20.65	3.70	1.38	0.05
18.10	3.55	1.28	0.06	20.70	3.70	1.38	0.05
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.04
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.04
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.03
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.04	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.04	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.04	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.04	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.04	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.04	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.04	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.04	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.04	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.04	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.04	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.04	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.04	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.04	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.04	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.04	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.04	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.04	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.04	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.04	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.04	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Summary for Subcatchment 13I: PDA-13 (impervious)

Runoff = 5.12 cfs @ 12.17 hrs, Volume= 0.442 af, Depth= 3.62"
 Routed to Pond B-13 : Basin #13

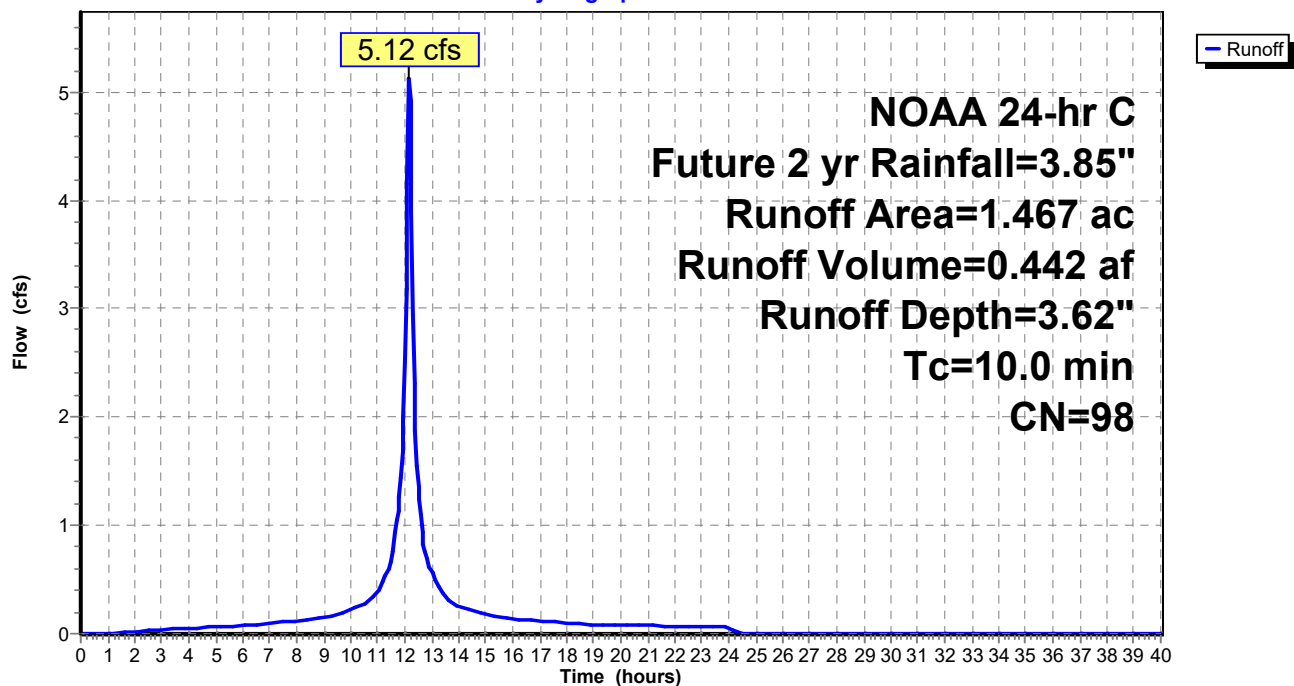
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.678	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.082	98	Concrete, HSG C
1.467	98	Weighted Average
1.467		100.00% Impervious Area

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

Subcatchment 13I: PDA-13 (impervious)

Hydrograph



Hydrograph for Subcatchment 13I: PDA-13 (impervious)

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

Hydrograph for Subcatchment 13l: PDA-13 (impervious) (continued)

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

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.26	13.00	2.93	2.69	0.57
10.45	0.78	0.58	0.26	13.05	2.94	2.71	0.54
10.50	0.79	0.59	0.27	13.10	2.96	2.73	0.51
10.55	0.80	0.60	0.27	13.15	2.97	2.74	0.48
10.60	0.82	0.61	0.28	13.20	2.98	2.75	0.46
10.65	0.83	0.62	0.29	13.25	3.00	2.77	0.44
10.70	0.84	0.64	0.31	13.30	3.01	2.78	0.42
10.75	0.85	0.65	0.32	13.35	3.02	2.79	0.40
10.80	0.87	0.66	0.34	13.40	3.03	2.80	0.39
10.85	0.88	0.67	0.35	13.45	3.05	2.81	0.37
10.90	0.89	0.69	0.37	13.50	3.06	2.82	0.35
10.95	0.91	0.70	0.39	13.55	3.07	2.83	0.34
11.00	0.92	0.72	0.40	13.60	3.08	2.84	0.32
11.05	0.94	0.73	0.42	13.65	3.09	2.85	0.31
11.10	0.96	0.75	0.44	13.70	3.09	2.86	0.29
11.15	0.98	0.77	0.47	13.75	3.10	2.87	0.29
11.20	1.00	0.79	0.49	13.80	3.11	2.88	0.28
11.25	1.02	0.81	0.52	13.85	3.12	2.89	0.27
11.30	1.04	0.83	0.55	13.90	3.13	2.90	0.27
11.35	1.06	0.85	0.58	13.95	3.14	2.91	0.27
11.40	1.09	0.88	0.61	14.00	3.15	2.92	0.26
11.45	1.11	0.90	0.64	14.05	3.16	2.92	0.26
11.50	1.14	0.92	0.67	14.10	3.16	2.93	0.25
11.55	1.18	0.96	0.71	14.15	3.17	2.94	0.25
11.60	1.22	1.00	0.80	14.20	3.18	2.95	0.24
11.65	1.26	1.04	0.94	14.25	3.19	2.96	0.24
11.70	1.30	1.08	1.05	14.30	3.20	2.96	0.24
11.75	1.35	1.14	1.13	14.35	3.20	2.97	0.23
11.80	1.41	1.19	1.26	14.40	3.21	2.98	0.23
11.85	1.49	1.27	1.44	14.45	3.22	2.99	0.22
11.90	1.57	1.34	1.68	14.50	3.23	2.99	0.22
11.95	1.70	1.48	1.99	14.55	3.23	3.00	0.21
12.00	1.83	1.61	2.50	14.60	3.24	3.01	0.21
12.05	2.06	1.83	3.19	14.65	3.25	3.01	0.21
12.10	2.28	2.06	4.15	14.70	3.25	3.02	0.20
12.15	2.36	2.13	5.05	14.75	3.26	3.03	0.20
12.20	2.44	2.21	4.92	14.80	3.26	3.03	0.19
12.25	2.50	2.27	3.90	14.85	3.27	3.04	0.19
12.30	2.55	2.32	2.94	14.90	3.28	3.04	0.19
12.35	2.59	2.36	2.30	14.95	3.28	3.05	0.18
12.40	2.63	2.40	1.87	15.00	3.29	3.05	0.18
12.45	2.67	2.44	1.56	15.05	3.29	3.06	0.17
12.50	2.71	2.48	1.36	15.10	3.30	3.07	0.17
12.55	2.74	2.51	1.24	15.15	3.30	3.07	0.16
12.60	2.76	2.53	1.10	15.20	3.31	3.08	0.16
12.65	2.79	2.56	0.94	15.25	3.31	3.08	0.16
12.70	2.81	2.58	0.83	15.30	3.32	3.09	0.16
12.75	2.83	2.60	0.76	15.35	3.32	3.09	0.16
12.80	2.85	2.62	0.71	15.40	3.33	3.10	0.15
12.85	2.87	2.64	0.67	15.45	3.34	3.10	0.15
12.90	2.89	2.66	0.64	15.50	3.34	3.11	0.15
12.95	2.91	2.68	0.61	15.55	3.35	3.11	0.15

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.15	18.20	3.56	3.32	0.09
15.65	3.36	3.12	0.15	18.25	3.56	3.33	0.09
15.70	3.36	3.13	0.15	18.30	3.56	3.33	0.09
15.75	3.36	3.13	0.15	18.35	3.57	3.33	0.09
15.80	3.37	3.14	0.15	18.40	3.57	3.34	0.09
15.85	3.37	3.14	0.14	18.45	3.57	3.34	0.09
15.90	3.38	3.15	0.14	18.50	3.58	3.34	0.09
15.95	3.38	3.15	0.14	18.55	3.58	3.34	0.09
16.00	3.39	3.16	0.14	18.60	3.58	3.35	0.09
16.05	3.39	3.16	0.14	18.65	3.58	3.35	0.09
16.10	3.40	3.16	0.14	18.70	3.59	3.35	0.09
16.15	3.40	3.17	0.14	18.75	3.59	3.36	0.09
16.20	3.41	3.17	0.14	18.80	3.59	3.36	0.09
16.25	3.41	3.18	0.14	18.85	3.60	3.36	0.09
16.30	3.42	3.18	0.13	18.90	3.60	3.37	0.09
16.35	3.42	3.19	0.13	18.95	3.60	3.37	0.09
16.40	3.42	3.19	0.13	19.00	3.61	3.37	0.09
16.45	3.43	3.20	0.13	19.05	3.61	3.37	0.09
16.50	3.43	3.20	0.13	19.10	3.61	3.38	0.09
16.55	3.44	3.20	0.13	19.15	3.61	3.38	0.09
16.60	3.44	3.21	0.13	19.20	3.62	3.38	0.09
16.65	3.45	3.21	0.13	19.25	3.62	3.39	0.09
16.70	3.45	3.22	0.13	19.30	3.62	3.39	0.09
16.75	3.45	3.22	0.12	19.35	3.63	3.39	0.08
16.80	3.46	3.23	0.12	19.40	3.63	3.39	0.08
16.85	3.46	3.23	0.12	19.45	3.63	3.40	0.08
16.90	3.47	3.23	0.12	19.50	3.63	3.40	0.08
16.95	3.47	3.24	0.12	19.55	3.64	3.40	0.08
17.00	3.47	3.24	0.12	19.60	3.64	3.41	0.08
17.05	3.48	3.24	0.12	19.65	3.64	3.41	0.08
17.10	3.48	3.25	0.12	19.70	3.65	3.41	0.08
17.15	3.49	3.25	0.12	19.75	3.65	3.41	0.08
17.20	3.49	3.26	0.11	19.80	3.65	3.42	0.08
17.25	3.49	3.26	0.11	19.85	3.65	3.42	0.08
17.30	3.50	3.26	0.11	19.90	3.66	3.42	0.08
17.35	3.50	3.27	0.11	19.95	3.66	3.42	0.08
17.40	3.50	3.27	0.11	20.00	3.66	3.43	0.08
17.45	3.51	3.27	0.11	20.05	3.66	3.43	0.08
17.50	3.51	3.28	0.11	20.10	3.67	3.43	0.08
17.55	3.52	3.28	0.11	20.15	3.67	3.44	0.08
17.60	3.52	3.28	0.11	20.20	3.67	3.44	0.08
17.65	3.52	3.29	0.10	20.25	3.68	3.44	0.08
17.70	3.53	3.29	0.10	20.30	3.68	3.44	0.08
17.75	3.53	3.30	0.10	20.35	3.68	3.45	0.08
17.80	3.53	3.30	0.10	20.40	3.68	3.45	0.08
17.85	3.54	3.30	0.10	20.45	3.69	3.45	0.08
17.90	3.54	3.30	0.10	20.50	3.69	3.45	0.08
17.95	3.54	3.31	0.10	20.55	3.69	3.46	0.08
18.00	3.54	3.31	0.10	20.60	3.69	3.46	0.08
18.05	3.55	3.31	0.09	20.65	3.70	3.46	0.08
18.10	3.55	3.32	0.09	20.70	3.70	3.46	0.08
18.15	3.55	3.32	0.09	20.75	3.70	3.47	0.08

Hydrograph for Subcatchment 13l: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.08	23.40	3.82	3.59	0.06
20.85	3.71	3.47	0.08	23.45	3.83	3.59	0.06
20.90	3.71	3.47	0.08	23.50	3.83	3.59	0.06
20.95	3.71	3.48	0.08	23.55	3.83	3.60	0.06
21.00	3.71	3.48	0.08	23.60	3.83	3.60	0.06
21.05	3.72	3.48	0.08	23.65	3.84	3.60	0.06
21.10	3.72	3.49	0.07	23.70	3.84	3.60	0.06
21.15	3.72	3.49	0.07	23.75	3.84	3.60	0.06
21.20	3.72	3.49	0.07	23.80	3.84	3.61	0.06
21.25	3.73	3.49	0.07	23.85	3.84	3.61	0.06
21.30	3.73	3.50	0.07	23.90	3.85	3.61	0.06
21.35	3.73	3.50	0.07	23.95	3.85	3.61	0.06
21.40	3.73	3.50	0.07	24.00	3.85	3.62	0.06
21.45	3.74	3.50	0.07	24.05	3.85	3.62	0.06
21.50	3.74	3.50	0.07	24.10	3.85	3.62	0.05
21.55	3.74	3.51	0.07	24.15	3.85	3.62	0.03
21.60	3.74	3.51	0.07	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.07	24.25	3.85	3.62	0.01
21.70	3.75	3.51	0.07	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.07	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.07	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.07	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.07	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.07	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.07	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.07	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.07	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.07	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.07	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.07	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.07	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.07	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.07	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.07	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.07	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.07	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.07	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.07	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.07	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.07	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.07	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.07	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.06	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.06	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.06	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.06	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.06	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.06	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.06	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.06	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.06	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.06	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Summary for Subcatchment 13P: PDA-13 (pervious)

Runoff = 1.43 cfs @ 12.18 hrs, Volume= 0.109 af, Depth= 1.49"
 Routed to Pond B-13 : Basin #13

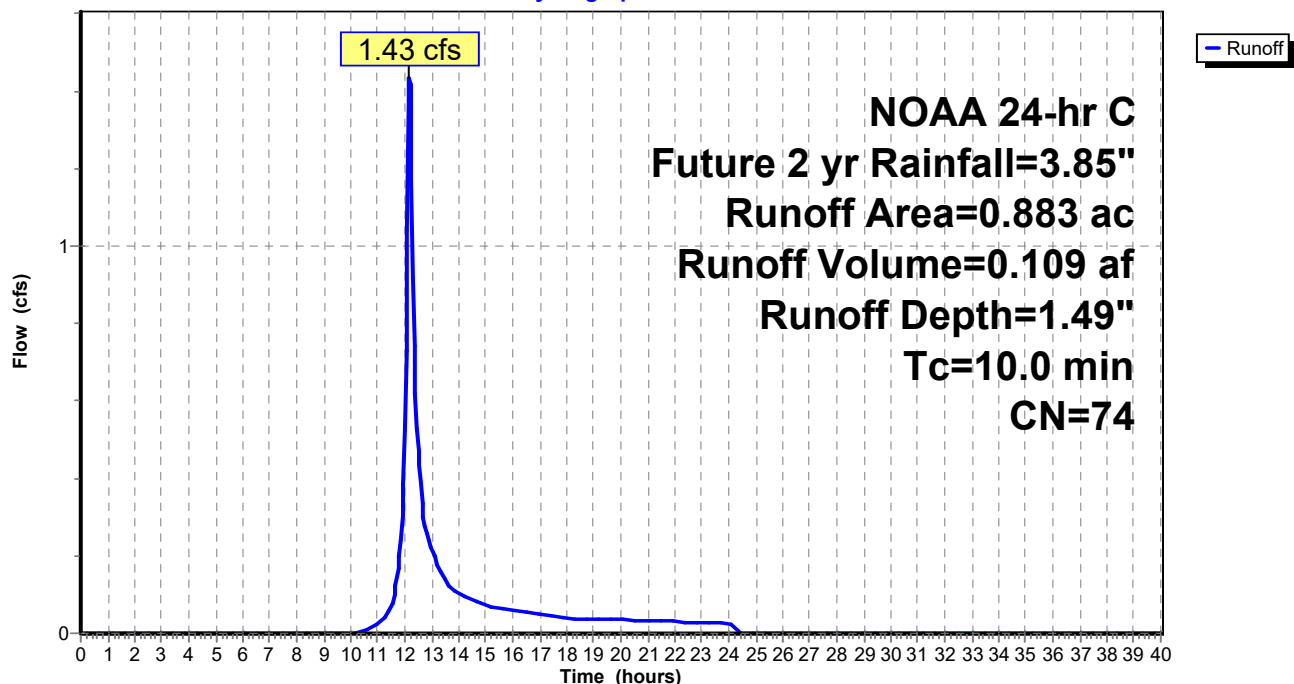
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.883	74	>75% Grass cover, Good, HSG C
0.883		100.00% Pervious Area

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

Subcatchment 13P: PDA-13 (pervious)

Hydrograph



Hydrograph for Subcatchment 13P: PDA-13 (pervious)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.21
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.20
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.19
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.18
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.17
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.17
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.16
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.15
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.15
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.14
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.14
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.13
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.12
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.12
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.11
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.11
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.11
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.11
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.11
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.10
11.40	1.09	0.04	0.06	14.00	3.15	1.00	0.10
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.10
11.50	1.14	0.05	0.07	14.10	3.16	1.01	0.10
11.55	1.18	0.06	0.08	14.15	3.17	1.02	0.10
11.60	1.22	0.07	0.10	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.12	14.25	3.19	1.03	0.10
11.70	1.30	0.09	0.15	14.30	3.20	1.03	0.09
11.75	1.35	0.10	0.17	14.35	3.20	1.04	0.09
11.80	1.41	0.12	0.20	14.40	3.21	1.04	0.09
11.85	1.49	0.14	0.24	14.45	3.22	1.05	0.09
11.90	1.57	0.17	0.30	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.39	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.52	14.60	3.24	1.06	0.08
12.05	2.06	0.38	0.73	14.65	3.25	1.07	0.08
12.10	2.28	0.49	1.04	14.70	3.25	1.07	0.08
12.15	2.36	0.53	1.37	14.75	3.26	1.08	0.08
12.20	2.44	0.57	1.42	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.17	14.85	3.27	1.08	0.08
12.30	2.55	0.64	0.92	14.90	3.28	1.09	0.07
12.35	2.59	0.66	0.74	14.95	3.28	1.09	0.07
12.40	2.63	0.69	0.62	15.00	3.29	1.10	0.07
12.45	2.67	0.71	0.53	15.05	3.29	1.10	0.07
12.50	2.71	0.73	0.47	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.43	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.39	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.34	15.25	3.31	1.11	0.06
12.70	2.81	0.79	0.30	15.30	3.32	1.12	0.06
12.75	2.83	0.80	0.28	15.35	3.32	1.12	0.06
12.80	2.85	0.82	0.26	15.40	3.33	1.12	0.06
12.85	2.87	0.83	0.25	15.45	3.34	1.13	0.06
12.90	2.89	0.84	0.24	15.50	3.34	1.13	0.06
12.95	2.91	0.85	0.22	15.55	3.35	1.13	0.06

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.06	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.06	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.06	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.06	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.06	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.06	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.06	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.06	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.06	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.06	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.06	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.06	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.06	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.06	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.06	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.05	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.05	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.05	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.05	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.05	19.15	3.61	1.32	0.04
16.60	3.44	1.20	0.05	19.20	3.62	1.32	0.04
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.04
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.04
16.75	3.45	1.21	0.05	19.35	3.63	1.33	0.04
16.80	3.46	1.21	0.05	19.40	3.63	1.33	0.04
16.85	3.46	1.21	0.05	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.05	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.05	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.05	19.60	3.64	1.34	0.04
17.05	3.48	1.22	0.05	19.65	3.64	1.34	0.04
17.10	3.48	1.23	0.05	19.70	3.65	1.34	0.04
17.15	3.49	1.23	0.05	19.75	3.65	1.34	0.04
17.20	3.49	1.23	0.05	19.80	3.65	1.34	0.04
17.25	3.49	1.24	0.05	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.05	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.05	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.05	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.05	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.04	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.04	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.04	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Summary for Subcatchment 14I: PDA-14 (impervious)

Runoff = 1.77 cfs @ 12.17 hrs, Volume= 0.153 af, Depth= 3.62"
 Routed to Pond B-14 : Basin #14

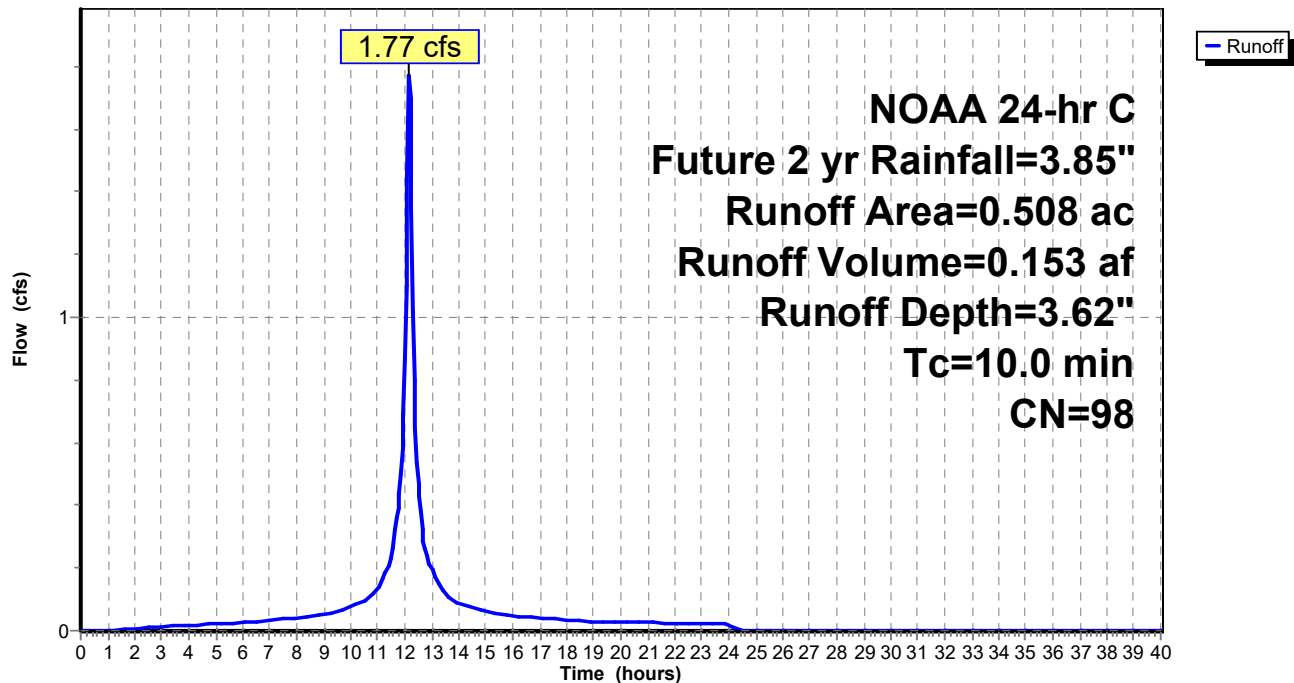
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.308	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.508	98	Weighted Average
0.508		100.00% Impervious Area

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

Subcatchment 14I: PDA-14 (impervious)

Hydrograph



Hydrograph for Subcatchment 14I: PDA-14 (impervious)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.02	7.80	0.44	0.27	0.04
5.25	0.26	0.11	0.02	7.85	0.45	0.27	0.04
5.30	0.26	0.12	0.02	7.90	0.45	0.27	0.04
5.35	0.27	0.12	0.02	7.95	0.46	0.28	0.04
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.04
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.04
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.04
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.04
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.04
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.04
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.04
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.04
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.04
5.85	0.30	0.14	0.02	8.45	0.50	0.32	0.05
5.90	0.30	0.14	0.02	8.50	0.51	0.33	0.05
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.05
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.05
6.05	0.31	0.15	0.03	8.65	0.53	0.34	0.05
6.10	0.31	0.15	0.03	8.70	0.53	0.35	0.05
6.15	0.31	0.16	0.03	8.75	0.54	0.35	0.05
6.20	0.32	0.16	0.03	8.80	0.54	0.36	0.05
6.25	0.32	0.16	0.03	8.85	0.55	0.36	0.05
6.30	0.32	0.17	0.03	8.90	0.55	0.36	0.05
6.35	0.33	0.17	0.03	8.95	0.56	0.37	0.05
6.40	0.33	0.17	0.03	9.00	0.56	0.37	0.05
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.05
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.05
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.05
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.05
6.65	0.35	0.19	0.03	9.25	0.59	0.40	0.06
6.70	0.35	0.19	0.03	9.30	0.60	0.41	0.06
6.75	0.36	0.19	0.03	9.35	0.60	0.41	0.06
6.80	0.36	0.19	0.03	9.40	0.61	0.42	0.06
6.85	0.36	0.20	0.03	9.45	0.62	0.43	0.06
6.90	0.37	0.20	0.03	9.50	0.62	0.43	0.06
6.95	0.37	0.20	0.03	9.55	0.63	0.44	0.06
7.00	0.38	0.21	0.03	9.60	0.64	0.45	0.07
7.05	0.38	0.21	0.03	9.65	0.65	0.45	0.07
7.10	0.38	0.21	0.03	9.70	0.65	0.46	0.07
7.15	0.39	0.22	0.03	9.75	0.66	0.47	0.07
7.20	0.39	0.22	0.03	9.80	0.67	0.47	0.07
7.25	0.40	0.23	0.04	9.85	0.68	0.48	0.07
7.30	0.40	0.23	0.04	9.90	0.69	0.49	0.07
7.35	0.40	0.23	0.04	9.95	0.69	0.50	0.08
7.40	0.41	0.24	0.04	10.00	0.70	0.51	0.08
7.45	0.41	0.24	0.04	10.05	0.71	0.51	0.08
7.50	0.42	0.24	0.04	10.10	0.72	0.52	0.08
7.55	0.42	0.25	0.04	10.15	0.73	0.53	0.08
7.60	0.43	0.25	0.04	10.20	0.74	0.54	0.08
7.65	0.43	0.25	0.04	10.25	0.75	0.55	0.08
7.70	0.43	0.26	0.04	10.30	0.76	0.56	0.09
7.75	0.44	0.26	0.04	10.35	0.76	0.56	0.09

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.09	13.00	2.93	2.69	0.20
10.45	0.78	0.58	0.09	13.05	2.94	2.71	0.19
10.50	0.79	0.59	0.09	13.10	2.96	2.73	0.18
10.55	0.80	0.60	0.09	13.15	2.97	2.74	0.17
10.60	0.82	0.61	0.10	13.20	2.98	2.75	0.16
10.65	0.83	0.62	0.10	13.25	3.00	2.77	0.15
10.70	0.84	0.64	0.11	13.30	3.01	2.78	0.15
10.75	0.85	0.65	0.11	13.35	3.02	2.79	0.14
10.80	0.87	0.66	0.12	13.40	3.03	2.80	0.13
10.85	0.88	0.67	0.12	13.45	3.05	2.81	0.13
10.90	0.89	0.69	0.13	13.50	3.06	2.82	0.12
10.95	0.91	0.70	0.13	13.55	3.07	2.83	0.12
11.00	0.92	0.72	0.14	13.60	3.08	2.84	0.11
11.05	0.94	0.73	0.14	13.65	3.09	2.85	0.11
11.10	0.96	0.75	0.15	13.70	3.09	2.86	0.10
11.15	0.98	0.77	0.16	13.75	3.10	2.87	0.10
11.20	1.00	0.79	0.17	13.80	3.11	2.88	0.10
11.25	1.02	0.81	0.18	13.85	3.12	2.89	0.10
11.30	1.04	0.83	0.19	13.90	3.13	2.90	0.09
11.35	1.06	0.85	0.20	13.95	3.14	2.91	0.09
11.40	1.09	0.88	0.21	14.00	3.15	2.92	0.09
11.45	1.11	0.90	0.22	14.05	3.16	2.92	0.09
11.50	1.14	0.92	0.23	14.10	3.16	2.93	0.09
11.55	1.18	0.96	0.25	14.15	3.17	2.94	0.09
11.60	1.22	1.00	0.28	14.20	3.18	2.95	0.08
11.65	1.26	1.04	0.33	14.25	3.19	2.96	0.08
11.70	1.30	1.08	0.36	14.30	3.20	2.96	0.08
11.75	1.35	1.14	0.39	14.35	3.20	2.97	0.08
11.80	1.41	1.19	0.44	14.40	3.21	2.98	0.08
11.85	1.49	1.27	0.50	14.45	3.22	2.99	0.08
11.90	1.57	1.34	0.58	14.50	3.23	2.99	0.08
11.95	1.70	1.48	0.69	14.55	3.23	3.00	0.07
12.00	1.83	1.61	0.87	14.60	3.24	3.01	0.07
12.05	2.06	1.83	1.10	14.65	3.25	3.01	0.07
12.10	2.28	2.06	1.44	14.70	3.25	3.02	0.07
12.15	2.36	2.13	1.75	14.75	3.26	3.03	0.07
12.20	2.44	2.21	1.70	14.80	3.26	3.03	0.07
12.25	2.50	2.27	1.35	14.85	3.27	3.04	0.07
12.30	2.55	2.32	1.02	14.90	3.28	3.04	0.06
12.35	2.59	2.36	0.80	14.95	3.28	3.05	0.06
12.40	2.63	2.40	0.65	15.00	3.29	3.05	0.06
12.45	2.67	2.44	0.54	15.05	3.29	3.06	0.06
12.50	2.71	2.48	0.47	15.10	3.30	3.07	0.06
12.55	2.74	2.51	0.43	15.15	3.30	3.07	0.06
12.60	2.76	2.53	0.38	15.20	3.31	3.08	0.06
12.65	2.79	2.56	0.33	15.25	3.31	3.08	0.06
12.70	2.81	2.58	0.29	15.30	3.32	3.09	0.05
12.75	2.83	2.60	0.26	15.35	3.32	3.09	0.05
12.80	2.85	2.62	0.25	15.40	3.33	3.10	0.05
12.85	2.87	2.64	0.23	15.45	3.34	3.10	0.05
12.90	2.89	2.66	0.22	15.50	3.34	3.11	0.05
12.95	2.91	2.68	0.21	15.55	3.35	3.11	0.05

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.05	18.20	3.56	3.32	0.03
15.65	3.36	3.12	0.05	18.25	3.56	3.33	0.03
15.70	3.36	3.13	0.05	18.30	3.56	3.33	0.03
15.75	3.36	3.13	0.05	18.35	3.57	3.33	0.03
15.80	3.37	3.14	0.05	18.40	3.57	3.34	0.03
15.85	3.37	3.14	0.05	18.45	3.57	3.34	0.03
15.90	3.38	3.15	0.05	18.50	3.58	3.34	0.03
15.95	3.38	3.15	0.05	18.55	3.58	3.34	0.03
16.00	3.39	3.16	0.05	18.60	3.58	3.35	0.03
16.05	3.39	3.16	0.05	18.65	3.58	3.35	0.03
16.10	3.40	3.16	0.05	18.70	3.59	3.35	0.03
16.15	3.40	3.17	0.05	18.75	3.59	3.36	0.03
16.20	3.41	3.17	0.05	18.80	3.59	3.36	0.03
16.25	3.41	3.18	0.05	18.85	3.60	3.36	0.03
16.30	3.42	3.18	0.05	18.90	3.60	3.37	0.03
16.35	3.42	3.19	0.05	18.95	3.60	3.37	0.03
16.40	3.42	3.19	0.05	19.00	3.61	3.37	0.03
16.45	3.43	3.20	0.05	19.05	3.61	3.37	0.03
16.50	3.43	3.20	0.04	19.10	3.61	3.38	0.03
16.55	3.44	3.20	0.04	19.15	3.61	3.38	0.03
16.60	3.44	3.21	0.04	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.04	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.04	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.04	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.04	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.04	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.04	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.04	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.04	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.04	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.04	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.04	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.04	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.04	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.04	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.04	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.04	20.00	3.66	3.43	0.03
17.45	3.51	3.27	0.04	20.05	3.66	3.43	0.03
17.50	3.51	3.28	0.04	20.10	3.67	3.43	0.03
17.55	3.52	3.28	0.04	20.15	3.67	3.44	0.03
17.60	3.52	3.28	0.04	20.20	3.67	3.44	0.03
17.65	3.52	3.29	0.04	20.25	3.68	3.44	0.03
17.70	3.53	3.29	0.04	20.30	3.68	3.44	0.03
17.75	3.53	3.30	0.04	20.35	3.68	3.45	0.03
17.80	3.53	3.30	0.03	20.40	3.68	3.45	0.03
17.85	3.54	3.30	0.03	20.45	3.69	3.45	0.03
17.90	3.54	3.30	0.03	20.50	3.69	3.45	0.03
17.95	3.54	3.31	0.03	20.55	3.69	3.46	0.03
18.00	3.54	3.31	0.03	20.60	3.69	3.46	0.03
18.05	3.55	3.31	0.03	20.65	3.70	3.46	0.03
18.10	3.55	3.32	0.03	20.70	3.70	3.46	0.03
18.15	3.55	3.32	0.03	20.75	3.70	3.47	0.03

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.03	23.40	3.82	3.59	0.02
20.85	3.71	3.47	0.03	23.45	3.83	3.59	0.02
20.90	3.71	3.47	0.03	23.50	3.83	3.59	0.02
20.95	3.71	3.48	0.03	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.03	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.03	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.03	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.03	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.03	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.03	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.03	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.02
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.02
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.02	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.02	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.02	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.02	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.02	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.02	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.02	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.02	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.02	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.02	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.02	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.02	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.02	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.02	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.02	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.02	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.02	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.02	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.02	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.02	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.02	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.02	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.02	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.02	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.02	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.02	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.02	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.02	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.02	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.02	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.02	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.02	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.02	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.02	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.02	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.02	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Summary for Subcatchment 14P: PDA-14 (pervious)

Runoff = 2.66 cfs @ 12.18 hrs, Volume= 0.203 af, Depth= 1.49"
 Routed to Pond B-14 : Basin #14

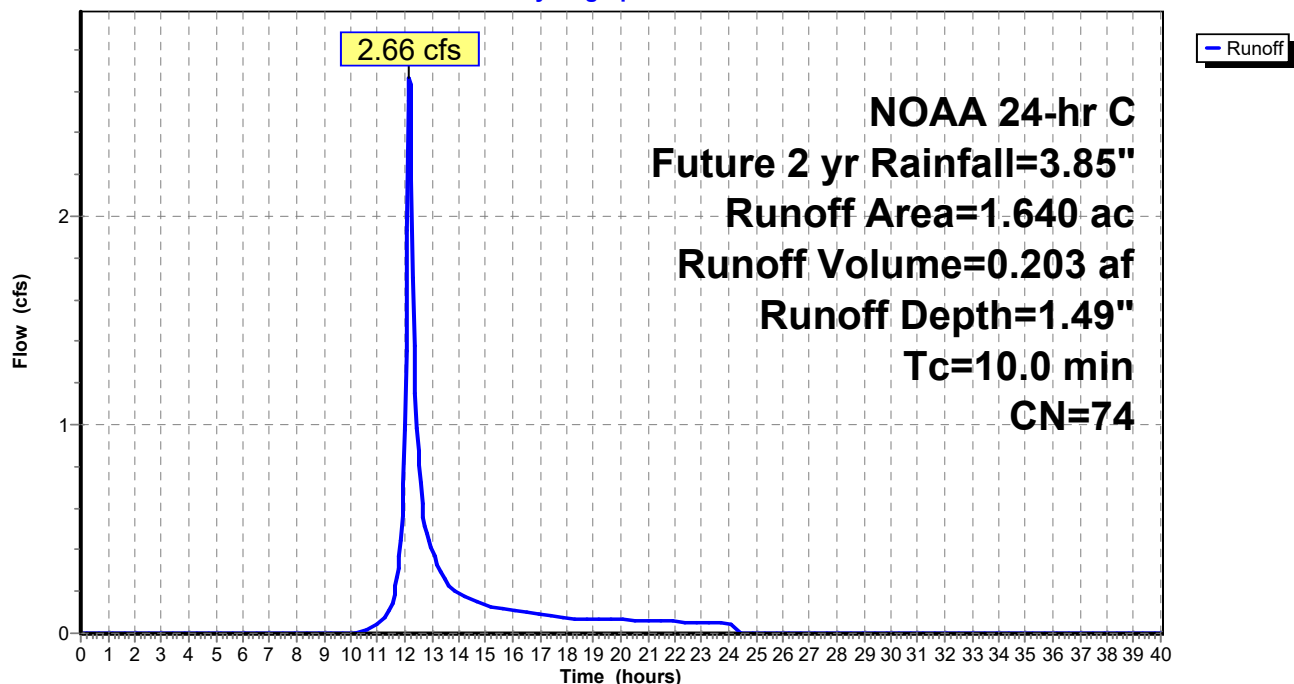
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.640	74	>75% Grass cover, Good, HSG C
1.640		100.00% Pervious Area

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

Subcatchment 14P: PDA-14 (pervious)

Hydrograph



Hydrograph for Subcatchment 14P: PDA-14 (pervious)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.40
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.38
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.36
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.34
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.31
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.30
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.29
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.27
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.06	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.21
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.20
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.19
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.19	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.18
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.37	14.40	3.21	1.04	0.17
11.85	1.49	0.14	0.45	14.45	3.22	1.05	0.16
11.90	1.57	0.17	0.56	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.72	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.97	14.60	3.24	1.06	0.16
12.05	2.06	0.38	1.35	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.93	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.55	14.75	3.26	1.08	0.15
12.20	2.44	0.57	2.63	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.17	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.70	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.38	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.15	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.98	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.87	15.10	3.30	1.10	0.13
12.55	2.74	0.75	0.81	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.72	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.63	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.55	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.51	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.48	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.46	15.45	3.34	1.13	0.12
12.90	2.89	0.84	0.44	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.42	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.11	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.10	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.07
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.07
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.07
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.07
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.09	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.08	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.03
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.06	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.06	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.06	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Summary for Subcatchment 15I: PDA-15 (impervious)

Runoff = 4.85 cfs @ 12.17 hrs, Volume= 0.418 af, Depth= 3.62"
 Routed to Pond B-15 : Basin #15

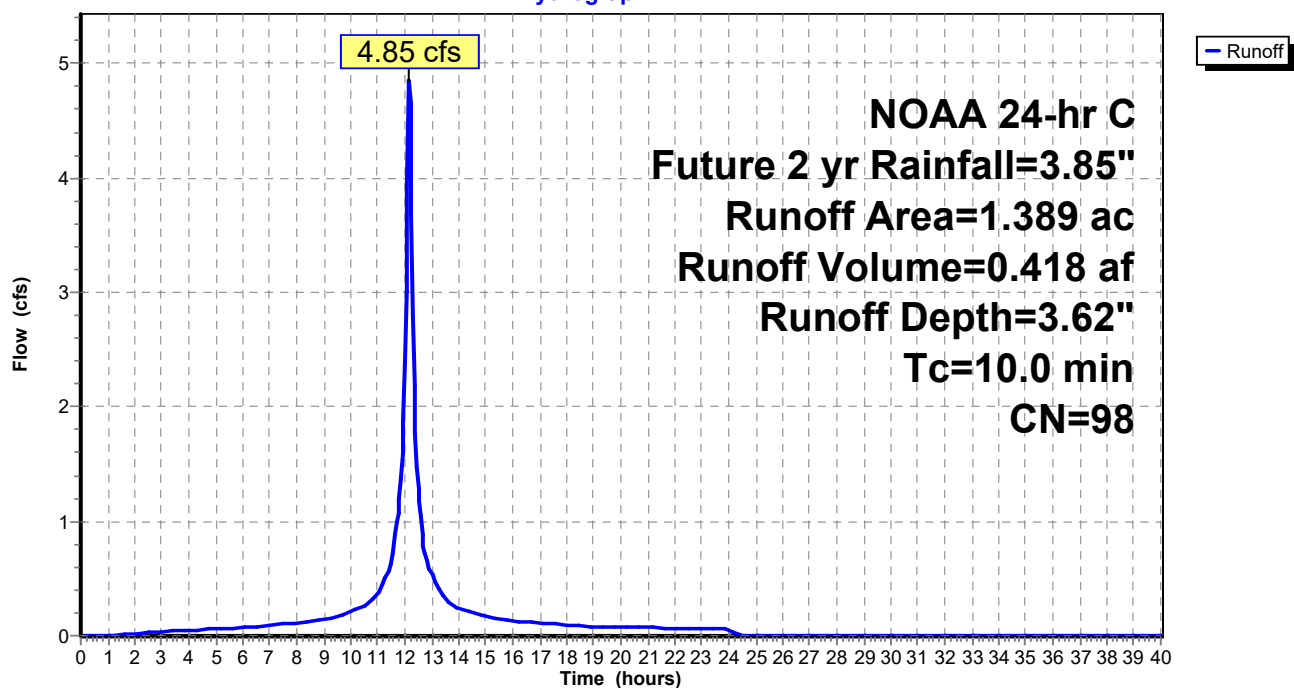
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.836	98	Roof, HSG C
* 0.052	98	Concrete, HSG C
1.389	98	Weighted Average
1.389		100.00% Impervious Area

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

Subcatchment 15I: PDA-15 (impervious)

Hydrograph



Hydrograph for Subcatchment 15I: PDA-15 (impervious)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.24	13.00	2.93	2.69	0.54
10.45	0.78	0.58	0.25	13.05	2.94	2.71	0.51
10.50	0.79	0.59	0.25	13.10	2.96	2.73	0.49
10.55	0.80	0.60	0.26	13.15	2.97	2.74	0.46
10.60	0.82	0.61	0.26	13.20	2.98	2.75	0.43
10.65	0.83	0.62	0.28	13.25	3.00	2.77	0.42
10.70	0.84	0.64	0.29	13.30	3.01	2.78	0.40
10.75	0.85	0.65	0.30	13.35	3.02	2.79	0.38
10.80	0.87	0.66	0.32	13.40	3.03	2.80	0.37
10.85	0.88	0.67	0.33	13.45	3.05	2.81	0.35
10.90	0.89	0.69	0.35	13.50	3.06	2.82	0.33
10.95	0.91	0.70	0.36	13.55	3.07	2.83	0.32
11.00	0.92	0.72	0.38	13.60	3.08	2.84	0.30
11.05	0.94	0.73	0.40	13.65	3.09	2.85	0.29
11.10	0.96	0.75	0.42	13.70	3.09	2.86	0.28
11.15	0.98	0.77	0.44	13.75	3.10	2.87	0.27
11.20	1.00	0.79	0.47	13.80	3.11	2.88	0.26
11.25	1.02	0.81	0.50	13.85	3.12	2.89	0.26
11.30	1.04	0.83	0.52	13.90	3.13	2.90	0.26
11.35	1.06	0.85	0.55	13.95	3.14	2.91	0.25
11.40	1.09	0.88	0.58	14.00	3.15	2.92	0.25
11.45	1.11	0.90	0.61	14.05	3.16	2.92	0.24
11.50	1.14	0.92	0.64	14.10	3.16	2.93	0.24
11.55	1.18	0.96	0.67	14.15	3.17	2.94	0.24
11.60	1.22	1.00	0.76	14.20	3.18	2.95	0.23
11.65	1.26	1.04	0.89	14.25	3.19	2.96	0.23
11.70	1.30	1.08	0.99	14.30	3.20	2.96	0.22
11.75	1.35	1.14	1.07	14.35	3.20	2.97	0.22
11.80	1.41	1.19	1.19	14.40	3.21	2.98	0.22
11.85	1.49	1.27	1.36	14.45	3.22	2.99	0.21
11.90	1.57	1.34	1.59	14.50	3.23	2.99	0.21
11.95	1.70	1.48	1.89	14.55	3.23	3.00	0.20
12.00	1.83	1.61	2.37	14.60	3.24	3.01	0.20
12.05	2.06	1.83	3.02	14.65	3.25	3.01	0.20
12.10	2.28	2.06	3.93	14.70	3.25	3.02	0.19
12.15	2.36	2.13	4.79	14.75	3.26	3.03	0.19
12.20	2.44	2.21	4.65	14.80	3.26	3.03	0.18
12.25	2.50	2.27	3.69	14.85	3.27	3.04	0.18
12.30	2.55	2.32	2.78	14.90	3.28	3.04	0.18
12.35	2.59	2.36	2.18	14.95	3.28	3.05	0.17
12.40	2.63	2.40	1.77	15.00	3.29	3.05	0.17
12.45	2.67	2.44	1.48	15.05	3.29	3.06	0.16
12.50	2.71	2.48	1.29	15.10	3.30	3.07	0.16
12.55	2.74	2.51	1.17	15.15	3.30	3.07	0.16
12.60	2.76	2.53	1.04	15.20	3.31	3.08	0.15
12.65	2.79	2.56	0.89	15.25	3.31	3.08	0.15
12.70	2.81	2.58	0.78	15.30	3.32	3.09	0.15
12.75	2.83	2.60	0.72	15.35	3.32	3.09	0.15
12.80	2.85	2.62	0.67	15.40	3.33	3.10	0.15
12.85	2.87	2.64	0.64	15.45	3.34	3.10	0.15
12.90	2.89	2.66	0.60	15.50	3.34	3.11	0.14
12.95	2.91	2.68	0.57	15.55	3.35	3.11	0.14

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.14	18.20	3.56	3.32	0.09
15.65	3.36	3.12	0.14	18.25	3.56	3.33	0.09
15.70	3.36	3.13	0.14	18.30	3.56	3.33	0.09
15.75	3.36	3.13	0.14	18.35	3.57	3.33	0.09
15.80	3.37	3.14	0.14	18.40	3.57	3.34	0.09
15.85	3.37	3.14	0.14	18.45	3.57	3.34	0.09
15.90	3.38	3.15	0.14	18.50	3.58	3.34	0.08
15.95	3.38	3.15	0.13	18.55	3.58	3.34	0.08
16.00	3.39	3.16	0.13	18.60	3.58	3.35	0.08
16.05	3.39	3.16	0.13	18.65	3.58	3.35	0.08
16.10	3.40	3.16	0.13	18.70	3.59	3.35	0.08
16.15	3.40	3.17	0.13	18.75	3.59	3.36	0.08
16.20	3.41	3.17	0.13	18.80	3.59	3.36	0.08
16.25	3.41	3.18	0.13	18.85	3.60	3.36	0.08
16.30	3.42	3.18	0.13	18.90	3.60	3.37	0.08
16.35	3.42	3.19	0.13	18.95	3.60	3.37	0.08
16.40	3.42	3.19	0.13	19.00	3.61	3.37	0.08
16.45	3.43	3.20	0.12	19.05	3.61	3.37	0.08
16.50	3.43	3.20	0.12	19.10	3.61	3.38	0.08
16.55	3.44	3.20	0.12	19.15	3.61	3.38	0.08
16.60	3.44	3.21	0.12	19.20	3.62	3.38	0.08
16.65	3.45	3.21	0.12	19.25	3.62	3.39	0.08
16.70	3.45	3.22	0.12	19.30	3.62	3.39	0.08
16.75	3.45	3.22	0.12	19.35	3.63	3.39	0.08
16.80	3.46	3.23	0.12	19.40	3.63	3.39	0.08
16.85	3.46	3.23	0.12	19.45	3.63	3.40	0.08
16.90	3.47	3.23	0.11	19.50	3.63	3.40	0.08
16.95	3.47	3.24	0.11	19.55	3.64	3.40	0.08
17.00	3.47	3.24	0.11	19.60	3.64	3.41	0.08
17.05	3.48	3.24	0.11	19.65	3.64	3.41	0.08
17.10	3.48	3.25	0.11	19.70	3.65	3.41	0.08
17.15	3.49	3.25	0.11	19.75	3.65	3.41	0.08
17.20	3.49	3.26	0.11	19.80	3.65	3.42	0.08
17.25	3.49	3.26	0.11	19.85	3.65	3.42	0.08
17.30	3.50	3.26	0.11	19.90	3.66	3.42	0.08
17.35	3.50	3.27	0.10	19.95	3.66	3.42	0.08
17.40	3.50	3.27	0.10	20.00	3.66	3.43	0.08
17.45	3.51	3.27	0.10	20.05	3.66	3.43	0.08
17.50	3.51	3.28	0.10	20.10	3.67	3.43	0.08
17.55	3.52	3.28	0.10	20.15	3.67	3.44	0.08
17.60	3.52	3.28	0.10	20.20	3.67	3.44	0.08
17.65	3.52	3.29	0.10	20.25	3.68	3.44	0.08
17.70	3.53	3.29	0.10	20.30	3.68	3.44	0.08
17.75	3.53	3.30	0.10	20.35	3.68	3.45	0.08
17.80	3.53	3.30	0.10	20.40	3.68	3.45	0.07
17.85	3.54	3.30	0.09	20.45	3.69	3.45	0.07
17.90	3.54	3.30	0.09	20.50	3.69	3.45	0.07
17.95	3.54	3.31	0.09	20.55	3.69	3.46	0.07
18.00	3.54	3.31	0.09	20.60	3.69	3.46	0.07
18.05	3.55	3.31	0.09	20.65	3.70	3.46	0.07
18.10	3.55	3.32	0.09	20.70	3.70	3.46	0.07
18.15	3.55	3.32	0.09	20.75	3.70	3.47	0.07

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.07	23.40	3.82	3.59	0.06
20.85	3.71	3.47	0.07	23.45	3.83	3.59	0.06
20.90	3.71	3.47	0.07	23.50	3.83	3.59	0.06
20.95	3.71	3.48	0.07	23.55	3.83	3.60	0.06
21.00	3.71	3.48	0.07	23.60	3.83	3.60	0.06
21.05	3.72	3.48	0.07	23.65	3.84	3.60	0.06
21.10	3.72	3.49	0.07	23.70	3.84	3.60	0.06
21.15	3.72	3.49	0.07	23.75	3.84	3.60	0.06
21.20	3.72	3.49	0.07	23.80	3.84	3.61	0.06
21.25	3.73	3.49	0.07	23.85	3.84	3.61	0.06
21.30	3.73	3.50	0.07	23.90	3.85	3.61	0.06
21.35	3.73	3.50	0.07	23.95	3.85	3.61	0.06
21.40	3.73	3.50	0.07	24.00	3.85	3.62	0.06
21.45	3.74	3.50	0.07	24.05	3.85	3.62	0.06
21.50	3.74	3.50	0.07	24.10	3.85	3.62	0.05
21.55	3.74	3.51	0.07	24.15	3.85	3.62	0.03
21.60	3.74	3.51	0.07	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.07	24.25	3.85	3.62	0.01
21.70	3.75	3.51	0.07	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.07	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.07	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.07	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.07	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.07	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.07	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.07	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.07	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.07	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.07	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.07	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.06	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.06	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.06	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.06	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.06	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.06	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.06	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.06	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.06	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.06	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.06	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.06	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.06	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.06	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.06	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.06	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.06	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.06	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.06	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.06	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.06	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.06	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

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

Summary for Subcatchment 15P: PDA-15 (pervious)

Runoff = 1.58 cfs @ 12.18 hrs, Volume= 0.121 af, Depth= 1.49"
 Routed to Pond B-15 : Basin #15

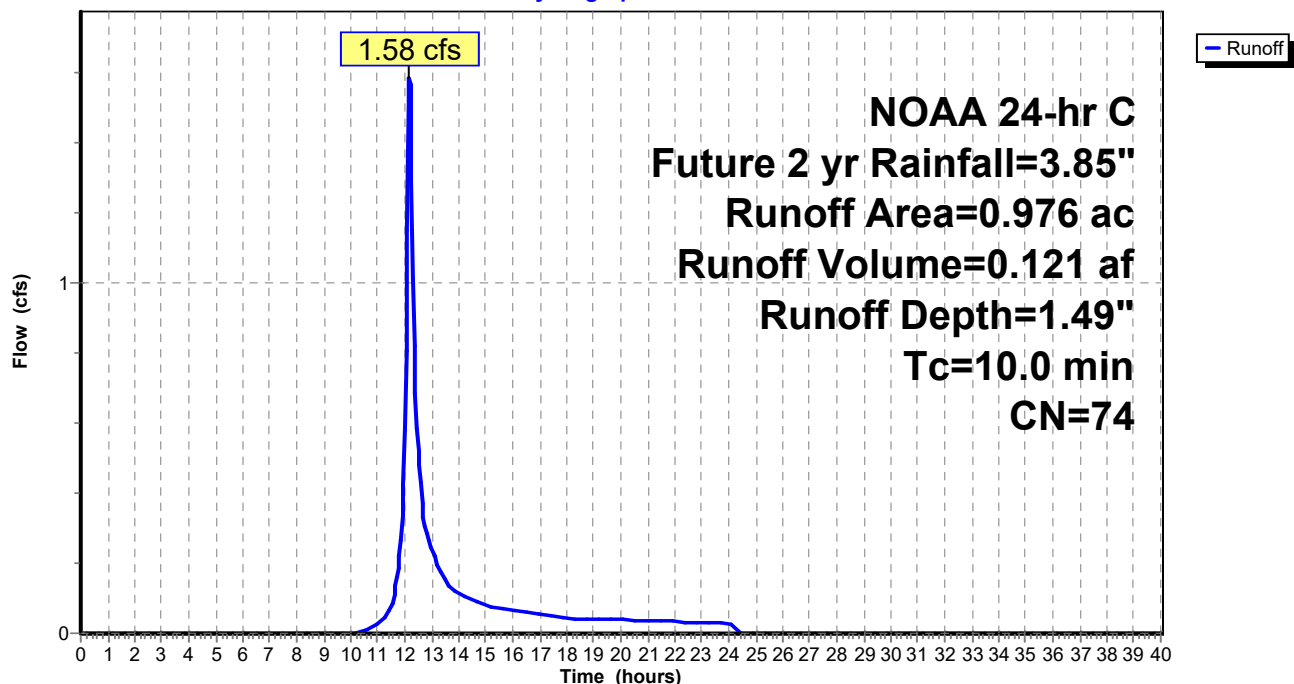
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.976	74	>75% Grass cover, Good, HSG C
0.976		100.00% Pervious Area

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

Subcatchment 15P: PDA-15 (pervious)

Hydrograph



Hydrograph for Subcatchment 15P: PDA-15 (pervious)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.24
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.23
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.21
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.20
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.19
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.18
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.18
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.17
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.16
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.16
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.15
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.14
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.14
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.13
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.13
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.12
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.12
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.12
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.12
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.12
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.11
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.11
11.50	1.14	0.05	0.08	14.10	3.16	1.01	0.11
11.55	1.18	0.06	0.09	14.15	3.17	1.02	0.11
11.60	1.22	0.07	0.11	14.20	3.18	1.02	0.11
11.65	1.26	0.08	0.14	14.25	3.19	1.03	0.11
11.70	1.30	0.09	0.16	14.30	3.20	1.03	0.10
11.75	1.35	0.10	0.19	14.35	3.20	1.04	0.10
11.80	1.41	0.12	0.22	14.40	3.21	1.04	0.10
11.85	1.49	0.14	0.27	14.45	3.22	1.05	0.10
11.90	1.57	0.17	0.33	14.50	3.23	1.05	0.10
11.95	1.70	0.22	0.43	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.58	14.60	3.24	1.06	0.09
12.05	2.06	0.38	0.80	14.65	3.25	1.07	0.09
12.10	2.28	0.49	1.15	14.70	3.25	1.07	0.09
12.15	2.36	0.53	1.52	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.56	14.80	3.26	1.08	0.09
12.25	2.50	0.61	1.29	14.85	3.27	1.08	0.08
12.30	2.55	0.64	1.01	14.90	3.28	1.09	0.08
12.35	2.59	0.66	0.82	14.95	3.28	1.09	0.08
12.40	2.63	0.69	0.68	15.00	3.29	1.10	0.08
12.45	2.67	0.71	0.58	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.52	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.48	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.43	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.37	15.25	3.31	1.11	0.07
12.70	2.81	0.79	0.33	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.30	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.29	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.27	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.26	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.25	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Summary for Subcatchment 16A1: PDA-16A (impervious)

Runoff = 2.98 cfs @ 12.17 hrs, Volume= 0.257 af, Depth= 3.62"
 Routed to Pond B-16A : Basin #16A

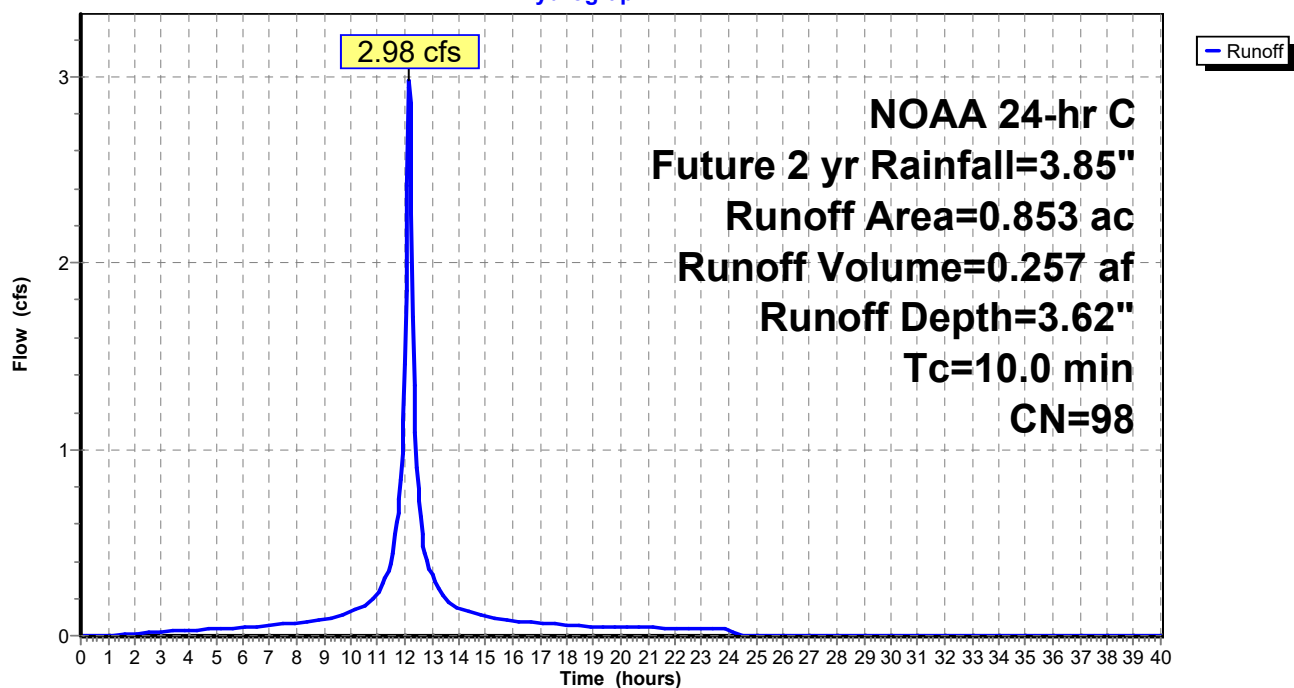
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.072	98	Pavement, HSG C
* 0.771	98	Roof, HSG C
* 0.010	98	Concrete, HSG C
0.853	98	Weighted Average
0.853		100.00% Impervious Area

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

Subcatchment 16A1: PDA-16A (impervious)

Hydrograph



Hydrograph for Subcatchment 16A1: PDA-16A (impervious)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.12
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.13
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.13
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.14
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.14
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.15	13.00	2.93	2.69	0.33
10.45	0.78	0.58	0.15	13.05	2.94	2.71	0.32
10.50	0.79	0.59	0.15	13.10	2.96	2.73	0.30
10.55	0.80	0.60	0.16	13.15	2.97	2.74	0.28
10.60	0.82	0.61	0.16	13.20	2.98	2.75	0.27
10.65	0.83	0.62	0.17	13.25	3.00	2.77	0.25
10.70	0.84	0.64	0.18	13.30	3.01	2.78	0.24
10.75	0.85	0.65	0.19	13.35	3.02	2.79	0.23
10.80	0.87	0.66	0.20	13.40	3.03	2.80	0.22
10.85	0.88	0.67	0.21	13.45	3.05	2.81	0.22
10.90	0.89	0.69	0.21	13.50	3.06	2.82	0.21
10.95	0.91	0.70	0.22	13.55	3.07	2.83	0.20
11.00	0.92	0.72	0.23	13.60	3.08	2.84	0.19
11.05	0.94	0.73	0.24	13.65	3.09	2.85	0.18
11.10	0.96	0.75	0.26	13.70	3.09	2.86	0.17
11.15	0.98	0.77	0.27	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.29	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.30	13.85	3.12	2.89	0.16
11.30	1.04	0.83	0.32	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.34	13.95	3.14	2.91	0.15
11.40	1.09	0.88	0.36	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.37	14.05	3.16	2.92	0.15
11.50	1.14	0.92	0.39	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.41	14.15	3.17	2.94	0.14
11.60	1.22	1.00	0.47	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.55	14.25	3.19	2.96	0.14
11.70	1.30	1.08	0.61	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.66	14.35	3.20	2.97	0.13
11.80	1.41	1.19	0.73	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.83	14.45	3.22	2.99	0.13
11.90	1.57	1.34	0.97	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.16	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.45	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.86	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.41	14.70	3.25	3.02	0.12
12.15	2.36	2.13	2.94	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.86	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.27	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.71	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.34	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.09	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.91	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.79	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.72	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.64	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.55	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.48	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.44	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.41	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.39	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.37	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.35	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Summary for Subcatchment 16AP: PDA-16A (pervious)

Runoff = 1.66 cfs @ 12.18 hrs, Volume= 0.127 af, Depth= 1.49"
 Routed to Pond B-16A : Basin #16A

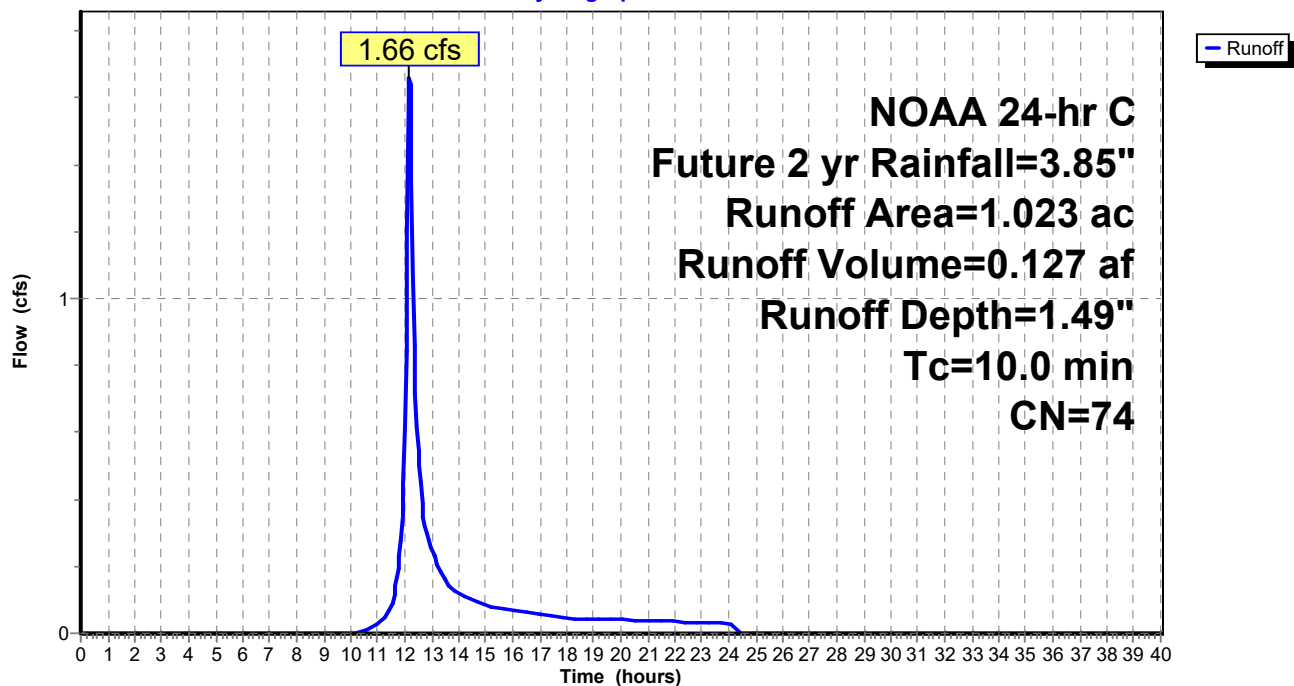
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.023	74	>75% Grass cover, Good, HSG C
1.023		100.00% Pervious Area

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

Subcatchment 16AP: PDA-16A (pervious)

Hydrograph



Hydrograph for Subcatchment 16AP: PDA-16A (pervious)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.25
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.24
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.22
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.21
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.20
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.19
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.19
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.18
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.17
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.16
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.16
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.15
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.14
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.14
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.13
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.13
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.13
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.12
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.12
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.12
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.12
11.45	1.11	0.04	0.08	14.05	3.16	1.01	0.12
11.50	1.14	0.05	0.09	14.10	3.16	1.01	0.12
11.55	1.18	0.06	0.10	14.15	3.17	1.02	0.11
11.60	1.22	0.07	0.12	14.20	3.18	1.02	0.11
11.65	1.26	0.08	0.14	14.25	3.19	1.03	0.11
11.70	1.30	0.09	0.17	14.30	3.20	1.03	0.11
11.75	1.35	0.10	0.19	14.35	3.20	1.04	0.11
11.80	1.41	0.12	0.23	14.40	3.21	1.04	0.10
11.85	1.49	0.14	0.28	14.45	3.22	1.05	0.10
11.90	1.57	0.17	0.35	14.50	3.23	1.05	0.10
11.95	1.70	0.22	0.45	14.55	3.23	1.06	0.10
12.00	1.83	0.28	0.61	14.60	3.24	1.06	0.10
12.05	2.06	0.38	0.84	14.65	3.25	1.07	0.10
12.10	2.28	0.49	1.20	14.70	3.25	1.07	0.09
12.15	2.36	0.53	1.59	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.64	14.80	3.26	1.08	0.09
12.25	2.50	0.61	1.36	14.85	3.27	1.08	0.09
12.30	2.55	0.64	1.06	14.90	3.28	1.09	0.09
12.35	2.59	0.66	0.86	14.95	3.28	1.09	0.08
12.40	2.63	0.69	0.72	15.00	3.29	1.10	0.08
12.45	2.67	0.71	0.61	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.54	15.10	3.30	1.10	0.08
12.55	2.74	0.75	0.50	15.15	3.30	1.11	0.08
12.60	2.76	0.76	0.45	15.20	3.31	1.11	0.08
12.65	2.79	0.78	0.39	15.25	3.31	1.11	0.07
12.70	2.81	0.79	0.35	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.32	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.30	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.29	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.27	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.26	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Summary for Subcatchment 16BI: PDA-16B (impervious)

Runoff = 2.87 cfs @ 12.17 hrs, Volume= 0.247 af, Depth= 3.62"
 Routed to Pond B-16B : Basin #16B

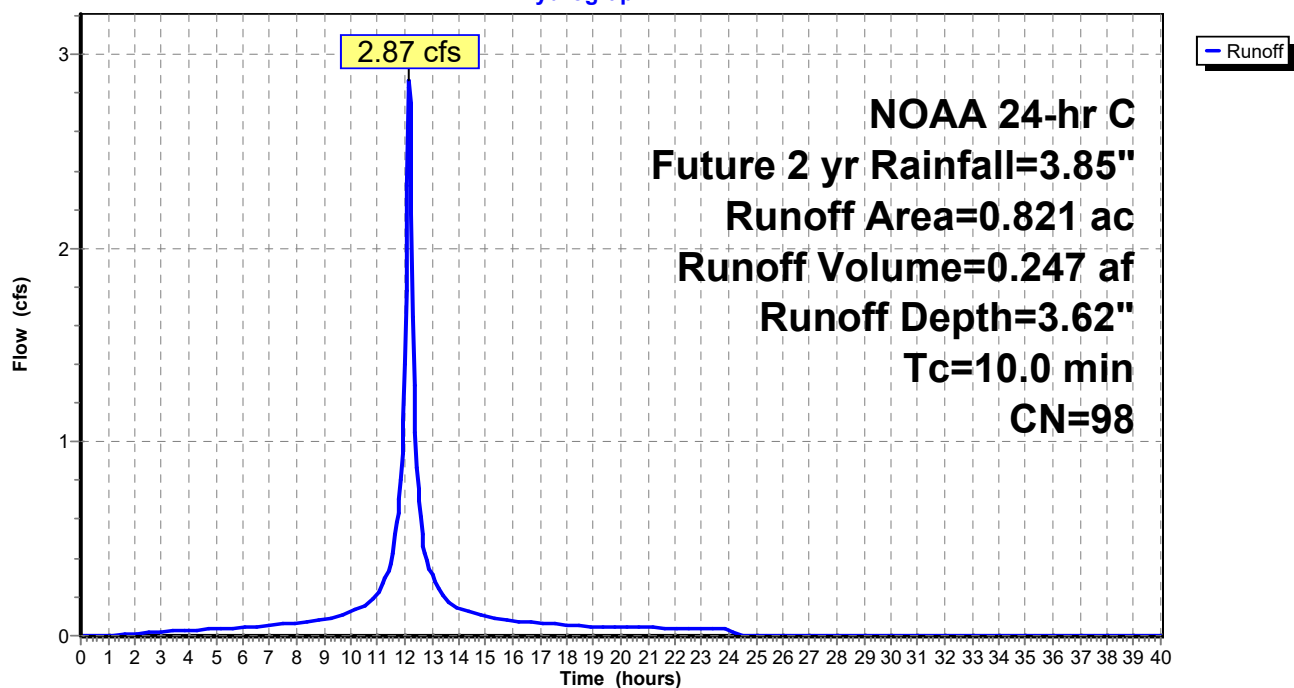
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.621	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.821	98	Weighted Average
0.821		100.00% Impervious Area

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

Subcatchment 16BI: PDA-16B (impervious)

Hydrograph



Hydrograph for Subcatchment 16BI: PDA-16B (impervious)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.12
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.13
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.13
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.14
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.14

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.14	13.00	2.93	2.69	0.32
10.45	0.78	0.58	0.15	13.05	2.94	2.71	0.30
10.50	0.79	0.59	0.15	13.10	2.96	2.73	0.29
10.55	0.80	0.60	0.15	13.15	2.97	2.74	0.27
10.60	0.82	0.61	0.16	13.20	2.98	2.75	0.26
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.25
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.24
10.75	0.85	0.65	0.18	13.35	3.02	2.79	0.23
10.80	0.87	0.66	0.19	13.40	3.03	2.80	0.22
10.85	0.88	0.67	0.20	13.45	3.05	2.81	0.21
10.90	0.89	0.69	0.21	13.50	3.06	2.82	0.20
10.95	0.91	0.70	0.22	13.55	3.07	2.83	0.19
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.18
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.17
11.10	0.96	0.75	0.25	13.70	3.09	2.86	0.16
11.15	0.98	0.77	0.26	13.75	3.10	2.87	0.16
11.20	1.00	0.79	0.28	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.29	13.85	3.12	2.89	0.15
11.30	1.04	0.83	0.31	13.90	3.13	2.90	0.15
11.35	1.06	0.85	0.33	13.95	3.14	2.91	0.15
11.40	1.09	0.88	0.34	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.36	14.05	3.16	2.92	0.14
11.50	1.14	0.92	0.38	14.10	3.16	2.93	0.14
11.55	1.18	0.96	0.40	14.15	3.17	2.94	0.14
11.60	1.22	1.00	0.45	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.53	14.25	3.19	2.96	0.13
11.70	1.30	1.08	0.59	14.30	3.20	2.96	0.13
11.75	1.35	1.14	0.63	14.35	3.20	2.97	0.13
11.80	1.41	1.19	0.70	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.80	14.45	3.22	2.99	0.12
11.90	1.57	1.34	0.94	14.50	3.23	2.99	0.12
11.95	1.70	1.48	1.12	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.40	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.79	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.32	14.70	3.25	3.02	0.11
12.15	2.36	2.13	2.83	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.75	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.18	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.64	14.90	3.28	3.04	0.10
12.35	2.59	2.36	1.29	14.95	3.28	3.05	0.10
12.40	2.63	2.40	1.05	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.87	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.76	15.10	3.30	3.07	0.09
12.55	2.74	2.51	0.69	15.15	3.30	3.07	0.09
12.60	2.76	2.53	0.61	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.53	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.46	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.42	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.40	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.38	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.36	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.34	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.08	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.08	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.08	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.07	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Summary for Subcatchment 16BP: PDA-16B (pervious)

Runoff = 1.71 cfs @ 12.18 hrs, Volume= 0.131 af, Depth= 1.49"
 Routed to Pond B-16B : Basin #16B

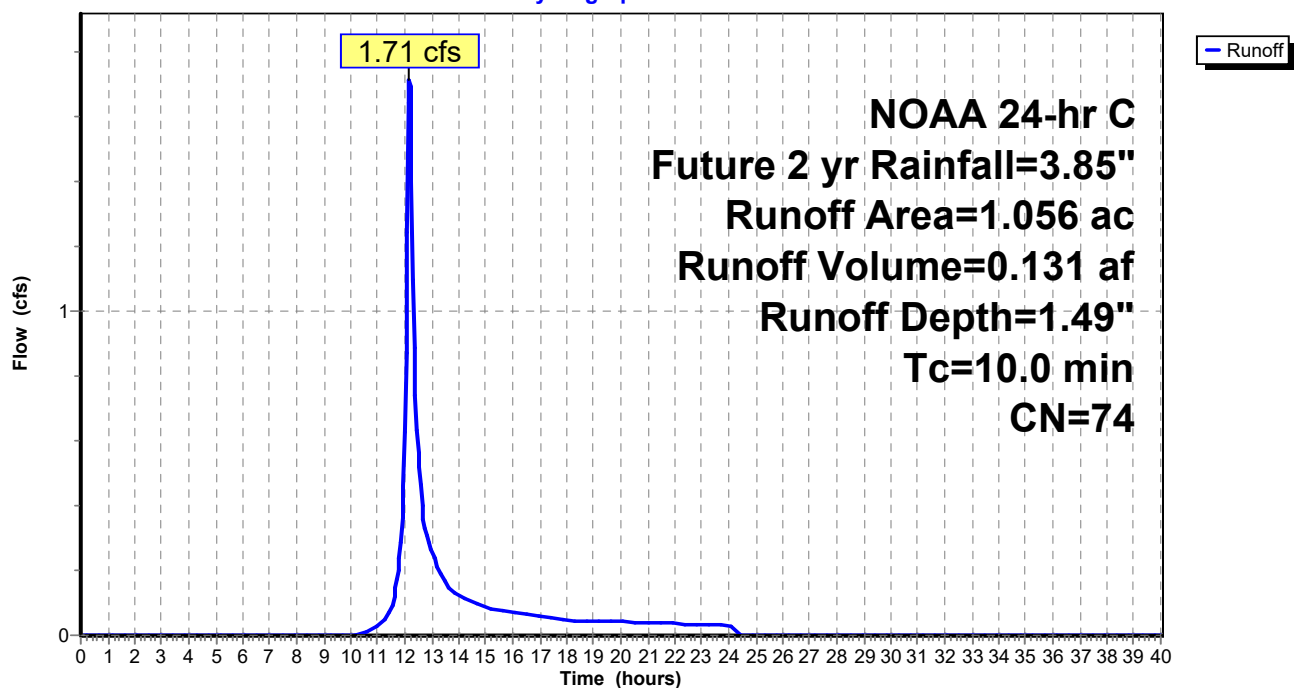
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.056	74	>75% Grass cover, Good, HSG C
1.056		100.00% Pervious Area

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

Subcatchment 16BP: PDA-16B (pervious)

Hydrograph



Hydrograph for Subcatchment 16BP: PDA-16B (pervious)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.26
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.24
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.23
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.22
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.21
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.20
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.19
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.18
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.18
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.17
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.16
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.16
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.15
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.14
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.14
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.13
11.20	1.00	0.02	0.05	13.80	3.11	0.98	0.13
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.13
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.13
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.12
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.12
11.45	1.11	0.04	0.08	14.05	3.16	1.01	0.12
11.50	1.14	0.05	0.09	14.10	3.16	1.01	0.12
11.55	1.18	0.06	0.10	14.15	3.17	1.02	0.12
11.60	1.22	0.07	0.12	14.20	3.18	1.02	0.12
11.65	1.26	0.08	0.15	14.25	3.19	1.03	0.11
11.70	1.30	0.09	0.17	14.30	3.20	1.03	0.11
11.75	1.35	0.10	0.20	14.35	3.20	1.04	0.11
11.80	1.41	0.12	0.24	14.40	3.21	1.04	0.11
11.85	1.49	0.14	0.29	14.45	3.22	1.05	0.11
11.90	1.57	0.17	0.36	14.50	3.23	1.05	0.10
11.95	1.70	0.22	0.46	14.55	3.23	1.06	0.10
12.00	1.83	0.28	0.63	14.60	3.24	1.06	0.10
12.05	2.06	0.38	0.87	14.65	3.25	1.07	0.10
12.10	2.28	0.49	1.24	14.70	3.25	1.07	0.10
12.15	2.36	0.53	1.64	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.69	14.80	3.26	1.08	0.09
12.25	2.50	0.61	1.40	14.85	3.27	1.08	0.09
12.30	2.55	0.64	1.10	14.90	3.28	1.09	0.09
12.35	2.59	0.66	0.89	14.95	3.28	1.09	0.09
12.40	2.63	0.69	0.74	15.00	3.29	1.10	0.08
12.45	2.67	0.71	0.63	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.56	15.10	3.30	1.10	0.08
12.55	2.74	0.75	0.52	15.15	3.30	1.11	0.08
12.60	2.76	0.76	0.47	15.20	3.31	1.11	0.08
12.65	2.79	0.78	0.40	15.25	3.31	1.11	0.08
12.70	2.81	0.79	0.36	15.30	3.32	1.12	0.08
12.75	2.83	0.80	0.33	15.35	3.32	1.12	0.08
12.80	2.85	0.82	0.31	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.30	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.28	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.27	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Summary for Subcatchment 17A1: PDA-17A (impervious)

Runoff = 0.67 cfs @ 12.17 hrs, Volume= 0.058 af, Depth= 3.62"
 Routed to Pond B-17A : Basin #17A

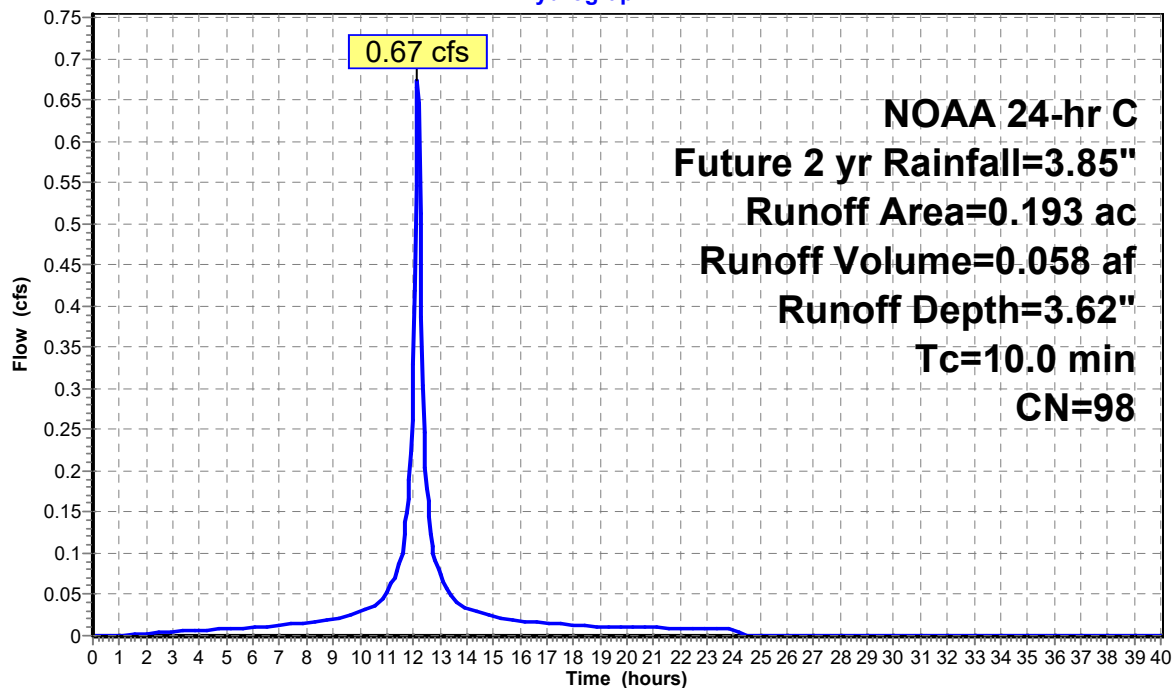
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.193	98	Roof, HSG C
0.000	98	Paved roads w/curbs & sewers, HSG C
* 0.000	98	Concrete, HSG C
0.193	98	Weighted Average
0.193		100.00% Impervious Area

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

Subcatchment 17A1: PDA-17A (impervious)

Hydrograph



Hydrograph for Subcatchment 17A1: PDA-17A (impervious)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.03	13.00	2.93	2.69	0.08
10.45	0.78	0.58	0.03	13.05	2.94	2.71	0.07
10.50	0.79	0.59	0.03	13.10	2.96	2.73	0.07
10.55	0.80	0.60	0.04	13.15	2.97	2.74	0.06
10.60	0.82	0.61	0.04	13.20	2.98	2.75	0.06
10.65	0.83	0.62	0.04	13.25	3.00	2.77	0.06
10.70	0.84	0.64	0.04	13.30	3.01	2.78	0.06
10.75	0.85	0.65	0.04	13.35	3.02	2.79	0.05
10.80	0.87	0.66	0.04	13.40	3.03	2.80	0.05
10.85	0.88	0.67	0.05	13.45	3.05	2.81	0.05
10.90	0.89	0.69	0.05	13.50	3.06	2.82	0.05
10.95	0.91	0.70	0.05	13.55	3.07	2.83	0.04
11.00	0.92	0.72	0.05	13.60	3.08	2.84	0.04
11.05	0.94	0.73	0.06	13.65	3.09	2.85	0.04
11.10	0.96	0.75	0.06	13.70	3.09	2.86	0.04
11.15	0.98	0.77	0.06	13.75	3.10	2.87	0.04
11.20	1.00	0.79	0.07	13.80	3.11	2.88	0.04
11.25	1.02	0.81	0.07	13.85	3.12	2.89	0.04
11.30	1.04	0.83	0.07	13.90	3.13	2.90	0.04
11.35	1.06	0.85	0.08	13.95	3.14	2.91	0.03
11.40	1.09	0.88	0.08	14.00	3.15	2.92	0.03
11.45	1.11	0.90	0.08	14.05	3.16	2.92	0.03
11.50	1.14	0.92	0.09	14.10	3.16	2.93	0.03
11.55	1.18	0.96	0.09	14.15	3.17	2.94	0.03
11.60	1.22	1.00	0.11	14.20	3.18	2.95	0.03
11.65	1.26	1.04	0.12	14.25	3.19	2.96	0.03
11.70	1.30	1.08	0.14	14.30	3.20	2.96	0.03
11.75	1.35	1.14	0.15	14.35	3.20	2.97	0.03
11.80	1.41	1.19	0.17	14.40	3.21	2.98	0.03
11.85	1.49	1.27	0.19	14.45	3.22	2.99	0.03
11.90	1.57	1.34	0.22	14.50	3.23	2.99	0.03
11.95	1.70	1.48	0.26	14.55	3.23	3.00	0.03
12.00	1.83	1.61	0.33	14.60	3.24	3.01	0.03
12.05	2.06	1.83	0.42	14.65	3.25	3.01	0.03
12.10	2.28	2.06	0.55	14.70	3.25	3.02	0.03
12.15	2.36	2.13	0.66	14.75	3.26	3.03	0.03
12.20	2.44	2.21	0.65	14.80	3.26	3.03	0.03
12.25	2.50	2.27	0.51	14.85	3.27	3.04	0.02
12.30	2.55	2.32	0.39	14.90	3.28	3.04	0.02
12.35	2.59	2.36	0.30	14.95	3.28	3.05	0.02
12.40	2.63	2.40	0.25	15.00	3.29	3.05	0.02
12.45	2.67	2.44	0.21	15.05	3.29	3.06	0.02
12.50	2.71	2.48	0.18	15.10	3.30	3.07	0.02
12.55	2.74	2.51	0.16	15.15	3.30	3.07	0.02
12.60	2.76	2.53	0.14	15.20	3.31	3.08	0.02
12.65	2.79	2.56	0.12	15.25	3.31	3.08	0.02
12.70	2.81	2.58	0.11	15.30	3.32	3.09	0.02
12.75	2.83	2.60	0.10	15.35	3.32	3.09	0.02
12.80	2.85	2.62	0.09	15.40	3.33	3.10	0.02
12.85	2.87	2.64	0.09	15.45	3.34	3.10	0.02
12.90	2.89	2.66	0.08	15.50	3.34	3.11	0.02
12.95	2.91	2.68	0.08	15.55	3.35	3.11	0.02

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.02	18.20	3.56	3.32	0.01
15.65	3.36	3.12	0.02	18.25	3.56	3.33	0.01
15.70	3.36	3.13	0.02	18.30	3.56	3.33	0.01
15.75	3.36	3.13	0.02	18.35	3.57	3.33	0.01
15.80	3.37	3.14	0.02	18.40	3.57	3.34	0.01
15.85	3.37	3.14	0.02	18.45	3.57	3.34	0.01
15.90	3.38	3.15	0.02	18.50	3.58	3.34	0.01
15.95	3.38	3.15	0.02	18.55	3.58	3.34	0.01
16.00	3.39	3.16	0.02	18.60	3.58	3.35	0.01
16.05	3.39	3.16	0.02	18.65	3.58	3.35	0.01
16.10	3.40	3.16	0.02	18.70	3.59	3.35	0.01
16.15	3.40	3.17	0.02	18.75	3.59	3.36	0.01
16.20	3.41	3.17	0.02	18.80	3.59	3.36	0.01
16.25	3.41	3.18	0.02	18.85	3.60	3.36	0.01
16.30	3.42	3.18	0.02	18.90	3.60	3.37	0.01
16.35	3.42	3.19	0.02	18.95	3.60	3.37	0.01
16.40	3.42	3.19	0.02	19.00	3.61	3.37	0.01
16.45	3.43	3.20	0.02	19.05	3.61	3.37	0.01
16.50	3.43	3.20	0.02	19.10	3.61	3.38	0.01
16.55	3.44	3.20	0.02	19.15	3.61	3.38	0.01
16.60	3.44	3.21	0.02	19.20	3.62	3.38	0.01
16.65	3.45	3.21	0.02	19.25	3.62	3.39	0.01
16.70	3.45	3.22	0.02	19.30	3.62	3.39	0.01
16.75	3.45	3.22	0.02	19.35	3.63	3.39	0.01
16.80	3.46	3.23	0.02	19.40	3.63	3.39	0.01
16.85	3.46	3.23	0.02	19.45	3.63	3.40	0.01
16.90	3.47	3.23	0.02	19.50	3.63	3.40	0.01
16.95	3.47	3.24	0.02	19.55	3.64	3.40	0.01
17.00	3.47	3.24	0.02	19.60	3.64	3.41	0.01
17.05	3.48	3.24	0.02	19.65	3.64	3.41	0.01
17.10	3.48	3.25	0.02	19.70	3.65	3.41	0.01
17.15	3.49	3.25	0.02	19.75	3.65	3.41	0.01
17.20	3.49	3.26	0.02	19.80	3.65	3.42	0.01
17.25	3.49	3.26	0.01	19.85	3.65	3.42	0.01
17.30	3.50	3.26	0.01	19.90	3.66	3.42	0.01
17.35	3.50	3.27	0.01	19.95	3.66	3.42	0.01
17.40	3.50	3.27	0.01	20.00	3.66	3.43	0.01
17.45	3.51	3.27	0.01	20.05	3.66	3.43	0.01
17.50	3.51	3.28	0.01	20.10	3.67	3.43	0.01
17.55	3.52	3.28	0.01	20.15	3.67	3.44	0.01
17.60	3.52	3.28	0.01	20.20	3.67	3.44	0.01
17.65	3.52	3.29	0.01	20.25	3.68	3.44	0.01
17.70	3.53	3.29	0.01	20.30	3.68	3.44	0.01
17.75	3.53	3.30	0.01	20.35	3.68	3.45	0.01
17.80	3.53	3.30	0.01	20.40	3.68	3.45	0.01
17.85	3.54	3.30	0.01	20.45	3.69	3.45	0.01
17.90	3.54	3.30	0.01	20.50	3.69	3.45	0.01
17.95	3.54	3.31	0.01	20.55	3.69	3.46	0.01
18.00	3.54	3.31	0.01	20.60	3.69	3.46	0.01
18.05	3.55	3.31	0.01	20.65	3.70	3.46	0.01
18.10	3.55	3.32	0.01	20.70	3.70	3.46	0.01
18.15	3.55	3.32	0.01	20.75	3.70	3.47	0.01

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Summary for Subcatchment 17AP: PDA-17A (pervious)

Runoff = 1.84 cfs @ 12.18 hrs, Volume= 0.140 af, Depth= 1.49"
 Routed to Pond B-17A : Basin #17A

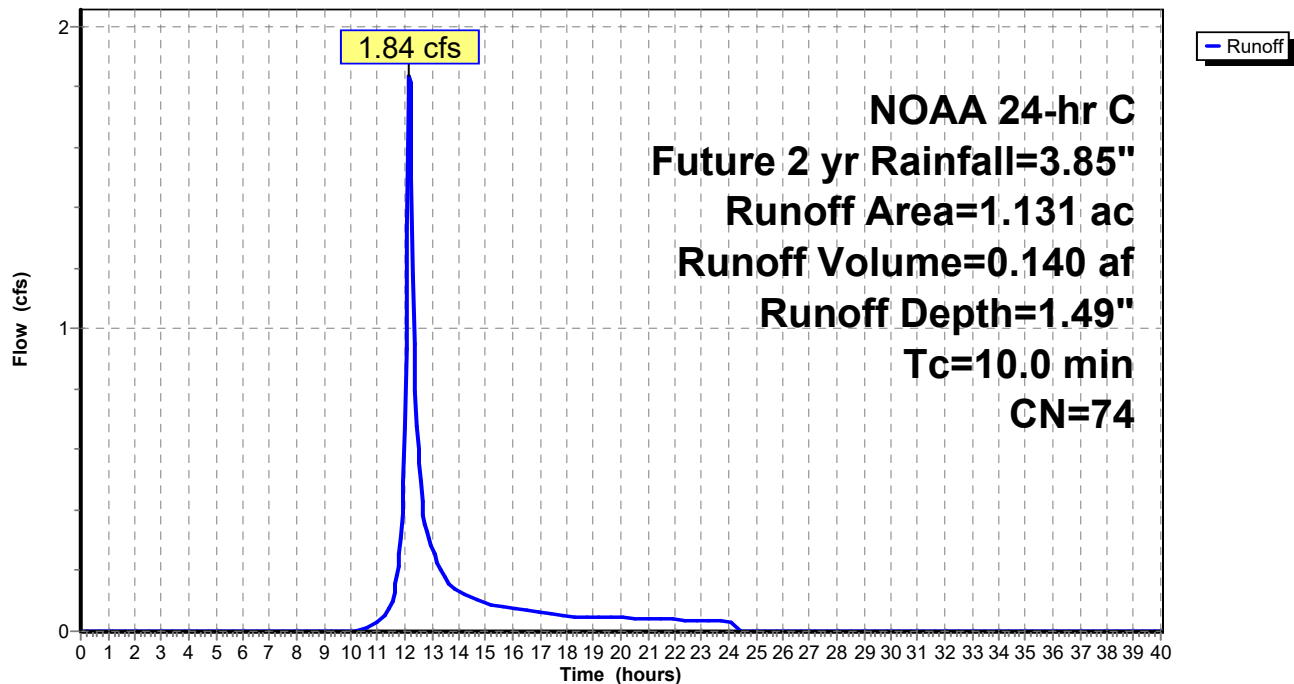
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.131	74	>75% Grass cover, Good, HSG C
1.131		100.00% Pervious Area

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

Subcatchment 17AP: PDA-17A (pervious)

Hydrograph



Hydrograph for Subcatchment 17AP: PDA-17A (pervious)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.27
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.26
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.25
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.23
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.22
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.21
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.21
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.20
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.19
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.18
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.17
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.17
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.16
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.15
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.15
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.14
11.20	1.00	0.02	0.05	13.80	3.11	0.98	0.14
11.25	1.02	0.03	0.06	13.85	3.12	0.99	0.14
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.14
11.35	1.06	0.03	0.07	13.95	3.14	1.00	0.13
11.40	1.09	0.04	0.08	14.00	3.15	1.00	0.13
11.45	1.11	0.04	0.09	14.05	3.16	1.01	0.13
11.50	1.14	0.05	0.09	14.10	3.16	1.01	0.13
11.55	1.18	0.06	0.11	14.15	3.17	1.02	0.13
11.60	1.22	0.07	0.13	14.20	3.18	1.02	0.12
11.65	1.26	0.08	0.16	14.25	3.19	1.03	0.12
11.70	1.30	0.09	0.19	14.30	3.20	1.03	0.12
11.75	1.35	0.10	0.21	14.35	3.20	1.04	0.12
11.80	1.41	0.12	0.25	14.40	3.21	1.04	0.12
11.85	1.49	0.14	0.31	14.45	3.22	1.05	0.11
11.90	1.57	0.17	0.39	14.50	3.23	1.05	0.11
11.95	1.70	0.22	0.49	14.55	3.23	1.06	0.11
12.00	1.83	0.28	0.67	14.60	3.24	1.06	0.11
12.05	2.06	0.38	0.93	14.65	3.25	1.07	0.11
12.10	2.28	0.49	1.33	14.70	3.25	1.07	0.10
12.15	2.36	0.53	1.76	14.75	3.26	1.08	0.10
12.20	2.44	0.57	1.81	14.80	3.26	1.08	0.10
12.25	2.50	0.61	1.50	14.85	3.27	1.08	0.10
12.30	2.55	0.64	1.17	14.90	3.28	1.09	0.10
12.35	2.59	0.66	0.95	14.95	3.28	1.09	0.09
12.40	2.63	0.69	0.79	15.00	3.29	1.10	0.09
12.45	2.67	0.71	0.68	15.05	3.29	1.10	0.09
12.50	2.71	0.73	0.60	15.10	3.30	1.10	0.09
12.55	2.74	0.75	0.56	15.15	3.30	1.11	0.08
12.60	2.76	0.76	0.50	15.20	3.31	1.11	0.08
12.65	2.79	0.78	0.43	15.25	3.31	1.11	0.08
12.70	2.81	0.79	0.38	15.30	3.32	1.12	0.08
12.75	2.83	0.80	0.35	15.35	3.32	1.12	0.08
12.80	2.85	0.82	0.33	15.40	3.33	1.12	0.08
12.85	2.87	0.83	0.32	15.45	3.34	1.13	0.08
12.90	2.89	0.84	0.30	15.50	3.34	1.13	0.08
12.95	2.91	0.85	0.29	15.55	3.35	1.13	0.08

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Summary for Subcatchment 17BI: PDA-17B (impervious)

Runoff = 1.80 cfs @ 12.17 hrs, Volume= 0.155 af, Depth= 3.62"
 Routed to Pond B-17B : Basin #17B

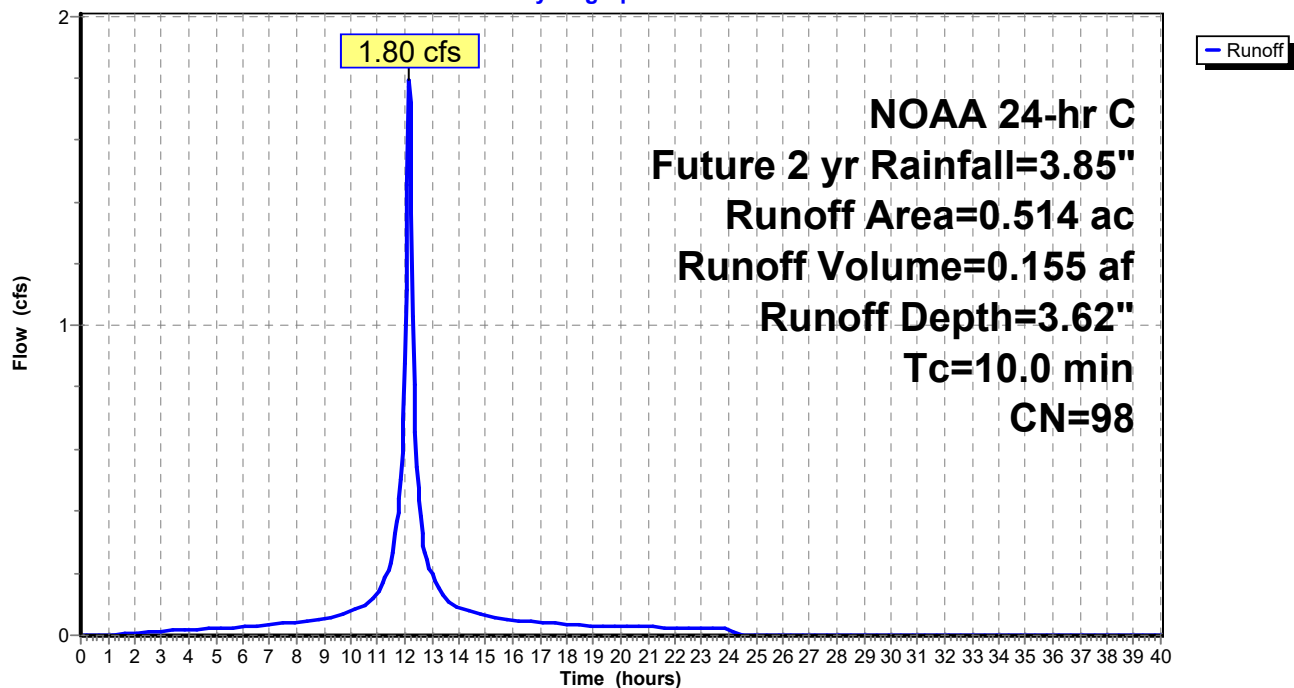
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.514	98	Roof, HSG C
0.514		100.00% Impervious Area

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

Subcatchment 17BI: PDA-17B (impervious)

Hydrograph



Hydrograph for Subcatchment 17BI: PDA-17B (impervious)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.02	7.80	0.44	0.27	0.04
5.25	0.26	0.11	0.02	7.85	0.45	0.27	0.04
5.30	0.26	0.12	0.02	7.90	0.45	0.27	0.04
5.35	0.27	0.12	0.02	7.95	0.46	0.28	0.04
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.04
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.04
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.04
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.04
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.04
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.04
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.04
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.04
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.05
5.85	0.30	0.14	0.03	8.45	0.50	0.32	0.05
5.90	0.30	0.14	0.03	8.50	0.51	0.33	0.05
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.05
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.05
6.05	0.31	0.15	0.03	8.65	0.53	0.34	0.05
6.10	0.31	0.15	0.03	8.70	0.53	0.35	0.05
6.15	0.31	0.16	0.03	8.75	0.54	0.35	0.05
6.20	0.32	0.16	0.03	8.80	0.54	0.36	0.05
6.25	0.32	0.16	0.03	8.85	0.55	0.36	0.05
6.30	0.32	0.17	0.03	8.90	0.55	0.36	0.05
6.35	0.33	0.17	0.03	8.95	0.56	0.37	0.05
6.40	0.33	0.17	0.03	9.00	0.56	0.37	0.05
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.05
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.05
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.05
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.05
6.65	0.35	0.19	0.03	9.25	0.59	0.40	0.06
6.70	0.35	0.19	0.03	9.30	0.60	0.41	0.06
6.75	0.36	0.19	0.03	9.35	0.60	0.41	0.06
6.80	0.36	0.19	0.03	9.40	0.61	0.42	0.06
6.85	0.36	0.20	0.03	9.45	0.62	0.43	0.06
6.90	0.37	0.20	0.03	9.50	0.62	0.43	0.06
6.95	0.37	0.20	0.03	9.55	0.63	0.44	0.06
7.00	0.38	0.21	0.03	9.60	0.64	0.45	0.07
7.05	0.38	0.21	0.03	9.65	0.65	0.45	0.07
7.10	0.38	0.21	0.03	9.70	0.65	0.46	0.07
7.15	0.39	0.22	0.03	9.75	0.66	0.47	0.07
7.20	0.39	0.22	0.04	9.80	0.67	0.47	0.07
7.25	0.40	0.23	0.04	9.85	0.68	0.48	0.07
7.30	0.40	0.23	0.04	9.90	0.69	0.49	0.07
7.35	0.40	0.23	0.04	9.95	0.69	0.50	0.08
7.40	0.41	0.24	0.04	10.00	0.70	0.51	0.08
7.45	0.41	0.24	0.04	10.05	0.71	0.51	0.08
7.50	0.42	0.24	0.04	10.10	0.72	0.52	0.08
7.55	0.42	0.25	0.04	10.15	0.73	0.53	0.08
7.60	0.43	0.25	0.04	10.20	0.74	0.54	0.08
7.65	0.43	0.25	0.04	10.25	0.75	0.55	0.09
7.70	0.43	0.26	0.04	10.30	0.76	0.56	0.09
7.75	0.44	0.26	0.04	10.35	0.76	0.56	0.09

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.09	13.00	2.93	2.69	0.20
10.45	0.78	0.58	0.09	13.05	2.94	2.71	0.19
10.50	0.79	0.59	0.09	13.10	2.96	2.73	0.18
10.55	0.80	0.60	0.09	13.15	2.97	2.74	0.17
10.60	0.82	0.61	0.10	13.20	2.98	2.75	0.16
10.65	0.83	0.62	0.10	13.25	3.00	2.77	0.15
10.70	0.84	0.64	0.11	13.30	3.01	2.78	0.15
10.75	0.85	0.65	0.11	13.35	3.02	2.79	0.14
10.80	0.87	0.66	0.12	13.40	3.03	2.80	0.14
10.85	0.88	0.67	0.12	13.45	3.05	2.81	0.13
10.90	0.89	0.69	0.13	13.50	3.06	2.82	0.12
10.95	0.91	0.70	0.13	13.55	3.07	2.83	0.12
11.00	0.92	0.72	0.14	13.60	3.08	2.84	0.11
11.05	0.94	0.73	0.15	13.65	3.09	2.85	0.11
11.10	0.96	0.75	0.15	13.70	3.09	2.86	0.10
11.15	0.98	0.77	0.16	13.75	3.10	2.87	0.10
11.20	1.00	0.79	0.17	13.80	3.11	2.88	0.10
11.25	1.02	0.81	0.18	13.85	3.12	2.89	0.10
11.30	1.04	0.83	0.19	13.90	3.13	2.90	0.09
11.35	1.06	0.85	0.20	13.95	3.14	2.91	0.09
11.40	1.09	0.88	0.22	14.00	3.15	2.92	0.09
11.45	1.11	0.90	0.23	14.05	3.16	2.92	0.09
11.50	1.14	0.92	0.24	14.10	3.16	2.93	0.09
11.55	1.18	0.96	0.25	14.15	3.17	2.94	0.09
11.60	1.22	1.00	0.28	14.20	3.18	2.95	0.09
11.65	1.26	1.04	0.33	14.25	3.19	2.96	0.08
11.70	1.30	1.08	0.37	14.30	3.20	2.96	0.08
11.75	1.35	1.14	0.40	14.35	3.20	2.97	0.08
11.80	1.41	1.19	0.44	14.40	3.21	2.98	0.08
11.85	1.49	1.27	0.50	14.45	3.22	2.99	0.08
11.90	1.57	1.34	0.59	14.50	3.23	2.99	0.08
11.95	1.70	1.48	0.70	14.55	3.23	3.00	0.08
12.00	1.83	1.61	0.88	14.60	3.24	3.01	0.07
12.05	2.06	1.83	1.12	14.65	3.25	3.01	0.07
12.10	2.28	2.06	1.45	14.70	3.25	3.02	0.07
12.15	2.36	2.13	1.77	14.75	3.26	3.03	0.07
12.20	2.44	2.21	1.72	14.80	3.26	3.03	0.07
12.25	2.50	2.27	1.36	14.85	3.27	3.04	0.07
12.30	2.55	2.32	1.03	14.90	3.28	3.04	0.06
12.35	2.59	2.36	0.81	14.95	3.28	3.05	0.06
12.40	2.63	2.40	0.65	15.00	3.29	3.05	0.06
12.45	2.67	2.44	0.55	15.05	3.29	3.06	0.06
12.50	2.71	2.48	0.48	15.10	3.30	3.07	0.06
12.55	2.74	2.51	0.43	15.15	3.30	3.07	0.06
12.60	2.76	2.53	0.38	15.20	3.31	3.08	0.06
12.65	2.79	2.56	0.33	15.25	3.31	3.08	0.06
12.70	2.81	2.58	0.29	15.30	3.32	3.09	0.06
12.75	2.83	2.60	0.27	15.35	3.32	3.09	0.05
12.80	2.85	2.62	0.25	15.40	3.33	3.10	0.05
12.85	2.87	2.64	0.24	15.45	3.34	3.10	0.05
12.90	2.89	2.66	0.22	15.50	3.34	3.11	0.05
12.95	2.91	2.68	0.21	15.55	3.35	3.11	0.05

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.05	18.20	3.56	3.32	0.03
15.65	3.36	3.12	0.05	18.25	3.56	3.33	0.03
15.70	3.36	3.13	0.05	18.30	3.56	3.33	0.03
15.75	3.36	3.13	0.05	18.35	3.57	3.33	0.03
15.80	3.37	3.14	0.05	18.40	3.57	3.34	0.03
15.85	3.37	3.14	0.05	18.45	3.57	3.34	0.03
15.90	3.38	3.15	0.05	18.50	3.58	3.34	0.03
15.95	3.38	3.15	0.05	18.55	3.58	3.34	0.03
16.00	3.39	3.16	0.05	18.60	3.58	3.35	0.03
16.05	3.39	3.16	0.05	18.65	3.58	3.35	0.03
16.10	3.40	3.16	0.05	18.70	3.59	3.35	0.03
16.15	3.40	3.17	0.05	18.75	3.59	3.36	0.03
16.20	3.41	3.17	0.05	18.80	3.59	3.36	0.03
16.25	3.41	3.18	0.05	18.85	3.60	3.36	0.03
16.30	3.42	3.18	0.05	18.90	3.60	3.37	0.03
16.35	3.42	3.19	0.05	18.95	3.60	3.37	0.03
16.40	3.42	3.19	0.05	19.00	3.61	3.37	0.03
16.45	3.43	3.20	0.05	19.05	3.61	3.37	0.03
16.50	3.43	3.20	0.05	19.10	3.61	3.38	0.03
16.55	3.44	3.20	0.05	19.15	3.61	3.38	0.03
16.60	3.44	3.21	0.04	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.04	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.04	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.04	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.04	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.04	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.04	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.04	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.04	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.04	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.04	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.04	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.04	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.04	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.04	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.04	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.04	20.00	3.66	3.43	0.03
17.45	3.51	3.27	0.04	20.05	3.66	3.43	0.03
17.50	3.51	3.28	0.04	20.10	3.67	3.43	0.03
17.55	3.52	3.28	0.04	20.15	3.67	3.44	0.03
17.60	3.52	3.28	0.04	20.20	3.67	3.44	0.03
17.65	3.52	3.29	0.04	20.25	3.68	3.44	0.03
17.70	3.53	3.29	0.04	20.30	3.68	3.44	0.03
17.75	3.53	3.30	0.04	20.35	3.68	3.45	0.03
17.80	3.53	3.30	0.04	20.40	3.68	3.45	0.03
17.85	3.54	3.30	0.03	20.45	3.69	3.45	0.03
17.90	3.54	3.30	0.03	20.50	3.69	3.45	0.03
17.95	3.54	3.31	0.03	20.55	3.69	3.46	0.03
18.00	3.54	3.31	0.03	20.60	3.69	3.46	0.03
18.05	3.55	3.31	0.03	20.65	3.70	3.46	0.03
18.10	3.55	3.32	0.03	20.70	3.70	3.46	0.03
18.15	3.55	3.32	0.03	20.75	3.70	3.47	0.03

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.03	23.40	3.82	3.59	0.02
20.85	3.71	3.47	0.03	23.45	3.83	3.59	0.02
20.90	3.71	3.47	0.03	23.50	3.83	3.59	0.02
20.95	3.71	3.48	0.03	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.03	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.03	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.03	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.03	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.03	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.03	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.03	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.02
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.02
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.03	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.03	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.03	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.02	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.02	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.02	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.02	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.02	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.02	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.02	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.02	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.02	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.02	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.02	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.02	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.02	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.02	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.02	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.02	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.02	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.02	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.02	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.02	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.02	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.02	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.02	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.02	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.02	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.02	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.02	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.02	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.02	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.02	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.02	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.02	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.02	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Summary for Subcatchment 17BP: PDA-17B (pervious)

Runoff = 1.41 cfs @ 12.18 hrs, Volume= 0.108 af, Depth= 1.49"
 Routed to Pond B-17B : Basin #17B

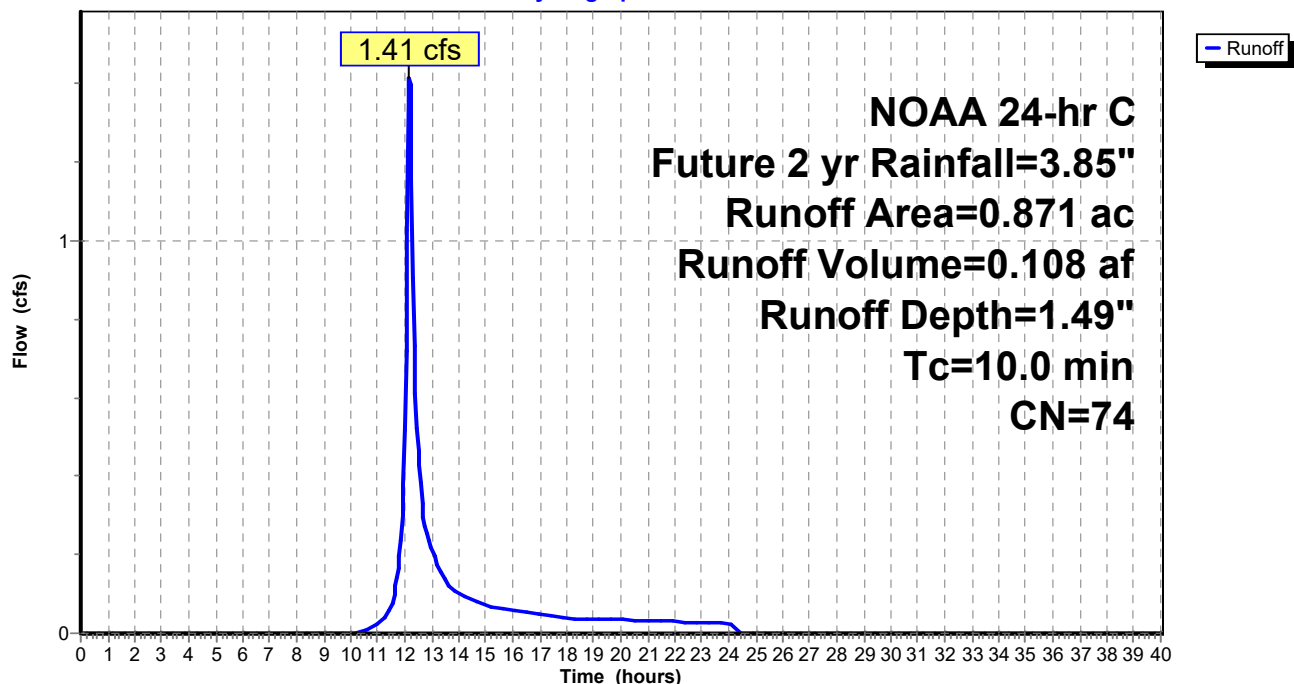
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.871	74	>75% Grass cover, Good, HSG C
0.871		100.00% Pervious Area

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

Subcatchment 17BP: PDA-17B (pervious)

Hydrograph



Hydrograph for Subcatchment 17BP: PDA-17B (pervious)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.21
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.20
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.19
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.18
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.17
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.16
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.16
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.15
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.15
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.14
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.13
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.13
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.12
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.12
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.11
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.11
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.11
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.11
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.10
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.10
11.40	1.09	0.04	0.06	14.00	3.15	1.00	0.10
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.10
11.50	1.14	0.05	0.07	14.10	3.16	1.01	0.10
11.55	1.18	0.06	0.08	14.15	3.17	1.02	0.10
11.60	1.22	0.07	0.10	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.12	14.25	3.19	1.03	0.09
11.70	1.30	0.09	0.14	14.30	3.20	1.03	0.09
11.75	1.35	0.10	0.17	14.35	3.20	1.04	0.09
11.80	1.41	0.12	0.20	14.40	3.21	1.04	0.09
11.85	1.49	0.14	0.24	14.45	3.22	1.05	0.09
11.90	1.57	0.17	0.30	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.38	14.55	3.23	1.06	0.08
12.00	1.83	0.28	0.52	14.60	3.24	1.06	0.08
12.05	2.06	0.38	0.72	14.65	3.25	1.07	0.08
12.10	2.28	0.49	1.02	14.70	3.25	1.07	0.08
12.15	2.36	0.53	1.35	14.75	3.26	1.08	0.08
12.20	2.44	0.57	1.40	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.15	14.85	3.27	1.08	0.07
12.30	2.55	0.64	0.90	14.90	3.28	1.09	0.07
12.35	2.59	0.66	0.73	14.95	3.28	1.09	0.07
12.40	2.63	0.69	0.61	15.00	3.29	1.10	0.07
12.45	2.67	0.71	0.52	15.05	3.29	1.10	0.07
12.50	2.71	0.73	0.46	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.43	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.38	15.20	3.31	1.11	0.06
12.65	2.79	0.78	0.33	15.25	3.31	1.11	0.06
12.70	2.81	0.79	0.29	15.30	3.32	1.12	0.06
12.75	2.83	0.80	0.27	15.35	3.32	1.12	0.06
12.80	2.85	0.82	0.26	15.40	3.33	1.12	0.06
12.85	2.87	0.83	0.24	15.45	3.34	1.13	0.06
12.90	2.89	0.84	0.23	15.50	3.34	1.13	0.06
12.95	2.91	0.85	0.22	15.55	3.35	1.13	0.06

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.06	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.06	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.06	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.06	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.06	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.06	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.06	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.06	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.06	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.06	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.06	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.06	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.06	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.05	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.05	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.05	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.05	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.05	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.05	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.05	19.15	3.61	1.32	0.04
16.60	3.44	1.20	0.05	19.20	3.62	1.32	0.04
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.04
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.04
16.75	3.45	1.21	0.05	19.35	3.63	1.33	0.04
16.80	3.46	1.21	0.05	19.40	3.63	1.33	0.04
16.85	3.46	1.21	0.05	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.05	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.05	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.05	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.05	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.05	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.05	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.05	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.05	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.05	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.05	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.04	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.04	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.04	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.04	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.04	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Summary for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

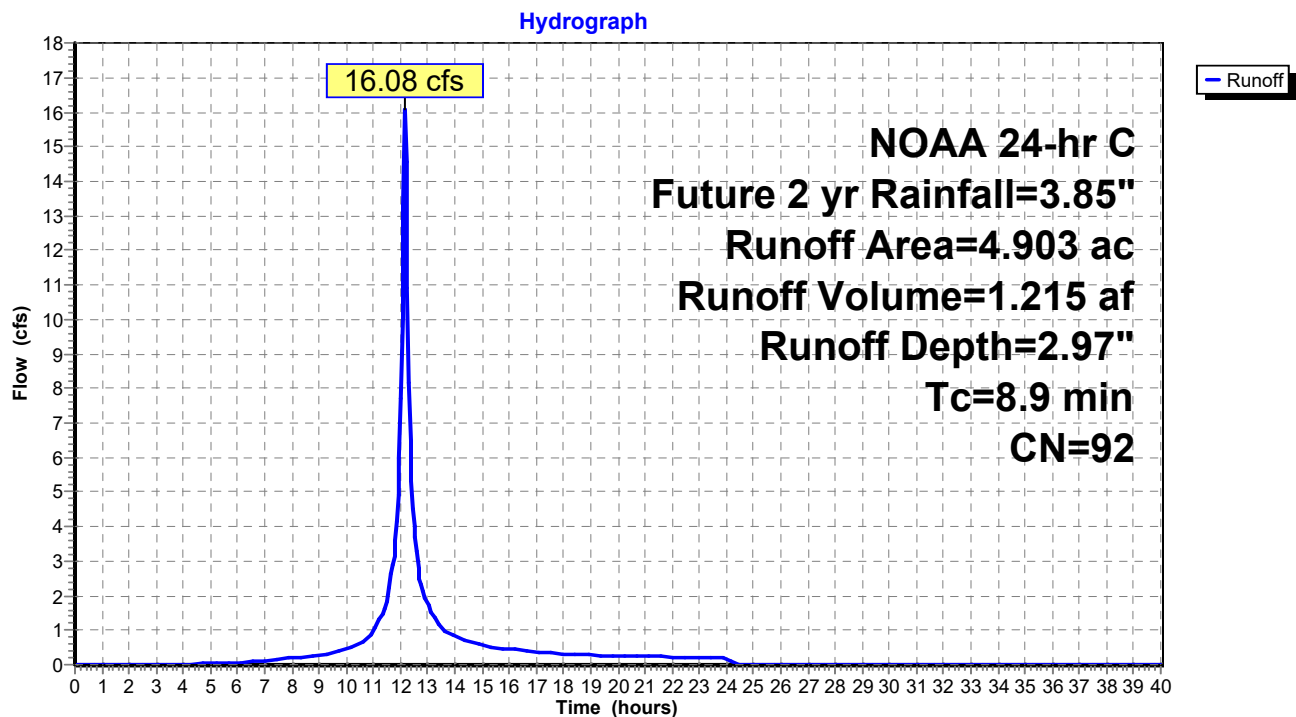
Runoff = 16.08 cfs @ 12.16 hrs, Volume= 1.215 af, Depth= 2.97"
Routed to Link PDA-1OF : PDA-1 (offsite)

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

Area (ac)	CN	Description
4.536	92	Paved roads w/open ditches, 50% imp, HSG C
* 0.367	98	Roofs
4.903	92	Weighted Average
2.268		46.26% Pervious Area
2.635		53.74% Impervious Area

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

Subcatchment OPDA-1I: PDA-1 (offsite impervious)



Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

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

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.01	0.04	7.80	0.44	0.06	0.18
5.25	0.26	0.01	0.05	7.85	0.45	0.07	0.18
5.30	0.26	0.01	0.05	7.90	0.45	0.07	0.18
5.35	0.27	0.01	0.05	7.95	0.46	0.07	0.19
5.40	0.27	0.01	0.05	8.00	0.46	0.07	0.19
5.45	0.27	0.01	0.05	8.05	0.47	0.07	0.19
5.50	0.27	0.01	0.05	8.10	0.47	0.08	0.20
5.55	0.28	0.01	0.06	8.15	0.48	0.08	0.20
5.60	0.28	0.01	0.06	8.20	0.48	0.08	0.21
5.65	0.28	0.01	0.06	8.25	0.49	0.08	0.21
5.70	0.29	0.01	0.06	8.30	0.49	0.08	0.21
5.75	0.29	0.01	0.06	8.35	0.49	0.09	0.22
5.80	0.29	0.01	0.06	8.40	0.50	0.09	0.22
5.85	0.30	0.01	0.07	8.45	0.50	0.09	0.22
5.90	0.30	0.02	0.07	8.50	0.51	0.09	0.23
5.95	0.30	0.02	0.07	8.55	0.51	0.10	0.23
6.00	0.31	0.02	0.07	8.60	0.52	0.10	0.24
6.05	0.31	0.02	0.07	8.65	0.53	0.10	0.24
6.10	0.31	0.02	0.07	8.70	0.53	0.10	0.24
6.15	0.31	0.02	0.08	8.75	0.54	0.11	0.25
6.20	0.32	0.02	0.08	8.80	0.54	0.11	0.25
6.25	0.32	0.02	0.08	8.85	0.55	0.11	0.26
6.30	0.32	0.02	0.08	8.90	0.55	0.11	0.26
6.35	0.33	0.02	0.09	8.95	0.56	0.12	0.26
6.40	0.33	0.02	0.09	9.00	0.56	0.12	0.27
6.45	0.33	0.03	0.09	9.05	0.57	0.12	0.27
6.50	0.34	0.03	0.09	9.10	0.57	0.13	0.28
6.55	0.34	0.03	0.10	9.15	0.58	0.13	0.29
6.60	0.35	0.03	0.10	9.20	0.59	0.13	0.30
6.65	0.35	0.03	0.10	9.25	0.59	0.14	0.31
6.70	0.35	0.03	0.11	9.30	0.60	0.14	0.32
6.75	0.36	0.03	0.11	9.35	0.60	0.14	0.33
6.80	0.36	0.03	0.11	9.40	0.61	0.15	0.34
6.85	0.36	0.03	0.11	9.45	0.62	0.15	0.35
6.90	0.37	0.04	0.12	9.50	0.62	0.15	0.36
6.95	0.37	0.04	0.12	9.55	0.63	0.16	0.37
7.00	0.38	0.04	0.12	9.60	0.64	0.16	0.38
7.05	0.38	0.04	0.13	9.65	0.65	0.17	0.39
7.10	0.38	0.04	0.13	9.70	0.65	0.17	0.41
7.15	0.39	0.04	0.13	9.75	0.66	0.18	0.42
7.20	0.39	0.04	0.14	9.80	0.67	0.18	0.43
7.25	0.40	0.05	0.14	9.85	0.68	0.18	0.44
7.30	0.40	0.05	0.14	9.90	0.69	0.19	0.45
7.35	0.40	0.05	0.15	9.95	0.69	0.19	0.46
7.40	0.41	0.05	0.15	10.00	0.70	0.20	0.48
7.45	0.41	0.05	0.15	10.05	0.71	0.20	0.49
7.50	0.42	0.05	0.16	10.10	0.72	0.21	0.50
7.55	0.42	0.05	0.16	10.15	0.73	0.22	0.51
7.60	0.43	0.06	0.16	10.20	0.74	0.22	0.53
7.65	0.43	0.06	0.17	10.25	0.75	0.23	0.54
7.70	0.43	0.06	0.17	10.30	0.76	0.23	0.55
7.75	0.44	0.06	0.17	10.35	0.76	0.24	0.57

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.25	0.58	13.00	2.93	2.09	1.78
10.45	0.78	0.25	0.59	13.05	2.94	2.11	1.69
10.50	0.79	0.26	0.61	13.10	2.96	2.12	1.59
10.55	0.80	0.26	0.62	13.15	2.97	2.13	1.50
10.60	0.82	0.27	0.65	13.20	2.98	2.15	1.43
10.65	0.83	0.28	0.68	13.25	3.00	2.16	1.37
10.70	0.84	0.29	0.72	13.30	3.01	2.17	1.31
10.75	0.85	0.30	0.76	13.35	3.02	2.18	1.26
10.80	0.87	0.31	0.81	13.40	3.03	2.19	1.21
10.85	0.88	0.32	0.85	13.45	3.05	2.20	1.15
10.90	0.89	0.33	0.89	13.50	3.06	2.21	1.10
10.95	0.91	0.34	0.94	13.55	3.07	2.22	1.05
11.00	0.92	0.35	0.99	13.60	3.08	2.23	1.00
11.05	0.94	0.36	1.03	13.65	3.09	2.24	0.95
11.10	0.96	0.37	1.10	13.70	3.09	2.25	0.92
11.15	0.98	0.39	1.17	13.75	3.10	2.26	0.90
11.20	1.00	0.40	1.25	13.80	3.11	2.27	0.88
11.25	1.02	0.42	1.34	13.85	3.12	2.28	0.87
11.30	1.04	0.43	1.42	13.90	3.13	2.29	0.85
11.35	1.06	0.45	1.51	13.95	3.14	2.29	0.84
11.40	1.09	0.47	1.60	14.00	3.15	2.30	0.83
11.45	1.11	0.49	1.69	14.05	3.16	2.31	0.81
11.50	1.14	0.51	1.77	14.10	3.16	2.32	0.80
11.55	1.18	0.54	1.90	14.15	3.17	2.32	0.79
11.60	1.22	0.57	2.22	14.20	3.18	2.33	0.77
11.65	1.26	0.60	2.63	14.25	3.19	2.34	0.76
11.70	1.30	0.63	2.92	14.30	3.20	2.35	0.75
11.75	1.35	0.68	3.16	14.35	3.20	2.35	0.73
11.80	1.41	0.73	3.59	14.40	3.21	2.36	0.72
11.85	1.49	0.79	4.16	14.45	3.22	2.37	0.71
11.90	1.57	0.86	4.94	14.50	3.23	2.37	0.69
11.95	1.70	0.97	5.97	14.55	3.23	2.38	0.68
12.00	1.83	1.09	7.72	14.60	3.24	2.39	0.67
12.05	2.06	1.29	10.04	14.65	3.25	2.39	0.65
12.10	2.28	1.49	13.31	14.70	3.25	2.40	0.64
12.15	2.36	1.57	16.03	14.75	3.26	2.41	0.63
12.20	2.44	1.64	14.57	14.80	3.26	2.41	0.61
12.25	2.50	1.69	10.91	14.85	3.27	2.42	0.60
12.30	2.55	1.74	8.19	14.90	3.28	2.42	0.59
12.35	2.59	1.78	6.51	14.95	3.28	2.43	0.57
12.40	2.63	1.82	5.34	15.00	3.29	2.43	0.56
12.45	2.67	1.85	4.51	15.05	3.29	2.44	0.55
12.50	2.71	1.89	4.03	15.10	3.30	2.44	0.53
12.55	2.74	1.91	3.72	15.15	3.30	2.45	0.52
12.60	2.76	1.94	3.27	15.20	3.31	2.45	0.51
12.65	2.79	1.96	2.79	15.25	3.31	2.46	0.51
12.70	2.81	1.98	2.48	15.30	3.32	2.46	0.50
12.75	2.83	2.00	2.31	15.35	3.32	2.47	0.50
12.80	2.85	2.02	2.18	15.40	3.33	2.47	0.49
12.85	2.87	2.04	2.07	15.45	3.34	2.48	0.49
12.90	2.89	2.06	1.97	15.50	3.34	2.48	0.49
12.95	2.91	2.08	1.88	15.55	3.35	2.49	0.48

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	2.49	0.48	18.20	3.56	2.69	0.29
15.65	3.36	2.50	0.48	18.25	3.56	2.69	0.29
15.70	3.36	2.50	0.47	18.30	3.56	2.70	0.29
15.75	3.36	2.51	0.47	18.35	3.57	2.70	0.29
15.80	3.37	2.51	0.46	18.40	3.57	2.70	0.29
15.85	3.37	2.52	0.46	18.45	3.57	2.71	0.29
15.90	3.38	2.52	0.46	18.50	3.58	2.71	0.29
15.95	3.38	2.53	0.45	18.55	3.58	2.71	0.29
16.00	3.39	2.53	0.45	18.60	3.58	2.71	0.29
16.05	3.39	2.53	0.45	18.65	3.58	2.72	0.29
16.10	3.40	2.54	0.44	18.70	3.59	2.72	0.28
16.15	3.40	2.54	0.44	18.75	3.59	2.72	0.28
16.20	3.41	2.55	0.44	18.80	3.59	2.73	0.28
16.25	3.41	2.55	0.43	18.85	3.60	2.73	0.28
16.30	3.42	2.56	0.43	18.90	3.60	2.73	0.28
16.35	3.42	2.56	0.43	18.95	3.60	2.73	0.28
16.40	3.42	2.56	0.42	19.00	3.61	2.74	0.28
16.45	3.43	2.57	0.42	19.05	3.61	2.74	0.28
16.50	3.43	2.57	0.41	19.10	3.61	2.74	0.28
16.55	3.44	2.58	0.41	19.15	3.61	2.75	0.28
16.60	3.44	2.58	0.41	19.20	3.62	2.75	0.28
16.65	3.45	2.59	0.40	19.25	3.62	2.75	0.27
16.70	3.45	2.59	0.40	19.30	3.62	2.75	0.27
16.75	3.45	2.59	0.40	19.35	3.63	2.76	0.27
16.80	3.46	2.60	0.39	19.40	3.63	2.76	0.27
16.85	3.46	2.60	0.39	19.45	3.63	2.76	0.27
16.90	3.47	2.60	0.39	19.50	3.63	2.76	0.27
16.95	3.47	2.61	0.38	19.55	3.64	2.77	0.27
17.00	3.47	2.61	0.38	19.60	3.64	2.77	0.27
17.05	3.48	2.62	0.38	19.65	3.64	2.77	0.27
17.10	3.48	2.62	0.37	19.70	3.65	2.78	0.27
17.15	3.49	2.62	0.37	19.75	3.65	2.78	0.27
17.20	3.49	2.63	0.37	19.80	3.65	2.78	0.27
17.25	3.49	2.63	0.36	19.85	3.65	2.78	0.26
17.30	3.50	2.63	0.36	19.90	3.66	2.79	0.26
17.35	3.50	2.64	0.35	19.95	3.66	2.79	0.26
17.40	3.50	2.64	0.35	20.00	3.66	2.79	0.26
17.45	3.51	2.64	0.35	20.05	3.66	2.79	0.26
17.50	3.51	2.65	0.34	20.10	3.67	2.80	0.26
17.55	3.52	2.65	0.34	20.15	3.67	2.80	0.26
17.60	3.52	2.65	0.34	20.20	3.67	2.80	0.26
17.65	3.52	2.66	0.33	20.25	3.68	2.80	0.26
17.70	3.53	2.66	0.33	20.30	3.68	2.81	0.26
17.75	3.53	2.66	0.33	20.35	3.68	2.81	0.25
17.80	3.53	2.67	0.32	20.40	3.68	2.81	0.25
17.85	3.54	2.67	0.32	20.45	3.69	2.81	0.25
17.90	3.54	2.67	0.31	20.50	3.69	2.82	0.25
17.95	3.54	2.68	0.31	20.55	3.69	2.82	0.25
18.00	3.54	2.68	0.31	20.60	3.69	2.82	0.25
18.05	3.55	2.68	0.30	20.65	3.70	2.82	0.25
18.10	3.55	2.69	0.30	20.70	3.70	2.83	0.25
18.15	3.55	2.69	0.30	20.75	3.70	2.83	0.25

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	2.83	0.25	23.40	3.82	2.95	0.20
20.85	3.71	2.83	0.25	23.45	3.83	2.95	0.20
20.90	3.71	2.84	0.24	23.50	3.83	2.95	0.20
20.95	3.71	2.84	0.24	23.55	3.83	2.95	0.20
21.00	3.71	2.84	0.24	23.60	3.83	2.96	0.20
21.05	3.72	2.84	0.24	23.65	3.84	2.96	0.20
21.10	3.72	2.85	0.24	23.70	3.84	2.96	0.19
21.15	3.72	2.85	0.24	23.75	3.84	2.96	0.19
21.20	3.72	2.85	0.24	23.80	3.84	2.96	0.19
21.25	3.73	2.85	0.24	23.85	3.84	2.97	0.19
21.30	3.73	2.86	0.24	23.90	3.85	2.97	0.19
21.35	3.73	2.86	0.24	23.95	3.85	2.97	0.19
21.40	3.73	2.86	0.24	24.00	3.85	2.97	0.20
21.45	3.74	2.86	0.24	24.05	3.85	2.97	0.21
21.50	3.74	2.87	0.23	24.10	3.85	2.97	0.15
21.55	3.74	2.87	0.23	24.15	3.85	2.97	0.08
21.60	3.74	2.87	0.23	24.20	3.85	2.97	0.03
21.65	3.75	2.87	0.23	24.25	3.85	2.97	0.02
21.70	3.75	2.88	0.23	24.30	3.85	2.97	0.01
21.75	3.75	2.88	0.23	24.35	3.85	2.97	0.00
21.80	3.75	2.88	0.23	24.40	3.85	2.97	0.00
21.85	3.76	2.88	0.23	24.45	3.85	2.97	0.00
21.90	3.76	2.88	0.23	24.50	3.85	2.97	0.00
21.95	3.76	2.89	0.23	24.55	3.85	2.97	0.00
22.00	3.76	2.89	0.23	24.60	3.85	2.97	0.00
22.05	3.77	2.89	0.22	24.65	3.85	2.97	0.00
22.10	3.77	2.89	0.22	24.70	3.85	2.97	0.00
22.15	3.77	2.90	0.22	24.75	3.85	2.97	0.00
22.20	3.77	2.90	0.22	24.80	3.85	2.97	0.00
22.25	3.77	2.90	0.22	24.85	3.85	2.97	0.00
22.30	3.78	2.90	0.22	24.90	3.85	2.97	0.00
22.35	3.78	2.90	0.22	24.95	3.85	2.97	0.00
22.40	3.78	2.91	0.22	25.00	3.85	2.97	0.00
22.45	3.78	2.91	0.22	25.05	3.85	2.97	0.00
22.50	3.79	2.91	0.22	25.10	3.85	2.97	0.00
22.55	3.79	2.91	0.22	25.15	3.85	2.97	0.00
22.60	3.79	2.92	0.21	25.20	3.85	2.97	0.00
22.65	3.79	2.92	0.21	25.25	3.85	2.97	0.00
22.70	3.79	2.92	0.21	25.30	3.85	2.97	0.00
22.75	3.80	2.92	0.21	25.35	3.85	2.97	0.00
22.80	3.80	2.92	0.21	25.40	3.85	2.97	0.00
22.85	3.80	2.93	0.21	25.45	3.85	2.97	0.00
22.90	3.80	2.93	0.21	25.50	3.85	2.97	0.00
22.95	3.81	2.93	0.21	25.55	3.85	2.97	0.00
23.00	3.81	2.93	0.21	25.60	3.85	2.97	0.00
23.05	3.81	2.93	0.21	25.65	3.85	2.97	0.00
23.10	3.81	2.94	0.21	25.70	3.85	2.97	0.00
23.15	3.81	2.94	0.20	25.75	3.85	2.97	0.00
23.20	3.82	2.94	0.20	25.80	3.85	2.97	0.00
23.25	3.82	2.94	0.20	25.85	3.85	2.97	0.00
23.30	3.82	2.94	0.20	25.90	3.85	2.97	0.00
23.35	3.82	2.95	0.20	25.95	3.85	2.97	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	2.97	0.00	28.60	3.85	2.97	0.00
26.05	3.85	2.97	0.00	28.65	3.85	2.97	0.00
26.10	3.85	2.97	0.00	28.70	3.85	2.97	0.00
26.15	3.85	2.97	0.00	28.75	3.85	2.97	0.00
26.20	3.85	2.97	0.00	28.80	3.85	2.97	0.00
26.25	3.85	2.97	0.00	28.85	3.85	2.97	0.00
26.30	3.85	2.97	0.00	28.90	3.85	2.97	0.00
26.35	3.85	2.97	0.00	28.95	3.85	2.97	0.00
26.40	3.85	2.97	0.00	29.00	3.85	2.97	0.00
26.45	3.85	2.97	0.00	29.05	3.85	2.97	0.00
26.50	3.85	2.97	0.00	29.10	3.85	2.97	0.00
26.55	3.85	2.97	0.00	29.15	3.85	2.97	0.00
26.60	3.85	2.97	0.00	29.20	3.85	2.97	0.00
26.65	3.85	2.97	0.00	29.25	3.85	2.97	0.00
26.70	3.85	2.97	0.00	29.30	3.85	2.97	0.00
26.75	3.85	2.97	0.00	29.35	3.85	2.97	0.00
26.80	3.85	2.97	0.00	29.40	3.85	2.97	0.00
26.85	3.85	2.97	0.00	29.45	3.85	2.97	0.00
26.90	3.85	2.97	0.00	29.50	3.85	2.97	0.00
26.95	3.85	2.97	0.00	29.55	3.85	2.97	0.00
27.00	3.85	2.97	0.00	29.60	3.85	2.97	0.00
27.05	3.85	2.97	0.00	29.65	3.85	2.97	0.00
27.10	3.85	2.97	0.00	29.70	3.85	2.97	0.00
27.15	3.85	2.97	0.00	29.75	3.85	2.97	0.00
27.20	3.85	2.97	0.00	29.80	3.85	2.97	0.00
27.25	3.85	2.97	0.00	29.85	3.85	2.97	0.00
27.30	3.85	2.97	0.00	29.90	3.85	2.97	0.00
27.35	3.85	2.97	0.00	29.95	3.85	2.97	0.00
27.40	3.85	2.97	0.00	30.00	3.85	2.97	0.00
27.45	3.85	2.97	0.00	30.05	3.85	2.97	0.00
27.50	3.85	2.97	0.00	30.10	3.85	2.97	0.00
27.55	3.85	2.97	0.00	30.15	3.85	2.97	0.00
27.60	3.85	2.97	0.00	30.20	3.85	2.97	0.00
27.65	3.85	2.97	0.00	30.25	3.85	2.97	0.00
27.70	3.85	2.97	0.00	30.30	3.85	2.97	0.00
27.75	3.85	2.97	0.00	30.35	3.85	2.97	0.00
27.80	3.85	2.97	0.00	30.40	3.85	2.97	0.00
27.85	3.85	2.97	0.00	30.45	3.85	2.97	0.00
27.90	3.85	2.97	0.00	30.50	3.85	2.97	0.00
27.95	3.85	2.97	0.00	30.55	3.85	2.97	0.00
28.00	3.85	2.97	0.00	30.60	3.85	2.97	0.00
28.05	3.85	2.97	0.00	30.65	3.85	2.97	0.00
28.10	3.85	2.97	0.00	30.70	3.85	2.97	0.00
28.15	3.85	2.97	0.00	30.75	3.85	2.97	0.00
28.20	3.85	2.97	0.00	30.80	3.85	2.97	0.00
28.25	3.85	2.97	0.00	30.85	3.85	2.97	0.00
28.30	3.85	2.97	0.00	30.90	3.85	2.97	0.00
28.35	3.85	2.97	0.00	30.95	3.85	2.97	0.00
28.40	3.85	2.97	0.00	31.00	3.85	2.97	0.00
28.45	3.85	2.97	0.00	31.05	3.85	2.97	0.00
28.50	3.85	2.97	0.00	31.10	3.85	2.97	0.00
28.55	3.85	2.97	0.00	31.15	3.85	2.97	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	2.97	0.00	33.80	3.85	2.97	0.00
31.25	3.85	2.97	0.00	33.85	3.85	2.97	0.00
31.30	3.85	2.97	0.00	33.90	3.85	2.97	0.00
31.35	3.85	2.97	0.00	33.95	3.85	2.97	0.00
31.40	3.85	2.97	0.00	34.00	3.85	2.97	0.00
31.45	3.85	2.97	0.00	34.05	3.85	2.97	0.00
31.50	3.85	2.97	0.00	34.10	3.85	2.97	0.00
31.55	3.85	2.97	0.00	34.15	3.85	2.97	0.00
31.60	3.85	2.97	0.00	34.20	3.85	2.97	0.00
31.65	3.85	2.97	0.00	34.25	3.85	2.97	0.00
31.70	3.85	2.97	0.00	34.30	3.85	2.97	0.00
31.75	3.85	2.97	0.00	34.35	3.85	2.97	0.00
31.80	3.85	2.97	0.00	34.40	3.85	2.97	0.00
31.85	3.85	2.97	0.00	34.45	3.85	2.97	0.00
31.90	3.85	2.97	0.00	34.50	3.85	2.97	0.00
31.95	3.85	2.97	0.00	34.55	3.85	2.97	0.00
32.00	3.85	2.97	0.00	34.60	3.85	2.97	0.00
32.05	3.85	2.97	0.00	34.65	3.85	2.97	0.00
32.10	3.85	2.97	0.00	34.70	3.85	2.97	0.00
32.15	3.85	2.97	0.00	34.75	3.85	2.97	0.00
32.20	3.85	2.97	0.00	34.80	3.85	2.97	0.00
32.25	3.85	2.97	0.00	34.85	3.85	2.97	0.00
32.30	3.85	2.97	0.00	34.90	3.85	2.97	0.00
32.35	3.85	2.97	0.00	34.95	3.85	2.97	0.00
32.40	3.85	2.97	0.00	35.00	3.85	2.97	0.00
32.45	3.85	2.97	0.00	35.05	3.85	2.97	0.00
32.50	3.85	2.97	0.00	35.10	3.85	2.97	0.00
32.55	3.85	2.97	0.00	35.15	3.85	2.97	0.00
32.60	3.85	2.97	0.00	35.20	3.85	2.97	0.00
32.65	3.85	2.97	0.00	35.25	3.85	2.97	0.00
32.70	3.85	2.97	0.00	35.30	3.85	2.97	0.00
32.75	3.85	2.97	0.00	35.35	3.85	2.97	0.00
32.80	3.85	2.97	0.00	35.40	3.85	2.97	0.00
32.85	3.85	2.97	0.00	35.45	3.85	2.97	0.00
32.90	3.85	2.97	0.00	35.50	3.85	2.97	0.00
32.95	3.85	2.97	0.00	35.55	3.85	2.97	0.00
33.00	3.85	2.97	0.00	35.60	3.85	2.97	0.00
33.05	3.85	2.97	0.00	35.65	3.85	2.97	0.00
33.10	3.85	2.97	0.00	35.70	3.85	2.97	0.00
33.15	3.85	2.97	0.00	35.75	3.85	2.97	0.00
33.20	3.85	2.97	0.00	35.80	3.85	2.97	0.00
33.25	3.85	2.97	0.00	35.85	3.85	2.97	0.00
33.30	3.85	2.97	0.00	35.90	3.85	2.97	0.00
33.35	3.85	2.97	0.00	35.95	3.85	2.97	0.00
33.40	3.85	2.97	0.00	36.00	3.85	2.97	0.00
33.45	3.85	2.97	0.00	36.05	3.85	2.97	0.00
33.50	3.85	2.97	0.00	36.10	3.85	2.97	0.00
33.55	3.85	2.97	0.00	36.15	3.85	2.97	0.00
33.60	3.85	2.97	0.00	36.20	3.85	2.97	0.00
33.65	3.85	2.97	0.00	36.25	3.85	2.97	0.00
33.70	3.85	2.97	0.00	36.30	3.85	2.97	0.00
33.75	3.85	2.97	0.00	36.35	3.85	2.97	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	2.97	0.00	39.00	3.85	2.97	0.00
36.45	3.85	2.97	0.00	39.05	3.85	2.97	0.00
36.50	3.85	2.97	0.00	39.10	3.85	2.97	0.00
36.55	3.85	2.97	0.00	39.15	3.85	2.97	0.00
36.60	3.85	2.97	0.00	39.20	3.85	2.97	0.00
36.65	3.85	2.97	0.00	39.25	3.85	2.97	0.00
36.70	3.85	2.97	0.00	39.30	3.85	2.97	0.00
36.75	3.85	2.97	0.00	39.35	3.85	2.97	0.00
36.80	3.85	2.97	0.00	39.40	3.85	2.97	0.00
36.85	3.85	2.97	0.00	39.45	3.85	2.97	0.00
36.90	3.85	2.97	0.00	39.50	3.85	2.97	0.00
36.95	3.85	2.97	0.00	39.55	3.85	2.97	0.00
37.00	3.85	2.97	0.00	39.60	3.85	2.97	0.00
37.05	3.85	2.97	0.00	39.65	3.85	2.97	0.00
37.10	3.85	2.97	0.00	39.70	3.85	2.97	0.00
37.15	3.85	2.97	0.00	39.75	3.85	2.97	0.00
37.20	3.85	2.97	0.00	39.80	3.85	2.97	0.00
37.25	3.85	2.97	0.00	39.85	3.85	2.97	0.00
37.30	3.85	2.97	0.00	39.90	3.85	2.97	0.00
37.35	3.85	2.97	0.00	39.95	3.85	2.97	0.00
37.40	3.85	2.97	0.00	40.00	3.85	2.97	0.00
37.45	3.85	2.97	0.00				
37.50	3.85	2.97	0.00				
37.55	3.85	2.97	0.00				
37.60	3.85	2.97	0.00				
37.65	3.85	2.97	0.00				
37.70	3.85	2.97	0.00				
37.75	3.85	2.97	0.00				
37.80	3.85	2.97	0.00				
37.85	3.85	2.97	0.00				
37.90	3.85	2.97	0.00				
37.95	3.85	2.97	0.00				
38.00	3.85	2.97	0.00				
38.05	3.85	2.97	0.00				
38.10	3.85	2.97	0.00				
38.15	3.85	2.97	0.00				
38.20	3.85	2.97	0.00				
38.25	3.85	2.97	0.00				
38.30	3.85	2.97	0.00				
38.35	3.85	2.97	0.00				
38.40	3.85	2.97	0.00				
38.45	3.85	2.97	0.00				
38.50	3.85	2.97	0.00				
38.55	3.85	2.97	0.00				
38.60	3.85	2.97	0.00				
38.65	3.85	2.97	0.00				
38.70	3.85	2.97	0.00				
38.75	3.85	2.97	0.00				
38.80	3.85	2.97	0.00				
38.85	3.85	2.97	0.00				
38.90	3.85	2.97	0.00				
38.95	3.85	2.97	0.00				

Summary for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Runoff = 28.36 cfs @ 12.17 hrs, Volume= 2.186 af, Depth= 1.05"
 Routed to Link PDA-1OF : PDA-1 (offsite)

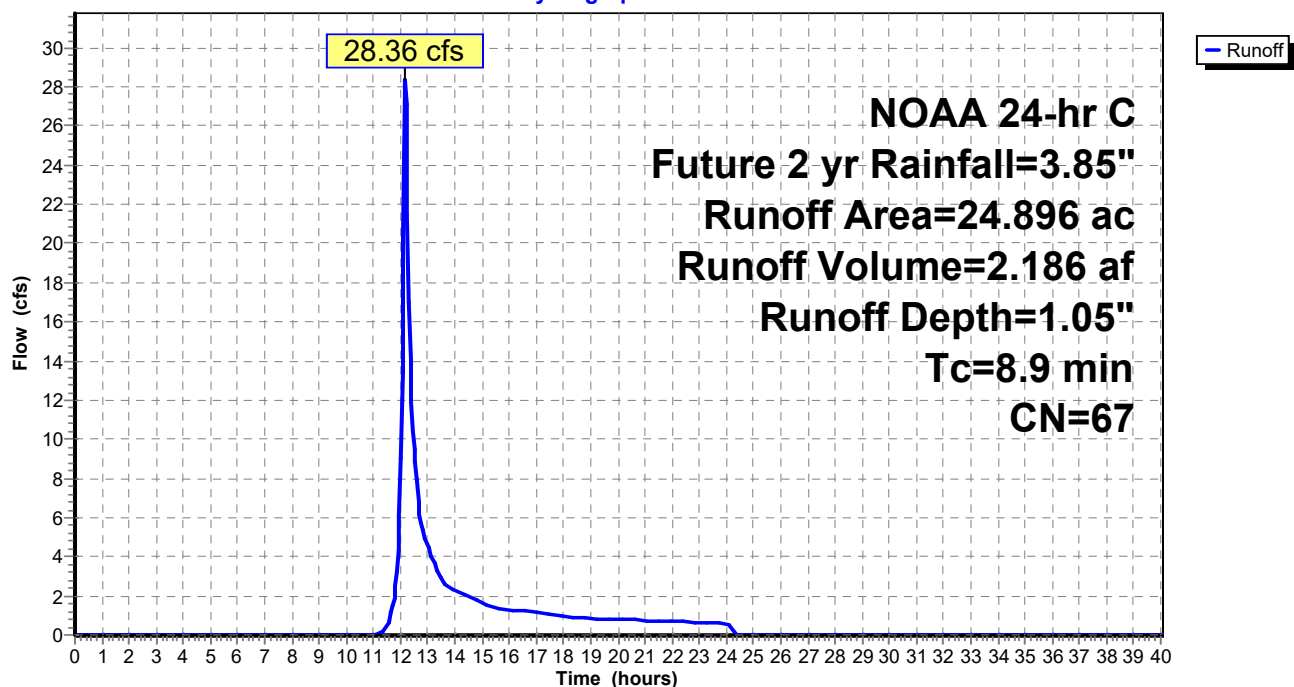
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
12.562	74	>75% Grass cover, Good, HSG C
8.540	55	Woods, Good, HSG B
3.700	70	Woods, Good, HSG C
0.094	77	Woods, Good, HSG D
24.896	67	Weighted Average
24.896		100.00% Pervious Area

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

Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

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

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

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

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.55	4.59
10.45	0.78	0.00	0.00	13.05	2.94	0.56	4.37
10.50	0.79	0.00	0.00	13.10	2.96	0.56	4.14
10.55	0.80	0.00	0.00	13.15	2.97	0.57	3.92
10.60	0.82	0.00	0.00	13.20	2.98	0.58	3.75
10.65	0.83	0.00	0.00	13.25	3.00	0.58	3.60
10.70	0.84	0.00	0.00	13.30	3.01	0.59	3.47
10.75	0.85	0.00	0.00	13.35	3.02	0.60	3.35
10.80	0.87	0.00	0.00	13.40	3.03	0.60	3.22
10.85	0.88	0.00	0.00	13.45	3.05	0.61	3.09
10.90	0.89	0.00	0.00	13.50	3.06	0.61	2.96
10.95	0.91	0.00	0.00	13.55	3.07	0.62	2.83
11.00	0.92	0.00	0.00	13.60	3.08	0.62	2.70
11.05	0.94	0.00	0.00	13.65	3.09	0.63	2.58
11.10	0.96	0.00	0.00	13.70	3.09	0.63	2.50
11.15	0.98	0.00	0.00	13.75	3.10	0.64	2.45
11.20	1.00	0.00	0.00	13.80	3.11	0.64	2.41
11.25	1.02	0.00	0.01	13.85	3.12	0.65	2.37
11.30	1.04	0.00	0.04	13.90	3.13	0.65	2.34
11.35	1.06	0.00	0.10	13.95	3.14	0.66	2.31
11.40	1.09	0.00	0.19	14.00	3.15	0.66	2.28
11.45	1.11	0.00	0.29	14.05	3.16	0.66	2.25
11.50	1.14	0.00	0.41	14.10	3.16	0.67	2.21
11.55	1.18	0.01	0.56	14.15	3.17	0.67	2.18
11.60	1.22	0.01	0.81	14.20	3.18	0.68	2.15
11.65	1.26	0.01	1.15	14.25	3.19	0.68	2.12
11.70	1.30	0.02	1.50	14.30	3.20	0.68	2.08
11.75	1.35	0.03	1.88	14.35	3.20	0.69	2.05
11.80	1.41	0.03	2.46	14.40	3.21	0.69	2.01
11.85	1.49	0.05	3.27	14.45	3.22	0.70	1.98
11.90	1.57	0.06	4.42	14.50	3.23	0.70	1.94
11.95	1.70	0.09	6.07	14.55	3.23	0.70	1.91
12.00	1.83	0.13	9.00	14.60	3.24	0.71	1.88
12.05	2.06	0.19	13.39	14.65	3.25	0.71	1.84
12.10	2.28	0.27	20.44	14.70	3.25	0.71	1.80
12.15	2.36	0.30	27.64	14.75	3.26	0.72	1.77
12.20	2.44	0.33	27.12	14.80	3.26	0.72	1.73
12.25	2.50	0.35	21.50	14.85	3.27	0.72	1.70
12.30	2.55	0.38	16.97	14.90	3.28	0.73	1.66
12.35	2.59	0.40	14.06	14.95	3.28	0.73	1.63
12.40	2.63	0.41	11.93	15.00	3.29	0.73	1.59
12.45	2.67	0.43	10.35	15.05	3.29	0.74	1.55
12.50	2.71	0.45	9.46	15.10	3.30	0.74	1.52
12.55	2.74	0.46	8.89	15.15	3.30	0.74	1.49
12.60	2.76	0.47	7.92	15.20	3.31	0.75	1.46
12.65	2.79	0.48	6.82	15.25	3.31	0.75	1.45
12.70	2.81	0.49	6.13	15.30	3.32	0.75	1.43
12.75	2.83	0.50	5.76	15.35	3.32	0.75	1.42
12.80	2.85	0.51	5.48	15.40	3.33	0.76	1.42
12.85	2.87	0.52	5.25	15.45	3.34	0.76	1.41
12.90	2.89	0.53	5.03	15.50	3.34	0.76	1.40
12.95	2.91	0.54	4.81	15.55	3.35	0.76	1.39

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	0.77	1.38	18.20	3.56	0.88	0.89
15.65	3.36	0.77	1.37	18.25	3.56	0.88	0.88
15.70	3.36	0.77	1.36	18.30	3.56	0.89	0.88
15.75	3.36	0.78	1.35	18.35	3.57	0.89	0.88
15.80	3.37	0.78	1.34	18.40	3.57	0.89	0.87
15.85	3.37	0.78	1.34	18.45	3.57	0.89	0.87
15.90	3.38	0.78	1.33	18.50	3.58	0.89	0.87
15.95	3.38	0.79	1.32	18.55	3.58	0.89	0.87
16.00	3.39	0.79	1.31	18.60	3.58	0.90	0.86
16.05	3.39	0.79	1.30	18.65	3.58	0.90	0.86
16.10	3.40	0.79	1.29	18.70	3.59	0.90	0.86
16.15	3.40	0.80	1.28	18.75	3.59	0.90	0.86
16.20	3.41	0.80	1.28	18.80	3.59	0.90	0.86
16.25	3.41	0.80	1.27	18.85	3.60	0.90	0.85
16.30	3.42	0.80	1.26	18.90	3.60	0.91	0.85
16.35	3.42	0.81	1.25	18.95	3.60	0.91	0.85
16.40	3.42	0.81	1.24	19.00	3.61	0.91	0.85
16.45	3.43	0.81	1.23	19.05	3.61	0.91	0.84
16.50	3.43	0.81	1.22	19.10	3.61	0.91	0.84
16.55	3.44	0.82	1.21	19.15	3.61	0.91	0.84
16.60	3.44	0.82	1.20	19.20	3.62	0.92	0.84
16.65	3.45	0.82	1.19	19.25	3.62	0.92	0.84
16.70	3.45	0.82	1.18	19.30	3.62	0.92	0.83
16.75	3.45	0.82	1.17	19.35	3.63	0.92	0.83
16.80	3.46	0.83	1.16	19.40	3.63	0.92	0.83
16.85	3.46	0.83	1.15	19.45	3.63	0.92	0.83
16.90	3.47	0.83	1.14	19.50	3.63	0.93	0.82
16.95	3.47	0.83	1.13	19.55	3.64	0.93	0.82
17.00	3.47	0.84	1.12	19.60	3.64	0.93	0.82
17.05	3.48	0.84	1.11	19.65	3.64	0.93	0.82
17.10	3.48	0.84	1.10	19.70	3.65	0.93	0.81
17.15	3.49	0.84	1.09	19.75	3.65	0.93	0.81
17.20	3.49	0.84	1.08	19.80	3.65	0.94	0.81
17.25	3.49	0.85	1.07	19.85	3.65	0.94	0.81
17.30	3.50	0.85	1.06	19.90	3.66	0.94	0.81
17.35	3.50	0.85	1.05	19.95	3.66	0.94	0.80
17.40	3.50	0.85	1.04	20.00	3.66	0.94	0.80
17.45	3.51	0.85	1.03	20.05	3.66	0.94	0.80
17.50	3.51	0.86	1.02	20.10	3.67	0.95	0.80
17.55	3.52	0.86	1.01	20.15	3.67	0.95	0.79
17.60	3.52	0.86	1.00	20.20	3.67	0.95	0.79
17.65	3.52	0.86	0.99	20.25	3.68	0.95	0.79
17.70	3.53	0.86	0.98	20.30	3.68	0.95	0.79
17.75	3.53	0.87	0.97	20.35	3.68	0.95	0.78
17.80	3.53	0.87	0.96	20.40	3.68	0.95	0.78
17.85	3.54	0.87	0.95	20.45	3.69	0.96	0.78
17.90	3.54	0.87	0.94	20.50	3.69	0.96	0.78
17.95	3.54	0.87	0.93	20.55	3.69	0.96	0.77
18.00	3.54	0.88	0.92	20.60	3.69	0.96	0.77
18.05	3.55	0.88	0.91	20.65	3.70	0.96	0.77
18.10	3.55	0.88	0.90	20.70	3.70	0.96	0.77
18.15	3.55	0.88	0.89	20.75	3.70	0.97	0.77

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	0.97	0.76	23.40	3.82	1.04	0.63
20.85	3.71	0.97	0.76	23.45	3.83	1.04	0.63
20.90	3.71	0.97	0.76	23.50	3.83	1.04	0.63
20.95	3.71	0.97	0.75	23.55	3.83	1.04	0.62
21.00	3.71	0.97	0.75	23.60	3.83	1.04	0.62
21.05	3.72	0.97	0.75	23.65	3.84	1.04	0.62
21.10	3.72	0.98	0.75	23.70	3.84	1.05	0.61
21.15	3.72	0.98	0.74	23.75	3.84	1.05	0.61
21.20	3.72	0.98	0.74	23.80	3.84	1.05	0.61
21.25	3.73	0.98	0.74	23.85	3.84	1.05	0.61
21.30	3.73	0.98	0.74	23.90	3.85	1.05	0.60
21.35	3.73	0.98	0.74	23.95	3.85	1.05	0.61
21.40	3.73	0.98	0.73	24.00	3.85	1.05	0.64
21.45	3.74	0.99	0.73	24.05	3.85	1.05	0.65
21.50	3.74	0.99	0.73	24.10	3.85	1.05	0.49
21.55	3.74	0.99	0.72	24.15	3.85	1.05	0.25
21.60	3.74	0.99	0.72	24.20	3.85	1.05	0.11
21.65	3.75	0.99	0.72	24.25	3.85	1.05	0.05
21.70	3.75	0.99	0.72	24.30	3.85	1.05	0.02
21.75	3.75	0.99	0.71	24.35	3.85	1.05	0.01
21.80	3.75	1.00	0.71	24.40	3.85	1.05	0.00
21.85	3.76	1.00	0.71	24.45	3.85	1.05	0.00
21.90	3.76	1.00	0.71	24.50	3.85	1.05	0.00
21.95	3.76	1.00	0.71	24.55	3.85	1.05	0.00
22.00	3.76	1.00	0.70	24.60	3.85	1.05	0.00
22.05	3.77	1.00	0.70	24.65	3.85	1.05	0.00
22.10	3.77	1.00	0.70	24.70	3.85	1.05	0.00
22.15	3.77	1.01	0.69	24.75	3.85	1.05	0.00
22.20	3.77	1.01	0.69	24.80	3.85	1.05	0.00
22.25	3.77	1.01	0.69	24.85	3.85	1.05	0.00
22.30	3.78	1.01	0.69	24.90	3.85	1.05	0.00
22.35	3.78	1.01	0.68	24.95	3.85	1.05	0.00
22.40	3.78	1.01	0.68	25.00	3.85	1.05	0.00
22.45	3.78	1.01	0.68	25.05	3.85	1.05	0.00
22.50	3.79	1.02	0.68	25.10	3.85	1.05	0.00
22.55	3.79	1.02	0.67	25.15	3.85	1.05	0.00
22.60	3.79	1.02	0.67	25.20	3.85	1.05	0.00
22.65	3.79	1.02	0.67	25.25	3.85	1.05	0.00
22.70	3.79	1.02	0.67	25.30	3.85	1.05	0.00
22.75	3.80	1.02	0.66	25.35	3.85	1.05	0.00
22.80	3.80	1.02	0.66	25.40	3.85	1.05	0.00
22.85	3.80	1.02	0.66	25.45	3.85	1.05	0.00
22.90	3.80	1.03	0.65	25.50	3.85	1.05	0.00
22.95	3.81	1.03	0.65	25.55	3.85	1.05	0.00
23.00	3.81	1.03	0.65	25.60	3.85	1.05	0.00
23.05	3.81	1.03	0.65	25.65	3.85	1.05	0.00
23.10	3.81	1.03	0.65	25.70	3.85	1.05	0.00
23.15	3.81	1.03	0.64	25.75	3.85	1.05	0.00
23.20	3.82	1.03	0.64	25.80	3.85	1.05	0.00
23.25	3.82	1.03	0.64	25.85	3.85	1.05	0.00
23.30	3.82	1.04	0.63	25.90	3.85	1.05	0.00
23.35	3.82	1.04	0.63	25.95	3.85	1.05	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.05	0.00	28.60	3.85	1.05	0.00
26.05	3.85	1.05	0.00	28.65	3.85	1.05	0.00
26.10	3.85	1.05	0.00	28.70	3.85	1.05	0.00
26.15	3.85	1.05	0.00	28.75	3.85	1.05	0.00
26.20	3.85	1.05	0.00	28.80	3.85	1.05	0.00
26.25	3.85	1.05	0.00	28.85	3.85	1.05	0.00
26.30	3.85	1.05	0.00	28.90	3.85	1.05	0.00
26.35	3.85	1.05	0.00	28.95	3.85	1.05	0.00
26.40	3.85	1.05	0.00	29.00	3.85	1.05	0.00
26.45	3.85	1.05	0.00	29.05	3.85	1.05	0.00
26.50	3.85	1.05	0.00	29.10	3.85	1.05	0.00
26.55	3.85	1.05	0.00	29.15	3.85	1.05	0.00
26.60	3.85	1.05	0.00	29.20	3.85	1.05	0.00
26.65	3.85	1.05	0.00	29.25	3.85	1.05	0.00
26.70	3.85	1.05	0.00	29.30	3.85	1.05	0.00
26.75	3.85	1.05	0.00	29.35	3.85	1.05	0.00
26.80	3.85	1.05	0.00	29.40	3.85	1.05	0.00
26.85	3.85	1.05	0.00	29.45	3.85	1.05	0.00
26.90	3.85	1.05	0.00	29.50	3.85	1.05	0.00
26.95	3.85	1.05	0.00	29.55	3.85	1.05	0.00
27.00	3.85	1.05	0.00	29.60	3.85	1.05	0.00
27.05	3.85	1.05	0.00	29.65	3.85	1.05	0.00
27.10	3.85	1.05	0.00	29.70	3.85	1.05	0.00
27.15	3.85	1.05	0.00	29.75	3.85	1.05	0.00
27.20	3.85	1.05	0.00	29.80	3.85	1.05	0.00
27.25	3.85	1.05	0.00	29.85	3.85	1.05	0.00
27.30	3.85	1.05	0.00	29.90	3.85	1.05	0.00
27.35	3.85	1.05	0.00	29.95	3.85	1.05	0.00
27.40	3.85	1.05	0.00	30.00	3.85	1.05	0.00
27.45	3.85	1.05	0.00	30.05	3.85	1.05	0.00
27.50	3.85	1.05	0.00	30.10	3.85	1.05	0.00
27.55	3.85	1.05	0.00	30.15	3.85	1.05	0.00
27.60	3.85	1.05	0.00	30.20	3.85	1.05	0.00
27.65	3.85	1.05	0.00	30.25	3.85	1.05	0.00
27.70	3.85	1.05	0.00	30.30	3.85	1.05	0.00
27.75	3.85	1.05	0.00	30.35	3.85	1.05	0.00
27.80	3.85	1.05	0.00	30.40	3.85	1.05	0.00
27.85	3.85	1.05	0.00	30.45	3.85	1.05	0.00
27.90	3.85	1.05	0.00	30.50	3.85	1.05	0.00
27.95	3.85	1.05	0.00	30.55	3.85	1.05	0.00
28.00	3.85	1.05	0.00	30.60	3.85	1.05	0.00
28.05	3.85	1.05	0.00	30.65	3.85	1.05	0.00
28.10	3.85	1.05	0.00	30.70	3.85	1.05	0.00
28.15	3.85	1.05	0.00	30.75	3.85	1.05	0.00
28.20	3.85	1.05	0.00	30.80	3.85	1.05	0.00
28.25	3.85	1.05	0.00	30.85	3.85	1.05	0.00
28.30	3.85	1.05	0.00	30.90	3.85	1.05	0.00
28.35	3.85	1.05	0.00	30.95	3.85	1.05	0.00
28.40	3.85	1.05	0.00	31.00	3.85	1.05	0.00
28.45	3.85	1.05	0.00	31.05	3.85	1.05	0.00
28.50	3.85	1.05	0.00	31.10	3.85	1.05	0.00
28.55	3.85	1.05	0.00	31.15	3.85	1.05	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.05	0.00	33.80	3.85	1.05	0.00
31.25	3.85	1.05	0.00	33.85	3.85	1.05	0.00
31.30	3.85	1.05	0.00	33.90	3.85	1.05	0.00
31.35	3.85	1.05	0.00	33.95	3.85	1.05	0.00
31.40	3.85	1.05	0.00	34.00	3.85	1.05	0.00
31.45	3.85	1.05	0.00	34.05	3.85	1.05	0.00
31.50	3.85	1.05	0.00	34.10	3.85	1.05	0.00
31.55	3.85	1.05	0.00	34.15	3.85	1.05	0.00
31.60	3.85	1.05	0.00	34.20	3.85	1.05	0.00
31.65	3.85	1.05	0.00	34.25	3.85	1.05	0.00
31.70	3.85	1.05	0.00	34.30	3.85	1.05	0.00
31.75	3.85	1.05	0.00	34.35	3.85	1.05	0.00
31.80	3.85	1.05	0.00	34.40	3.85	1.05	0.00
31.85	3.85	1.05	0.00	34.45	3.85	1.05	0.00
31.90	3.85	1.05	0.00	34.50	3.85	1.05	0.00
31.95	3.85	1.05	0.00	34.55	3.85	1.05	0.00
32.00	3.85	1.05	0.00	34.60	3.85	1.05	0.00
32.05	3.85	1.05	0.00	34.65	3.85	1.05	0.00
32.10	3.85	1.05	0.00	34.70	3.85	1.05	0.00
32.15	3.85	1.05	0.00	34.75	3.85	1.05	0.00
32.20	3.85	1.05	0.00	34.80	3.85	1.05	0.00
32.25	3.85	1.05	0.00	34.85	3.85	1.05	0.00
32.30	3.85	1.05	0.00	34.90	3.85	1.05	0.00
32.35	3.85	1.05	0.00	34.95	3.85	1.05	0.00
32.40	3.85	1.05	0.00	35.00	3.85	1.05	0.00
32.45	3.85	1.05	0.00	35.05	3.85	1.05	0.00
32.50	3.85	1.05	0.00	35.10	3.85	1.05	0.00
32.55	3.85	1.05	0.00	35.15	3.85	1.05	0.00
32.60	3.85	1.05	0.00	35.20	3.85	1.05	0.00
32.65	3.85	1.05	0.00	35.25	3.85	1.05	0.00
32.70	3.85	1.05	0.00	35.30	3.85	1.05	0.00
32.75	3.85	1.05	0.00	35.35	3.85	1.05	0.00
32.80	3.85	1.05	0.00	35.40	3.85	1.05	0.00
32.85	3.85	1.05	0.00	35.45	3.85	1.05	0.00
32.90	3.85	1.05	0.00	35.50	3.85	1.05	0.00
32.95	3.85	1.05	0.00	35.55	3.85	1.05	0.00
33.00	3.85	1.05	0.00	35.60	3.85	1.05	0.00
33.05	3.85	1.05	0.00	35.65	3.85	1.05	0.00
33.10	3.85	1.05	0.00	35.70	3.85	1.05	0.00
33.15	3.85	1.05	0.00	35.75	3.85	1.05	0.00
33.20	3.85	1.05	0.00	35.80	3.85	1.05	0.00
33.25	3.85	1.05	0.00	35.85	3.85	1.05	0.00
33.30	3.85	1.05	0.00	35.90	3.85	1.05	0.00
33.35	3.85	1.05	0.00	35.95	3.85	1.05	0.00
33.40	3.85	1.05	0.00	36.00	3.85	1.05	0.00
33.45	3.85	1.05	0.00	36.05	3.85	1.05	0.00
33.50	3.85	1.05	0.00	36.10	3.85	1.05	0.00
33.55	3.85	1.05	0.00	36.15	3.85	1.05	0.00
33.60	3.85	1.05	0.00	36.20	3.85	1.05	0.00
33.65	3.85	1.05	0.00	36.25	3.85	1.05	0.00
33.70	3.85	1.05	0.00	36.30	3.85	1.05	0.00
33.75	3.85	1.05	0.00	36.35	3.85	1.05	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.05	0.00	39.00	3.85	1.05	0.00
36.45	3.85	1.05	0.00	39.05	3.85	1.05	0.00
36.50	3.85	1.05	0.00	39.10	3.85	1.05	0.00
36.55	3.85	1.05	0.00	39.15	3.85	1.05	0.00
36.60	3.85	1.05	0.00	39.20	3.85	1.05	0.00
36.65	3.85	1.05	0.00	39.25	3.85	1.05	0.00
36.70	3.85	1.05	0.00	39.30	3.85	1.05	0.00
36.75	3.85	1.05	0.00	39.35	3.85	1.05	0.00
36.80	3.85	1.05	0.00	39.40	3.85	1.05	0.00
36.85	3.85	1.05	0.00	39.45	3.85	1.05	0.00
36.90	3.85	1.05	0.00	39.50	3.85	1.05	0.00
36.95	3.85	1.05	0.00	39.55	3.85	1.05	0.00
37.00	3.85	1.05	0.00	39.60	3.85	1.05	0.00
37.05	3.85	1.05	0.00	39.65	3.85	1.05	0.00
37.10	3.85	1.05	0.00	39.70	3.85	1.05	0.00
37.15	3.85	1.05	0.00	39.75	3.85	1.05	0.00
37.20	3.85	1.05	0.00	39.80	3.85	1.05	0.00
37.25	3.85	1.05	0.00	39.85	3.85	1.05	0.00
37.30	3.85	1.05	0.00	39.90	3.85	1.05	0.00
37.35	3.85	1.05	0.00	39.95	3.85	1.05	0.00
37.40	3.85	1.05	0.00	40.00	3.85	1.05	0.00
37.45	3.85	1.05	0.00				
37.50	3.85	1.05	0.00				
37.55	3.85	1.05	0.00				
37.60	3.85	1.05	0.00				
37.65	3.85	1.05	0.00				
37.70	3.85	1.05	0.00				
37.75	3.85	1.05	0.00				
37.80	3.85	1.05	0.00				
37.85	3.85	1.05	0.00				
37.90	3.85	1.05	0.00				
37.95	3.85	1.05	0.00				
38.00	3.85	1.05	0.00				
38.05	3.85	1.05	0.00				
38.10	3.85	1.05	0.00				
38.15	3.85	1.05	0.00				
38.20	3.85	1.05	0.00				
38.25	3.85	1.05	0.00				
38.30	3.85	1.05	0.00				
38.35	3.85	1.05	0.00				
38.40	3.85	1.05	0.00				
38.45	3.85	1.05	0.00				
38.50	3.85	1.05	0.00				
38.55	3.85	1.05	0.00				
38.60	3.85	1.05	0.00				
38.65	3.85	1.05	0.00				
38.70	3.85	1.05	0.00				
38.75	3.85	1.05	0.00				
38.80	3.85	1.05	0.00				
38.85	3.85	1.05	0.00				
38.90	3.85	1.05	0.00				
38.95	3.85	1.05	0.00				

Summary for Subcatchment UPDA-1: PDA-1 (undetained)

Runoff = 27.39 cfs @ 12.37 hrs, Volume= 3.082 af, Depth= 1.49"
 Routed to Link PDA-1ON : PDA-1 (onsite)

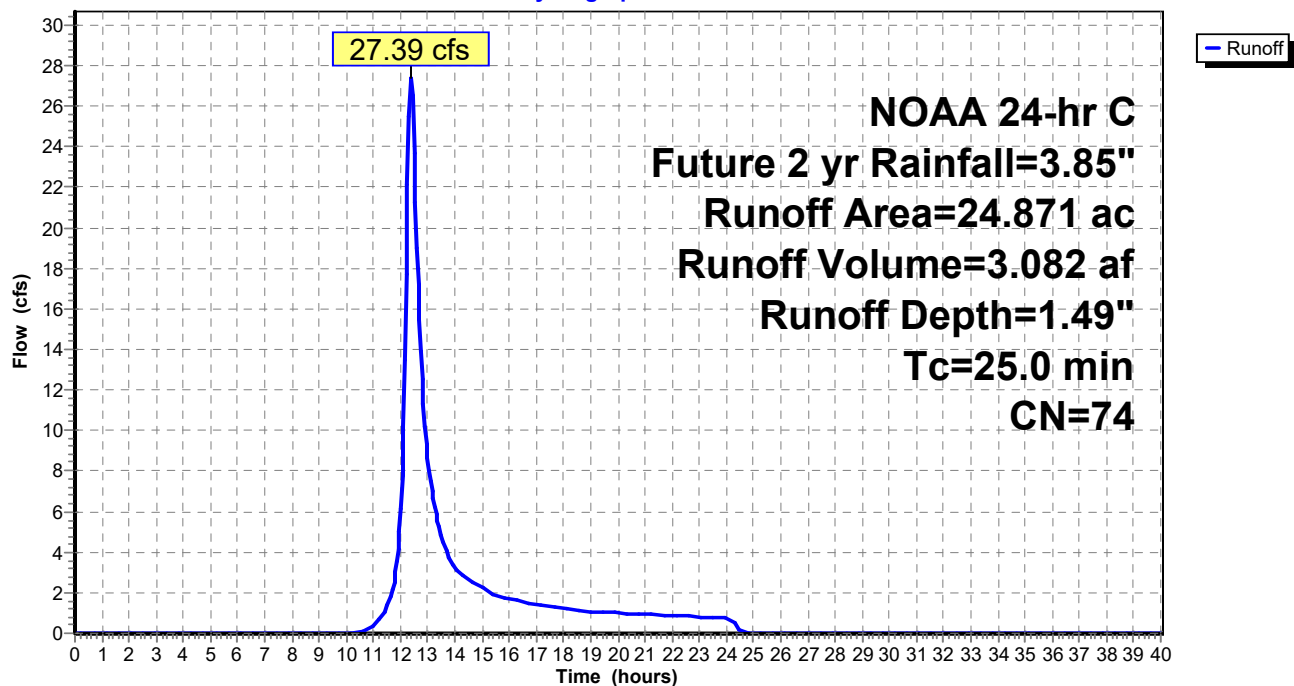
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
24.871	74	>75% Grass cover, Good, HSG C
24.871		100.00% Pervious Area

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

Subcatchment UPDA-1: PDA-1 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.01
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.01
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.02

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.03	13.00	2.93	0.86	8.63
10.45	0.78	0.00	0.05	13.05	2.94	0.87	8.03
10.50	0.79	0.00	0.07	13.10	2.96	0.88	7.51
10.55	0.80	0.00	0.09	13.15	2.97	0.89	7.04
10.60	0.82	0.00	0.11	13.20	2.98	0.90	6.61
10.65	0.83	0.00	0.13	13.25	3.00	0.91	6.22
10.70	0.84	0.01	0.16	13.30	3.01	0.92	5.87
10.75	0.85	0.01	0.19	13.35	3.02	0.92	5.55
10.80	0.87	0.01	0.22	13.40	3.03	0.93	5.26
10.85	0.88	0.01	0.26	13.45	3.05	0.94	4.99
10.90	0.89	0.01	0.30	13.50	3.06	0.94	4.76
10.95	0.91	0.01	0.34	13.55	3.07	0.95	4.55
11.00	0.92	0.01	0.39	13.60	3.08	0.96	4.35
11.05	0.94	0.02	0.45	13.65	3.09	0.96	4.16
11.10	0.96	0.02	0.51	13.70	3.09	0.97	3.98
11.15	0.98	0.02	0.58	13.75	3.10	0.97	3.81
11.20	1.00	0.02	0.65	13.80	3.11	0.98	3.65
11.25	1.02	0.03	0.74	13.85	3.12	0.99	3.51
11.30	1.04	0.03	0.83	13.90	3.13	0.99	3.39
11.35	1.06	0.03	0.94	13.95	3.14	1.00	3.29
11.40	1.09	0.04	1.06	14.00	3.15	1.00	3.21
11.45	1.11	0.04	1.19	14.05	3.16	1.01	3.13
11.50	1.14	0.05	1.33	14.10	3.16	1.01	3.07
11.55	1.18	0.06	1.49	14.15	3.17	1.02	3.01
11.60	1.22	0.07	1.67	14.20	3.18	1.02	2.95
11.65	1.26	0.08	1.89	14.25	3.19	1.03	2.90
11.70	1.30	0.09	2.18	14.30	3.20	1.03	2.85
11.75	1.35	0.10	2.55	14.35	3.20	1.04	2.80
11.80	1.41	0.12	2.99	14.40	3.21	1.04	2.75
11.85	1.49	0.14	3.52	14.45	3.22	1.05	2.71
11.90	1.57	0.17	4.18	14.50	3.23	1.05	2.66
11.95	1.70	0.22	5.03	14.55	3.23	1.06	2.62
12.00	1.83	0.28	6.18	14.60	3.24	1.06	2.57
12.05	2.06	0.38	7.78	14.65	3.25	1.07	2.53
12.10	2.28	0.49	10.16	14.70	3.25	1.07	2.48
12.15	2.36	0.53	13.52	14.75	3.26	1.08	2.44
12.20	2.44	0.57	17.72	14.80	3.26	1.08	2.39
12.25	2.50	0.61	22.08	14.85	3.27	1.08	2.35
12.30	2.55	0.64	25.51	14.90	3.28	1.09	2.30
12.35	2.59	0.66	27.20	14.95	3.28	1.09	2.26
12.40	2.63	0.69	27.15	15.00	3.29	1.10	2.21
12.45	2.67	0.71	25.85	15.05	3.29	1.10	2.17
12.50	2.71	0.73	23.70	15.10	3.30	1.10	2.12
12.55	2.74	0.75	21.27	15.15	3.30	1.11	2.08
12.60	2.76	0.76	19.05	15.20	3.31	1.11	2.03
12.65	2.79	0.78	17.17	15.25	3.31	1.11	1.99
12.70	2.81	0.79	15.47	15.30	3.32	1.12	1.95
12.75	2.83	0.80	13.90	15.35	3.32	1.12	1.91
12.80	2.85	0.82	12.50	15.40	3.33	1.12	1.88
12.85	2.87	0.83	11.28	15.45	3.34	1.13	1.85
12.90	2.89	0.84	10.24	15.50	3.34	1.13	1.83
12.95	2.91	0.85	9.36	15.55	3.35	1.13	1.81

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	1.79	18.20	3.56	1.28	1.14
15.65	3.36	1.14	1.77	18.25	3.56	1.28	1.13
15.70	3.36	1.14	1.76	18.30	3.56	1.28	1.12
15.75	3.36	1.15	1.75	18.35	3.57	1.29	1.11
15.80	3.37	1.15	1.73	18.40	3.57	1.29	1.10
15.85	3.37	1.15	1.72	18.45	3.57	1.29	1.09
15.90	3.38	1.16	1.71	18.50	3.58	1.29	1.09
15.95	3.38	1.16	1.69	18.55	3.58	1.29	1.08
16.00	3.39	1.16	1.68	18.60	3.58	1.30	1.08
16.05	3.39	1.17	1.67	18.65	3.58	1.30	1.07
16.10	3.40	1.17	1.66	18.70	3.59	1.30	1.07
16.15	3.40	1.17	1.65	18.75	3.59	1.30	1.06
16.20	3.41	1.18	1.63	18.80	3.59	1.30	1.06
16.25	3.41	1.18	1.62	18.85	3.60	1.31	1.06
16.30	3.42	1.18	1.61	18.90	3.60	1.31	1.05
16.35	3.42	1.19	1.60	18.95	3.60	1.31	1.05
16.40	3.42	1.19	1.59	19.00	3.61	1.31	1.05
16.45	3.43	1.19	1.57	19.05	3.61	1.32	1.04
16.50	3.43	1.19	1.56	19.10	3.61	1.32	1.04
16.55	3.44	1.20	1.55	19.15	3.61	1.32	1.04
16.60	3.44	1.20	1.54	19.20	3.62	1.32	1.04
16.65	3.45	1.20	1.53	19.25	3.62	1.32	1.03
16.70	3.45	1.21	1.51	19.30	3.62	1.33	1.03
16.75	3.45	1.21	1.50	19.35	3.63	1.33	1.03
16.80	3.46	1.21	1.49	19.40	3.63	1.33	1.02
16.85	3.46	1.21	1.48	19.45	3.63	1.33	1.02
16.90	3.47	1.22	1.47	19.50	3.63	1.33	1.02
16.95	3.47	1.22	1.45	19.55	3.64	1.34	1.01
17.00	3.47	1.22	1.44	19.60	3.64	1.34	1.01
17.05	3.48	1.22	1.43	19.65	3.64	1.34	1.01
17.10	3.48	1.23	1.42	19.70	3.65	1.34	1.01
17.15	3.49	1.23	1.40	19.75	3.65	1.34	1.00
17.20	3.49	1.23	1.39	19.80	3.65	1.34	1.00
17.25	3.49	1.24	1.38	19.85	3.65	1.35	1.00
17.30	3.50	1.24	1.37	19.90	3.66	1.35	0.99
17.35	3.50	1.24	1.36	19.95	3.66	1.35	0.99
17.40	3.50	1.24	1.34	20.00	3.66	1.35	0.99
17.45	3.51	1.25	1.33	20.05	3.66	1.35	0.99
17.50	3.51	1.25	1.32	20.10	3.67	1.36	0.98
17.55	3.52	1.25	1.30	20.15	3.67	1.36	0.98
17.60	3.52	1.25	1.29	20.20	3.67	1.36	0.98
17.65	3.52	1.26	1.28	20.25	3.68	1.36	0.97
17.70	3.53	1.26	1.27	20.30	3.68	1.36	0.97
17.75	3.53	1.26	1.25	20.35	3.68	1.37	0.97
17.80	3.53	1.26	1.24	20.40	3.68	1.37	0.96
17.85	3.54	1.26	1.23	20.45	3.69	1.37	0.96
17.90	3.54	1.27	1.22	20.50	3.69	1.37	0.96
17.95	3.54	1.27	1.20	20.55	3.69	1.37	0.95
18.00	3.54	1.27	1.19	20.60	3.69	1.38	0.95
18.05	3.55	1.27	1.18	20.65	3.70	1.38	0.95
18.10	3.55	1.28	1.17	20.70	3.70	1.38	0.95
18.15	3.55	1.28	1.15	20.75	3.70	1.38	0.94

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.94	23.40	3.82	1.47	0.77
20.85	3.71	1.38	0.94	23.45	3.83	1.47	0.77
20.90	3.71	1.39	0.93	23.50	3.83	1.47	0.77
20.95	3.71	1.39	0.93	23.55	3.83	1.47	0.76
21.00	3.71	1.39	0.93	23.60	3.83	1.47	0.76
21.05	3.72	1.39	0.92	23.65	3.84	1.48	0.76
21.10	3.72	1.39	0.92	23.70	3.84	1.48	0.75
21.15	3.72	1.40	0.92	23.75	3.84	1.48	0.75
21.20	3.72	1.40	0.91	23.80	3.84	1.48	0.75
21.25	3.73	1.40	0.91	23.85	3.84	1.48	0.74
21.30	3.73	1.40	0.91	23.90	3.85	1.48	0.74
21.35	3.73	1.40	0.90	23.95	3.85	1.49	0.74
21.40	3.73	1.40	0.90	24.00	3.85	1.49	0.74
21.45	3.74	1.41	0.90	24.05	3.85	1.49	0.74
21.50	3.74	1.41	0.90	24.10	3.85	1.49	0.74
21.55	3.74	1.41	0.89	24.15	3.85	1.49	0.73
21.60	3.74	1.41	0.89	24.20	3.85	1.49	0.68
21.65	3.75	1.41	0.89	24.25	3.85	1.49	0.60
21.70	3.75	1.41	0.88	24.30	3.85	1.49	0.51
21.75	3.75	1.42	0.88	24.35	3.85	1.49	0.40
21.80	3.75	1.42	0.88	24.40	3.85	1.49	0.31
21.85	3.76	1.42	0.87	24.45	3.85	1.49	0.23
21.90	3.76	1.42	0.87	24.50	3.85	1.49	0.17
21.95	3.76	1.42	0.87	24.55	3.85	1.49	0.13
22.00	3.76	1.42	0.86	24.60	3.85	1.49	0.09
22.05	3.77	1.43	0.86	24.65	3.85	1.49	0.07
22.10	3.77	1.43	0.86	24.70	3.85	1.49	0.05
22.15	3.77	1.43	0.85	24.75	3.85	1.49	0.04
22.20	3.77	1.43	0.85	24.80	3.85	1.49	0.03
22.25	3.77	1.43	0.85	24.85	3.85	1.49	0.02
22.30	3.78	1.43	0.84	24.90	3.85	1.49	0.02
22.35	3.78	1.44	0.84	24.95	3.85	1.49	0.01
22.40	3.78	1.44	0.84	25.00	3.85	1.49	0.01
22.45	3.78	1.44	0.84	25.05	3.85	1.49	0.01
22.50	3.79	1.44	0.83	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.83	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.83	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.82	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.82	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.82	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.81	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.81	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.81	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.80	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.80	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.80	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.79	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.79	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.79	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.78	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.78	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.78	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Summary for Pond B-1: Basin #1

Inflow Area = 2.782 ac, 26.02% Impervious, Inflow Depth > 1.64" for Future 2 yr event
 Inflow = 1.53 cfs @ 12.18 hrs, Volume= 0.379 af
 Outflow = 0.13 cfs @ 24.27 hrs, Volume= 0.261 af, Atten= 92%, Lag= 725.1 min
 Primary = 0.13 cfs @ 24.27 hrs, Volume= 0.261 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 209.71' @ 24.27 hrs Surf.Area= 10,857 sf Storage= 7,458 cf

Plug-Flow detention time= 649.8 min calculated for 0.261 af (69% of inflow)
 Center-of-Mass det. time= 389.9 min (1,585.3 - 1,195.4)

Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	34,903 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

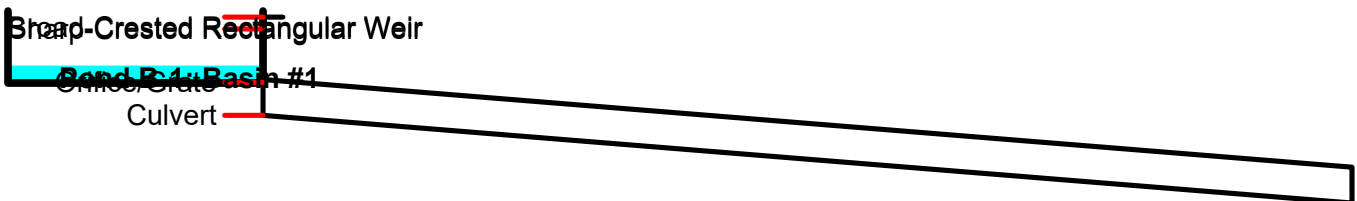
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	10,187	0	0
210.00	11,133	10,660	10,660
211.00	12,113	11,623	22,283
212.00	13,126	12,620	34,903

Device	Routing	Invert	Outlet Devices
#1	Primary	207.65'	18.0" Round Culvert L= 276.0' Ke= 0.500 Inlet / Outlet Invert= 207.65' / 204.00' S= 0.0132 ' /' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	209.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	211.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.75'	50.0' long + 3.0 ' /' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.13 cfs @ 24.27 hrs HW=209.71' (Free Discharge)

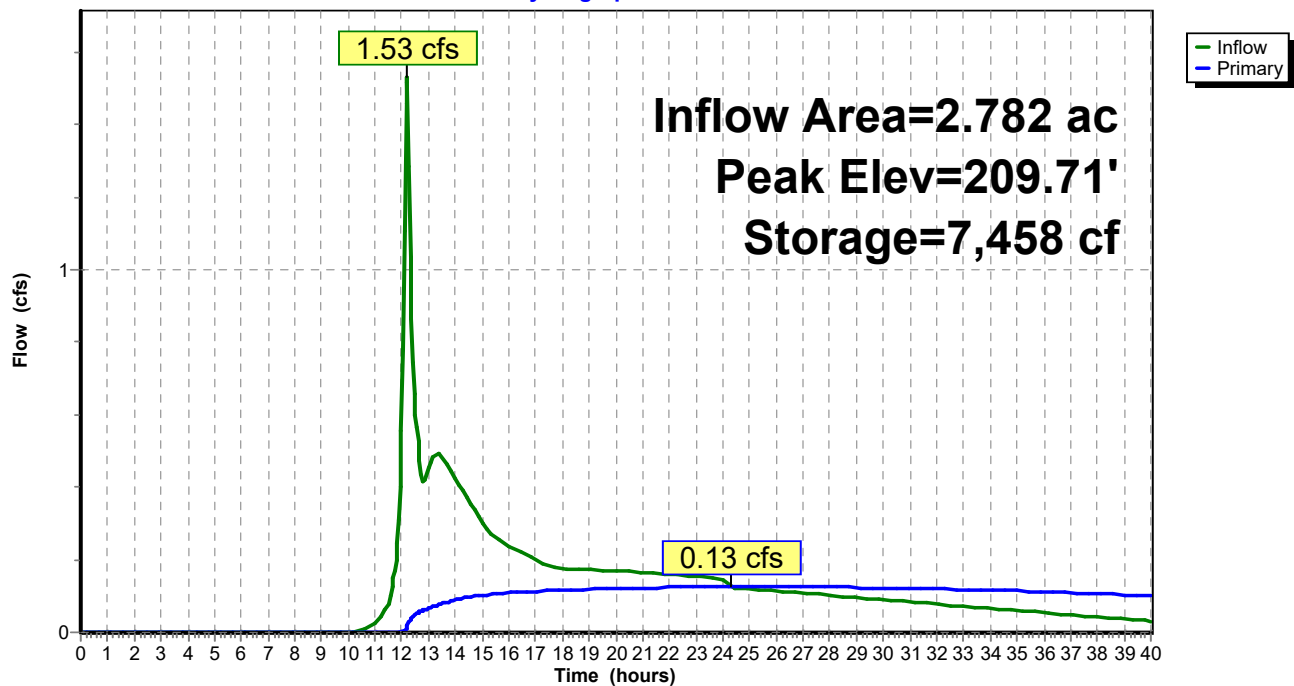
1=Culvert (Passes 0.13 cfs of 9.73 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.68 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Broad-Crested Rectangular Weir
 Culvert



Pond B-1: Basin #1

Hydrograph



Hydrograph for Pond B-1: Basin #1

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	0	209.00	0.00
1.00	0.00	0	209.00	0.00
1.10	0.00	0	209.00	0.00
1.20	0.00	0	209.00	0.00
1.30	0.00	0	209.00	0.00
1.40	0.00	0	209.00	0.00
1.50	0.00	0	209.00	0.00
1.60	0.00	0	209.00	0.00
1.70	0.00	0	209.00	0.00
1.80	0.00	0	209.00	0.00
1.90	0.00	0	209.00	0.00
2.00	0.00	0	209.00	0.00
2.10	0.00	0	209.00	0.00
2.20	0.00	0	209.00	0.00
2.30	0.00	0	209.00	0.00
2.40	0.00	0	209.00	0.00
2.50	0.00	0	209.00	0.00
2.60	0.00	0	209.00	0.00
2.70	0.00	0	209.00	0.00
2.80	0.00	0	209.00	0.00
2.90	0.00	0	209.00	0.00
3.00	0.00	0	209.00	0.00
3.10	0.00	0	209.00	0.00
3.20	0.00	0	209.00	0.00
3.30	0.00	0	209.00	0.00
3.40	0.00	0	209.00	0.00
3.50	0.00	0	209.00	0.00
3.60	0.00	0	209.00	0.00
3.70	0.00	0	209.00	0.00
3.80	0.00	0	209.00	0.00
3.90	0.00	0	209.00	0.00
4.00	0.00	0	209.00	0.00
4.10	0.00	0	209.00	0.00
4.20	0.00	0	209.00	0.00
4.30	0.00	0	209.00	0.00
4.40	0.00	0	209.00	0.00
4.50	0.00	0	209.00	0.00
4.60	0.00	0	209.00	0.00
4.70	0.00	0	209.00	0.00
4.80	0.00	0	209.00	0.00
4.90	0.00	0	209.00	0.00
5.00	0.00	0	209.00	0.00
5.10	0.00	0	209.00	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	209.00	0.00
5.30	0.00	0	209.00	0.00
5.40	0.00	0	209.00	0.00
5.50	0.00	0	209.00	0.00
5.60	0.00	0	209.00	0.00
5.70	0.00	0	209.00	0.00
5.80	0.00	0	209.00	0.00
5.90	0.00	0	209.00	0.00
6.00	0.00	0	209.00	0.00
6.10	0.00	0	209.00	0.00
6.20	0.00	0	209.00	0.00
6.30	0.00	0	209.00	0.00
6.40	0.00	0	209.00	0.00
6.50	0.00	0	209.00	0.00
6.60	0.00	0	209.00	0.00
6.70	0.00	0	209.00	0.00
6.80	0.00	0	209.00	0.00
6.90	0.00	0	209.00	0.00
7.00	0.00	0	209.00	0.00
7.10	0.00	0	209.00	0.00
7.20	0.00	0	209.00	0.00
7.30	0.00	0	209.00	0.00
7.40	0.00	0	209.00	0.00
7.50	0.00	0	209.00	0.00
7.60	0.00	0	209.00	0.00
7.70	0.00	0	209.00	0.00
7.80	0.00	0	209.00	0.00
7.90	0.00	0	209.00	0.00
8.00	0.00	0	209.00	0.00
8.10	0.00	0	209.00	0.00
8.20	0.00	0	209.00	0.00
8.30	0.00	0	209.00	0.00
8.40	0.00	0	209.00	0.00
8.50	0.00	0	209.00	0.00
8.60	0.00	0	209.00	0.00
8.70	0.00	0	209.00	0.00
8.80	0.00	0	209.00	0.00
8.90	0.00	0	209.00	0.00
9.00	0.00	0	209.00	0.00
9.10	0.00	0	209.00	0.00
9.20	0.00	0	209.00	0.00
9.30	0.00	0	209.00	0.00
9.40	0.00	0	209.00	0.00
9.50	0.00	0	209.00	0.00
9.60	0.00	0	209.00	0.00
9.70	0.00	0	209.00	0.00
9.80	0.00	0	209.00	0.00
9.90	0.00	0	209.00	0.00
10.00	0.00	0	209.00	0.00
10.10	0.00	0	209.00	0.00
10.20	0.00	0	209.00	0.00
10.30	0.00	1	209.00	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	2	209.00	0.00
10.50	0.01	4	209.00	0.00
10.60	0.01	6	209.00	0.00
10.70	0.01	9	209.00	0.00
10.80	0.01	14	209.00	0.00
10.90	0.02	20	209.00	0.00
11.00	0.02	27	209.00	0.00
11.10	0.03	37	209.00	0.00
11.20	0.04	49	209.00	0.00
11.30	0.05	65	209.01	0.00
11.40	0.06	84	209.01	0.00
11.50	0.07	109	209.01	0.00
11.60	0.10	139	209.01	0.00
11.70	0.15	184	209.02	0.00
11.80	0.20	246	209.02	0.00
11.90	0.31	335	209.03	0.00
12.00	0.55	485	209.05	0.00
12.10	1.10	772	209.08	0.01
12.20	1.51	1,266	209.12	0.02
12.30	1.03	1,716	209.17	0.03
12.40	0.74	2,017	209.20	0.04
12.50	0.60	2,239	209.22	0.05
12.60	0.52	2,423	209.24	0.05
12.70	0.44	2,574	209.25	0.06
12.80	0.40	2,702	209.26	0.06
12.90	0.42	2,828	209.27	0.06
13.00	0.45	2,962	209.29	0.07
13.10	0.48	3,106	209.30	0.07
13.20	0.49	3,256	209.32	0.07
13.30	0.50	3,409	209.33	0.07
13.40	0.50	3,561	209.34	0.08
13.50	0.49	3,711	209.36	0.08
13.60	0.48	3,857	209.37	0.08
13.70	0.46	3,995	209.39	0.08
13.80	0.44	4,126	209.40	0.09
13.90	0.43	4,252	209.41	0.09
14.00	0.42	4,373	209.42	0.09
14.10	0.41	4,488	209.43	0.09
14.20	0.39	4,600	209.44	0.09
14.30	0.38	4,706	209.45	0.09
14.40	0.37	4,808	209.46	0.10
14.50	0.36	4,905	209.47	0.10
14.60	0.35	4,997	209.48	0.10
14.70	0.34	5,085	209.49	0.10
14.80	0.32	5,168	209.50	0.10
14.90	0.31	5,246	209.50	0.10
15.00	0.30	5,320	209.51	0.10
15.10	0.29	5,389	209.52	0.10
15.20	0.28	5,454	209.52	0.10
15.30	0.27	5,516	209.53	0.10
15.40	0.27	5,574	209.53	0.11
15.50	0.26	5,631	209.54	0.11

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	5,686	209.54	0.11
15.70	0.25	5,738	209.55	0.11
15.80	0.25	5,789	209.55	0.11
15.90	0.24	5,838	209.56	0.11
16.00	0.24	5,886	209.56	0.11
16.10	0.23	5,931	209.57	0.11
16.20	0.23	5,975	209.57	0.11
16.30	0.23	6,018	209.58	0.11
16.40	0.22	6,059	209.58	0.11
16.50	0.22	6,098	209.58	0.11
16.60	0.21	6,136	209.59	0.11
16.70	0.21	6,172	209.59	0.11
16.80	0.21	6,207	209.59	0.11
16.90	0.20	6,240	209.60	0.11
17.00	0.20	6,272	209.60	0.11
17.10	0.20	6,303	209.60	0.11
17.20	0.19	6,332	209.60	0.11
17.30	0.19	6,360	209.61	0.11
17.40	0.19	6,386	209.61	0.11
17.50	0.18	6,412	209.61	0.11
17.60	0.18	6,436	209.61	0.11
17.70	0.18	6,460	209.62	0.12
17.80	0.18	6,483	209.62	0.12
17.90	0.18	6,506	209.62	0.12
18.00	0.18	6,529	209.62	0.12
18.10	0.18	6,551	209.62	0.12
18.20	0.18	6,572	209.63	0.12
18.30	0.18	6,594	209.63	0.12
18.40	0.17	6,614	209.63	0.12
18.50	0.17	6,635	209.63	0.12
18.60	0.17	6,656	209.63	0.12
18.70	0.17	6,676	209.64	0.12
18.80	0.17	6,696	209.64	0.12
18.90	0.17	6,716	209.64	0.12
19.00	0.17	6,736	209.64	0.12
19.10	0.17	6,755	209.64	0.12
19.20	0.17	6,774	209.65	0.12
19.30	0.17	6,793	209.65	0.12
19.40	0.17	6,812	209.65	0.12
19.50	0.17	6,831	209.65	0.12
19.60	0.17	6,849	209.65	0.12
19.70	0.17	6,867	209.65	0.12
19.80	0.17	6,885	209.66	0.12
19.90	0.17	6,903	209.66	0.12
20.00	0.17	6,920	209.66	0.12
20.10	0.17	6,938	209.66	0.12
20.20	0.17	6,955	209.66	0.12
20.30	0.17	6,972	209.66	0.12
20.40	0.17	6,988	209.67	0.12
20.50	0.17	7,005	209.67	0.12
20.60	0.17	7,021	209.67	0.12
20.70	0.17	7,037	209.67	0.12

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	7,053	209.67	0.12
20.90	0.16	7,068	209.67	0.12
21.00	0.16	7,084	209.67	0.12
21.10	0.16	7,099	209.68	0.12
21.20	0.16	7,114	209.68	0.12
21.30	0.16	7,128	209.68	0.12
21.40	0.16	7,143	209.68	0.12
21.50	0.16	7,157	209.68	0.12
21.60	0.16	7,171	209.68	0.12
21.70	0.16	7,185	209.68	0.12
21.80	0.16	7,199	209.68	0.12
21.90	0.16	7,212	209.69	0.12
22.00	0.16	7,225	209.69	0.12
22.10	0.16	7,238	209.69	0.12
22.20	0.16	7,251	209.69	0.12
22.30	0.16	7,264	209.69	0.12
22.40	0.16	7,276	209.69	0.12
22.50	0.16	7,288	209.69	0.12
22.60	0.16	7,300	209.69	0.12
22.70	0.16	7,312	209.70	0.12
22.80	0.16	7,323	209.70	0.12
22.90	0.16	7,334	209.70	0.12
23.00	0.15	7,345	209.70	0.12
23.10	0.15	7,356	209.70	0.12
23.20	0.15	7,367	209.70	0.12
23.30	0.15	7,377	209.70	0.12
23.40	0.15	7,387	209.70	0.12
23.50	0.15	7,397	209.70	0.12
23.60	0.15	7,407	209.70	0.12
23.70	0.15	7,416	209.70	0.13
23.80	0.15	7,426	209.71	0.13
23.90	0.15	7,435	209.71	0.13
24.00	0.15	7,444	209.71	0.13
24.10	0.15	7,453	209.71	0.13
24.20	0.13	7,457	209.71	0.13
24.30	0.12	7,458	209.71	0.13
24.40	0.12	7,457	209.71	0.13
24.50	0.12	7,456	209.71	0.13
24.60	0.12	7,454	209.71	0.13
24.70	0.12	7,452	209.71	0.13
24.80	0.12	7,451	209.71	0.13
24.90	0.12	7,449	209.71	0.13
25.00	0.12	7,446	209.71	0.13
25.10	0.12	7,444	209.71	0.13
25.20	0.12	7,441	209.71	0.13
25.30	0.12	7,438	209.71	0.13
25.40	0.12	7,435	209.71	0.13
25.50	0.12	7,432	209.71	0.13
25.60	0.12	7,428	209.71	0.13
25.70	0.11	7,425	209.71	0.13
25.80	0.11	7,421	209.71	0.13
25.90	0.11	7,417	209.70	0.13

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.11	7,413	209.70	0.13
26.10	0.11	7,408	209.70	0.12
26.20	0.11	7,404	209.70	0.12
26.30	0.11	7,399	209.70	0.12
26.40	0.11	7,394	209.70	0.12
26.50	0.11	7,389	209.70	0.12
26.60	0.11	7,383	209.70	0.12
26.70	0.11	7,378	209.70	0.12
26.80	0.11	7,372	209.70	0.12
26.90	0.11	7,366	209.70	0.12
27.00	0.11	7,360	209.70	0.12
27.10	0.11	7,354	209.70	0.12
27.20	0.11	7,347	209.70	0.12
27.30	0.11	7,340	209.70	0.12
27.40	0.10	7,333	209.70	0.12
27.50	0.10	7,326	209.70	0.12
27.60	0.10	7,319	209.70	0.12
27.70	0.10	7,312	209.70	0.12
27.80	0.10	7,304	209.69	0.12
27.90	0.10	7,296	209.69	0.12
28.00	0.10	7,288	209.69	0.12
28.10	0.10	7,280	209.69	0.12
28.20	0.10	7,272	209.69	0.12
28.30	0.10	7,263	209.69	0.12
28.40	0.10	7,255	209.69	0.12
28.50	0.10	7,246	209.69	0.12
28.60	0.10	7,237	209.69	0.12
28.70	0.10	7,227	209.69	0.12
28.80	0.10	7,218	209.69	0.12
28.90	0.10	7,208	209.69	0.12
29.00	0.10	7,199	209.68	0.12
29.10	0.09	7,189	209.68	0.12
29.20	0.09	7,179	209.68	0.12
29.30	0.09	7,168	209.68	0.12
29.40	0.09	7,158	209.68	0.12
29.50	0.09	7,147	209.68	0.12
29.60	0.09	7,137	209.68	0.12
29.70	0.09	7,126	209.68	0.12
29.80	0.09	7,114	209.68	0.12
29.90	0.09	7,103	209.68	0.12
30.00	0.09	7,092	209.67	0.12
30.10	0.09	7,080	209.67	0.12
30.20	0.09	7,068	209.67	0.12
30.30	0.09	7,056	209.67	0.12
30.40	0.09	7,044	209.67	0.12
30.50	0.09	7,032	209.67	0.12
30.60	0.09	7,019	209.67	0.12
30.70	0.09	7,007	209.67	0.12
30.80	0.08	6,994	209.67	0.12
30.90	0.08	6,981	209.66	0.12
31.00	0.08	6,968	209.66	0.12
31.10	0.08	6,954	209.66	0.12

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.08	6,941	209.66	0.12
31.30	0.08	6,927	209.66	0.12
31.40	0.08	6,913	209.66	0.12
31.50	0.08	6,899	209.66	0.12
31.60	0.08	6,885	209.66	0.12
31.70	0.08	6,871	209.65	0.12
31.80	0.08	6,856	209.65	0.12
31.90	0.08	6,842	209.65	0.12
32.00	0.08	6,827	209.65	0.12
32.10	0.08	6,812	209.65	0.12
32.20	0.08	6,797	209.65	0.12
32.30	0.08	6,782	209.65	0.12
32.40	0.08	6,767	209.64	0.12
32.50	0.07	6,751	209.64	0.12
32.60	0.07	6,735	209.64	0.12
32.70	0.07	6,719	209.64	0.12
32.80	0.07	6,703	209.64	0.12
32.90	0.07	6,687	209.64	0.12
33.00	0.07	6,671	209.64	0.12
33.10	0.07	6,654	209.63	0.12
33.20	0.07	6,638	209.63	0.12
33.30	0.07	6,621	209.63	0.12
33.40	0.07	6,604	209.63	0.12
33.50	0.07	6,587	209.63	0.12
33.60	0.07	6,570	209.63	0.12
33.70	0.07	6,552	209.63	0.12
33.80	0.07	6,535	209.62	0.12
33.90	0.07	6,517	209.62	0.12
34.00	0.07	6,500	209.62	0.12
34.10	0.07	6,482	209.62	0.12
34.20	0.06	6,463	209.62	0.12
34.30	0.06	6,445	209.62	0.11
34.40	0.06	6,427	209.61	0.11
34.50	0.06	6,408	209.61	0.11
34.60	0.06	6,390	209.61	0.11
34.70	0.06	6,371	209.61	0.11
34.80	0.06	6,352	209.61	0.11
34.90	0.06	6,333	209.60	0.11
35.00	0.06	6,314	209.60	0.11
35.10	0.06	6,294	209.60	0.11
35.20	0.06	6,275	209.60	0.11
35.30	0.06	6,255	209.60	0.11
35.40	0.06	6,235	209.60	0.11
35.50	0.06	6,215	209.59	0.11
35.60	0.06	6,195	209.59	0.11
35.70	0.06	6,175	209.59	0.11
35.80	0.06	6,155	209.59	0.11
35.90	0.05	6,134	209.59	0.11
36.00	0.05	6,114	209.58	0.11
36.10	0.05	6,093	209.58	0.11
36.20	0.05	6,072	209.58	0.11
36.30	0.05	6,051	209.58	0.11

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.05	6,030	209.58	0.11
36.50	0.05	6,009	209.57	0.11
36.60	0.05	5,987	209.57	0.11
36.70	0.05	5,966	209.57	0.11
36.80	0.05	5,944	209.57	0.11
36.90	0.05	5,922	209.57	0.11
37.00	0.05	5,900	209.56	0.11
37.10	0.05	5,878	209.56	0.11
37.20	0.05	5,856	209.56	0.11
37.30	0.05	5,834	209.56	0.11
37.40	0.05	5,811	209.56	0.11
37.50	0.04	5,789	209.55	0.11
37.60	0.04	5,766	209.55	0.11
37.70	0.04	5,743	209.55	0.11
37.80	0.04	5,721	209.55	0.11
37.90	0.04	5,697	209.55	0.11
38.00	0.04	5,674	209.54	0.11
38.10	0.04	5,651	209.54	0.11
38.20	0.04	5,627	209.54	0.11
38.30	0.04	5,604	209.54	0.11
38.40	0.04	5,580	209.53	0.11
38.50	0.04	5,556	209.53	0.10
38.60	0.04	5,532	209.53	0.10
38.70	0.04	5,508	209.53	0.10
38.80	0.04	5,484	209.53	0.10
38.90	0.04	5,460	209.52	0.10
39.00	0.04	5,435	209.52	0.10
39.10	0.03	5,411	209.52	0.10
39.20	0.03	5,386	209.52	0.10
39.30	0.03	5,361	209.51	0.10
39.40	0.03	5,337	209.51	0.10
39.50	0.03	5,312	209.51	0.10
39.60	0.03	5,287	209.51	0.10
39.70	0.03	5,262	209.50	0.10
39.80	0.03	5,237	209.50	0.10
39.90	0.03	5,212	209.50	0.10
40.00	0.03	5,186	209.50	0.10

Stage-Discharge for Pond B-1: Basin #1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.10	210.04	0.16	210.56	0.20
209.01	0.00	209.53	0.10	210.05	0.16	210.57	0.20
209.02	0.00	209.54	0.11	210.06	0.16	210.58	0.20
209.03	0.00	209.55	0.11	210.07	0.16	210.59	0.20
209.04	0.00	209.56	0.11	210.08	0.16	210.60	0.20
209.05	0.00	209.57	0.11	210.09	0.16	210.61	0.20
209.06	0.00	209.58	0.11	210.10	0.16	210.62	0.20
209.07	0.00	209.59	0.11	210.11	0.16	210.63	0.20
209.08	0.01	209.60	0.11	210.12	0.16	210.64	0.20
209.09	0.01	209.61	0.11	210.13	0.16	210.65	0.20
209.10	0.01	209.62	0.12	210.14	0.17	210.66	0.20
209.11	0.01	209.63	0.12	210.15	0.17	210.67	0.20
209.12	0.02	209.64	0.12	210.16	0.17	210.68	0.20
209.13	0.02	209.65	0.12	210.17	0.17	210.69	0.21
209.14	0.02	209.66	0.12	210.18	0.17	210.70	0.21
209.15	0.03	209.67	0.12	210.19	0.17	210.71	0.21
209.16	0.03	209.68	0.12	210.20	0.17	210.72	0.21
209.17	0.03	209.69	0.12	210.21	0.17	210.73	0.21
209.18	0.04	209.70	0.12	210.22	0.17	210.74	0.21
209.19	0.04	209.71	0.13	210.23	0.17	210.75	0.21
209.20	0.05	209.72	0.13	210.24	0.17	210.76	0.21
209.21	0.05	209.73	0.13	210.25	0.17	210.77	0.21
209.22	0.05	209.74	0.13	210.26	0.17	210.78	0.21
209.23	0.05	209.75	0.13	210.27	0.18	210.79	0.21
209.24	0.06	209.76	0.13	210.28	0.18	210.80	0.21
209.25	0.06	209.77	0.13	210.29	0.18	210.81	0.21
209.26	0.06	209.78	0.13	210.30	0.18	210.82	0.21
209.27	0.06	209.79	0.13	210.31	0.18	210.83	0.21
209.28	0.06	209.80	0.13	210.32	0.18	210.84	0.22
209.29	0.07	209.81	0.14	210.33	0.18	210.85	0.22
209.30	0.07	209.82	0.14	210.34	0.18	210.86	0.22
209.31	0.07	209.83	0.14	210.35	0.18	210.87	0.22
209.32	0.07	209.84	0.14	210.36	0.18	210.88	0.22
209.33	0.07	209.85	0.14	210.37	0.18	210.89	0.22
209.34	0.08	209.86	0.14	210.38	0.18	210.90	0.22
209.35	0.08	209.87	0.14	210.39	0.18	210.91	0.22
209.36	0.08	209.88	0.14	210.40	0.19	210.92	0.22
209.37	0.08	209.89	0.14	210.41	0.19	210.93	0.22
209.38	0.08	209.90	0.14	210.42	0.19	210.94	0.22
209.39	0.08	209.91	0.15	210.43	0.19	210.95	0.22
209.40	0.09	209.92	0.15	210.44	0.19	210.96	0.22
209.41	0.09	209.93	0.15	210.45	0.19	210.97	0.22
209.42	0.09	209.94	0.15	210.46	0.19	210.98	0.22
209.43	0.09	209.95	0.15	210.47	0.19	210.99	0.22
209.44	0.09	209.96	0.15	210.48	0.19	211.00	0.22
209.45	0.09	209.97	0.15	210.49	0.19	211.01	0.23
209.46	0.10	209.98	0.15	210.50	0.19	211.02	0.23
209.47	0.10	209.99	0.15	210.51	0.19	211.03	0.23
209.48	0.10	210.00	0.15	210.52	0.19	211.04	0.23
209.49	0.10	210.01	0.15	210.53	0.19	211.05	0.23
209.50	0.10	210.02	0.16	210.54	0.20	211.06	0.23
209.51	0.10	210.03	0.16	210.55	0.20	211.07	0.23

Stage-Discharge for Pond B-1: Basin #1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	0.23	211.60	2.92
211.09	0.23	211.61	3.03
211.10	0.23	211.62	3.15
211.11	0.23	211.63	3.27
211.12	0.23	211.64	3.38
211.13	0.23	211.65	3.50
211.14	0.23	211.66	3.62
211.15	0.23	211.67	3.75
211.16	0.23	211.68	3.87
211.17	0.23	211.69	4.00
211.18	0.24	211.70	4.12
211.19	0.24	211.71	4.25
211.20	0.24	211.72	4.38
211.21	0.24	211.73	4.51
211.22	0.24	211.74	4.64
211.23	0.24	211.75	4.77
211.24	0.24	211.76	5.03
211.25	0.24	211.77	5.38
211.26	0.25	211.78	5.79
211.27	0.28	211.79	6.26
211.28	0.31	211.80	6.77
211.29	0.35	211.81	7.32
211.30	0.39	211.82	7.91
211.31	0.43	211.83	8.54
211.32	0.48	211.84	9.20
211.33	0.54	211.85	9.89
211.34	0.60	211.86	10.60
211.35	0.66	211.87	11.35
211.36	0.72	211.88	12.13
211.37	0.79	211.89	12.93
211.38	0.86	211.90	13.75
211.39	0.93	211.91	14.60
211.40	1.00	211.92	15.48
211.41	1.08	211.93	16.37
211.42	1.16	211.94	17.29
211.43	1.24	211.95	18.23
211.44	1.32	211.96	19.24
211.45	1.41	211.97	20.26
211.46	1.50	211.98	21.32
211.47	1.59	211.99	22.40
211.48	1.68	212.00	23.51
211.49	1.77		
211.50	1.87		
211.51	1.97		
211.52	2.06		
211.53	2.17		
211.54	2.27		
211.55	2.37		
211.56	2.48		
211.57	2.59		
211.58	2.70		
211.59	2.81		

Stage-Area-Storage for Pond B-1: Basin #1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	10,187	0	209.52	10,679	5,425
209.01	10,196	102	209.53	10,688	5,532
209.02	10,206	204	209.54	10,698	5,639
209.03	10,215	306	209.55	10,707	5,746
209.04	10,225	408	209.56	10,717	5,853
209.05	10,234	511	209.57	10,726	5,960
209.06	10,244	613	209.58	10,736	6,068
209.07	10,253	715	209.59	10,745	6,175
209.08	10,263	818	209.60	10,755	6,282
209.09	10,272	921	209.61	10,764	6,390
209.10	10,282	1,023	209.62	10,774	6,498
209.11	10,291	1,126	209.63	10,783	6,606
209.12	10,301	1,229	209.64	10,792	6,713
209.13	10,310	1,332	209.65	10,802	6,821
209.14	10,319	1,435	209.66	10,811	6,929
209.15	10,329	1,539	209.67	10,821	7,038
209.16	10,338	1,642	209.68	10,830	7,146
209.17	10,348	1,745	209.69	10,840	7,254
209.18	10,357	1,849	209.70	10,849	7,363
209.19	10,367	1,953	209.71	10,859	7,471
209.20	10,376	2,056	209.72	10,868	7,580
209.21	10,386	2,160	209.73	10,878	7,689
209.22	10,395	2,264	209.74	10,887	7,797
209.23	10,405	2,368	209.75	10,897	7,906
209.24	10,414	2,472	209.76	10,906	8,015
209.25	10,424	2,576	209.77	10,915	8,124
209.26	10,433	2,681	209.78	10,925	8,234
209.27	10,442	2,785	209.79	10,934	8,343
209.28	10,452	2,889	209.80	10,944	8,452
209.29	10,461	2,994	209.81	10,953	8,562
209.30	10,471	3,099	209.82	10,963	8,671
209.31	10,480	3,203	209.83	10,972	8,781
209.32	10,490	3,308	209.84	10,982	8,891
209.33	10,499	3,413	209.85	10,991	9,001
209.34	10,509	3,518	209.86	11,001	9,111
209.35	10,518	3,623	209.87	11,010	9,221
209.36	10,528	3,729	209.88	11,019	9,331
209.37	10,537	3,834	209.89	11,029	9,441
209.38	10,546	3,939	209.90	11,038	9,551
209.39	10,556	4,045	209.91	11,048	9,662
209.40	10,565	4,150	209.92	11,057	9,772
209.41	10,575	4,256	209.93	11,067	9,883
209.42	10,584	4,362	209.94	11,076	9,994
209.43	10,594	4,468	209.95	11,086	10,105
209.44	10,603	4,574	209.96	11,095	10,215
209.45	10,613	4,680	209.97	11,105	10,326
209.46	10,622	4,786	209.98	11,114	10,438
209.47	10,632	4,892	209.99	11,124	10,549
209.48	10,641	4,999	210.00	11,133	10,660
209.49	10,651	5,105	210.01	11,143	10,771
209.50	10,660	5,212	210.02	11,153	10,883
209.51	10,669	5,318	210.03	11,162	10,994

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	11,172	11,106	210.56	11,682	17,048
210.05	11,182	11,218	210.57	11,692	17,165
210.06	11,192	11,330	210.58	11,701	17,282
210.07	11,202	11,442	210.59	11,711	17,399
210.08	11,211	11,554	210.60	11,721	17,516
210.09	11,221	11,666	210.61	11,731	17,633
210.10	11,231	11,778	210.62	11,741	17,751
210.11	11,241	11,891	210.63	11,750	17,868
210.12	11,251	12,003	210.64	11,760	17,986
210.13	11,260	12,116	210.65	11,770	18,103
210.14	11,270	12,228	210.66	11,780	18,221
210.15	11,280	12,341	210.67	11,790	18,339
210.16	11,290	12,454	210.68	11,799	18,457
210.17	11,300	12,567	210.69	11,809	18,575
210.18	11,309	12,680	210.70	11,819	18,693
210.19	11,319	12,793	210.71	11,829	18,811
210.20	11,329	12,906	210.72	11,839	18,930
210.21	11,339	13,020	210.73	11,848	19,048
210.22	11,349	13,133	210.74	11,858	19,167
210.23	11,358	13,247	210.75	11,868	19,285
210.24	11,368	13,360	210.76	11,878	19,404
210.25	11,378	13,474	210.77	11,888	19,523
210.26	11,388	13,588	210.78	11,897	19,642
210.27	11,398	13,702	210.79	11,907	19,761
210.28	11,407	13,816	210.80	11,917	19,880
210.29	11,417	13,930	210.81	11,927	19,999
210.30	11,427	14,044	210.82	11,937	20,119
210.31	11,437	14,158	210.83	11,946	20,238
210.32	11,447	14,273	210.84	11,956	20,357
210.33	11,456	14,387	210.85	11,966	20,477
210.34	11,466	14,502	210.86	11,976	20,597
210.35	11,476	14,617	210.87	11,986	20,717
210.36	11,486	14,731	210.88	11,995	20,836
210.37	11,496	14,846	210.89	12,005	20,956
210.38	11,505	14,961	210.90	12,015	21,077
210.39	11,515	15,076	210.91	12,025	21,197
210.40	11,525	15,192	210.92	12,035	21,317
210.41	11,535	15,307	210.93	12,044	21,437
210.42	11,545	15,422	210.94	12,054	21,558
210.43	11,554	15,538	210.95	12,064	21,679
210.44	11,564	15,653	210.96	12,074	21,799
210.45	11,574	15,769	210.97	12,084	21,920
210.46	11,584	15,885	210.98	12,093	22,041
210.47	11,594	16,001	210.99	12,103	22,162
210.48	11,603	16,117	211.00	12,113	22,283
210.49	11,613	16,233	211.01	12,123	22,404
210.50	11,623	16,349	211.02	12,133	22,525
210.51	11,633	16,465	211.03	12,143	22,647
210.52	11,643	16,582	211.04	12,154	22,768
210.53	11,652	16,698	211.05	12,164	22,890
210.54	11,662	16,815	211.06	12,174	23,012
210.55	11,672	16,931	211.07	12,184	23,133

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	12,194	23,255	211.60	12,721	29,733
211.09	12,204	23,377	211.61	12,731	29,860
211.10	12,214	23,499	211.62	12,741	29,988
211.11	12,224	23,622	211.63	12,751	30,115
211.12	12,235	23,744	211.64	12,761	30,243
211.13	12,245	23,866	211.65	12,771	30,370
211.14	12,255	23,989	211.66	12,782	30,498
211.15	12,265	24,111	211.67	12,792	30,626
211.16	12,275	24,234	211.68	12,802	30,754
211.17	12,285	24,357	211.69	12,812	30,882
211.18	12,295	24,480	211.70	12,822	31,010
211.19	12,305	24,603	211.71	12,832	31,139
211.20	12,316	24,726	211.72	12,842	31,267
211.21	12,326	24,849	211.73	12,852	31,395
211.22	12,336	24,972	211.74	12,863	31,524
211.23	12,346	25,096	211.75	12,873	31,653
211.24	12,356	25,219	211.76	12,883	31,781
211.25	12,366	25,343	211.77	12,893	31,910
211.26	12,376	25,467	211.78	12,903	32,039
211.27	12,387	25,590	211.79	12,913	32,168
211.28	12,397	25,714	211.80	12,923	32,298
211.29	12,407	25,838	211.81	12,934	32,427
211.30	12,417	25,962	211.82	12,944	32,556
211.31	12,427	26,087	211.83	12,954	32,686
211.32	12,437	26,211	211.84	12,964	32,815
211.33	12,447	26,335	211.85	12,974	32,945
211.34	12,457	26,460	211.86	12,984	33,075
211.35	12,468	26,585	211.87	12,994	33,205
211.36	12,478	26,709	211.88	13,004	33,335
211.37	12,488	26,834	211.89	13,015	33,465
211.38	12,498	26,959	211.90	13,025	33,595
211.39	12,508	27,084	211.91	13,035	33,725
211.40	12,518	27,209	211.92	13,045	33,856
211.41	12,528	27,334	211.93	13,055	33,986
211.42	12,538	27,460	211.94	13,065	34,117
211.43	12,549	27,585	211.95	13,075	34,247
211.44	12,559	27,711	211.96	13,085	34,378
211.45	12,569	27,836	211.97	13,096	34,509
211.46	12,579	27,962	211.98	13,106	34,640
211.47	12,589	28,088	211.99	13,116	34,771
211.48	12,599	28,214	212.00	13,126	34,903
211.49	12,609	28,340			
211.50	12,620	28,466			
211.51	12,630	28,592			
211.52	12,640	28,719			
211.53	12,650	28,845			
211.54	12,660	28,972			
211.55	12,670	29,098			
211.56	12,680	29,225			
211.57	12,690	29,352			
211.58	12,701	29,479			
211.59	12,711	29,606			

Summary for Pond B-10: Basin #10

Inflow Area = 1.674 ac, 56.63% Impervious, Inflow Depth = 2.69" for Future 2 yr event
 Inflow = 4.48 cfs @ 12.17 hrs, Volume= 0.376 af
 Outflow = 0.18 cfs @ 14.86 hrs, Volume= 0.273 af, Atten= 96%, Lag= 161.1 min
 Primary = 0.18 cfs @ 14.86 hrs, Volume= 0.273 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.24' @ 14.86 hrs Surf.Area= 6,047 sf Storage= 11,477 cf

Plug-Flow detention time= 657.7 min calculated for 0.273 af (73% of inflow)
 Center-of-Mass det. time= 561.0 min (1,342.6 - 781.6)

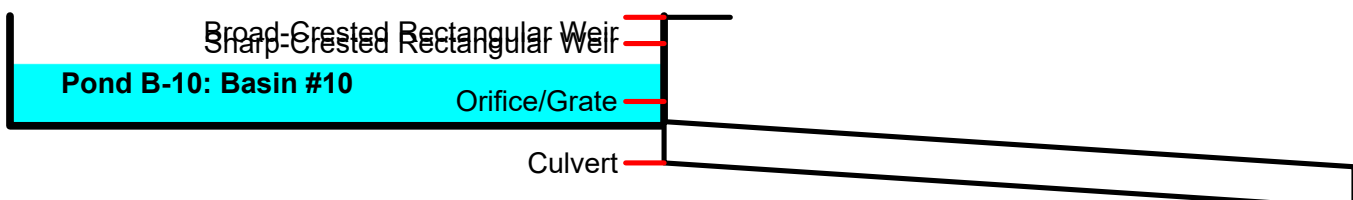
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	23,473 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	4,220	0	0
180.00	5,003	4,612	4,612
181.00	5,833	5,418	10,030
182.00	6,710	6,272	16,301
183.00	7,633	7,172	23,473

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 52.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 176.00' S= 0.0317 ' S= 0.0317 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.88'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

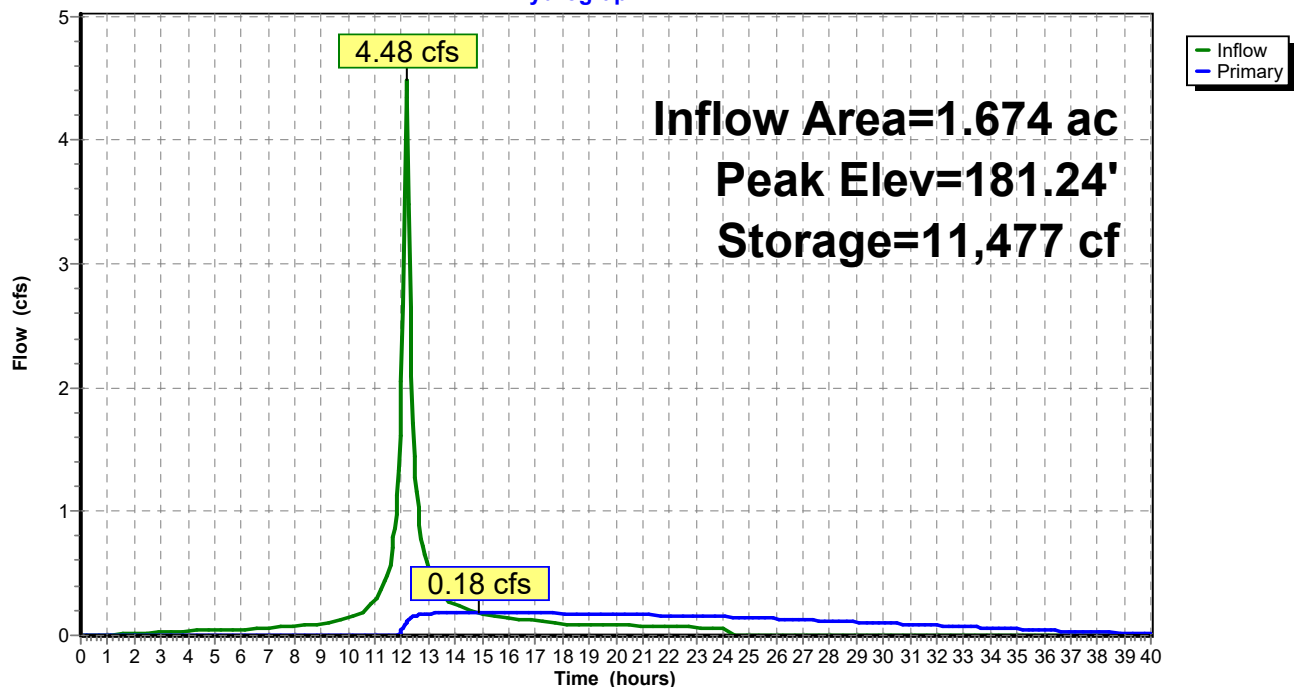
Primary OutFlow Max=0.18 cfs @ 14.86 hrs HW=181.24' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 14.35 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.40 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-10: Basin #10

Hydrograph



Hydrograph for Pond B-10: Basin #10

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	0	179.00	0.00
1.10	0.00	0	179.00	0.00
1.20	0.00	0	179.00	0.00
1.30	0.00	1	179.00	0.00
1.40	0.00	2	179.00	0.00
1.50	0.01	4	179.00	0.00
1.60	0.01	7	179.00	0.00
1.70	0.01	10	179.00	0.00
1.80	0.01	13	179.00	0.00
1.90	0.01	17	179.00	0.00
2.00	0.01	22	179.01	0.00
2.10	0.01	27	179.01	0.00
2.20	0.02	32	179.01	0.00
2.30	0.02	38	179.01	0.00
2.40	0.02	44	179.01	0.00
2.50	0.02	51	179.01	0.00
2.60	0.02	58	179.01	0.00
2.70	0.02	65	179.02	0.00
2.80	0.02	73	179.02	0.00
2.90	0.02	81	179.02	0.00
3.00	0.02	90	179.02	0.00
3.10	0.03	99	179.02	0.00
3.20	0.03	108	179.03	0.00
3.30	0.03	118	179.03	0.00
3.40	0.03	128	179.03	0.00
3.50	0.03	138	179.03	0.00
3.60	0.03	149	179.04	0.00
3.70	0.03	160	179.04	0.00
3.80	0.03	171	179.04	0.00
3.90	0.03	183	179.04	0.00
4.00	0.03	194	179.05	0.00
4.10	0.03	207	179.05	0.00
4.20	0.03	219	179.05	0.00
4.30	0.04	232	179.05	0.00
4.40	0.04	245	179.06	0.00
4.50	0.04	258	179.06	0.00
4.60	0.04	271	179.06	0.00
4.70	0.04	285	179.07	0.00
4.80	0.04	299	179.07	0.00
4.90	0.04	314	179.07	0.00
5.00	0.04	328	179.08	0.00
5.10	0.04	343	179.08	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	358	179.08	0.00
5.30	0.04	373	179.09	0.00
5.40	0.04	389	179.09	0.00
5.50	0.04	405	179.09	0.00
5.60	0.04	421	179.10	0.00
5.70	0.05	437	179.10	0.00
5.80	0.05	453	179.11	0.00
5.90	0.05	470	179.11	0.00
6.00	0.05	487	179.11	0.00
6.10	0.05	504	179.12	0.00
6.20	0.05	521	179.12	0.00
6.30	0.05	539	179.13	0.00
6.40	0.05	558	179.13	0.00
6.50	0.05	577	179.14	0.00
6.60	0.06	597	179.14	0.00
6.70	0.06	617	179.14	0.00
6.80	0.06	638	179.15	0.00
6.90	0.06	659	179.15	0.00
7.00	0.06	681	179.16	0.00
7.10	0.06	703	179.16	0.00
7.20	0.06	726	179.17	0.00
7.30	0.07	750	179.17	0.00
7.40	0.07	774	179.18	0.00
7.50	0.07	799	179.19	0.00
7.60	0.07	824	179.19	0.00
7.70	0.07	850	179.20	0.00
7.80	0.07	876	179.20	0.00
7.90	0.08	903	179.21	0.00
8.00	0.08	931	179.22	0.00
8.10	0.08	959	179.22	0.00
8.20	0.08	987	179.23	0.00
8.30	0.08	1,017	179.24	0.00
8.40	0.08	1,046	179.24	0.00
8.50	0.09	1,077	179.25	0.00
8.60	0.09	1,108	179.26	0.00
8.70	0.09	1,139	179.26	0.00
8.80	0.09	1,171	179.27	0.00
8.90	0.09	1,204	179.28	0.00
9.00	0.09	1,237	179.29	0.00
9.10	0.10	1,271	179.29	0.00
9.20	0.10	1,307	179.30	0.00
9.30	0.11	1,344	179.31	0.00
9.40	0.11	1,382	179.32	0.00
9.50	0.12	1,423	179.33	0.00
9.60	0.12	1,466	179.34	0.00
9.70	0.13	1,511	179.35	0.00
9.80	0.13	1,558	179.36	0.00
9.90	0.14	1,606	179.37	0.00
10.00	0.14	1,657	179.38	0.00
10.10	0.15	1,710	179.39	0.00
10.20	0.16	1,765	179.40	0.00
10.30	0.16	1,822	179.42	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,881	179.43	0.00
10.50	0.18	1,943	179.44	0.00
10.60	0.19	2,009	179.46	0.00
10.70	0.21	2,079	179.47	0.00
10.80	0.23	2,158	179.49	0.00
10.90	0.25	2,245	179.51	0.00
11.00	0.28	2,341	179.53	0.00
11.10	0.31	2,446	179.55	0.00
11.20	0.35	2,565	179.58	0.00
11.30	0.40	2,699	179.61	0.00
11.40	0.45	2,851	179.64	0.00
11.50	0.49	3,020	179.67	0.00
11.60	0.60	3,214	179.71	0.00
11.70	0.80	3,467	179.77	0.00
11.80	0.98	3,783	179.83	0.00
11.90	1.33	4,194	179.92	0.00
12.00	2.05	4,781	180.03	0.04
12.10	3.53	5,741	180.22	0.08
12.20	4.34	7,205	180.50	0.12
12.30	2.65	8,413	180.72	0.14
12.40	1.72	9,131	180.84	0.15
12.50	1.27	9,603	180.93	0.16
12.60	1.03	9,959	180.99	0.16
12.70	0.78	10,222	181.03	0.17
12.80	0.67	10,420	181.07	0.17
12.90	0.61	10,588	181.10	0.17
13.00	0.55	10,733	181.12	0.17
13.10	0.49	10,856	181.14	0.18
13.20	0.44	10,960	181.16	0.18
13.30	0.40	11,047	181.17	0.18
13.40	0.37	11,122	181.18	0.18
13.50	0.34	11,185	181.20	0.18
13.60	0.31	11,237	181.20	0.18
13.70	0.28	11,278	181.21	0.18
13.80	0.27	11,312	181.22	0.18
13.90	0.26	11,342	181.22	0.18
14.00	0.25	11,369	181.23	0.18
14.10	0.25	11,393	181.23	0.18
14.20	0.24	11,413	181.23	0.18
14.30	0.23	11,431	181.24	0.18
14.40	0.22	11,446	181.24	0.18
14.50	0.21	11,458	181.24	0.18
14.60	0.21	11,467	181.24	0.18
14.70	0.20	11,473	181.24	0.18
14.80	0.19	11,477	181.24	0.18
14.90	0.18	11,477	181.24	0.18
15.00	0.17	11,474	181.24	0.18
15.10	0.16	11,468	181.24	0.18
15.20	0.16	11,460	181.24	0.18
15.30	0.15	11,450	181.24	0.18
15.40	0.15	11,438	181.24	0.18
15.50	0.15	11,427	181.24	0.18

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	11,414	181.23	0.18
15.70	0.15	11,401	181.23	0.18
15.80	0.14	11,386	181.23	0.18
15.90	0.14	11,372	181.23	0.18
16.00	0.14	11,356	181.22	0.18
16.10	0.14	11,340	181.22	0.18
16.20	0.13	11,323	181.22	0.18
16.30	0.13	11,305	181.22	0.18
16.40	0.13	11,287	181.21	0.18
16.50	0.13	11,268	181.21	0.18
16.60	0.13	11,248	181.21	0.18
16.70	0.12	11,228	181.20	0.18
16.80	0.12	11,207	181.20	0.18
16.90	0.12	11,185	181.20	0.18
17.00	0.12	11,163	181.19	0.18
17.10	0.11	11,140	181.19	0.18
17.20	0.11	11,116	181.18	0.18
17.30	0.11	11,091	181.18	0.18
17.40	0.11	11,066	181.18	0.18
17.50	0.11	11,040	181.17	0.18
17.60	0.10	11,014	181.17	0.18
17.70	0.10	10,987	181.16	0.18
17.80	0.10	10,959	181.16	0.18
17.90	0.10	10,930	181.15	0.18
18.00	0.10	10,901	181.15	0.18
18.10	0.09	10,871	181.14	0.18
18.20	0.09	10,841	181.14	0.18
18.30	0.09	10,810	181.13	0.18
18.40	0.09	10,779	181.13	0.18
18.50	0.09	10,748	181.12	0.18
18.60	0.09	10,717	181.12	0.17
18.70	0.09	10,686	181.11	0.17
18.80	0.09	10,655	181.11	0.17
18.90	0.09	10,624	181.10	0.17
19.00	0.09	10,593	181.10	0.17
19.10	0.09	10,561	181.09	0.17
19.20	0.09	10,530	181.09	0.17
19.30	0.08	10,499	181.08	0.17
19.40	0.08	10,467	181.07	0.17
19.50	0.08	10,436	181.07	0.17
19.60	0.08	10,405	181.06	0.17
19.70	0.08	10,373	181.06	0.17
19.80	0.08	10,342	181.05	0.17
19.90	0.08	10,310	181.05	0.17
20.00	0.08	10,278	181.04	0.17
20.10	0.08	10,247	181.04	0.17
20.20	0.08	10,215	181.03	0.17
20.30	0.08	10,183	181.03	0.17
20.40	0.08	10,151	181.02	0.17
20.50	0.08	10,120	181.02	0.17
20.60	0.08	10,088	181.01	0.17
20.70	0.08	10,056	181.00	0.17

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	10,024	181.00	0.17
20.90	0.08	9,992	180.99	0.16
21.00	0.08	9,960	180.99	0.16
21.10	0.07	9,928	180.98	0.16
21.20	0.07	9,896	180.98	0.16
21.30	0.07	9,864	180.97	0.16
21.40	0.07	9,832	180.97	0.16
21.50	0.07	9,800	180.96	0.16
21.60	0.07	9,767	180.95	0.16
21.70	0.07	9,735	180.95	0.16
21.80	0.07	9,703	180.94	0.16
21.90	0.07	9,671	180.94	0.16
22.00	0.07	9,638	180.93	0.16
22.10	0.07	9,606	180.93	0.16
22.20	0.07	9,574	180.92	0.16
22.30	0.07	9,541	180.92	0.16
22.40	0.07	9,509	180.91	0.16
22.50	0.07	9,476	180.90	0.16
22.60	0.07	9,444	180.90	0.16
22.70	0.07	9,411	180.89	0.16
22.80	0.07	9,379	180.89	0.16
22.90	0.06	9,346	180.88	0.16
23.00	0.06	9,314	180.88	0.16
23.10	0.06	9,281	180.87	0.15
23.20	0.06	9,248	180.86	0.15
23.30	0.06	9,216	180.86	0.15
23.40	0.06	9,183	180.85	0.15
23.50	0.06	9,150	180.85	0.15
23.60	0.06	9,118	180.84	0.15
23.70	0.06	9,085	180.84	0.15
23.80	0.06	9,052	180.83	0.15
23.90	0.06	9,020	180.82	0.15
24.00	0.06	8,987	180.82	0.15
24.10	0.05	8,955	180.81	0.15
24.20	0.02	8,913	180.81	0.15
24.30	0.00	8,863	180.80	0.15
24.40	0.00	8,810	180.79	0.15
24.50	0.00	8,758	180.78	0.15
24.60	0.00	8,705	180.77	0.15
24.70	0.00	8,653	180.76	0.14
24.80	0.00	8,601	180.75	0.14
24.90	0.00	8,550	180.74	0.14
25.00	0.00	8,498	180.73	0.14
25.10	0.00	8,447	180.72	0.14
25.20	0.00	8,397	180.71	0.14
25.30	0.00	8,346	180.71	0.14
25.40	0.00	8,296	180.70	0.14
25.50	0.00	8,247	180.69	0.14
25.60	0.00	8,197	180.68	0.14
25.70	0.00	8,148	180.67	0.14
25.80	0.00	8,099	180.66	0.14
25.90	0.00	8,051	180.65	0.13

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,003	180.64	0.13
26.10	0.00	7,955	180.63	0.13
26.20	0.00	7,908	180.63	0.13
26.30	0.00	7,860	180.62	0.13
26.40	0.00	7,814	180.61	0.13
26.50	0.00	7,767	180.60	0.13
26.60	0.00	7,721	180.59	0.13
26.70	0.00	7,675	180.58	0.13
26.80	0.00	7,629	180.58	0.13
26.90	0.00	7,584	180.57	0.13
27.00	0.00	7,539	180.56	0.12
27.10	0.00	7,494	180.55	0.12
27.20	0.00	7,450	180.54	0.12
27.30	0.00	7,406	180.53	0.12
27.40	0.00	7,362	180.53	0.12
27.50	0.00	7,319	180.52	0.12
27.60	0.00	7,276	180.51	0.12
27.70	0.00	7,233	180.50	0.12
27.80	0.00	7,191	180.50	0.12
27.90	0.00	7,149	180.49	0.12
28.00	0.00	7,107	180.48	0.12
28.10	0.00	7,066	180.47	0.11
28.20	0.00	7,024	180.46	0.11
28.30	0.00	6,984	180.46	0.11
28.40	0.00	6,943	180.45	0.11
28.50	0.00	6,903	180.44	0.11
28.60	0.00	6,863	180.43	0.11
28.70	0.00	6,824	180.43	0.11
28.80	0.00	6,785	180.42	0.11
28.90	0.00	6,746	180.41	0.11
29.00	0.00	6,707	180.41	0.11
29.10	0.00	6,669	180.40	0.11
29.20	0.00	6,631	180.39	0.10
29.30	0.00	6,594	180.38	0.10
29.40	0.00	6,557	180.38	0.10
29.50	0.00	6,520	180.37	0.10
29.60	0.00	6,483	180.36	0.10
29.70	0.00	6,447	180.36	0.10
29.80	0.00	6,411	180.35	0.10
29.90	0.00	6,376	180.34	0.10
30.00	0.00	6,340	180.34	0.10
30.10	0.00	6,305	180.33	0.10
30.20	0.00	6,271	180.32	0.10
30.30	0.00	6,237	180.32	0.09
30.40	0.00	6,203	180.31	0.09
30.50	0.00	6,169	180.30	0.09
30.60	0.00	6,136	180.30	0.09
30.70	0.00	6,103	180.29	0.09
30.80	0.00	6,071	180.28	0.09
30.90	0.00	6,038	180.28	0.09
31.00	0.00	6,006	180.27	0.09
31.10	0.00	5,975	180.27	0.09

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,944	180.26	0.09
31.30	0.00	5,913	180.25	0.09
31.40	0.00	5,882	180.25	0.08
31.50	0.00	5,852	180.24	0.08
31.60	0.00	5,822	180.24	0.08
31.70	0.00	5,793	180.23	0.08
31.80	0.00	5,763	180.23	0.08
31.90	0.00	5,735	180.22	0.08
32.00	0.00	5,706	180.21	0.08
32.10	0.00	5,678	180.21	0.08
32.20	0.00	5,650	180.20	0.08
32.30	0.00	5,622	180.20	0.08
32.40	0.00	5,595	180.19	0.08
32.50	0.00	5,568	180.19	0.07
32.60	0.00	5,542	180.18	0.07
32.70	0.00	5,516	180.18	0.07
32.80	0.00	5,490	180.17	0.07
32.90	0.00	5,464	180.17	0.07
33.00	0.00	5,439	180.16	0.07
33.10	0.00	5,414	180.16	0.07
33.20	0.00	5,390	180.15	0.07
33.30	0.00	5,366	180.15	0.07
33.40	0.00	5,342	180.14	0.07
33.50	0.00	5,319	180.14	0.06
33.60	0.00	5,296	180.14	0.06
33.70	0.00	5,273	180.13	0.06
33.80	0.00	5,250	180.13	0.06
33.90	0.00	5,228	180.12	0.06
34.00	0.00	5,207	180.12	0.06
34.10	0.00	5,185	180.11	0.06
34.20	0.00	5,164	180.11	0.06
34.30	0.00	5,143	180.11	0.06
34.40	0.00	5,123	180.10	0.06
34.50	0.00	5,103	180.10	0.06
34.60	0.00	5,083	180.09	0.05
34.70	0.00	5,064	180.09	0.05
34.80	0.00	5,045	180.09	0.05
34.90	0.00	5,026	180.08	0.05
35.00	0.00	5,007	180.08	0.05
35.10	0.00	4,989	180.08	0.05
35.20	0.00	4,972	180.07	0.05
35.30	0.00	4,954	180.07	0.05
35.40	0.00	4,938	180.06	0.05
35.50	0.00	4,921	180.06	0.05
35.60	0.00	4,905	180.06	0.04
35.70	0.00	4,889	180.06	0.04
35.80	0.00	4,874	180.05	0.04
35.90	0.00	4,859	180.05	0.04
36.00	0.00	4,844	180.05	0.04
36.10	0.00	4,830	180.04	0.04
36.20	0.00	4,816	180.04	0.04
36.30	0.00	4,802	180.04	0.04

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,789	180.04	0.04
36.50	0.00	4,776	180.03	0.04
36.60	0.00	4,763	180.03	0.03
36.70	0.00	4,751	180.03	0.03
36.80	0.00	4,739	180.03	0.03
36.90	0.00	4,727	180.02	0.03
37.00	0.00	4,716	180.02	0.03
37.10	0.00	4,704	180.02	0.03
37.20	0.00	4,694	180.02	0.03
37.30	0.00	4,683	180.01	0.03
37.40	0.00	4,673	180.01	0.03
37.50	0.00	4,663	180.01	0.03
37.60	0.00	4,653	180.01	0.03
37.70	0.00	4,643	180.01	0.03
37.80	0.00	4,634	180.00	0.03
37.90	0.00	4,625	180.00	0.02
38.00	0.00	4,616	180.00	0.02
38.10	0.00	4,607	180.00	0.02
38.20	0.00	4,599	180.00	0.02
38.30	0.00	4,591	180.00	0.02
38.40	0.00	4,583	179.99	0.02
38.50	0.00	4,575	179.99	0.02
38.60	0.00	4,567	179.99	0.02
38.70	0.00	4,559	179.99	0.02
38.80	0.00	4,552	179.99	0.02
38.90	0.00	4,545	179.99	0.02
39.00	0.00	4,538	179.99	0.02
39.10	0.00	4,531	179.98	0.02
39.20	0.00	4,524	179.98	0.02
39.30	0.00	4,517	179.98	0.02
39.40	0.00	4,511	179.98	0.02
39.50	0.00	4,505	179.98	0.02
39.60	0.00	4,498	179.98	0.02
39.70	0.00	4,492	179.98	0.02
39.80	0.00	4,486	179.97	0.02
39.90	0.00	4,481	179.97	0.02
40.00	0.00	4,475	179.97	0.02

Stage-Discharge for Pond B-10: Basin #10

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.00	180.04	0.04	180.56	0.12
179.01	0.00	179.53	0.00	180.05	0.04	180.57	0.13
179.02	0.00	179.54	0.00	180.06	0.05	180.58	0.13
179.03	0.00	179.55	0.00	180.07	0.05	180.59	0.13
179.04	0.00	179.56	0.00	180.08	0.05	180.60	0.13
179.05	0.00	179.57	0.00	180.09	0.05	180.61	0.13
179.06	0.00	179.58	0.00	180.10	0.06	180.62	0.13
179.07	0.00	179.59	0.00	180.11	0.06	180.63	0.13
179.08	0.00	179.60	0.00	180.12	0.06	180.64	0.13
179.09	0.00	179.61	0.00	180.13	0.06	180.65	0.13
179.10	0.00	179.62	0.00	180.14	0.06	180.66	0.13
179.11	0.00	179.63	0.00	180.15	0.07	180.67	0.14
179.12	0.00	179.64	0.00	180.16	0.07	180.68	0.14
179.13	0.00	179.65	0.00	180.17	0.07	180.69	0.14
179.14	0.00	179.66	0.00	180.18	0.07	180.70	0.14
179.15	0.00	179.67	0.00	180.19	0.07	180.71	0.14
179.16	0.00	179.68	0.00	180.20	0.08	180.72	0.14
179.17	0.00	179.69	0.00	180.21	0.08	180.73	0.14
179.18	0.00	179.70	0.00	180.22	0.08	180.74	0.14
179.19	0.00	179.71	0.00	180.23	0.08	180.75	0.14
179.20	0.00	179.72	0.00	180.24	0.08	180.76	0.14
179.21	0.00	179.73	0.00	180.25	0.08	180.77	0.15
179.22	0.00	179.74	0.00	180.26	0.09	180.78	0.15
179.23	0.00	179.75	0.00	180.27	0.09	180.79	0.15
179.24	0.00	179.76	0.00	180.28	0.09	180.80	0.15
179.25	0.00	179.77	0.00	180.29	0.09	180.81	0.15
179.26	0.00	179.78	0.00	180.30	0.09	180.82	0.15
179.27	0.00	179.79	0.00	180.31	0.09	180.83	0.15
179.28	0.00	179.80	0.00	180.32	0.10	180.84	0.15
179.29	0.00	179.81	0.00	180.33	0.10	180.85	0.15
179.30	0.00	179.82	0.00	180.34	0.10	180.86	0.15
179.31	0.00	179.83	0.00	180.35	0.10	180.87	0.15
179.32	0.00	179.84	0.00	180.36	0.10	180.88	0.16
179.33	0.00	179.85	0.00	180.37	0.10	180.89	0.16
179.34	0.00	179.86	0.00	180.38	0.10	180.90	0.16
179.35	0.00	179.87	0.00	180.39	0.10	180.91	0.16
179.36	0.00	179.88	0.00	180.40	0.11	180.92	0.16
179.37	0.00	179.89	0.00	180.41	0.11	180.93	0.16
179.38	0.00	179.90	0.00	180.42	0.11	180.94	0.16
179.39	0.00	179.91	0.00	180.43	0.11	180.95	0.16
179.40	0.00	179.92	0.00	180.44	0.11	180.96	0.16
179.41	0.00	179.93	0.00	180.45	0.11	180.97	0.16
179.42	0.00	179.94	0.01	180.46	0.11	180.98	0.16
179.43	0.00	179.95	0.01	180.47	0.11	180.99	0.16
179.44	0.00	179.96	0.01	180.48	0.12	181.00	0.17
179.45	0.00	179.97	0.01	180.49	0.12	181.01	0.17
179.46	0.00	179.98	0.02	180.50	0.12	181.02	0.17
179.47	0.00	179.99	0.02	180.51	0.12	181.03	0.17
179.48	0.00	180.00	0.02	180.52	0.12	181.04	0.17
179.49	0.00	180.01	0.03	180.53	0.12	181.05	0.17
179.50	0.00	180.02	0.03	180.54	0.12	181.06	0.17
179.51	0.00	180.03	0.03	180.55	0.12	181.07	0.17

Stage-Discharge for Pond B-10: Basin #10 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.17	181.60	0.21	182.12	0.78	182.64	6.75
181.09	0.17	181.61	0.21	182.13	0.85	182.65	6.90
181.10	0.17	181.62	0.21	182.14	0.92	182.66	7.05
181.11	0.17	181.63	0.21	182.15	1.00	182.67	7.20
181.12	0.17	181.64	0.21	182.16	1.07	182.68	7.35
181.13	0.18	181.65	0.21	182.17	1.15	182.69	7.51
181.14	0.18	181.66	0.21	182.18	1.23	182.70	7.66
181.15	0.18	181.67	0.21	182.19	1.32	182.71	7.82
181.16	0.18	181.68	0.21	182.20	1.40	182.72	7.97
181.17	0.18	181.69	0.21	182.21	1.49	182.73	8.13
181.18	0.18	181.70	0.22	182.22	1.58	182.74	8.29
181.19	0.18	181.71	0.22	182.23	1.67	182.75	8.45
181.20	0.18	181.72	0.22	182.24	1.77	182.76	8.61
181.21	0.18	181.73	0.22	182.25	1.86	182.77	8.77
181.22	0.18	181.74	0.22	182.26	1.96	182.78	8.93
181.23	0.18	181.75	0.22	182.27	2.06	182.79	9.10
181.24	0.18	181.76	0.22	182.28	2.16	182.80	9.26
181.25	0.18	181.77	0.22	182.29	2.26	182.81	9.43
181.26	0.19	181.78	0.22	182.30	2.37	182.82	9.59
181.27	0.19	181.79	0.22	182.31	2.47	182.83	9.76
181.28	0.19	181.80	0.22	182.32	2.58	182.84	9.92
181.29	0.19	181.81	0.22	182.33	2.69	182.85	10.09
181.30	0.19	181.82	0.22	182.34	2.80	182.86	10.26
181.31	0.19	181.83	0.22	182.35	2.91	182.87	10.43
181.32	0.19	181.84	0.22	182.36	3.03	182.88	10.60
181.33	0.19	181.85	0.22	182.37	3.14	182.89	10.77
181.34	0.19	181.86	0.22	182.38	3.26	182.90	10.95
181.35	0.19	181.87	0.23	182.39	3.38	182.91	11.12
181.36	0.19	181.88	0.23	182.40	3.50	182.92	11.29
181.37	0.19	181.89	0.23	182.41	3.62	182.93	11.47
181.38	0.19	181.90	0.23	182.42	3.74	182.94	11.64
181.39	0.19	181.91	0.23	182.43	3.87	182.95	11.82
181.40	0.20	181.92	0.23	182.44	3.99	182.96	12.11
181.41	0.20	181.93	0.23	182.45	4.12	182.97	12.50
181.42	0.20	181.94	0.23	182.46	4.25	182.98	12.96
181.43	0.20	181.95	0.23	182.47	4.37	182.99	13.47
181.44	0.20	181.96	0.23	182.48	4.50	183.00	14.02
181.45	0.20	181.97	0.23	182.49	4.64		
181.46	0.20	181.98	0.23	182.50	4.77		
181.47	0.20	181.99	0.23	182.51	4.90		
181.48	0.20	182.00	0.23	182.52	5.04		
181.49	0.20	182.01	0.25	182.53	5.18		
181.50	0.20	182.02	0.27	182.54	5.31		
181.51	0.20	182.03	0.30	182.55	5.45		
181.52	0.20	182.04	0.34	182.56	5.59		
181.53	0.20	182.05	0.38	182.57	5.73		
181.54	0.20	182.06	0.43	182.58	5.87		
181.55	0.21	182.07	0.48	182.59	6.02		
181.56	0.21	182.08	0.53	182.60	6.16		
181.57	0.21	182.09	0.59	182.61	6.31		
181.58	0.21	182.10	0.65	182.62	6.45		
181.59	0.21	182.11	0.71	182.63	6.60		

Stage-Area-Storage for Pond B-10: Basin #10

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	4,220	0	179.52	4,627	2,300
179.01	4,228	42	179.53	4,635	2,347
179.02	4,236	85	179.54	4,643	2,393
179.03	4,243	127	179.55	4,651	2,439
179.04	4,251	169	179.56	4,658	2,486
179.05	4,259	212	179.57	4,666	2,533
179.06	4,267	255	179.58	4,674	2,579
179.07	4,275	297	179.59	4,682	2,626
179.08	4,283	340	179.60	4,690	2,673
179.09	4,290	383	179.61	4,698	2,720
179.10	4,298	426	179.62	4,705	2,767
179.11	4,306	469	179.63	4,713	2,814
179.12	4,314	512	179.64	4,721	2,861
179.13	4,322	555	179.65	4,729	2,908
179.14	4,330	598	179.66	4,737	2,956
179.15	4,337	642	179.67	4,745	3,003
179.16	4,345	685	179.68	4,752	3,051
179.17	4,353	729	179.69	4,760	3,098
179.18	4,361	772	179.70	4,768	3,146
179.19	4,369	816	179.71	4,776	3,194
179.20	4,377	860	179.72	4,784	3,241
179.21	4,384	903	179.73	4,792	3,289
179.22	4,392	947	179.74	4,799	3,337
179.23	4,400	991	179.75	4,807	3,385
179.24	4,408	1,035	179.76	4,815	3,433
179.25	4,416	1,079	179.77	4,823	3,482
179.26	4,424	1,124	179.78	4,831	3,530
179.27	4,431	1,168	179.79	4,839	3,578
179.28	4,439	1,212	179.80	4,846	3,627
179.29	4,447	1,257	179.81	4,854	3,675
179.30	4,455	1,301	179.82	4,862	3,724
179.31	4,463	1,346	179.83	4,870	3,772
179.32	4,471	1,390	179.84	4,878	3,821
179.33	4,478	1,435	179.85	4,886	3,870
179.34	4,486	1,480	179.86	4,893	3,919
179.35	4,494	1,525	179.87	4,901	3,968
179.36	4,502	1,570	179.88	4,909	4,017
179.37	4,510	1,615	179.89	4,917	4,066
179.38	4,518	1,660	179.90	4,925	4,115
179.39	4,525	1,705	179.91	4,933	4,164
179.40	4,533	1,751	179.92	4,940	4,214
179.41	4,541	1,796	179.93	4,948	4,263
179.42	4,549	1,841	179.94	4,956	4,313
179.43	4,557	1,887	179.95	4,964	4,362
179.44	4,565	1,933	179.96	4,972	4,412
179.45	4,572	1,978	179.97	4,980	4,462
179.46	4,580	2,024	179.98	4,987	4,512
179.47	4,588	2,070	179.99	4,995	4,562
179.48	4,596	2,116	180.00	5,003	4,612
179.49	4,604	2,162	180.01	5,011	4,662
179.50	4,612	2,208	180.02	5,020	4,712
179.51	4,619	2,254	180.03	5,028	4,762

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	5,036	4,812	180.56	5,468	7,543
180.05	5,045	4,863	180.57	5,476	7,598
180.06	5,053	4,913	180.58	5,484	7,653
180.07	5,061	4,964	180.59	5,493	7,708
180.08	5,069	5,014	180.60	5,501	7,763
180.09	5,078	5,065	180.61	5,509	7,818
180.10	5,086	5,116	180.62	5,518	7,873
180.11	5,094	5,167	180.63	5,526	7,928
180.12	5,103	5,218	180.64	5,534	7,983
180.13	5,111	5,269	180.65	5,543	8,039
180.14	5,119	5,320	180.66	5,551	8,094
180.15	5,128	5,371	180.67	5,559	8,150
180.16	5,136	5,423	180.68	5,567	8,205
180.17	5,144	5,474	180.69	5,576	8,261
180.18	5,152	5,525	180.70	5,584	8,317
180.19	5,161	5,577	180.71	5,592	8,373
180.20	5,169	5,629	180.72	5,601	8,429
180.21	5,177	5,680	180.73	5,609	8,485
180.22	5,186	5,732	180.74	5,617	8,541
180.23	5,194	5,784	180.75	5,626	8,597
180.24	5,202	5,836	180.76	5,634	8,653
180.25	5,211	5,888	180.77	5,642	8,710
180.26	5,219	5,940	180.78	5,650	8,766
180.27	5,227	5,993	180.79	5,659	8,823
180.28	5,235	6,045	180.80	5,667	8,880
180.29	5,244	6,097	180.81	5,675	8,936
180.30	5,252	6,150	180.82	5,684	8,993
180.31	5,260	6,202	180.83	5,692	9,050
180.32	5,269	6,255	180.84	5,700	9,107
180.33	5,277	6,308	180.85	5,708	9,164
180.34	5,285	6,360	180.86	5,717	9,221
180.35	5,293	6,413	180.87	5,725	9,278
180.36	5,302	6,466	180.88	5,733	9,336
180.37	5,310	6,519	180.89	5,742	9,393
180.38	5,318	6,573	180.90	5,750	9,450
180.39	5,327	6,626	180.91	5,758	9,508
180.40	5,335	6,679	180.92	5,767	9,566
180.41	5,343	6,732	180.93	5,775	9,623
180.42	5,352	6,786	180.94	5,783	9,681
180.43	5,360	6,840	180.95	5,791	9,739
180.44	5,368	6,893	180.96	5,800	9,797
180.45	5,376	6,947	180.97	5,808	9,855
180.46	5,385	7,001	180.98	5,816	9,913
180.47	5,393	7,055	180.99	5,825	9,971
180.48	5,401	7,109	181.00	5,833	10,030
180.49	5,410	7,163	181.01	5,842	10,088
180.50	5,418	7,217	181.02	5,851	10,146
180.51	5,426	7,271	181.03	5,859	10,205
180.52	5,435	7,325	181.04	5,868	10,264
180.53	5,443	7,380	181.05	5,877	10,322
180.54	5,451	7,434	181.06	5,886	10,381
180.55	5,460	7,489	181.07	5,894	10,440

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	5,903	10,499	181.60	6,359	13,687
181.09	5,912	10,558	181.61	6,368	13,751
181.10	5,921	10,617	181.62	6,377	13,815
181.11	5,929	10,676	181.63	6,386	13,878
181.12	5,938	10,736	181.64	6,394	13,942
181.13	5,947	10,795	181.65	6,403	14,006
181.14	5,956	10,855	181.66	6,412	14,070
181.15	5,965	10,914	181.67	6,421	14,134
181.16	5,973	10,974	181.68	6,429	14,199
181.17	5,982	11,034	181.69	6,438	14,263
181.18	5,991	11,094	181.70	6,447	14,327
181.19	6,000	11,154	181.71	6,456	14,392
181.20	6,008	11,214	181.72	6,464	14,457
181.21	6,017	11,274	181.73	6,473	14,521
181.22	6,026	11,334	181.74	6,482	14,586
181.23	6,035	11,394	181.75	6,491	14,651
181.24	6,043	11,455	181.76	6,500	14,716
181.25	6,052	11,515	181.77	6,508	14,781
181.26	6,061	11,576	181.78	6,517	14,846
181.27	6,070	11,636	181.79	6,526	14,911
181.28	6,079	11,697	181.80	6,535	14,977
181.29	6,087	11,758	181.81	6,543	15,042
181.30	6,096	11,819	181.82	6,552	15,107
181.31	6,105	11,880	181.83	6,561	15,173
181.32	6,114	11,941	181.84	6,570	15,239
181.33	6,122	12,002	181.85	6,578	15,304
181.34	6,131	12,063	181.86	6,587	15,370
181.35	6,140	12,125	181.87	6,596	15,436
181.36	6,149	12,186	181.88	6,605	15,502
181.37	6,157	12,248	181.89	6,614	15,568
181.38	6,166	12,309	181.90	6,622	15,634
181.39	6,175	12,371	181.91	6,631	15,701
181.40	6,184	12,433	181.92	6,640	15,767
181.41	6,193	12,495	181.93	6,649	15,833
181.42	6,201	12,557	181.94	6,657	15,900
181.43	6,210	12,619	181.95	6,666	15,967
181.44	6,219	12,681	181.96	6,675	16,033
181.45	6,228	12,743	181.97	6,684	16,100
181.46	6,236	12,805	181.98	6,692	16,167
181.47	6,245	12,868	181.99	6,701	16,234
181.48	6,254	12,930	182.00	6,710	16,301
181.49	6,263	12,993	182.01	6,719	16,368
181.50	6,272	13,056	182.02	6,728	16,435
181.51	6,280	13,118	182.03	6,738	16,503
181.52	6,289	13,181	182.04	6,747	16,570
181.53	6,298	13,244	182.05	6,756	16,638
181.54	6,307	13,307	182.06	6,765	16,705
181.55	6,315	13,370	182.07	6,775	16,773
181.56	6,324	13,433	182.08	6,784	16,841
181.57	6,333	13,497	182.09	6,793	16,909
181.58	6,342	13,560	182.10	6,802	16,977
181.59	6,350	13,624	182.11	6,812	17,045

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	6,821	17,113	182.64	7,301	20,784
182.13	6,830	17,181	182.65	7,310	20,857
182.14	6,839	17,249	182.66	7,319	20,931
182.15	6,848	17,318	182.67	7,328	21,004
182.16	6,858	17,386	182.68	7,338	21,077
182.17	6,867	17,455	182.69	7,347	21,151
182.18	6,876	17,524	182.70	7,356	21,224
182.19	6,885	17,593	182.71	7,365	21,298
182.20	6,895	17,661	182.72	7,375	21,371
182.21	6,904	17,730	182.73	7,384	21,445
182.22	6,913	17,800	182.74	7,393	21,519
182.23	6,922	17,869	182.75	7,402	21,593
182.24	6,932	17,938	182.76	7,411	21,667
182.25	6,941	18,007	182.77	7,421	21,741
182.26	6,950	18,077	182.78	7,430	21,816
182.27	6,959	18,146	182.79	7,439	21,890
182.28	6,968	18,216	182.80	7,448	21,964
182.29	6,978	18,286	182.81	7,458	22,039
182.30	6,987	18,356	182.82	7,467	22,114
182.31	6,996	18,425	182.83	7,476	22,188
182.32	7,005	18,495	182.84	7,485	22,263
182.33	7,015	18,566	182.85	7,495	22,338
182.34	7,024	18,636	182.86	7,504	22,413
182.35	7,033	18,706	182.87	7,513	22,488
182.36	7,042	18,776	182.88	7,522	22,563
182.37	7,052	18,847	182.89	7,531	22,638
182.38	7,061	18,917	182.90	7,541	22,714
182.39	7,070	18,988	182.91	7,550	22,789
182.40	7,079	19,059	182.92	7,559	22,865
182.41	7,088	19,130	182.93	7,568	22,940
182.42	7,098	19,201	182.94	7,578	23,016
182.43	7,107	19,272	182.95	7,587	23,092
182.44	7,116	19,343	182.96	7,596	23,168
182.45	7,125	19,414	182.97	7,605	23,244
182.46	7,135	19,485	182.98	7,615	23,320
182.47	7,144	19,557	182.99	7,624	23,396
182.48	7,153	19,628	183.00	7,633	23,473
182.49	7,162	19,700			
182.50	7,172	19,771			
182.51	7,181	19,843			
182.52	7,190	19,915			
182.53	7,199	19,987			
182.54	7,208	20,059			
182.55	7,218	20,131			
182.56	7,227	20,203			
182.57	7,236	20,276			
182.58	7,245	20,348			
182.59	7,255	20,421			
182.60	7,264	20,493			
182.61	7,273	20,566			
182.62	7,282	20,639			
182.63	7,291	20,711			

Summary for Pond B-11: Basin #11

Inflow Area = 2.228 ac, 58.53% Impervious, Inflow Depth = 2.73" for Future 2 yr event
 Inflow = 6.05 cfs @ 12.17 hrs, Volume= 0.507 af
 Outflow = 0.21 cfs @ 15.23 hrs, Volume= 0.360 af, Atten= 97%, Lag= 183.4 min
 Primary = 0.21 cfs @ 15.23 hrs, Volume= 0.360 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.74' @ 15.23 hrs Surf.Area= 6,916 sf Storage= 15,926 cf

Plug-Flow detention time= 740.2 min calculated for 0.359 af (71% of inflow)
 Center-of-Mass det. time= 642.1 min (1,422.3 - 780.2)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	43,224 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	4,780	0	0
181.00	5,522	5,151	5,151
182.00	6,306	5,914	11,065
183.00	7,135	6,721	17,786
184.00	8,007	7,571	25,357
185.00	8,923	8,465	33,822
186.00	9,882	9,403	43,224

Device	Routing	Invert	Outlet Devices
#1	Primary	178.65'	18.0" Round Culvert L= 131.0' Ke= 0.500 Inlet / Outlet Invert= 178.65' / 178.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	183.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

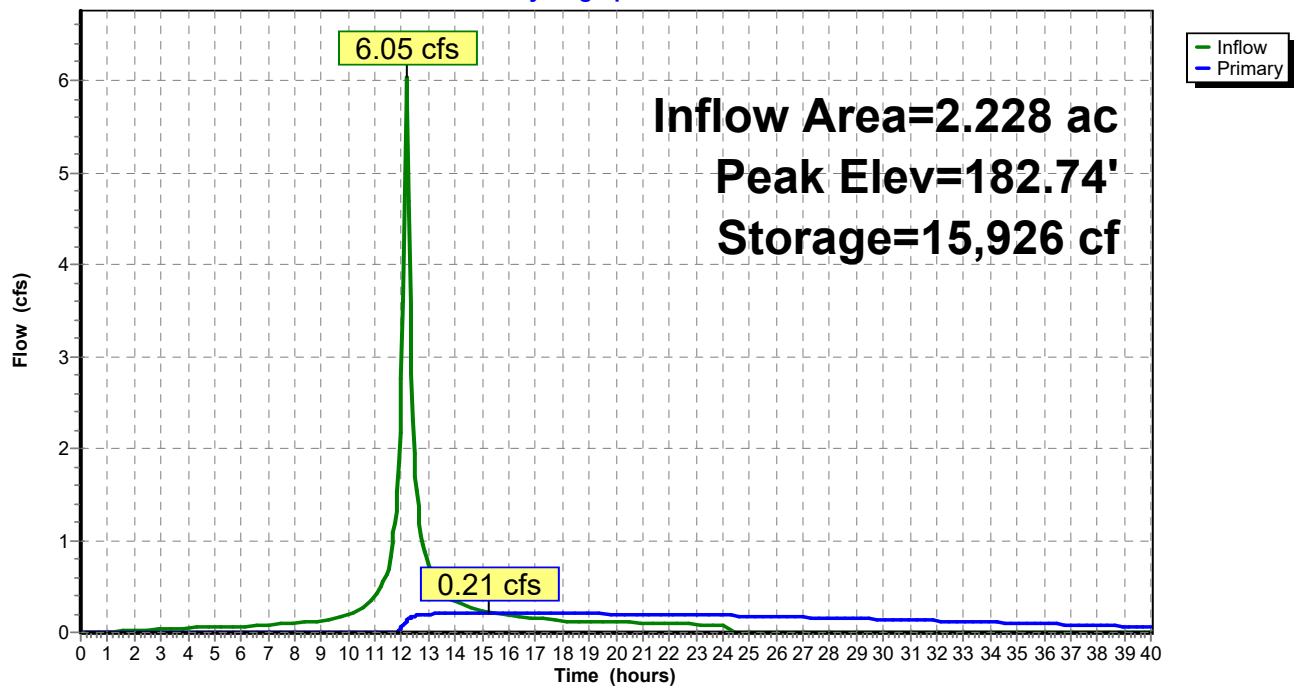
Primary OutFlow Max=0.21 cfs @ 15.23 hrs HW=182.74' (Free Discharge)

- 1=Culvert (Passes 0.21 cfs of 12.92 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.15 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-11: Basin #11

Hydrograph



Hydrograph for Pond B-11: Basin #11

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	2	180.00	0.00
1.40	0.01	3	180.00	0.00
1.50	0.01	6	180.00	0.00
1.60	0.01	9	180.00	0.00
1.70	0.01	13	180.00	0.00
1.80	0.01	18	180.00	0.00
1.90	0.02	24	180.00	0.00
2.00	0.02	30	180.01	0.00
2.10	0.02	37	180.01	0.00
2.20	0.02	44	180.01	0.00
2.30	0.02	52	180.01	0.00
2.40	0.02	61	180.01	0.00
2.50	0.03	70	180.01	0.00
2.60	0.03	80	180.02	0.00
2.70	0.03	90	180.02	0.00
2.80	0.03	101	180.02	0.00
2.90	0.03	112	180.02	0.00
3.00	0.03	124	180.03	0.00
3.10	0.03	136	180.03	0.00
3.20	0.04	149	180.03	0.00
3.30	0.04	162	180.03	0.00
3.40	0.04	176	180.04	0.00
3.50	0.04	190	180.04	0.00
3.60	0.04	205	180.04	0.00
3.70	0.04	220	180.05	0.00
3.80	0.04	235	180.05	0.00
3.90	0.04	251	180.05	0.00
4.00	0.05	267	180.06	0.00
4.10	0.05	284	180.06	0.00
4.20	0.05	301	180.06	0.00
4.30	0.05	319	180.07	0.00
4.40	0.05	337	180.07	0.00
4.50	0.05	355	180.07	0.00
4.60	0.05	373	180.08	0.00
4.70	0.05	392	180.08	0.00
4.80	0.05	412	180.09	0.00
4.90	0.06	431	180.09	0.00
5.00	0.06	451	180.09	0.00
5.10	0.06	472	180.10	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	492	180.10	0.00
5.30	0.06	513	180.11	0.00
5.40	0.06	535	180.11	0.00
5.50	0.06	556	180.12	0.00
5.60	0.06	578	180.12	0.00
5.70	0.06	601	180.12	0.00
5.80	0.06	623	180.13	0.00
5.90	0.06	646	180.13	0.00
6.00	0.06	670	180.14	0.00
6.10	0.07	693	180.14	0.00
6.20	0.07	717	180.15	0.00
6.30	0.07	742	180.15	0.00
6.40	0.07	768	180.16	0.00
6.50	0.07	794	180.16	0.00
6.60	0.08	821	180.17	0.00
6.70	0.08	849	180.18	0.00
6.80	0.08	877	180.18	0.00
6.90	0.08	906	180.19	0.00
7.00	0.08	937	180.19	0.00
7.10	0.09	967	180.20	0.00
7.20	0.09	999	180.21	0.00
7.30	0.09	1,031	180.21	0.00
7.40	0.09	1,065	180.22	0.00
7.50	0.10	1,099	180.23	0.00
7.60	0.10	1,133	180.23	0.00
7.70	0.10	1,169	180.24	0.00
7.80	0.10	1,205	180.25	0.00
7.90	0.10	1,242	180.25	0.00
8.00	0.11	1,280	180.26	0.00
8.10	0.11	1,319	180.27	0.00
8.20	0.11	1,358	180.28	0.00
8.30	0.11	1,398	180.29	0.00
8.40	0.11	1,439	180.29	0.00
8.50	0.12	1,481	180.30	0.00
8.60	0.12	1,524	180.31	0.00
8.70	0.12	1,567	180.32	0.00
8.80	0.12	1,611	180.33	0.00
8.90	0.13	1,656	180.34	0.00
9.00	0.13	1,702	180.35	0.00
9.10	0.13	1,749	180.36	0.00
9.20	0.14	1,797	180.37	0.00
9.30	0.14	1,848	180.38	0.00
9.40	0.15	1,902	180.39	0.00
9.50	0.16	1,958	180.40	0.00
9.60	0.17	2,017	180.41	0.00
9.70	0.17	2,078	180.42	0.00
9.80	0.18	2,143	180.43	0.00
9.90	0.19	2,210	180.45	0.00
10.00	0.20	2,279	180.46	0.00
10.10	0.21	2,352	180.47	0.00
10.20	0.21	2,427	180.49	0.00
10.30	0.22	2,506	180.50	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.23	2,588	180.52	0.00
10.50	0.24	2,673	180.54	0.00
10.60	0.26	2,762	180.55	0.00
10.70	0.28	2,859	180.57	0.00
10.80	0.31	2,967	180.59	0.00
10.90	0.35	3,086	180.62	0.00
11.00	0.38	3,217	180.64	0.00
11.10	0.42	3,362	180.67	0.00
11.20	0.48	3,524	180.70	0.00
11.30	0.54	3,707	180.73	0.00
11.40	0.61	3,914	180.77	0.00
11.50	0.67	4,145	180.82	0.00
11.60	0.82	4,409	180.86	0.00
11.70	1.09	4,754	180.93	0.00
11.80	1.33	5,184	181.01	0.00
11.90	1.81	5,738	181.11	0.02
12.00	2.77	6,527	181.24	0.06
12.10	4.77	7,825	181.47	0.10
12.20	5.85	9,806	181.80	0.14
12.30	3.57	11,443	182.06	0.16
12.40	2.31	12,420	182.21	0.17
12.50	1.70	13,066	182.31	0.18
12.60	1.38	13,558	182.39	0.19
12.70	1.05	13,923	182.44	0.19
12.80	0.90	14,202	182.48	0.19
12.90	0.81	14,441	182.52	0.20
13.00	0.73	14,649	182.55	0.20
13.10	0.66	14,829	182.58	0.20
13.20	0.59	14,981	182.60	0.20
13.30	0.54	15,112	182.62	0.20
13.40	0.50	15,226	182.63	0.20
13.50	0.46	15,324	182.65	0.20
13.60	0.41	15,407	182.66	0.20
13.70	0.38	15,476	182.67	0.21
13.80	0.36	15,536	182.68	0.21
13.90	0.35	15,590	182.69	0.21
14.00	0.34	15,640	182.69	0.21
14.10	0.33	15,686	182.70	0.21
14.20	0.32	15,728	182.71	0.21
14.30	0.31	15,766	182.71	0.21
14.40	0.30	15,799	182.72	0.21
14.50	0.29	15,829	182.72	0.21
14.60	0.28	15,855	182.72	0.21
14.70	0.26	15,877	182.73	0.21
14.80	0.25	15,894	182.73	0.21
14.90	0.24	15,908	182.73	0.21
15.00	0.23	15,918	182.73	0.21
15.10	0.22	15,924	182.73	0.21
15.20	0.21	15,926	182.74	0.21
15.30	0.21	15,925	182.74	0.21
15.40	0.20	15,924	182.73	0.21
15.50	0.20	15,921	182.73	0.21

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	15,917	182.73	0.21
15.70	0.19	15,912	182.73	0.21
15.80	0.19	15,906	182.73	0.21
15.90	0.19	15,899	182.73	0.21
16.00	0.19	15,891	182.73	0.21
16.10	0.18	15,882	182.73	0.21
16.20	0.18	15,872	182.73	0.21
16.30	0.18	15,862	182.73	0.21
16.40	0.17	15,850	182.72	0.21
16.50	0.17	15,837	182.72	0.21
16.60	0.17	15,823	182.72	0.21
16.70	0.17	15,808	182.72	0.21
16.80	0.16	15,792	182.72	0.21
16.90	0.16	15,775	182.71	0.21
17.00	0.16	15,757	182.71	0.21
17.10	0.15	15,738	182.71	0.21
17.20	0.15	15,718	182.71	0.21
17.30	0.15	15,697	182.70	0.21
17.40	0.14	15,675	182.70	0.21
17.50	0.14	15,652	182.70	0.21
17.60	0.14	15,629	182.69	0.21
17.70	0.14	15,604	182.69	0.21
17.80	0.13	15,578	182.68	0.21
17.90	0.13	15,551	182.68	0.21
18.00	0.13	15,524	182.68	0.21
18.10	0.12	15,495	182.67	0.21
18.20	0.12	15,465	182.67	0.21
18.30	0.12	15,435	182.66	0.20
18.40	0.12	15,405	182.66	0.20
18.50	0.12	15,374	182.66	0.20
18.60	0.12	15,343	182.65	0.20
18.70	0.12	15,312	182.65	0.20
18.80	0.12	15,281	182.64	0.20
18.90	0.12	15,250	182.64	0.20
19.00	0.12	15,219	182.63	0.20
19.10	0.11	15,187	182.63	0.20
19.20	0.11	15,156	182.62	0.20
19.30	0.11	15,124	182.62	0.20
19.40	0.11	15,092	182.61	0.20
19.50	0.11	15,060	182.61	0.20
19.60	0.11	15,028	182.60	0.20
19.70	0.11	14,995	182.60	0.20
19.80	0.11	14,963	182.59	0.20
19.90	0.11	14,930	182.59	0.20
20.00	0.11	14,898	182.59	0.20
20.10	0.11	14,865	182.58	0.20
20.20	0.11	14,831	182.58	0.20
20.30	0.11	14,798	182.57	0.20
20.40	0.11	14,765	182.57	0.20
20.50	0.10	14,731	182.56	0.20
20.60	0.10	14,698	182.56	0.20
20.70	0.10	14,664	182.55	0.20

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	14,630	182.55	0.20
20.90	0.10	14,596	182.54	0.20
21.00	0.10	14,562	182.54	0.20
21.10	0.10	14,527	182.53	0.20
21.20	0.10	14,493	182.53	0.20
21.30	0.10	14,458	182.52	0.20
21.40	0.10	14,423	182.52	0.19
21.50	0.10	14,389	182.51	0.19
21.60	0.10	14,353	182.50	0.19
21.70	0.10	14,318	182.50	0.19
21.80	0.10	14,283	182.49	0.19
21.90	0.09	14,248	182.49	0.19
22.00	0.09	14,212	182.48	0.19
22.10	0.09	14,176	182.48	0.19
22.20	0.09	14,140	182.47	0.19
22.30	0.09	14,105	182.47	0.19
22.40	0.09	14,068	182.46	0.19
22.50	0.09	14,032	182.46	0.19
22.60	0.09	13,996	182.45	0.19
22.70	0.09	13,959	182.45	0.19
22.80	0.09	13,923	182.44	0.19
22.90	0.09	13,886	182.43	0.19
23.00	0.09	13,849	182.43	0.19
23.10	0.09	13,812	182.42	0.19
23.20	0.08	13,775	182.42	0.19
23.30	0.08	13,738	182.41	0.19
23.40	0.08	13,700	182.41	0.19
23.50	0.08	13,663	182.40	0.19
23.60	0.08	13,625	182.40	0.19
23.70	0.08	13,588	182.39	0.19
23.80	0.08	13,550	182.38	0.19
23.90	0.08	13,512	182.38	0.19
24.00	0.08	13,474	182.37	0.18
24.10	0.07	13,437	182.37	0.18
24.20	0.02	13,387	182.36	0.18
24.30	0.00	13,325	182.35	0.18
24.40	0.00	13,260	182.34	0.18
24.50	0.00	13,194	182.33	0.18
24.60	0.00	13,129	182.32	0.18
24.70	0.00	13,064	182.31	0.18
24.80	0.00	12,999	182.30	0.18
24.90	0.00	12,935	182.29	0.18
25.00	0.00	12,870	182.28	0.18
25.10	0.00	12,806	182.27	0.18
25.20	0.00	12,743	182.26	0.18
25.30	0.00	12,679	182.25	0.18
25.40	0.00	12,616	182.24	0.18
25.50	0.00	12,553	182.23	0.17
25.60	0.00	12,491	182.22	0.17
25.70	0.00	12,428	182.21	0.17
25.80	0.00	12,366	182.20	0.17
25.90	0.00	12,304	182.19	0.17

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,243	182.18	0.17
26.10	0.00	12,182	182.18	0.17
26.20	0.00	12,121	182.17	0.17
26.30	0.00	12,060	182.16	0.17
26.40	0.00	11,999	182.15	0.17
26.50	0.00	11,939	182.14	0.17
26.60	0.00	11,879	182.13	0.17
26.70	0.00	11,820	182.12	0.17
26.80	0.00	11,760	182.11	0.16
26.90	0.00	11,701	182.10	0.16
27.00	0.00	11,642	182.09	0.16
27.10	0.00	11,584	182.08	0.16
27.20	0.00	11,525	182.07	0.16
27.30	0.00	11,467	182.06	0.16
27.40	0.00	11,410	182.05	0.16
27.50	0.00	11,352	182.05	0.16
27.60	0.00	11,295	182.04	0.16
27.70	0.00	11,238	182.03	0.16
27.80	0.00	11,181	182.02	0.16
27.90	0.00	11,125	182.01	0.16
28.00	0.00	11,069	182.00	0.16
28.10	0.00	11,013	181.99	0.15
28.20	0.00	10,958	181.98	0.15
28.30	0.00	10,902	181.97	0.15
28.40	0.00	10,847	181.97	0.15
28.50	0.00	10,793	181.96	0.15
28.60	0.00	10,738	181.95	0.15
28.70	0.00	10,684	181.94	0.15
28.80	0.00	10,630	181.93	0.15
28.90	0.00	10,577	181.92	0.15
29.00	0.00	10,524	181.91	0.15
29.10	0.00	10,471	181.91	0.15
29.20	0.00	10,418	181.90	0.15
29.30	0.00	10,365	181.89	0.15
29.40	0.00	10,313	181.88	0.14
29.50	0.00	10,261	181.87	0.14
29.60	0.00	10,210	181.86	0.14
29.70	0.00	10,158	181.85	0.14
29.80	0.00	10,107	181.85	0.14
29.90	0.00	10,057	181.84	0.14
30.00	0.00	10,006	181.83	0.14
30.10	0.00	9,956	181.82	0.14
30.20	0.00	9,906	181.81	0.14
30.30	0.00	9,856	181.81	0.14
30.40	0.00	9,807	181.80	0.14
30.50	0.00	9,758	181.79	0.14
30.60	0.00	9,709	181.78	0.14
30.70	0.00	9,661	181.77	0.13
30.80	0.00	9,612	181.77	0.13
30.90	0.00	9,564	181.76	0.13
31.00	0.00	9,517	181.75	0.13
31.10	0.00	9,469	181.74	0.13

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,422	181.74	0.13
31.30	0.00	9,376	181.73	0.13
31.40	0.00	9,329	181.72	0.13
31.50	0.00	9,283	181.71	0.13
31.60	0.00	9,237	181.70	0.13
31.70	0.00	9,191	181.70	0.13
31.80	0.00	9,146	181.69	0.13
31.90	0.00	9,101	181.68	0.12
32.00	0.00	9,056	181.67	0.12
32.10	0.00	9,012	181.67	0.12
32.20	0.00	8,967	181.66	0.12
32.30	0.00	8,924	181.65	0.12
32.40	0.00	8,880	181.65	0.12
32.50	0.00	8,837	181.64	0.12
32.60	0.00	8,794	181.63	0.12
32.70	0.00	8,751	181.62	0.12
32.80	0.00	8,708	181.62	0.12
32.90	0.00	8,666	181.61	0.12
33.00	0.00	8,624	181.60	0.12
33.10	0.00	8,583	181.60	0.12
33.20	0.00	8,541	181.59	0.11
33.30	0.00	8,500	181.58	0.11
33.40	0.00	8,460	181.58	0.11
33.50	0.00	8,419	181.57	0.11
33.60	0.00	8,379	181.56	0.11
33.70	0.00	8,339	181.56	0.11
33.80	0.00	8,300	181.55	0.11
33.90	0.00	8,261	181.54	0.11
34.00	0.00	8,222	181.54	0.11
34.10	0.00	8,183	181.53	0.11
34.20	0.00	8,145	181.52	0.11
34.30	0.00	8,107	181.52	0.11
34.40	0.00	8,069	181.51	0.10
34.50	0.00	8,031	181.50	0.10
34.60	0.00	7,994	181.50	0.10
34.70	0.00	7,957	181.49	0.10
34.80	0.00	7,921	181.48	0.10
34.90	0.00	7,884	181.48	0.10
35.00	0.00	7,848	181.47	0.10
35.10	0.00	7,813	181.47	0.10
35.20	0.00	7,777	181.46	0.10
35.30	0.00	7,742	181.45	0.10
35.40	0.00	7,707	181.45	0.10
35.50	0.00	7,673	181.44	0.10
35.60	0.00	7,639	181.44	0.09
35.70	0.00	7,605	181.43	0.09
35.80	0.00	7,571	181.43	0.09
35.90	0.00	7,538	181.42	0.09
36.00	0.00	7,505	181.41	0.09
36.10	0.00	7,472	181.41	0.09
36.20	0.00	7,440	181.40	0.09
36.30	0.00	7,408	181.40	0.09

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,376	181.39	0.09
36.50	0.00	7,344	181.39	0.09
36.60	0.00	7,313	181.38	0.09
36.70	0.00	7,282	181.38	0.09
36.80	0.00	7,251	181.37	0.08
36.90	0.00	7,221	181.37	0.08
37.00	0.00	7,191	181.36	0.08
37.10	0.00	7,161	181.36	0.08
37.20	0.00	7,132	181.35	0.08
37.30	0.00	7,103	181.34	0.08
37.40	0.00	7,074	181.34	0.08
37.50	0.00	7,046	181.34	0.08
37.60	0.00	7,017	181.33	0.08
37.70	0.00	6,990	181.33	0.08
37.80	0.00	6,962	181.32	0.08
37.90	0.00	6,935	181.32	0.08
38.00	0.00	6,908	181.31	0.07
38.10	0.00	6,881	181.31	0.07
38.20	0.00	6,855	181.30	0.07
38.30	0.00	6,828	181.30	0.07
38.40	0.00	6,803	181.29	0.07
38.50	0.00	6,777	181.29	0.07
38.60	0.00	6,752	181.28	0.07
38.70	0.00	6,727	181.28	0.07
38.80	0.00	6,703	181.28	0.07
38.90	0.00	6,679	181.27	0.07
39.00	0.00	6,655	181.27	0.07
39.10	0.00	6,631	181.26	0.07
39.20	0.00	6,607	181.26	0.06
39.30	0.00	6,584	181.25	0.06
39.40	0.00	6,562	181.25	0.06
39.50	0.00	6,539	181.25	0.06
39.60	0.00	6,517	181.24	0.06
39.70	0.00	6,495	181.24	0.06
39.80	0.00	6,474	181.24	0.06
39.90	0.00	6,453	181.23	0.06
40.00	0.00	6,432	181.23	0.06

Stage-Discharge for Pond B-11: Basin #11

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.11
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.11
180.02	0.00	180.54	0.00	181.06	0.01	181.58	0.11
180.03	0.00	180.55	0.00	181.07	0.01	181.59	0.11
180.04	0.00	180.56	0.00	181.08	0.01	181.60	0.12
180.05	0.00	180.57	0.00	181.09	0.01	181.61	0.12
180.06	0.00	180.58	0.00	181.10	0.02	181.62	0.12
180.07	0.00	180.59	0.00	181.11	0.02	181.63	0.12
180.08	0.00	180.60	0.00	181.12	0.02	181.64	0.12
180.09	0.00	180.61	0.00	181.13	0.03	181.65	0.12
180.10	0.00	180.62	0.00	181.14	0.03	181.66	0.12
180.11	0.00	180.63	0.00	181.15	0.03	181.67	0.12
180.12	0.00	180.64	0.00	181.16	0.04	181.68	0.12
180.13	0.00	180.65	0.00	181.17	0.04	181.69	0.13
180.14	0.00	180.66	0.00	181.18	0.05	181.70	0.13
180.15	0.00	180.67	0.00	181.19	0.05	181.71	0.13
180.16	0.00	180.68	0.00	181.20	0.05	181.72	0.13
180.17	0.00	180.69	0.00	181.21	0.05	181.73	0.13
180.18	0.00	180.70	0.00	181.22	0.06	181.74	0.13
180.19	0.00	180.71	0.00	181.23	0.06	181.75	0.13
180.20	0.00	180.72	0.00	181.24	0.06	181.76	0.13
180.21	0.00	180.73	0.00	181.25	0.06	181.77	0.13
180.22	0.00	180.74	0.00	181.26	0.06	181.78	0.13
180.23	0.00	180.75	0.00	181.27	0.07	181.79	0.14
180.24	0.00	180.76	0.00	181.28	0.07	181.80	0.14
180.25	0.00	180.77	0.00	181.29	0.07	181.81	0.14
180.26	0.00	180.78	0.00	181.30	0.07	181.82	0.14
180.27	0.00	180.79	0.00	181.31	0.07	181.83	0.14
180.28	0.00	180.80	0.00	181.32	0.08	181.84	0.14
180.29	0.00	180.81	0.00	181.33	0.08	181.85	0.14
180.30	0.00	180.82	0.00	181.34	0.08	181.86	0.14
180.31	0.00	180.83	0.00	181.35	0.08	181.87	0.14
180.32	0.00	180.84	0.00	181.36	0.08	181.88	0.14
180.33	0.00	180.85	0.00	181.37	0.08	181.89	0.15
180.34	0.00	180.86	0.00	181.38	0.09	181.90	0.15
180.35	0.00	180.87	0.00	181.39	0.09	181.91	0.15
180.36	0.00	180.88	0.00	181.40	0.09	181.92	0.15
180.37	0.00	180.89	0.00	181.41	0.09	181.93	0.15
180.38	0.00	180.90	0.00	181.42	0.09	181.94	0.15
180.39	0.00	180.91	0.00	181.43	0.09	181.95	0.15
180.40	0.00	180.92	0.00	181.44	0.10	181.96	0.15
180.41	0.00	180.93	0.00	181.45	0.10	181.97	0.15
180.42	0.00	180.94	0.00	181.46	0.10	181.98	0.15
180.43	0.00	180.95	0.00	181.47	0.10	181.99	0.15
180.44	0.00	180.96	0.00	181.48	0.10	182.00	0.16
180.45	0.00	180.97	0.00	181.49	0.10	182.01	0.16
180.46	0.00	180.98	0.00	181.50	0.10	182.02	0.16
180.47	0.00	180.99	0.00	181.51	0.10	182.03	0.16
180.48	0.00	181.00	0.00	181.52	0.11	182.04	0.16
180.49	0.00	181.01	0.00	181.53	0.11	182.05	0.16
180.50	0.00	181.02	0.00	181.54	0.11	182.06	0.16
180.51	0.00	181.03	0.00	181.55	0.11	182.07	0.16

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.16	182.60	0.20	183.12	3.12	183.64	10.75
182.09	0.16	182.61	0.20	183.13	3.24	183.65	10.93
182.10	0.16	182.62	0.20	183.14	3.36	183.66	11.10
182.11	0.16	182.63	0.20	183.15	3.48	183.67	11.27
182.12	0.17	182.64	0.20	183.16	3.60	183.68	11.45
182.13	0.17	182.65	0.20	183.17	3.72	183.69	11.62
182.14	0.17	182.66	0.20	183.18	3.85	183.70	11.80
182.15	0.17	182.67	0.21	183.19	3.97	183.71	11.98
182.16	0.17	182.68	0.21	183.20	4.10	183.72	12.16
182.17	0.17	182.69	0.21	183.21	4.23	183.73	12.33
182.18	0.17	182.70	0.21	183.22	4.35	183.74	12.51
182.19	0.17	182.71	0.21	183.23	4.48	183.75	12.69
182.20	0.17	182.72	0.21	183.24	4.62	183.76	12.87
182.21	0.17	182.73	0.21	183.25	4.75	183.77	13.06
182.22	0.17	182.74	0.21	183.26	4.88	183.78	13.24
182.23	0.17	182.75	0.21	183.27	5.02	183.79	13.42
182.24	0.17	182.76	0.22	183.28	5.16	183.80	13.60
182.25	0.18	182.77	0.25	183.29	5.29	183.81	13.79
182.26	0.18	182.78	0.28	183.30	5.43	183.82	13.97
182.27	0.18	182.79	0.32	183.31	5.57	183.83	14.16
182.28	0.18	182.80	0.36	183.32	5.71	183.84	14.35
182.29	0.18	182.81	0.41	183.33	5.85	183.85	14.53
182.30	0.18	182.82	0.46	183.34	6.00	183.86	14.72
182.31	0.18	182.83	0.51	183.35	6.14	183.87	14.91
182.32	0.18	182.84	0.57	183.36	6.29	183.88	15.04
182.33	0.18	182.85	0.63	183.37	6.43	183.89	15.05
182.34	0.18	182.86	0.69	183.38	6.58	183.90	15.07
182.35	0.18	182.87	0.76	183.39	6.73	183.91	15.09
182.36	0.18	182.88	0.83	183.40	6.88	183.92	15.11
182.37	0.18	182.89	0.90	183.41	7.03	183.93	15.12
182.38	0.19	182.90	0.97	183.42	7.18	183.94	15.14
182.39	0.19	182.91	1.05	183.43	7.34	183.95	15.16
182.40	0.19	182.92	1.13	183.44	7.49	183.96	15.29
182.41	0.19	182.93	1.21	183.45	7.64	183.97	15.52
182.42	0.19	182.94	1.30	183.46	7.80	183.98	15.82
182.43	0.19	182.95	1.38	183.47	7.96	183.99	16.16
182.44	0.19	182.96	1.47	183.48	8.11	184.00	16.55
182.45	0.19	182.97	1.56	183.49	8.27	184.01	16.98
182.46	0.19	182.98	1.65	183.50	8.43	184.02	17.45
182.47	0.19	182.99	1.74	183.51	8.59	184.03	17.95
182.48	0.19	183.00	1.84	183.52	8.75	184.04	18.48
182.49	0.19	183.01	1.94	183.53	8.91	184.05	19.04
182.50	0.19	183.02	2.04	183.54	9.08	184.06	19.63
182.51	0.19	183.03	2.14	183.55	9.24	184.07	20.25
182.52	0.20	183.04	2.24	183.56	9.41	184.08	20.89
182.53	0.20	183.05	2.35	183.57	9.57	184.09	21.56
182.54	0.20	183.06	2.45	183.58	9.74	184.10	22.26
182.55	0.20	183.07	2.56	183.59	9.91	184.11	22.97
182.56	0.20	183.08	2.67	183.60	10.07	184.12	23.71
182.57	0.20	183.09	2.78	183.61	10.24	184.13	24.47
182.58	0.20	183.10	2.89	183.62	10.41	184.14	25.25
182.59	0.20	183.11	3.01	183.63	10.58	184.15	26.06

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	26.92	184.68	103.08	185.20	213.99	185.72	356.44
184.17	27.81	184.69	104.90	185.21	216.43	185.73	359.48
184.18	28.73	184.70	106.72	185.22	218.87	185.74	362.53
184.19	29.67	184.71	108.56	185.23	221.33	185.75	365.59
184.20	30.63	184.72	110.41	185.24	223.80	185.76	368.66
184.21	31.62	184.73	112.27	185.25	226.27	185.77	371.74
184.22	32.63	184.74	114.14	185.26	228.76	185.78	374.83
184.23	33.67	184.75	116.03	185.27	231.26	185.79	377.93
184.24	34.74	184.76	117.96	185.28	233.77	185.80	381.05
184.25	35.83	184.77	119.91	185.29	236.28	185.81	384.17
184.26	36.94	184.78	121.87	185.30	238.81	185.82	387.30
184.27	38.08	184.79	123.85	185.31	241.35	185.83	390.45
184.28	39.24	184.80	125.84	185.32	243.90	185.84	393.60
184.29	40.43	184.81	127.84	185.33	246.46	185.85	396.77
184.30	41.64	184.82	129.85	185.34	249.03	185.86	399.94
184.31	42.87	184.83	131.88	185.35	251.61	185.87	403.13
184.32	44.13	184.84	133.92	185.36	254.25	185.88	406.32
184.33	45.41	184.85	135.97	185.37	256.90	185.89	409.53
184.34	46.72	184.86	138.04	185.38	259.55	185.90	412.75
184.35	48.05	184.87	140.12	185.39	262.22	185.91	415.98
184.36	49.44	184.88	142.21	185.40	264.90	185.92	419.21
184.37	50.84	184.89	144.31	185.41	267.59	185.93	422.46
184.38	52.28	184.90	146.43	185.42	270.30	185.94	425.72
184.39	53.74	184.91	148.56	185.43	273.01	185.95	428.99
184.40	55.22	184.92	150.70	185.44	275.73	185.96	432.33
184.41	56.74	184.93	152.86	185.45	278.47	185.97	435.69
184.42	58.28	184.94	155.03	185.46	281.22	185.98	439.05
184.43	59.84	184.95	157.21	185.47	283.97	185.99	442.43
184.44	61.43	184.96	159.34	185.48	286.74	186.00	445.82
184.45	63.05	184.97	161.49	185.49	289.52		
184.46	64.69	184.98	163.66	185.50	292.31		
184.47	66.37	184.99	165.83	185.51	295.11		
184.48	68.06	185.00	168.01	185.52	297.93		
184.49	69.79	185.01	170.20	185.53	300.75		
184.50	71.54	185.02	172.40	185.54	303.58		
184.51	73.32	185.03	174.62	185.55	306.43		
184.52	75.12	185.04	176.84	185.56	309.28		
184.53	76.95	185.05	179.08	185.57	312.15		
184.54	78.81	185.06	181.32	185.58	315.03		
184.55	80.70	185.07	183.58	185.59	317.92		
184.56	82.34	185.08	185.84	185.60	320.82		
184.57	83.99	185.09	188.12	185.61	323.73		
184.58	85.66	185.10	190.40	185.62	326.65		
184.59	87.35	185.11	192.70	185.63	329.58		
184.60	89.04	185.12	195.00	185.64	332.52		
184.61	90.75	185.13	197.32	185.65	335.47		
184.62	92.48	185.14	199.65	185.66	338.44		
184.63	94.21	185.15	201.98	185.67	341.41		
184.64	95.96	185.16	204.36	185.68	344.40		
184.65	97.72	185.17	206.75	185.69	347.39		
184.66	99.50	185.18	209.16	185.70	350.40		
184.67	101.28	185.19	211.57	185.71	353.42		

Stage-Area-Storage for Pond B-11: Basin #11

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	4,780	0	180.52	5,166	2,586
180.01	4,787	48	180.53	5,173	2,638
180.02	4,795	96	180.54	5,181	2,689
180.03	4,802	144	180.55	5,188	2,741
180.04	4,810	192	180.56	5,196	2,793
180.05	4,817	240	180.57	5,203	2,845
180.06	4,825	288	180.58	5,210	2,897
180.07	4,832	336	180.59	5,218	2,949
180.08	4,839	385	180.60	5,225	3,002
180.09	4,847	433	180.61	5,233	3,054
180.10	4,854	482	180.62	5,240	3,106
180.11	4,862	530	180.63	5,247	3,159
180.12	4,869	579	180.64	5,255	3,211
180.13	4,876	628	180.65	5,262	3,264
180.14	4,884	676	180.66	5,270	3,316
180.15	4,891	725	180.67	5,277	3,369
180.16	4,899	774	180.68	5,285	3,422
180.17	4,906	823	180.69	5,292	3,475
180.18	4,914	872	180.70	5,299	3,528
180.19	4,921	922	180.71	5,307	3,581
180.20	4,928	971	180.72	5,314	3,634
180.21	4,936	1,020	180.73	5,322	3,687
180.22	4,943	1,070	180.74	5,329	3,740
180.23	4,951	1,119	180.75	5,337	3,794
180.24	4,958	1,169	180.76	5,344	3,847
180.25	4,966	1,218	180.77	5,351	3,901
180.26	4,973	1,268	180.78	5,359	3,954
180.27	4,980	1,318	180.79	5,366	4,008
180.28	4,988	1,367	180.80	5,374	4,061
180.29	4,995	1,417	180.81	5,381	4,115
180.30	5,003	1,467	180.82	5,388	4,169
180.31	5,010	1,517	180.83	5,396	4,223
180.32	5,017	1,568	180.84	5,403	4,277
180.33	5,025	1,618	180.85	5,411	4,331
180.34	5,032	1,668	180.86	5,418	4,385
180.35	5,040	1,718	180.87	5,426	4,439
180.36	5,047	1,769	180.88	5,433	4,494
180.37	5,055	1,819	180.89	5,440	4,548
180.38	5,062	1,870	180.90	5,448	4,603
180.39	5,069	1,921	180.91	5,455	4,657
180.40	5,077	1,971	180.92	5,463	4,712
180.41	5,084	2,022	180.93	5,470	4,766
180.42	5,092	2,073	180.94	5,477	4,821
180.43	5,099	2,124	180.95	5,485	4,876
180.44	5,106	2,175	180.96	5,492	4,931
180.45	5,114	2,226	180.97	5,500	4,986
180.46	5,121	2,277	180.98	5,507	5,041
180.47	5,129	2,329	180.99	5,515	5,096
180.48	5,136	2,380	181.00	5,522	5,151
180.49	5,144	2,431	181.01	5,530	5,206
180.50	5,151	2,483	181.02	5,538	5,262
180.51	5,158	2,534	181.03	5,546	5,317

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	5,553	5,373	181.56	5,961	8,366
181.05	5,561	5,428	181.57	5,969	8,426
181.06	5,569	5,484	181.58	5,977	8,486
181.07	5,577	5,539	181.59	5,985	8,545
181.08	5,585	5,595	181.60	5,992	8,605
181.09	5,593	5,651	181.61	6,000	8,665
181.10	5,600	5,707	181.62	6,008	8,725
181.11	5,608	5,763	181.63	6,016	8,785
181.12	5,616	5,819	181.64	6,024	8,846
181.13	5,624	5,875	181.65	6,032	8,906
181.14	5,632	5,932	181.66	6,039	8,966
181.15	5,640	5,988	181.67	6,047	9,027
181.16	5,647	6,045	181.68	6,055	9,087
181.17	5,655	6,101	181.69	6,063	9,148
181.18	5,663	6,158	181.70	6,071	9,208
181.19	5,671	6,214	181.71	6,079	9,269
181.20	5,679	6,271	181.72	6,086	9,330
181.21	5,687	6,328	181.73	6,094	9,391
181.22	5,694	6,385	181.74	6,102	9,452
181.23	5,702	6,442	181.75	6,110	9,513
181.24	5,710	6,499	181.76	6,118	9,574
181.25	5,718	6,556	181.77	6,126	9,635
181.26	5,726	6,613	181.78	6,134	9,697
181.27	5,734	6,671	181.79	6,141	9,758
181.28	5,742	6,728	181.80	6,149	9,819
181.29	5,749	6,785	181.81	6,157	9,881
181.30	5,757	6,843	181.82	6,165	9,943
181.31	5,765	6,900	181.83	6,173	10,004
181.32	5,773	6,958	181.84	6,181	10,066
181.33	5,781	7,016	181.85	6,188	10,128
181.34	5,789	7,074	181.86	6,196	10,190
181.35	5,796	7,132	181.87	6,204	10,252
181.36	5,804	7,190	181.88	6,212	10,314
181.37	5,812	7,248	181.89	6,220	10,376
181.38	5,820	7,306	181.90	6,228	10,438
181.39	5,828	7,364	181.91	6,235	10,501
181.40	5,836	7,423	181.92	6,243	10,563
181.41	5,843	7,481	181.93	6,251	10,626
181.42	5,851	7,539	181.94	6,259	10,688
181.43	5,859	7,598	181.95	6,267	10,751
181.44	5,867	7,657	181.96	6,275	10,813
181.45	5,875	7,715	181.97	6,282	10,876
181.46	5,883	7,774	181.98	6,290	10,939
181.47	5,890	7,833	181.99	6,298	11,002
181.48	5,898	7,892	182.00	6,306	11,065
181.49	5,906	7,951	182.01	6,314	11,128
181.50	5,914	8,010	182.02	6,323	11,191
181.51	5,922	8,069	182.03	6,331	11,255
181.52	5,930	8,128	182.04	6,339	11,318
181.53	5,938	8,188	182.05	6,347	11,381
181.54	5,945	8,247	182.06	6,356	11,445
181.55	5,953	8,307	182.07	6,364	11,508

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	6,372	11,572	182.60	6,803	14,998
182.09	6,381	11,636	182.61	6,812	15,066
182.10	6,389	11,700	182.62	6,820	15,134
182.11	6,397	11,764	182.63	6,828	15,202
182.12	6,405	11,828	182.64	6,837	15,271
182.13	6,414	11,892	182.65	6,845	15,339
182.14	6,422	11,956	182.66	6,853	15,408
182.15	6,430	12,020	182.67	6,861	15,476
182.16	6,439	12,085	182.68	6,870	15,545
182.17	6,447	12,149	182.69	6,878	15,613
182.18	6,455	12,214	182.70	6,886	15,682
182.19	6,464	12,278	182.71	6,895	15,751
182.20	6,472	12,343	182.72	6,903	15,820
182.21	6,480	12,408	182.73	6,911	15,889
182.22	6,488	12,472	182.74	6,919	15,958
182.23	6,497	12,537	182.75	6,928	16,028
182.24	6,505	12,602	182.76	6,936	16,097
182.25	6,513	12,667	182.77	6,944	16,166
182.26	6,522	12,733	182.78	6,953	16,236
182.27	6,530	12,798	182.79	6,961	16,305
182.28	6,538	12,863	182.80	6,969	16,375
182.29	6,546	12,929	182.81	6,977	16,445
182.30	6,555	12,994	182.82	6,986	16,515
182.31	6,563	13,060	182.83	6,994	16,585
182.32	6,571	13,125	182.84	7,002	16,655
182.33	6,580	13,191	182.85	7,011	16,725
182.34	6,588	13,257	182.86	7,019	16,795
182.35	6,596	13,323	182.87	7,027	16,865
182.36	6,604	13,389	182.88	7,036	16,935
182.37	6,613	13,455	182.89	7,044	17,006
182.38	6,621	13,521	182.90	7,052	17,076
182.39	6,629	13,587	182.91	7,060	17,147
182.40	6,638	13,654	182.92	7,069	17,217
182.41	6,646	13,720	182.93	7,077	17,288
182.42	6,654	13,787	182.94	7,085	17,359
182.43	6,662	13,853	182.95	7,094	17,430
182.44	6,671	13,920	182.96	7,102	17,501
182.45	6,679	13,987	182.97	7,110	17,572
182.46	6,687	14,053	182.98	7,118	17,643
182.47	6,696	14,120	182.99	7,127	17,714
182.48	6,704	14,187	183.00	7,135	17,786
182.49	6,712	14,254	183.01	7,144	17,857
182.50	6,721	14,322	183.02	7,152	17,928
182.51	6,729	14,389	183.03	7,161	18,000
182.52	6,737	14,456	183.04	7,170	18,072
182.53	6,745	14,524	183.05	7,179	18,143
182.54	6,754	14,591	183.06	7,187	18,215
182.55	6,762	14,659	183.07	7,196	18,287
182.56	6,770	14,726	183.08	7,205	18,359
182.57	6,779	14,794	183.09	7,213	18,431
182.58	6,787	14,862	183.10	7,222	18,503
182.59	6,795	14,930	183.11	7,231	18,576

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	7,240	18,648	183.64	7,693	22,530
183.13	7,248	18,720	183.65	7,702	22,607
183.14	7,257	18,793	183.66	7,711	22,685
183.15	7,266	18,866	183.67	7,719	22,762
183.16	7,275	18,938	183.68	7,728	22,839
183.17	7,283	19,011	183.69	7,737	22,916
183.18	7,292	19,084	183.70	7,745	22,994
183.19	7,301	19,157	183.71	7,754	23,071
183.20	7,309	19,230	183.72	7,763	23,149
183.21	7,318	19,303	183.73	7,772	23,226
183.22	7,327	19,376	183.74	7,780	23,304
183.23	7,336	19,450	183.75	7,789	23,382
183.24	7,344	19,523	183.76	7,798	23,460
183.25	7,353	19,597	183.77	7,806	23,538
183.26	7,362	19,670	183.78	7,815	23,616
183.27	7,370	19,744	183.79	7,824	23,694
183.28	7,379	19,817	183.80	7,833	23,773
183.29	7,388	19,891	183.81	7,841	23,851
183.30	7,397	19,965	183.82	7,850	23,929
183.31	7,405	20,039	183.83	7,859	24,008
183.32	7,414	20,113	183.84	7,867	24,087
183.33	7,423	20,188	183.85	7,876	24,165
183.34	7,431	20,262	183.86	7,885	24,244
183.35	7,440	20,336	183.87	7,894	24,323
183.36	7,449	20,411	183.88	7,902	24,402
183.37	7,458	20,485	183.89	7,911	24,481
183.38	7,466	20,560	183.90	7,920	24,560
183.39	7,475	20,634	183.91	7,929	24,639
183.40	7,484	20,709	183.92	7,937	24,719
183.41	7,493	20,784	183.93	7,946	24,798
183.42	7,501	20,859	183.94	7,955	24,878
183.43	7,510	20,934	183.95	7,963	24,957
183.44	7,519	21,009	183.96	7,972	25,037
183.45	7,527	21,085	183.97	7,981	25,117
183.46	7,536	21,160	183.98	7,990	25,197
183.47	7,545	21,235	183.99	7,998	25,276
183.48	7,554	21,311	184.00	8,007	25,357
183.49	7,562	21,386	184.01	8,016	25,437
183.50	7,571	21,462	184.02	8,025	25,517
183.51	7,580	21,538	184.03	8,034	25,597
183.52	7,588	21,614	184.04	8,044	25,678
183.53	7,597	21,690	184.05	8,053	25,758
183.54	7,606	21,766	184.06	8,062	25,839
183.55	7,615	21,842	184.07	8,071	25,919
183.56	7,623	21,918	184.08	8,080	26,000
183.57	7,632	21,994	184.09	8,089	26,081
183.58	7,641	22,070	184.10	8,099	26,162
183.59	7,649	22,147	184.11	8,108	26,243
183.60	7,658	22,223	184.12	8,117	26,324
183.61	7,667	22,300	184.13	8,126	26,405
183.62	7,676	22,377	184.14	8,135	26,486
183.63	7,684	22,454	184.15	8,144	26,568

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	8,154	26,649	184.68	8,630	31,013
184.17	8,163	26,731	184.69	8,639	31,099
184.18	8,172	26,813	184.70	8,648	31,186
184.19	8,181	26,894	184.71	8,657	31,272
184.20	8,190	26,976	184.72	8,667	31,359
184.21	8,199	27,058	184.73	8,676	31,446
184.22	8,209	27,140	184.74	8,685	31,532
184.23	8,218	27,222	184.75	8,694	31,619
184.24	8,227	27,305	184.76	8,703	31,706
184.25	8,236	27,387	184.77	8,712	31,793
184.26	8,245	27,469	184.78	8,721	31,881
184.27	8,254	27,552	184.79	8,731	31,968
184.28	8,263	27,634	184.80	8,740	32,055
184.29	8,273	27,717	184.81	8,749	32,143
184.30	8,282	27,800	184.82	8,758	32,230
184.31	8,291	27,883	184.83	8,767	32,318
184.32	8,300	27,966	184.84	8,776	32,406
184.33	8,309	28,049	184.85	8,786	32,493
184.34	8,318	28,132	184.86	8,795	32,581
184.35	8,328	28,215	184.87	8,804	32,669
184.36	8,337	28,298	184.88	8,813	32,757
184.37	8,346	28,382	184.89	8,822	32,846
184.38	8,355	28,465	184.90	8,831	32,934
184.39	8,364	28,549	184.91	8,841	33,022
184.40	8,373	28,633	184.92	8,850	33,111
184.41	8,383	28,716	184.93	8,859	33,199
184.42	8,392	28,800	184.94	8,868	33,288
184.43	8,401	28,884	184.95	8,877	33,376
184.44	8,410	28,968	184.96	8,886	33,465
184.45	8,419	29,052	184.97	8,896	33,554
184.46	8,428	29,137	184.98	8,905	33,643
184.47	8,438	29,221	184.99	8,914	33,732
184.48	8,447	29,305	185.00	8,923	33,822
184.49	8,456	29,390	185.01	8,933	33,911
184.50	8,465	29,475	185.02	8,942	34,000
184.51	8,474	29,559	185.03	8,952	34,090
184.52	8,483	29,644	185.04	8,961	34,179
184.53	8,492	29,729	185.05	8,971	34,269
184.54	8,502	29,814	185.06	8,981	34,359
184.55	8,511	29,899	185.07	8,990	34,448
184.56	8,520	29,984	185.08	9,000	34,538
184.57	8,529	30,069	185.09	9,009	34,628
184.58	8,538	30,155	185.10	9,019	34,719
184.59	8,547	30,240	185.11	9,028	34,809
184.60	8,557	30,326	185.12	9,038	34,899
184.61	8,566	30,411	185.13	9,048	34,990
184.62	8,575	30,497	185.14	9,057	35,080
184.63	8,584	30,583	185.15	9,067	35,171
184.64	8,593	30,669	185.16	9,076	35,261
184.65	8,602	30,755	185.17	9,086	35,352
184.66	8,612	30,841	185.18	9,096	35,443
184.67	8,621	30,927	185.19	9,105	35,534

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	9,115	35,625	185.72	9,613	40,495
185.21	9,124	35,716	185.73	9,623	40,591
185.22	9,134	35,808	185.74	9,633	40,687
185.23	9,144	35,899	185.75	9,642	40,783
185.24	9,153	35,991	185.76	9,652	40,880
185.25	9,163	36,082	185.77	9,661	40,977
185.26	9,172	36,174	185.78	9,671	41,073
185.27	9,182	36,266	185.79	9,681	41,170
185.28	9,192	36,358	185.80	9,690	41,267
185.29	9,201	36,449	185.81	9,700	41,364
185.30	9,211	36,542	185.82	9,709	41,461
185.31	9,220	36,634	185.83	9,719	41,558
185.32	9,230	36,726	185.84	9,729	41,655
185.33	9,239	36,818	185.85	9,738	41,752
185.34	9,249	36,911	185.86	9,748	41,850
185.35	9,259	37,003	185.87	9,757	41,947
185.36	9,268	37,096	185.88	9,767	42,045
185.37	9,278	37,189	185.89	9,777	42,143
185.38	9,287	37,281	185.90	9,786	42,241
185.39	9,297	37,374	185.91	9,796	42,339
185.40	9,307	37,467	185.92	9,805	42,437
185.41	9,316	37,561	185.93	9,815	42,535
185.42	9,326	37,654	185.94	9,824	42,633
185.43	9,335	37,747	185.95	9,834	42,731
185.44	9,345	37,840	185.96	9,844	42,829
185.45	9,355	37,934	185.97	9,853	42,928
185.46	9,364	38,028	185.98	9,863	43,027
185.47	9,374	38,121	185.99	9,872	43,125
185.48	9,383	38,215	186.00	9,882	43,224
185.49	9,393	38,309			
185.50	9,403	38,403			
185.51	9,412	38,497			
185.52	9,422	38,591			
185.53	9,431	38,685			
185.54	9,441	38,780			
185.55	9,450	38,874			
185.56	9,460	38,969			
185.57	9,470	39,063			
185.58	9,479	39,158			
185.59	9,489	39,253			
185.60	9,498	39,348			
185.61	9,508	39,443			
185.62	9,518	39,538			
185.63	9,527	39,633			
185.64	9,537	39,729			
185.65	9,546	39,824			
185.66	9,556	39,920			
185.67	9,566	40,015			
185.68	9,575	40,111			
185.69	9,585	40,207			
185.70	9,594	40,303			
185.71	9,604	40,399			

Summary for Pond B-12: Basin #12

Inflow Area = 2.426 ac, 44.77% Impervious, Inflow Depth = 2.44" for Future 2 yr event
 Inflow = 5.96 cfs @ 12.17 hrs, Volume= 0.493 af
 Outflow = 0.43 cfs @ 13.60 hrs, Volume= 0.370 af, Atten= 93%, Lag= 85.5 min
 Primary = 0.43 cfs @ 13.60 hrs, Volume= 0.370 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.57' @ 13.60 hrs Surf.Area= 6,545 sf Storage= 14,291 cf

Plug-Flow detention time= 663.2 min calculated for 0.370 af (75% of inflow)
 Center-of-Mass det. time= 569.1 min (1,360.5 - 791.4)

Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	24,487 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	4,623	0	0
202.00	5,350	4,987	4,987
203.00	6,105	5,728	10,714
204.00	6,883	6,494	17,208
205.00	7,674	7,279	24,487

Device	Routing	Invert	Outlet Devices
#1	Primary	199.65'	18.0" Round Culvert L= 238.0' Ke= 0.500 Inlet / Outlet Invert= 199.65' / 195.50' S= 0.0174 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.90'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.42 cfs @ 13.60 hrs HW=203.57' (Free Discharge)

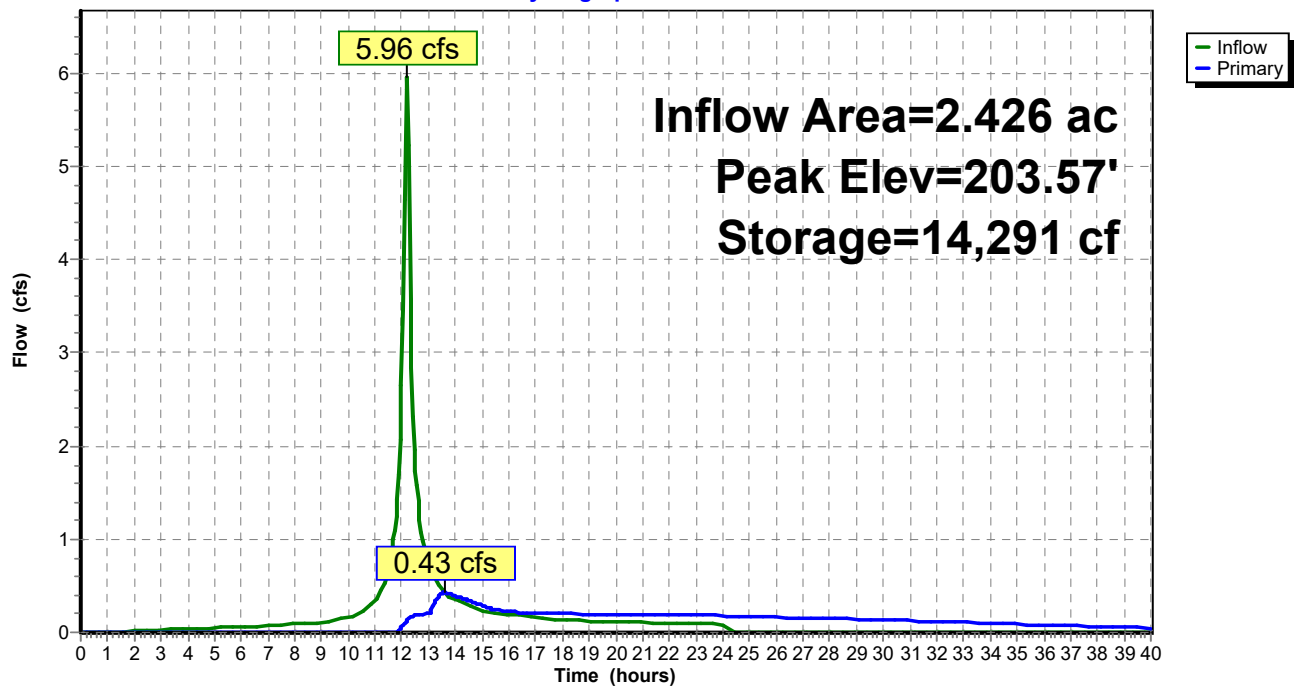
1=Culvert (Passes 0.42 cfs of 15.02 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.02 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.22 cfs @ 0.84 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-12: Basin #12
 Culvert



Pond B-12: Basin #12

Hydrograph



Hydrograph for Pond B-12: Basin #12

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	0	201.00	0.00
1.00	0.00	0	201.00	0.00
1.10	0.00	0	201.00	0.00
1.20	0.00	0	201.00	0.00
1.30	0.00	1	201.00	0.00
1.40	0.01	3	201.00	0.00
1.50	0.01	5	201.00	0.00
1.60	0.01	8	201.00	0.00
1.70	0.01	11	201.00	0.00
1.80	0.01	15	201.00	0.00
1.90	0.01	20	201.00	0.00
2.00	0.01	25	201.01	0.00
2.10	0.02	31	201.01	0.00
2.20	0.02	37	201.01	0.00
2.30	0.02	43	201.01	0.00
2.40	0.02	51	201.01	0.00
2.50	0.02	58	201.01	0.00
2.60	0.02	66	201.01	0.00
2.70	0.02	75	201.02	0.00
2.80	0.03	84	201.02	0.00
2.90	0.03	93	201.02	0.00
3.00	0.03	103	201.02	0.00
3.10	0.03	113	201.02	0.00
3.20	0.03	124	201.03	0.00
3.30	0.03	135	201.03	0.00
3.40	0.03	146	201.03	0.00
3.50	0.03	158	201.03	0.00
3.60	0.03	170	201.04	0.00
3.70	0.04	183	201.04	0.00
3.80	0.04	196	201.04	0.00
3.90	0.04	209	201.05	0.00
4.00	0.04	223	201.05	0.00
4.10	0.04	237	201.05	0.00
4.20	0.04	251	201.05	0.00
4.30	0.04	265	201.06	0.00
4.40	0.04	280	201.06	0.00
4.50	0.04	296	201.06	0.00
4.60	0.04	311	201.07	0.00
4.70	0.04	327	201.07	0.00
4.80	0.05	343	201.07	0.00
4.90	0.05	359	201.08	0.00
5.00	0.05	376	201.08	0.00
5.10	0.05	393	201.08	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	410	201.09	0.00
5.30	0.05	428	201.09	0.00
5.40	0.05	445	201.10	0.00
5.50	0.05	463	201.10	0.00
5.60	0.05	482	201.10	0.00
5.70	0.05	500	201.11	0.00
5.80	0.05	519	201.11	0.00
5.90	0.05	538	201.12	0.00
6.00	0.05	558	201.12	0.00
6.10	0.06	577	201.12	0.00
6.20	0.06	597	201.13	0.00
6.30	0.06	618	201.13	0.00
6.40	0.06	639	201.14	0.00
6.50	0.06	661	201.14	0.00
6.60	0.06	684	201.15	0.00
6.70	0.07	707	201.15	0.00
6.80	0.07	731	201.16	0.00
6.90	0.07	755	201.16	0.00
7.00	0.07	780	201.17	0.00
7.10	0.07	806	201.17	0.00
7.20	0.07	832	201.18	0.00
7.30	0.08	859	201.18	0.00
7.40	0.08	887	201.19	0.00
7.50	0.08	915	201.19	0.00
7.60	0.08	944	201.20	0.00
7.70	0.08	973	201.21	0.00
7.80	0.08	1,004	201.21	0.00
7.90	0.09	1,034	201.22	0.00
8.00	0.09	1,066	201.23	0.00
8.10	0.09	1,098	201.23	0.00
8.20	0.09	1,131	201.24	0.00
8.30	0.09	1,165	201.25	0.00
8.40	0.10	1,199	201.25	0.00
8.50	0.10	1,234	201.26	0.00
8.60	0.10	1,269	201.27	0.00
8.70	0.10	1,305	201.28	0.00
8.80	0.10	1,342	201.28	0.00
8.90	0.10	1,379	201.29	0.00
9.00	0.11	1,418	201.30	0.00
9.10	0.11	1,456	201.31	0.00
9.20	0.11	1,497	201.32	0.00
9.30	0.12	1,539	201.32	0.00
9.40	0.13	1,584	201.33	0.00
9.50	0.13	1,631	201.34	0.00
9.60	0.14	1,680	201.35	0.00
9.70	0.15	1,731	201.36	0.00
9.80	0.15	1,784	201.37	0.00
9.90	0.16	1,840	201.39	0.00
10.00	0.16	1,898	201.40	0.00
10.10	0.17	1,959	201.41	0.00
10.20	0.18	2,021	201.42	0.00
10.30	0.19	2,087	201.44	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.20	2,156	201.45	0.00
10.50	0.21	2,228	201.46	0.00
10.60	0.22	2,304	201.48	0.00
10.70	0.24	2,387	201.50	0.00
10.80	0.27	2,480	201.52	0.00
10.90	0.30	2,583	201.54	0.00
11.00	0.33	2,697	201.56	0.00
11.10	0.37	2,823	201.58	0.00
11.20	0.42	2,966	201.61	0.00
11.30	0.48	3,129	201.64	0.00
11.40	0.55	3,314	201.68	0.00
11.50	0.61	3,522	201.72	0.00
11.60	0.75	3,761	201.77	0.00
11.70	1.00	4,077	201.83	0.00
11.80	1.23	4,475	201.90	0.00
11.90	1.70	4,993	202.00	0.02
12.00	2.65	5,741	202.14	0.06
12.10	4.65	6,993	202.37	0.10
12.20	5.79	8,938	202.70	0.14
12.30	3.56	10,564	202.98	0.16
12.40	2.32	11,543	203.13	0.17
12.50	1.72	12,194	203.24	0.18
12.60	1.40	12,692	203.32	0.19
12.70	1.06	13,063	203.38	0.19
12.80	0.92	13,348	203.42	0.20
12.90	0.83	13,592	203.46	0.20
13.00	0.75	13,804	203.49	0.20
13.10	0.67	13,983	203.52	0.24
13.20	0.60	14,114	203.54	0.31
13.30	0.55	14,200	203.55	0.36
13.40	0.51	14,254	203.56	0.40
13.50	0.47	14,283	203.56	0.42
13.60	0.43	14,291	203.57	0.43
13.70	0.39	14,284	203.56	0.42
13.80	0.37	14,272	203.56	0.41
13.90	0.36	14,258	203.56	0.40
14.00	0.35	14,244	203.56	0.39
14.10	0.34	14,229	203.56	0.38
14.20	0.33	14,213	203.55	0.37
14.30	0.32	14,197	203.55	0.36
14.40	0.31	14,181	203.55	0.35
14.50	0.29	14,164	203.55	0.34
14.60	0.28	14,147	203.54	0.33
14.70	0.27	14,129	203.54	0.32
14.80	0.26	14,112	203.54	0.31
14.90	0.25	14,094	203.54	0.30
15.00	0.24	14,076	203.53	0.29
15.10	0.23	14,058	203.53	0.28
15.20	0.22	14,040	203.53	0.27
15.30	0.21	14,023	203.52	0.26
15.40	0.21	14,008	203.52	0.25
15.50	0.21	13,996	203.52	0.24

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	13,984	203.52	0.24
15.70	0.20	13,972	203.52	0.23
15.80	0.20	13,961	203.51	0.23
15.90	0.19	13,950	203.51	0.23
16.00	0.19	13,938	203.51	0.22
16.10	0.19	13,927	203.51	0.22
16.20	0.19	13,917	203.51	0.22
16.30	0.18	13,906	203.51	0.21
16.40	0.18	13,895	203.50	0.21
16.50	0.18	13,884	203.50	0.21
16.60	0.17	13,874	203.50	0.20
16.70	0.17	13,863	203.50	0.20
16.80	0.17	13,852	203.50	0.20
16.90	0.17	13,840	203.50	0.20
17.00	0.16	13,827	203.49	0.20
17.10	0.16	13,813	203.49	0.20
17.20	0.16	13,798	203.49	0.20
17.30	0.15	13,781	203.49	0.20
17.40	0.15	13,764	203.48	0.20
17.50	0.15	13,746	203.48	0.20
17.60	0.14	13,726	203.48	0.20
17.70	0.14	13,706	203.48	0.20
17.80	0.14	13,685	203.47	0.20
17.90	0.14	13,662	203.47	0.20
18.00	0.13	13,639	203.47	0.20
18.10	0.13	13,615	203.46	0.20
18.20	0.13	13,589	203.46	0.20
18.30	0.13	13,564	203.45	0.20
18.40	0.12	13,537	203.45	0.20
18.50	0.12	13,511	203.45	0.20
18.60	0.12	13,485	203.44	0.20
18.70	0.12	13,458	203.44	0.20
18.80	0.12	13,431	203.43	0.20
18.90	0.12	13,404	203.43	0.20
19.00	0.12	13,377	203.42	0.20
19.10	0.12	13,350	203.42	0.20
19.20	0.12	13,322	203.42	0.20
19.30	0.12	13,295	203.41	0.19
19.40	0.12	13,267	203.41	0.19
19.50	0.12	13,239	203.40	0.19
19.60	0.12	13,211	203.40	0.19
19.70	0.11	13,183	203.39	0.19
19.80	0.11	13,154	203.39	0.19
19.90	0.11	13,126	203.39	0.19
20.00	0.11	13,097	203.38	0.19
20.10	0.11	13,068	203.38	0.19
20.20	0.11	13,039	203.37	0.19
20.30	0.11	13,010	203.37	0.19
20.40	0.11	12,981	203.36	0.19
20.50	0.11	12,951	203.36	0.19
20.60	0.11	12,921	203.35	0.19
20.70	0.11	12,892	203.35	0.19

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	12,862	203.34	0.19
20.90	0.11	12,832	203.34	0.19
21.00	0.11	12,802	203.33	0.19
21.10	0.10	12,771	203.33	0.19
21.20	0.10	12,741	203.33	0.19
21.30	0.10	12,710	203.32	0.19
21.40	0.10	12,679	203.32	0.19
21.50	0.10	12,648	203.31	0.19
21.60	0.10	12,617	203.31	0.19
21.70	0.10	12,586	203.30	0.19
21.80	0.10	12,554	203.30	0.19
21.90	0.10	12,523	203.29	0.19
22.00	0.10	12,491	203.29	0.19
22.10	0.10	12,459	203.28	0.19
22.20	0.10	12,427	203.28	0.19
22.30	0.10	12,395	203.27	0.18
22.40	0.09	12,363	203.27	0.18
22.50	0.09	12,331	203.26	0.18
22.60	0.09	12,298	203.26	0.18
22.70	0.09	12,265	203.25	0.18
22.80	0.09	12,233	203.24	0.18
22.90	0.09	12,200	203.24	0.18
23.00	0.09	12,166	203.23	0.18
23.10	0.09	12,133	203.23	0.18
23.20	0.09	12,100	203.22	0.18
23.30	0.09	12,066	203.22	0.18
23.40	0.09	12,033	203.21	0.18
23.50	0.09	11,999	203.21	0.18
23.60	0.09	11,965	203.20	0.18
23.70	0.08	11,931	203.20	0.18
23.80	0.08	11,897	203.19	0.18
23.90	0.08	11,863	203.19	0.18
24.00	0.09	11,829	203.18	0.18
24.10	0.07	11,795	203.18	0.18
24.20	0.02	11,748	203.17	0.18
24.30	0.00	11,688	203.16	0.18
24.40	0.00	11,626	203.15	0.18
24.50	0.00	11,563	203.14	0.17
24.60	0.00	11,500	203.13	0.17
24.70	0.00	11,438	203.12	0.17
24.80	0.00	11,376	203.11	0.17
24.90	0.00	11,314	203.10	0.17
25.00	0.00	11,252	203.09	0.17
25.10	0.00	11,191	203.08	0.17
25.20	0.00	11,130	203.07	0.17
25.30	0.00	11,069	203.06	0.17
25.40	0.00	11,008	203.05	0.17
25.50	0.00	10,948	203.04	0.17
25.60	0.00	10,888	203.03	0.17
25.70	0.00	10,829	203.02	0.17
25.80	0.00	10,769	203.01	0.16
25.90	0.00	10,710	203.00	0.16

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,651	202.99	0.16
26.10	0.00	10,593	202.98	0.16
26.20	0.00	10,535	202.97	0.16
26.30	0.00	10,477	202.96	0.16
26.40	0.00	10,419	202.95	0.16
26.50	0.00	10,362	202.94	0.16
26.60	0.00	10,305	202.93	0.16
26.70	0.00	10,248	202.92	0.16
26.80	0.00	10,191	202.91	0.16
26.90	0.00	10,135	202.90	0.16
27.00	0.00	10,079	202.90	0.15
27.10	0.00	10,023	202.89	0.15
27.20	0.00	9,968	202.88	0.15
27.30	0.00	9,913	202.87	0.15
27.40	0.00	9,858	202.86	0.15
27.50	0.00	9,804	202.85	0.15
27.60	0.00	9,750	202.84	0.15
27.70	0.00	9,696	202.83	0.15
27.80	0.00	9,642	202.82	0.15
27.90	0.00	9,589	202.81	0.15
28.00	0.00	9,536	202.80	0.15
28.10	0.00	9,483	202.80	0.15
28.20	0.00	9,431	202.79	0.15
28.30	0.00	9,379	202.78	0.14
28.40	0.00	9,327	202.77	0.14
28.50	0.00	9,275	202.76	0.14
28.60	0.00	9,224	202.75	0.14
28.70	0.00	9,173	202.74	0.14
28.80	0.00	9,122	202.73	0.14
28.90	0.00	9,072	202.73	0.14
29.00	0.00	9,022	202.72	0.14
29.10	0.00	8,972	202.71	0.14
29.20	0.00	8,923	202.70	0.14
29.30	0.00	8,874	202.69	0.14
29.40	0.00	8,825	202.68	0.14
29.50	0.00	8,776	202.68	0.13
29.60	0.00	8,728	202.67	0.13
29.70	0.00	8,680	202.66	0.13
29.80	0.00	8,632	202.65	0.13
29.90	0.00	8,585	202.64	0.13
30.00	0.00	8,538	202.64	0.13
30.10	0.00	8,491	202.63	0.13
30.20	0.00	8,444	202.62	0.13
30.30	0.00	8,398	202.61	0.13
30.40	0.00	8,352	202.60	0.13
30.50	0.00	8,307	202.60	0.13
30.60	0.00	8,261	202.59	0.13
30.70	0.00	8,216	202.58	0.12
30.80	0.00	8,172	202.57	0.12
30.90	0.00	8,127	202.56	0.12
31.00	0.00	8,083	202.56	0.12
31.10	0.00	8,040	202.55	0.12

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,996	202.54	0.12
31.30	0.00	7,953	202.53	0.12
31.40	0.00	7,910	202.53	0.12
31.50	0.00	7,867	202.52	0.12
31.60	0.00	7,825	202.51	0.12
31.70	0.00	7,783	202.50	0.12
31.80	0.00	7,742	202.50	0.12
31.90	0.00	7,700	202.49	0.11
32.00	0.00	7,659	202.48	0.11
32.10	0.00	7,618	202.48	0.11
32.20	0.00	7,578	202.47	0.11
32.30	0.00	7,538	202.46	0.11
32.40	0.00	7,498	202.45	0.11
32.50	0.00	7,459	202.45	0.11
32.60	0.00	7,419	202.44	0.11
32.70	0.00	7,381	202.43	0.11
32.80	0.00	7,342	202.43	0.11
32.90	0.00	7,304	202.42	0.11
33.00	0.00	7,266	202.41	0.11
33.10	0.00	7,228	202.41	0.10
33.20	0.00	7,191	202.40	0.10
33.30	0.00	7,154	202.39	0.10
33.40	0.00	7,117	202.39	0.10
33.50	0.00	7,080	202.38	0.10
33.60	0.00	7,044	202.37	0.10
33.70	0.00	7,009	202.37	0.10
33.80	0.00	6,973	202.36	0.10
33.90	0.00	6,938	202.36	0.10
34.00	0.00	6,903	202.35	0.10
34.10	0.00	6,868	202.34	0.10
34.20	0.00	6,834	202.34	0.09
34.30	0.00	6,800	202.33	0.09
34.40	0.00	6,767	202.33	0.09
34.50	0.00	6,733	202.32	0.09
34.60	0.00	6,700	202.31	0.09
34.70	0.00	6,668	202.31	0.09
34.80	0.00	6,635	202.30	0.09
34.90	0.00	6,603	202.30	0.09
35.00	0.00	6,571	202.29	0.09
35.10	0.00	6,540	202.28	0.09
35.20	0.00	6,509	202.28	0.09
35.30	0.00	6,478	202.27	0.09
35.40	0.00	6,448	202.27	0.08
35.50	0.00	6,417	202.26	0.08
35.60	0.00	6,388	202.26	0.08
35.70	0.00	6,358	202.25	0.08
35.80	0.00	6,329	202.25	0.08
35.90	0.00	6,300	202.24	0.08
36.00	0.00	6,271	202.24	0.08
36.10	0.00	6,243	202.23	0.08
36.20	0.00	6,215	202.23	0.08
36.30	0.00	6,187	202.22	0.08

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,160	202.22	0.08
36.50	0.00	6,133	202.21	0.07
36.60	0.00	6,106	202.21	0.07
36.70	0.00	6,080	202.20	0.07
36.80	0.00	6,054	202.20	0.07
36.90	0.00	6,028	202.19	0.07
37.00	0.00	6,003	202.19	0.07
37.10	0.00	5,978	202.18	0.07
37.20	0.00	5,953	202.18	0.07
37.30	0.00	5,928	202.17	0.07
37.40	0.00	5,904	202.17	0.07
37.50	0.00	5,880	202.17	0.07
37.60	0.00	5,857	202.16	0.06
37.70	0.00	5,834	202.16	0.06
37.80	0.00	5,811	202.15	0.06
37.90	0.00	5,788	202.15	0.06
38.00	0.00	5,766	202.14	0.06
38.10	0.00	5,744	202.14	0.06
38.20	0.00	5,722	202.14	0.06
38.30	0.00	5,701	202.13	0.06
38.40	0.00	5,680	202.13	0.06
38.50	0.00	5,660	202.12	0.06
38.60	0.00	5,639	202.12	0.06
38.70	0.00	5,619	202.12	0.06
38.80	0.00	5,600	202.11	0.05
38.90	0.00	5,580	202.11	0.05
39.00	0.00	5,561	202.11	0.05
39.10	0.00	5,543	202.10	0.05
39.20	0.00	5,524	202.10	0.05
39.30	0.00	5,506	202.10	0.05
39.40	0.00	5,488	202.09	0.05
39.50	0.00	5,471	202.09	0.05
39.60	0.00	5,454	202.09	0.05
39.70	0.00	5,437	202.08	0.05
39.80	0.00	5,421	202.08	0.05
39.90	0.00	5,405	202.08	0.04
40.00	0.00	5,389	202.07	0.04

Stage-Discharge for Pond B-12: Basin #12

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

Stage-Discharge for Pond B-12: Basin #12 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.17	203.60	0.62	204.12	6.43	204.64	21.45
203.09	0.17	203.61	0.68	204.13	6.57	204.65	22.32
203.10	0.17	203.62	0.75	204.14	6.72	204.66	23.21
203.11	0.17	203.63	0.82	204.15	6.87	204.67	24.12
203.12	0.17	203.64	0.89	204.16	7.02	204.68	25.06
203.13	0.17	203.65	0.96	204.17	7.17	204.69	26.02
203.14	0.17	203.66	1.04	204.18	7.33	204.70	26.83
203.15	0.18	203.67	1.12	204.19	7.48	204.71	27.69
203.16	0.18	203.68	1.20	204.20	7.64	204.72	28.57
203.17	0.18	203.69	1.29	204.21	7.79	204.73	29.48
203.18	0.18	203.70	1.37	204.22	7.95	204.74	30.41
203.19	0.18	203.71	1.46	204.23	8.11	204.75	31.37
203.20	0.18	203.72	1.55	204.24	8.26	204.76	32.36
203.21	0.18	203.73	1.64	204.25	8.42	204.77	33.37
203.22	0.18	203.74	1.74	204.26	8.58	204.78	34.40
203.23	0.18	203.75	1.83	204.27	8.74	204.79	35.46
203.24	0.18	203.76	1.93	204.28	8.91	204.80	36.54
203.25	0.18	203.77	2.03	204.29	9.07	204.81	37.65
203.26	0.18	203.78	2.13	204.30	9.23	204.82	38.78
203.27	0.18	203.79	2.23	204.31	9.40	204.83	39.94
203.28	0.19	203.80	2.34	204.32	9.56	204.84	41.12
203.29	0.19	203.81	2.44	204.33	9.73	204.85	42.32
203.30	0.19	203.82	2.55	204.34	9.90	204.86	43.55
203.31	0.19	203.83	2.66	204.35	10.07	204.87	44.80
203.32	0.19	203.84	2.77	204.36	10.24	204.88	46.08
203.33	0.19	203.85	2.88	204.37	10.40	204.89	47.38
203.34	0.19	203.86	3.00	204.38	10.58	204.90	48.71
203.35	0.19	203.87	3.11	204.39	10.75	204.91	50.08
203.36	0.19	203.88	3.23	204.40	10.92	204.92	51.48
203.37	0.19	203.89	3.35	204.41	11.09	204.93	52.91
203.38	0.19	203.90	3.47	204.42	11.27	204.94	54.37
203.39	0.19	203.91	3.59	204.43	11.44	204.95	55.85
203.40	0.19	203.92	3.71	204.44	11.62	204.96	57.35
203.41	0.19	203.93	3.84	204.45	11.79	204.97	58.89
203.42	0.20	203.94	3.96	204.46	11.97	204.98	60.45
203.43	0.20	203.95	4.09	204.47	12.15	204.99	62.03
203.44	0.20	203.96	4.22	204.48	12.33	205.00	63.65
203.45	0.20	203.97	4.35	204.49	12.51		
203.46	0.20	203.98	4.48	204.50	12.69		
203.47	0.20	203.99	4.61	204.51	12.98		
203.48	0.20	204.00	4.74	204.52	13.38		
203.49	0.20	204.01	4.87	204.53	13.84		
203.50	0.20	204.02	5.01	204.54	14.35		
203.51	0.21	204.03	5.15	204.55	14.91		
203.52	0.24	204.04	5.28	204.56	15.51		
203.53	0.27	204.05	5.42	204.57	16.14		
203.54	0.31	204.06	5.56	204.58	16.81		
203.55	0.35	204.07	5.70	204.59	17.51		
203.56	0.40	204.08	5.85	204.60	18.24		
203.57	0.45	204.09	5.99	204.61	19.00		
203.58	0.50	204.10	6.13	204.62	19.79		
203.59	0.56	204.11	6.28	204.63	20.61		

Stage-Area-Storage for Pond B-12: Basin #12

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	4,623	0	201.52	5,001	2,502
201.01	4,630	46	201.53	5,008	2,552
201.02	4,638	93	201.54	5,016	2,602
201.03	4,645	139	201.55	5,023	2,653
201.04	4,652	186	201.56	5,030	2,703
201.05	4,659	232	201.57	5,037	2,753
201.06	4,667	279	201.58	5,045	2,804
201.07	4,674	325	201.59	5,052	2,854
201.08	4,681	372	201.60	5,059	2,905
201.09	4,688	419	201.61	5,066	2,955
201.10	4,696	466	201.62	5,074	3,006
201.11	4,703	513	201.63	5,081	3,057
201.12	4,710	560	201.64	5,088	3,108
201.13	4,718	607	201.65	5,096	3,159
201.14	4,725	654	201.66	5,103	3,210
201.15	4,732	702	201.67	5,110	3,261
201.16	4,739	749	201.68	5,117	3,312
201.17	4,747	796	201.69	5,125	3,363
201.18	4,754	844	201.70	5,132	3,414
201.19	4,761	891	201.71	5,139	3,466
201.20	4,768	939	201.72	5,146	3,517
201.21	4,776	987	201.73	5,154	3,568
201.22	4,783	1,035	201.74	5,161	3,620
201.23	4,790	1,083	201.75	5,168	3,672
201.24	4,797	1,130	201.76	5,176	3,723
201.25	4,805	1,178	201.77	5,183	3,775
201.26	4,812	1,227	201.78	5,190	3,827
201.27	4,819	1,275	201.79	5,197	3,879
201.28	4,827	1,323	201.80	5,205	3,931
201.29	4,834	1,371	201.81	5,212	3,983
201.30	4,841	1,420	201.82	5,219	4,035
201.31	4,848	1,468	201.83	5,226	4,088
201.32	4,856	1,517	201.84	5,234	4,140
201.33	4,863	1,565	201.85	5,241	4,192
201.34	4,870	1,614	201.86	5,248	4,245
201.35	4,877	1,663	201.87	5,255	4,297
201.36	4,885	1,711	201.88	5,263	4,350
201.37	4,892	1,760	201.89	5,270	4,402
201.38	4,899	1,809	201.90	5,277	4,455
201.39	4,907	1,858	201.91	5,285	4,508
201.40	4,914	1,907	201.92	5,292	4,561
201.41	4,921	1,957	201.93	5,299	4,614
201.42	4,928	2,006	201.94	5,306	4,667
201.43	4,936	2,055	201.95	5,314	4,720
201.44	4,943	2,104	201.96	5,321	4,773
201.45	4,950	2,154	201.97	5,328	4,826
201.46	4,957	2,203	201.98	5,335	4,880
201.47	4,965	2,253	201.99	5,343	4,933
201.48	4,972	2,303	202.00	5,350	4,987
201.49	4,979	2,353	202.01	5,358	5,040
201.50	4,987	2,402	202.02	5,365	5,094
201.51	4,994	2,452	202.03	5,373	5,147

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	5,380	5,201	202.56	5,773	8,101
202.05	5,388	5,255	202.57	5,780	8,159
202.06	5,395	5,309	202.58	5,788	8,216
202.07	5,403	5,363	202.59	5,795	8,274
202.08	5,410	5,417	202.60	5,803	8,332
202.09	5,418	5,471	202.61	5,811	8,390
202.10	5,425	5,525	202.62	5,818	8,449
202.11	5,433	5,580	202.63	5,826	8,507
202.12	5,441	5,634	202.64	5,833	8,565
202.13	5,448	5,688	202.65	5,841	8,623
202.14	5,456	5,743	202.66	5,848	8,682
202.15	5,463	5,797	202.67	5,856	8,740
202.16	5,471	5,852	202.68	5,863	8,799
202.17	5,478	5,907	202.69	5,871	8,858
202.18	5,486	5,962	202.70	5,878	8,916
202.19	5,493	6,017	202.71	5,886	8,975
202.20	5,501	6,072	202.72	5,894	9,034
202.21	5,509	6,127	202.73	5,901	9,093
202.22	5,516	6,182	202.74	5,909	9,152
202.23	5,524	6,237	202.75	5,916	9,211
202.24	5,531	6,292	202.76	5,924	9,271
202.25	5,539	6,348	202.77	5,931	9,330
202.26	5,546	6,403	202.78	5,939	9,389
202.27	5,554	6,459	202.79	5,946	9,449
202.28	5,561	6,514	202.80	5,954	9,508
202.29	5,569	6,570	202.81	5,962	9,568
202.30	5,577	6,625	202.82	5,969	9,627
202.31	5,584	6,681	202.83	5,977	9,687
202.32	5,592	6,737	202.84	5,984	9,747
202.33	5,599	6,793	202.85	5,992	9,807
202.34	5,607	6,849	202.86	5,999	9,867
202.35	5,614	6,905	202.87	6,007	9,927
202.36	5,622	6,961	202.88	6,014	9,987
202.37	5,629	7,018	202.89	6,022	10,047
202.38	5,637	7,074	202.90	6,030	10,107
202.39	5,644	7,130	202.91	6,037	10,168
202.40	5,652	7,187	202.92	6,045	10,228
202.41	5,660	7,243	202.93	6,052	10,288
202.42	5,667	7,300	202.94	6,060	10,349
202.43	5,675	7,357	202.95	6,067	10,410
202.44	5,682	7,414	202.96	6,075	10,470
202.45	5,690	7,470	202.97	6,082	10,531
202.46	5,697	7,527	202.98	6,090	10,592
202.47	5,705	7,584	202.99	6,097	10,653
202.48	5,712	7,641	203.00	6,105	10,714
202.49	5,720	7,699	203.01	6,113	10,775
202.50	5,728	7,756	203.02	6,121	10,836
202.51	5,735	7,813	203.03	6,128	10,898
202.52	5,743	7,871	203.04	6,136	10,959
202.53	5,750	7,928	203.05	6,144	11,020
202.54	5,758	7,986	203.06	6,152	11,082
202.55	5,765	8,043	203.07	6,159	11,143

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	6,167	11,205	203.60	6,572	14,517
203.09	6,175	11,267	203.61	6,580	14,583
203.10	6,183	11,328	203.62	6,587	14,649
203.11	6,191	11,390	203.63	6,595	14,715
203.12	6,198	11,452	203.64	6,603	14,781
203.13	6,206	11,514	203.65	6,611	14,847
203.14	6,214	11,576	203.66	6,618	14,913
203.15	6,222	11,639	203.67	6,626	14,979
203.16	6,229	11,701	203.68	6,634	15,045
203.17	6,237	11,763	203.69	6,642	15,112
203.18	6,245	11,826	203.70	6,650	15,178
203.19	6,253	11,888	203.71	6,657	15,245
203.20	6,261	11,951	203.72	6,665	15,311
203.21	6,268	12,013	203.73	6,673	15,378
203.22	6,276	12,076	203.74	6,681	15,445
203.23	6,284	12,139	203.75	6,689	15,512
203.24	6,292	12,202	203.76	6,696	15,578
203.25	6,300	12,265	203.77	6,704	15,645
203.26	6,307	12,328	203.78	6,712	15,713
203.27	6,315	12,391	203.79	6,720	15,780
203.28	6,323	12,454	203.80	6,727	15,847
203.29	6,331	12,517	203.81	6,735	15,914
203.30	6,338	12,581	203.82	6,743	15,982
203.31	6,346	12,644	203.83	6,751	16,049
203.32	6,354	12,707	203.84	6,759	16,117
203.33	6,362	12,771	203.85	6,766	16,184
203.34	6,370	12,835	203.86	6,774	16,252
203.35	6,377	12,898	203.87	6,782	16,320
203.36	6,385	12,962	203.88	6,790	16,388
203.37	6,393	13,026	203.89	6,797	16,456
203.38	6,401	13,090	203.90	6,805	16,524
203.39	6,408	13,154	203.91	6,813	16,592
203.40	6,416	13,218	203.92	6,821	16,660
203.41	6,424	13,282	203.93	6,829	16,728
203.42	6,432	13,347	203.94	6,836	16,796
203.43	6,440	13,411	203.95	6,844	16,865
203.44	6,447	13,476	203.96	6,852	16,933
203.45	6,455	13,540	203.97	6,860	17,002
203.46	6,463	13,605	203.98	6,867	17,070
203.47	6,471	13,669	203.99	6,875	17,139
203.48	6,478	13,734	204.00	6,883	17,208
203.49	6,486	13,799	204.01	6,891	17,277
203.50	6,494	13,864	204.02	6,899	17,346
203.51	6,502	13,929	204.03	6,907	17,415
203.52	6,510	13,994	204.04	6,915	17,484
203.53	6,517	14,059	204.05	6,923	17,553
203.54	6,525	14,124	204.06	6,930	17,622
203.55	6,533	14,189	204.07	6,938	17,692
203.56	6,541	14,255	204.08	6,946	17,761
203.57	6,548	14,320	204.09	6,954	17,831
203.58	6,556	14,386	204.10	6,962	17,900
203.59	6,564	14,451	204.11	6,970	17,970

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	6,978	18,040	204.64	7,389	21,775
204.13	6,986	18,109	204.65	7,397	21,849
204.14	6,994	18,179	204.66	7,405	21,923
204.15	7,002	18,249	204.67	7,413	21,997
204.16	7,010	18,319	204.68	7,421	22,071
204.17	7,017	18,390	204.69	7,429	22,146
204.18	7,025	18,460	204.70	7,437	22,220
204.19	7,033	18,530	204.71	7,445	22,294
204.20	7,041	18,600	204.72	7,453	22,369
204.21	7,049	18,671	204.73	7,460	22,443
204.22	7,057	18,741	204.74	7,468	22,518
204.23	7,065	18,812	204.75	7,476	22,593
204.24	7,073	18,883	204.76	7,484	22,668
204.25	7,081	18,953	204.77	7,492	22,742
204.26	7,089	19,024	204.78	7,500	22,817
204.27	7,097	19,095	204.79	7,508	22,892
204.28	7,104	19,166	204.80	7,516	22,968
204.29	7,112	19,237	204.81	7,524	23,043
204.30	7,120	19,308	204.82	7,532	23,118
204.31	7,128	19,380	204.83	7,540	23,193
204.32	7,136	19,451	204.84	7,547	23,269
204.33	7,144	19,522	204.85	7,555	23,344
204.34	7,152	19,594	204.86	7,563	23,420
204.35	7,160	19,665	204.87	7,571	23,496
204.36	7,168	19,737	204.88	7,579	23,571
204.37	7,176	19,809	204.89	7,587	23,647
204.38	7,184	19,881	204.90	7,595	23,723
204.39	7,191	19,953	204.91	7,603	23,799
204.40	7,199	20,024	204.92	7,611	23,875
204.41	7,207	20,097	204.93	7,619	23,951
204.42	7,215	20,169	204.94	7,627	24,027
204.43	7,223	20,241	204.95	7,634	24,104
204.44	7,231	20,313	204.96	7,642	24,180
204.45	7,239	20,385	204.97	7,650	24,257
204.46	7,247	20,458	204.98	7,658	24,333
204.47	7,255	20,530	204.99	7,666	24,410
204.48	7,263	20,603	205.00	7,674	24,487
204.49	7,271	20,676			
204.50	7,279	20,748			
204.51	7,286	20,821			
204.52	7,294	20,894			
204.53	7,302	20,967			
204.54	7,310	21,040			
204.55	7,318	21,113			
204.56	7,326	21,187			
204.57	7,334	21,260			
204.58	7,342	21,333			
204.59	7,350	21,407			
204.60	7,358	21,480			
204.61	7,366	21,554			
204.62	7,373	21,627			
204.63	7,381	21,701			

Summary for Pond B-13: Basin #13

Inflow Area = 2.350 ac, 62.43% Impervious, Inflow Depth = 2.82" for Future 2 yr event
 Inflow = 6.55 cfs @ 12.17 hrs, Volume= 0.551 af
 Outflow = 0.18 cfs @ 16.53 hrs, Volume= 0.343 af, Atten= 97%, Lag= 261.3 min
 Primary = 0.18 cfs @ 16.53 hrs, Volume= 0.343 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.04' @ 16.53 hrs Surf.Area= 9,689 sf Storage= 18,005 cf

Plug-Flow detention time= 805.8 min calculated for 0.343 af (62% of inflow)
 Center-of-Mass det. time= 694.6 min (1,472.1 - 777.4)

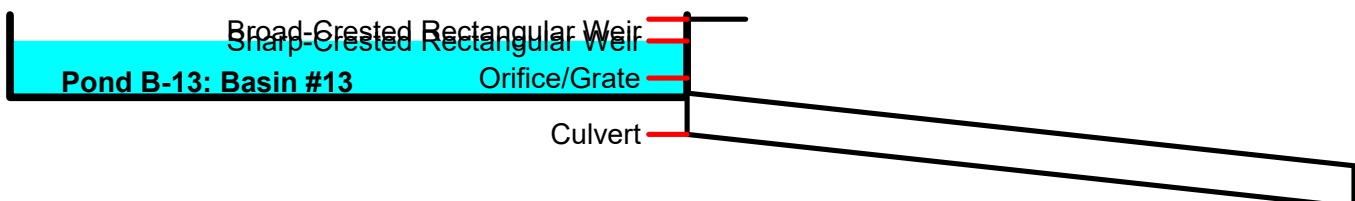
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	27,707 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

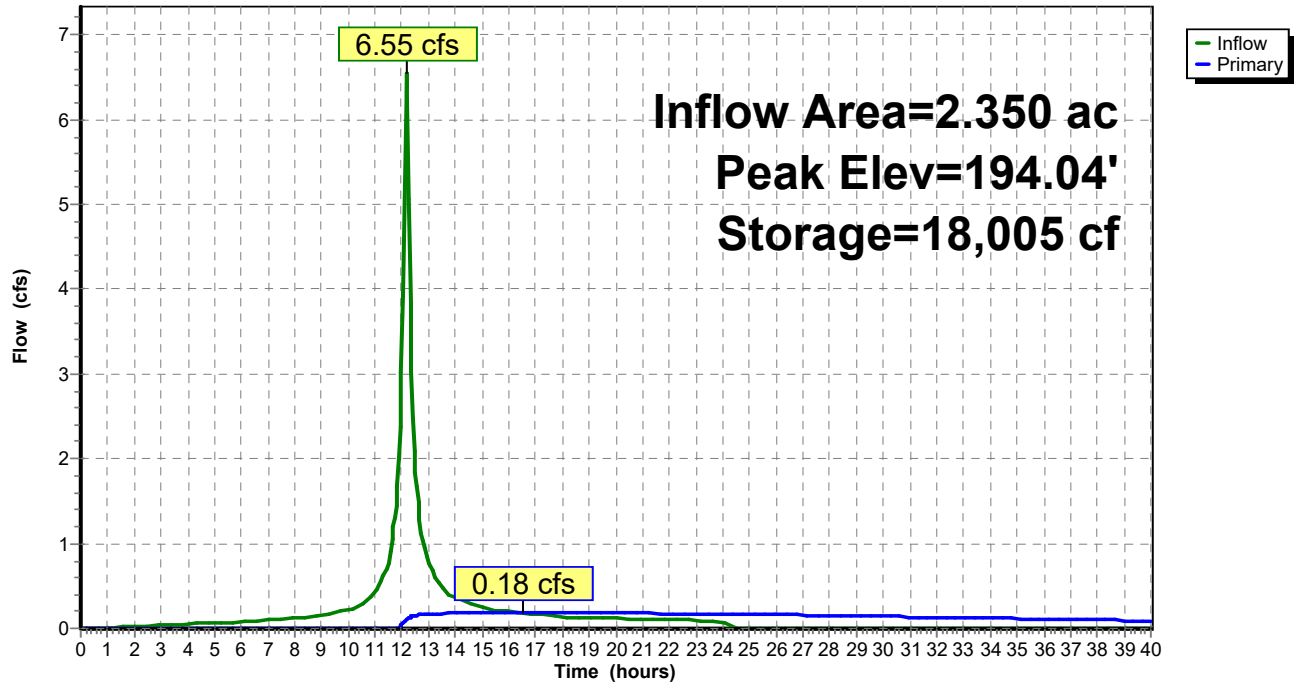
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,975	0	0
193.00	8,804	8,390	8,390
194.00	9,654	9,229	17,619
195.00	10,522	10,088	27,707

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 57.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0465 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.85'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.18 cfs @ 16.53 hrs HW=194.04' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 13.83 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.35 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-13: Basin #13**Hydrograph**

Hydrograph for Pond B-13: Basin #13

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	0	192.00	0.00
0.70	0.00	0	192.00	0.00
0.80	0.00	0	192.00	0.00
0.90	0.00	0	192.00	0.00
1.00	0.00	0	192.00	0.00
1.10	0.00	0	192.00	0.00
1.20	0.00	1	192.00	0.00
1.30	0.00	2	192.00	0.00
1.40	0.01	4	192.00	0.00
1.50	0.01	7	192.00	0.00
1.60	0.01	11	192.00	0.00
1.70	0.01	15	192.00	0.00
1.80	0.02	21	192.00	0.00
1.90	0.02	27	192.00	0.00
2.00	0.02	34	192.00	0.00
2.10	0.02	41	192.01	0.00
2.20	0.02	50	192.01	0.00
2.30	0.03	59	192.01	0.00
2.40	0.03	68	192.01	0.00
2.50	0.03	79	192.01	0.00
2.60	0.03	90	192.01	0.00
2.70	0.03	101	192.01	0.00
2.80	0.03	113	192.01	0.00
2.90	0.04	126	192.02	0.00
3.00	0.04	139	192.02	0.00
3.10	0.04	153	192.02	0.00
3.20	0.04	167	192.02	0.00
3.30	0.04	182	192.02	0.00
3.40	0.04	198	192.02	0.00
3.50	0.05	214	192.03	0.00
3.60	0.05	230	192.03	0.00
3.70	0.05	247	192.03	0.00
3.80	0.05	265	192.03	0.00
3.90	0.05	283	192.04	0.00
4.00	0.05	301	192.04	0.00
4.10	0.05	320	192.04	0.00
4.20	0.05	339	192.04	0.00
4.30	0.06	358	192.04	0.00
4.40	0.06	379	192.05	0.00
4.50	0.06	399	192.05	0.00
4.60	0.06	420	192.05	0.00
4.70	0.06	441	192.06	0.00
4.80	0.06	463	192.06	0.00
4.90	0.06	485	192.06	0.00
5.00	0.06	508	192.06	0.00
5.10	0.06	531	192.07	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	554	192.07	0.00
5.30	0.07	578	192.07	0.00
5.40	0.07	602	192.08	0.00
5.50	0.07	626	192.08	0.00
5.60	0.07	651	192.08	0.00
5.70	0.07	676	192.08	0.00
5.80	0.07	701	192.09	0.00
5.90	0.07	727	192.09	0.00
6.00	0.07	753	192.09	0.00
6.10	0.07	780	192.10	0.00
6.20	0.08	807	192.10	0.00
6.30	0.08	835	192.10	0.00
6.40	0.08	863	192.11	0.00
6.50	0.08	893	192.11	0.00
6.60	0.09	923	192.12	0.00
6.70	0.09	955	192.12	0.00
6.80	0.09	987	192.12	0.00
6.90	0.09	1,020	192.13	0.00
7.00	0.10	1,054	192.13	0.00
7.10	0.10	1,088	192.14	0.00
7.20	0.10	1,124	192.14	0.00
7.30	0.10	1,160	192.14	0.00
7.40	0.10	1,198	192.15	0.00
7.50	0.11	1,236	192.15	0.00
7.60	0.11	1,275	192.16	0.00
7.70	0.11	1,315	192.16	0.00
7.80	0.11	1,356	192.17	0.00
7.90	0.12	1,397	192.17	0.00
8.00	0.12	1,440	192.18	0.00
8.10	0.12	1,484	192.18	0.00
8.20	0.12	1,528	192.19	0.00
8.30	0.13	1,573	192.20	0.00
8.40	0.13	1,619	192.20	0.00
8.50	0.13	1,666	192.21	0.00
8.60	0.13	1,714	192.21	0.00
8.70	0.14	1,763	192.22	0.00
8.80	0.14	1,813	192.22	0.00
8.90	0.14	1,863	192.23	0.00
9.00	0.14	1,915	192.24	0.00
9.10	0.15	1,967	192.24	0.00
9.20	0.16	2,022	192.25	0.00
9.30	0.16	2,079	192.26	0.00
9.40	0.17	2,139	192.26	0.00
9.50	0.18	2,203	192.27	0.00
9.60	0.19	2,269	192.28	0.00
9.70	0.20	2,338	192.29	0.00
9.80	0.21	2,410	192.30	0.00
9.90	0.21	2,486	192.31	0.00
10.00	0.22	2,564	192.32	0.00
10.10	0.23	2,646	192.33	0.00
10.20	0.24	2,731	192.34	0.00
10.30	0.25	2,819	192.35	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,911	192.36	0.00
10.50	0.27	3,006	192.37	0.00
10.60	0.29	3,107	192.38	0.00
10.70	0.32	3,215	192.40	0.00
10.80	0.35	3,336	192.41	0.00
10.90	0.39	3,468	192.43	0.00
11.00	0.42	3,615	192.44	0.00
11.10	0.47	3,775	192.46	0.00
11.20	0.53	3,955	192.48	0.00
11.30	0.60	4,159	192.51	0.00
11.40	0.67	4,389	192.54	0.00
11.50	0.75	4,645	192.57	0.00
11.60	0.90	4,936	192.60	0.00
11.70	1.20	5,316	192.64	0.00
11.80	1.46	5,788	192.70	0.00
11.90	1.98	6,398	192.77	0.01
12.00	3.03	7,268	192.87	0.04
12.10	5.19	8,690	193.03	0.08
12.20	6.33	10,849	193.28	0.11
12.30	3.85	12,633	193.47	0.13
12.40	2.49	13,701	193.59	0.15
12.50	1.83	14,412	193.66	0.15
12.60	1.49	14,956	193.72	0.16
12.70	1.12	15,363	193.76	0.16
12.80	0.97	15,679	193.80	0.16
12.90	0.87	15,951	193.83	0.17
13.00	0.79	16,190	193.85	0.17
13.10	0.71	16,399	193.87	0.17
13.20	0.63	16,578	193.89	0.17
13.30	0.58	16,734	193.91	0.17
13.40	0.53	16,872	193.92	0.17
13.50	0.49	16,994	193.94	0.17
13.60	0.44	17,099	193.95	0.18
13.70	0.41	17,189	193.96	0.18
13.80	0.39	17,268	193.96	0.18
13.90	0.38	17,342	193.97	0.18
14.00	0.36	17,412	193.98	0.18
14.10	0.35	17,476	193.99	0.18
14.20	0.34	17,537	193.99	0.18
14.30	0.33	17,593	194.00	0.18
14.40	0.32	17,645	194.00	0.18
14.50	0.31	17,693	194.01	0.18
14.60	0.29	17,736	194.01	0.18
14.70	0.28	17,775	194.02	0.18
14.80	0.27	17,809	194.02	0.18
14.90	0.26	17,840	194.02	0.18
15.00	0.25	17,866	194.03	0.18
15.10	0.24	17,887	194.03	0.18
15.20	0.23	17,905	194.03	0.18
15.30	0.22	17,920	194.03	0.18
15.40	0.22	17,933	194.03	0.18
15.50	0.21	17,945	194.03	0.18

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	17,956	194.03	0.18
15.70	0.21	17,966	194.04	0.18
15.80	0.20	17,975	194.04	0.18
15.90	0.20	17,983	194.04	0.18
16.00	0.20	17,989	194.04	0.18
16.10	0.20	17,995	194.04	0.18
16.20	0.19	17,999	194.04	0.18
16.30	0.19	18,002	194.04	0.18
16.40	0.19	18,004	194.04	0.18
16.50	0.18	18,005	194.04	0.18
16.60	0.18	18,005	194.04	0.18
16.70	0.18	18,003	194.04	0.18
16.80	0.17	18,001	194.04	0.18
16.90	0.17	17,997	194.04	0.18
17.00	0.17	17,993	194.04	0.18
17.10	0.16	17,987	194.04	0.18
17.20	0.16	17,980	194.04	0.18
17.30	0.16	17,972	194.04	0.18
17.40	0.15	17,963	194.04	0.18
17.50	0.15	17,952	194.03	0.18
17.60	0.15	17,941	194.03	0.18
17.70	0.15	17,929	194.03	0.18
17.80	0.14	17,915	194.03	0.18
17.90	0.14	17,900	194.03	0.18
18.00	0.14	17,885	194.03	0.18
18.10	0.13	17,868	194.03	0.18
18.20	0.13	17,850	194.02	0.18
18.30	0.13	17,831	194.02	0.18
18.40	0.13	17,813	194.02	0.18
18.50	0.13	17,794	194.02	0.18
18.60	0.13	17,774	194.02	0.18
18.70	0.13	17,755	194.01	0.18
18.80	0.13	17,735	194.01	0.18
18.90	0.12	17,715	194.01	0.18
19.00	0.12	17,695	194.01	0.18
19.10	0.12	17,674	194.01	0.18
19.20	0.12	17,654	194.00	0.18
19.30	0.12	17,633	194.00	0.18
19.40	0.12	17,611	194.00	0.18
19.50	0.12	17,590	194.00	0.18
19.60	0.12	17,569	193.99	0.18
19.70	0.12	17,547	193.99	0.18
19.80	0.12	17,525	193.99	0.18
19.90	0.12	17,503	193.99	0.18
20.00	0.12	17,480	193.99	0.18
20.10	0.12	17,458	193.98	0.18
20.20	0.11	17,435	193.98	0.18
20.30	0.11	17,412	193.98	0.18
20.40	0.11	17,389	193.98	0.18
20.50	0.11	17,365	193.97	0.18
20.60	0.11	17,341	193.97	0.18
20.70	0.11	17,317	193.97	0.18

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	17,293	193.97	0.18
20.90	0.11	17,269	193.96	0.18
21.00	0.11	17,244	193.96	0.18
21.10	0.11	17,220	193.96	0.18
21.20	0.11	17,195	193.96	0.18
21.30	0.11	17,169	193.95	0.18
21.40	0.11	17,144	193.95	0.18
21.50	0.10	17,118	193.95	0.18
21.60	0.10	17,093	193.95	0.18
21.70	0.10	17,067	193.94	0.18
21.80	0.10	17,040	193.94	0.17
21.90	0.10	17,014	193.94	0.17
22.00	0.10	16,987	193.93	0.17
22.10	0.10	16,960	193.93	0.17
22.20	0.10	16,933	193.93	0.17
22.30	0.10	16,906	193.93	0.17
22.40	0.10	16,879	193.92	0.17
22.50	0.10	16,851	193.92	0.17
22.60	0.10	16,823	193.92	0.17
22.70	0.09	16,795	193.91	0.17
22.80	0.09	16,767	193.91	0.17
22.90	0.09	16,738	193.91	0.17
23.00	0.09	16,709	193.91	0.17
23.10	0.09	16,681	193.90	0.17
23.20	0.09	16,651	193.90	0.17
23.30	0.09	16,622	193.90	0.17
23.40	0.09	16,592	193.89	0.17
23.50	0.09	16,563	193.89	0.17
23.60	0.09	16,533	193.89	0.17
23.70	0.09	16,503	193.88	0.17
23.80	0.09	16,473	193.88	0.17
23.90	0.08	16,442	193.88	0.17
24.00	0.09	16,412	193.87	0.17
24.10	0.08	16,382	193.87	0.17
24.20	0.02	16,338	193.87	0.17
24.30	0.00	16,281	193.86	0.17
24.40	0.00	16,222	193.85	0.17
24.50	0.00	16,161	193.85	0.17
24.60	0.00	16,101	193.84	0.17
24.70	0.00	16,041	193.84	0.17
24.80	0.00	15,981	193.83	0.17
24.90	0.00	15,921	193.82	0.17
25.00	0.00	15,862	193.82	0.17
25.10	0.00	15,803	193.81	0.16
25.20	0.00	15,743	193.80	0.16
25.30	0.00	15,684	193.80	0.16
25.40	0.00	15,626	193.79	0.16
25.50	0.00	15,567	193.79	0.16
25.60	0.00	15,509	193.78	0.16
25.70	0.00	15,450	193.77	0.16
25.80	0.00	15,392	193.77	0.16
25.90	0.00	15,334	193.76	0.16

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,277	193.75	0.16
26.10	0.00	15,219	193.75	0.16
26.20	0.00	15,162	193.74	0.16
26.30	0.00	15,105	193.74	0.16
26.40	0.00	15,048	193.73	0.16
26.50	0.00	14,991	193.72	0.16
26.60	0.00	14,934	193.72	0.16
26.70	0.00	14,878	193.71	0.16
26.80	0.00	14,822	193.71	0.16
26.90	0.00	14,766	193.70	0.16
27.00	0.00	14,710	193.69	0.15
27.10	0.00	14,654	193.69	0.15
27.20	0.00	14,599	193.68	0.15
27.30	0.00	14,543	193.68	0.15
27.40	0.00	14,488	193.67	0.15
27.50	0.00	14,433	193.67	0.15
27.60	0.00	14,379	193.66	0.15
27.70	0.00	14,324	193.65	0.15
27.80	0.00	14,270	193.65	0.15
27.90	0.00	14,216	193.64	0.15
28.00	0.00	14,162	193.64	0.15
28.10	0.00	14,108	193.63	0.15
28.20	0.00	14,054	193.62	0.15
28.30	0.00	14,001	193.62	0.15
28.40	0.00	13,947	193.61	0.15
28.50	0.00	13,894	193.61	0.15
28.60	0.00	13,842	193.60	0.15
28.70	0.00	13,789	193.60	0.15
28.80	0.00	13,736	193.59	0.15
28.90	0.00	13,684	193.58	0.15
29.00	0.00	13,632	193.58	0.14
29.10	0.00	13,580	193.57	0.14
29.20	0.00	13,528	193.57	0.14
29.30	0.00	13,477	193.56	0.14
29.40	0.00	13,425	193.56	0.14
29.50	0.00	13,374	193.55	0.14
29.60	0.00	13,323	193.55	0.14
29.70	0.00	13,272	193.54	0.14
29.80	0.00	13,222	193.54	0.14
29.90	0.00	13,171	193.53	0.14
30.00	0.00	13,121	193.52	0.14
30.10	0.00	13,071	193.52	0.14
30.20	0.00	13,021	193.51	0.14
30.30	0.00	12,972	193.51	0.14
30.40	0.00	12,922	193.50	0.14
30.50	0.00	12,873	193.50	0.14
30.60	0.00	12,824	193.49	0.14
30.70	0.00	12,775	193.49	0.14
30.80	0.00	12,726	193.48	0.14
30.90	0.00	12,678	193.48	0.13
31.00	0.00	12,629	193.47	0.13
31.10	0.00	12,581	193.47	0.13

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,533	193.46	0.13
31.30	0.00	12,485	193.46	0.13
31.40	0.00	12,438	193.45	0.13
31.50	0.00	12,390	193.44	0.13
31.60	0.00	12,343	193.44	0.13
31.70	0.00	12,296	193.43	0.13
31.80	0.00	12,249	193.43	0.13
31.90	0.00	12,203	193.42	0.13
32.00	0.00	12,156	193.42	0.13
32.10	0.00	12,110	193.41	0.13
32.20	0.00	12,064	193.41	0.13
32.30	0.00	12,018	193.40	0.13
32.40	0.00	11,972	193.40	0.13
32.50	0.00	11,927	193.39	0.13
32.60	0.00	11,882	193.39	0.13
32.70	0.00	11,837	193.38	0.13
32.80	0.00	11,792	193.38	0.12
32.90	0.00	11,747	193.37	0.12
33.00	0.00	11,702	193.37	0.12
33.10	0.00	11,658	193.36	0.12
33.20	0.00	11,614	193.36	0.12
33.30	0.00	11,570	193.36	0.12
33.40	0.00	11,526	193.35	0.12
33.50	0.00	11,483	193.35	0.12
33.60	0.00	11,439	193.34	0.12
33.70	0.00	11,396	193.34	0.12
33.80	0.00	11,353	193.33	0.12
33.90	0.00	11,310	193.33	0.12
34.00	0.00	11,268	193.32	0.12
34.10	0.00	11,225	193.32	0.12
34.20	0.00	11,183	193.31	0.12
34.30	0.00	11,141	193.31	0.12
34.40	0.00	11,099	193.30	0.12
34.50	0.00	11,058	193.30	0.12
34.60	0.00	11,016	193.29	0.11
34.70	0.00	10,975	193.29	0.11
34.80	0.00	10,934	193.29	0.11
34.90	0.00	10,893	193.28	0.11
35.00	0.00	10,852	193.28	0.11
35.10	0.00	10,812	193.27	0.11
35.20	0.00	10,771	193.27	0.11
35.30	0.00	10,731	193.26	0.11
35.40	0.00	10,691	193.26	0.11
35.50	0.00	10,652	193.25	0.11
35.60	0.00	10,612	193.25	0.11
35.70	0.00	10,573	193.25	0.11
35.80	0.00	10,534	193.24	0.11
35.90	0.00	10,495	193.24	0.11
36.00	0.00	10,456	193.23	0.11
36.10	0.00	10,417	193.23	0.11
36.20	0.00	10,379	193.22	0.11
36.30	0.00	10,341	193.22	0.11

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,303	193.22	0.11
36.50	0.00	10,265	193.21	0.10
36.60	0.00	10,228	193.21	0.10
36.70	0.00	10,190	193.20	0.10
36.80	0.00	10,153	193.20	0.10
36.90	0.00	10,116	193.19	0.10
37.00	0.00	10,079	193.19	0.10
37.10	0.00	10,043	193.19	0.10
37.20	0.00	10,006	193.18	0.10
37.30	0.00	9,970	193.18	0.10
37.40	0.00	9,934	193.17	0.10
37.50	0.00	9,898	193.17	0.10
37.60	0.00	9,862	193.17	0.10
37.70	0.00	9,827	193.16	0.10
37.80	0.00	9,792	193.16	0.10
37.90	0.00	9,757	193.15	0.10
38.00	0.00	9,722	193.15	0.10
38.10	0.00	9,687	193.15	0.10
38.20	0.00	9,653	193.14	0.10
38.30	0.00	9,618	193.14	0.09
38.40	0.00	9,584	193.13	0.09
38.50	0.00	9,551	193.13	0.09
38.60	0.00	9,517	193.13	0.09
38.70	0.00	9,483	193.12	0.09
38.80	0.00	9,450	193.12	0.09
38.90	0.00	9,417	193.12	0.09
39.00	0.00	9,384	193.11	0.09
39.10	0.00	9,351	193.11	0.09
39.20	0.00	9,319	193.11	0.09
39.30	0.00	9,287	193.10	0.09
39.40	0.00	9,254	193.10	0.09
39.50	0.00	9,223	193.09	0.09
39.60	0.00	9,191	193.09	0.09
39.70	0.00	9,159	193.09	0.09
39.80	0.00	9,128	193.08	0.09
39.90	0.00	9,097	193.08	0.09
40.00	0.00	9,066	193.08	0.09

Stage-Discharge for Pond B-13: Basin #13

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.00	193.04	0.08	193.56	0.14
192.01	0.00	192.53	0.00	193.05	0.08	193.57	0.14
192.02	0.00	192.54	0.00	193.06	0.08	193.58	0.14
192.03	0.00	192.55	0.00	193.07	0.08	193.59	0.15
192.04	0.00	192.56	0.00	193.08	0.09	193.60	0.15
192.05	0.00	192.57	0.00	193.09	0.09	193.61	0.15
192.06	0.00	192.58	0.00	193.10	0.09	193.62	0.15
192.07	0.00	192.59	0.00	193.11	0.09	193.63	0.15
192.08	0.00	192.60	0.00	193.12	0.09	193.64	0.15
192.09	0.00	192.61	0.00	193.13	0.09	193.65	0.15
192.10	0.00	192.62	0.00	193.14	0.10	193.66	0.15
192.11	0.00	192.63	0.00	193.15	0.10	193.67	0.15
192.12	0.00	192.64	0.00	193.16	0.10	193.68	0.15
192.13	0.00	192.65	0.00	193.17	0.10	193.69	0.15
192.14	0.00	192.66	0.00	193.18	0.10	193.70	0.16
192.15	0.00	192.67	0.00	193.19	0.10	193.71	0.16
192.16	0.00	192.68	0.00	193.20	0.10	193.72	0.16
192.17	0.00	192.69	0.00	193.21	0.10	193.73	0.16
192.18	0.00	192.70	0.00	193.22	0.11	193.74	0.16
192.19	0.00	192.71	0.00	193.23	0.11	193.75	0.16
192.20	0.00	192.72	0.00	193.24	0.11	193.76	0.16
192.21	0.00	192.73	0.00	193.25	0.11	193.77	0.16
192.22	0.00	192.74	0.00	193.26	0.11	193.78	0.16
192.23	0.00	192.75	0.00	193.27	0.11	193.79	0.16
192.24	0.00	192.76	0.01	193.28	0.11	193.80	0.16
192.25	0.00	192.77	0.01	193.29	0.11	193.81	0.16
192.26	0.00	192.78	0.01	193.30	0.12	193.82	0.17
192.27	0.00	192.79	0.01	193.31	0.12	193.83	0.17
192.28	0.00	192.80	0.02	193.32	0.12	193.84	0.17
192.29	0.00	192.81	0.02	193.33	0.12	193.85	0.17
192.30	0.00	192.82	0.02	193.34	0.12	193.86	0.17
192.31	0.00	192.83	0.03	193.35	0.12	193.87	0.17
192.32	0.00	192.84	0.03	193.36	0.12	193.88	0.17
192.33	0.00	192.85	0.03	193.37	0.12	193.89	0.17
192.34	0.00	192.86	0.04	193.38	0.12	193.90	0.17
192.35	0.00	192.87	0.04	193.39	0.13	193.91	0.17
192.36	0.00	192.88	0.05	193.40	0.13	193.92	0.17
192.37	0.00	192.89	0.05	193.41	0.13	193.93	0.17
192.38	0.00	192.90	0.05	193.42	0.13	193.94	0.17
192.39	0.00	192.91	0.05	193.43	0.13	193.95	0.18
192.40	0.00	192.92	0.06	193.44	0.13	193.96	0.18
192.41	0.00	192.93	0.06	193.45	0.13	193.97	0.18
192.42	0.00	192.94	0.06	193.46	0.13	193.98	0.18
192.43	0.00	192.95	0.06	193.47	0.13	193.99	0.18
192.44	0.00	192.96	0.06	193.48	0.13	194.00	0.18
192.45	0.00	192.97	0.07	193.49	0.14	194.01	0.18
192.46	0.00	192.98	0.07	193.50	0.14	194.02	0.18
192.47	0.00	192.99	0.07	193.51	0.14	194.03	0.18
192.48	0.00	193.00	0.07	193.52	0.14	194.04	0.18
192.49	0.00	193.01	0.07	193.53	0.14	194.05	0.18
192.50	0.00	193.02	0.08	193.54	0.14	194.06	0.20
192.51	0.00	193.03	0.08	193.55	0.14	194.07	0.22

Stage-Discharge for Pond B-13: Basin #13 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	0.25	194.60	5.41
194.09	0.29	194.61	5.55
194.10	0.33	194.62	5.69
194.11	0.38	194.63	5.83
194.12	0.43	194.64	5.98
194.13	0.48	194.65	6.12
194.14	0.54	194.66	6.27
194.15	0.60	194.67	6.41
194.16	0.67	194.68	6.56
194.17	0.73	194.69	6.71
194.18	0.80	194.70	6.86
194.19	0.87	194.71	7.01
194.20	0.95	194.72	7.16
194.21	1.03	194.73	7.31
194.22	1.10	194.74	7.47
194.23	1.19	194.75	7.62
194.24	1.27	194.76	7.78
194.25	1.36	194.77	7.93
194.26	1.44	194.78	8.09
194.27	1.53	194.79	8.25
194.28	1.63	194.80	8.41
194.29	1.72	194.81	8.57
194.30	1.82	194.82	8.73
194.31	1.91	194.83	8.89
194.32	2.01	194.84	9.06
194.33	2.11	194.85	9.22
194.34	2.22	194.86	9.50
194.35	2.32	194.87	9.88
194.36	2.43	194.88	10.33
194.37	2.54	194.89	10.82
194.38	2.64	194.90	11.36
194.39	2.76	194.91	11.95
194.40	2.87	194.92	12.57
194.41	2.98	194.93	13.22
194.42	3.10	194.94	13.91
194.43	3.22	194.95	14.62
194.44	3.33	194.96	15.37
194.45	3.45	194.97	16.14
194.46	3.57	194.98	16.95
194.47	3.70	194.99	17.77
194.48	3.82	195.00	18.63
194.49	3.95		
194.50	4.07		
194.51	4.20		
194.52	4.33		
194.53	4.46		
194.54	4.59		
194.55	4.73		
194.56	4.86		
194.57	5.00		
194.58	5.13		
194.59	5.27		

Stage-Area-Storage for Pond B-13: Basin #13

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,975	0	192.52	8,406	4,259
192.01	7,983	80	192.53	8,414	4,343
192.02	7,992	160	192.54	8,423	4,427
192.03	8,000	240	192.55	8,431	4,512
192.04	8,008	320	192.56	8,439	4,596
192.05	8,016	400	192.57	8,448	4,680
192.06	8,025	480	192.58	8,456	4,765
192.07	8,033	560	192.59	8,464	4,850
192.08	8,041	641	192.60	8,472	4,934
192.09	8,050	721	192.61	8,481	5,019
192.10	8,058	802	192.62	8,489	5,104
192.11	8,066	882	192.63	8,497	5,189
192.12	8,074	963	192.64	8,506	5,274
192.13	8,083	1,044	192.65	8,514	5,359
192.14	8,091	1,125	192.66	8,522	5,444
192.15	8,099	1,206	192.67	8,530	5,529
192.16	8,108	1,287	192.68	8,539	5,615
192.17	8,116	1,368	192.69	8,547	5,700
192.18	8,124	1,449	192.70	8,555	5,786
192.19	8,133	1,530	192.71	8,564	5,871
192.20	8,141	1,612	192.72	8,572	5,957
192.21	8,149	1,693	192.73	8,580	6,043
192.22	8,157	1,775	192.74	8,588	6,128
192.23	8,166	1,856	192.75	8,597	6,214
192.24	8,174	1,938	192.76	8,605	6,300
192.25	8,182	2,020	192.77	8,613	6,387
192.26	8,191	2,102	192.78	8,622	6,473
192.27	8,199	2,183	192.79	8,630	6,559
192.28	8,207	2,265	192.80	8,638	6,645
192.29	8,215	2,348	192.81	8,646	6,732
192.30	8,224	2,430	192.82	8,655	6,818
192.31	8,232	2,512	192.83	8,663	6,905
192.32	8,240	2,594	192.84	8,671	6,991
192.33	8,249	2,677	192.85	8,680	7,078
192.34	8,257	2,759	192.86	8,688	7,165
192.35	8,265	2,842	192.87	8,696	7,252
192.36	8,273	2,925	192.88	8,705	7,339
192.37	8,282	3,007	192.89	8,713	7,426
192.38	8,290	3,090	192.90	8,721	7,513
192.39	8,298	3,173	192.91	8,729	7,600
192.40	8,307	3,256	192.92	8,738	7,688
192.41	8,315	3,339	192.93	8,746	7,775
192.42	8,323	3,423	192.94	8,754	7,863
192.43	8,331	3,506	192.95	8,763	7,950
192.44	8,340	3,589	192.96	8,771	8,038
192.45	8,348	3,673	192.97	8,779	8,126
192.46	8,356	3,756	192.98	8,787	8,214
192.47	8,365	3,840	192.99	8,796	8,302
192.48	8,373	3,924	193.00	8,804	8,390
192.49	8,381	4,007	193.01	8,812	8,478
192.50	8,390	4,091	193.02	8,821	8,566
192.51	8,398	4,175	193.03	8,830	8,654

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	8,838	8,742	193.56	9,280	13,453
193.05	8,847	8,831	193.57	9,288	13,546
193.06	8,855	8,919	193.58	9,297	13,639
193.07	8,863	9,008	193.59	9,306	13,732
193.08	8,872	9,097	193.60	9,314	13,825
193.09	8,881	9,185	193.61	9,323	13,918
193.10	8,889	9,274	193.62	9,331	14,011
193.11	8,898	9,363	193.63	9,339	14,105
193.12	8,906	9,452	193.64	9,348	14,198
193.13	8,914	9,541	193.65	9,357	14,292
193.14	8,923	9,630	193.66	9,365	14,385
193.15	8,932	9,720	193.67	9,373	14,479
193.16	8,940	9,809	193.68	9,382	14,573
193.17	8,948	9,898	193.69	9,390	14,667
193.18	8,957	9,988	193.70	9,399	14,761
193.19	8,965	10,078	193.71	9,408	14,855
193.20	8,974	10,167	193.72	9,416	14,949
193.21	8,983	10,257	193.73	9,424	15,043
193.22	8,991	10,347	193.74	9,433	15,137
193.23	8,999	10,437	193.75	9,442	15,232
193.24	9,008	10,527	193.76	9,450	15,326
193.25	9,017	10,617	193.77	9,459	15,421
193.26	9,025	10,707	193.78	9,467	15,515
193.27	9,034	10,798	193.79	9,475	15,610
193.28	9,042	10,888	193.80	9,484	15,705
193.29	9,050	10,978	193.81	9,493	15,800
193.30	9,059	11,069	193.82	9,501	15,895
193.31	9,068	11,160	193.83	9,510	15,990
193.32	9,076	11,250	193.84	9,518	16,085
193.33	9,085	11,341	193.85	9,526	16,180
193.34	9,093	11,432	193.86	9,535	16,275
193.35	9,101	11,523	193.87	9,544	16,371
193.36	9,110	11,614	193.88	9,552	16,466
193.37	9,119	11,705	193.89	9,560	16,562
193.38	9,127	11,796	193.90	9,569	16,657
193.39	9,135	11,888	193.91	9,577	16,753
193.40	9,144	11,979	193.92	9,586	16,849
193.41	9,152	12,071	193.93	9,595	16,945
193.42	9,161	12,162	193.94	9,603	17,041
193.43	9,170	12,254	193.95	9,611	17,137
193.44	9,178	12,346	193.96	9,620	17,233
193.45	9,186	12,437	193.97	9,628	17,329
193.46	9,195	12,529	193.98	9,637	17,426
193.47	9,203	12,621	193.99	9,646	17,522
193.48	9,212	12,713	194.00	9,654	17,619
193.49	9,221	12,806	194.01	9,663	17,715
193.50	9,229	12,898	194.02	9,671	17,812
193.51	9,237	12,990	194.03	9,680	17,909
193.52	9,246	13,083	194.04	9,689	18,005
193.53	9,255	13,175	194.05	9,697	18,102
193.54	9,263	13,268	194.06	9,706	18,199
193.55	9,272	13,360	194.07	9,715	18,296

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	9,723	18,394	194.60	10,175	23,567
194.09	9,732	18,491	194.61	10,183	23,669
194.10	9,741	18,588	194.62	10,192	23,771
194.11	9,749	18,686	194.63	10,201	23,873
194.12	9,758	18,783	194.64	10,210	23,975
194.13	9,767	18,881	194.65	10,218	24,077
194.14	9,776	18,979	194.66	10,227	24,179
194.15	9,784	19,076	194.67	10,236	24,282
194.16	9,793	19,174	194.68	10,244	24,384
194.17	9,802	19,272	194.69	10,253	24,486
194.18	9,810	19,370	194.70	10,262	24,589
194.19	9,819	19,468	194.71	10,270	24,692
194.20	9,828	19,567	194.72	10,279	24,794
194.21	9,836	19,665	194.73	10,288	24,897
194.22	9,845	19,763	194.74	10,296	25,000
194.23	9,854	19,862	194.75	10,305	25,103
194.24	9,862	19,960	194.76	10,314	25,206
194.25	9,871	20,059	194.77	10,322	25,309
194.26	9,880	20,158	194.78	10,331	25,413
194.27	9,888	20,257	194.79	10,340	25,516
194.28	9,897	20,356	194.80	10,348	25,619
194.29	9,906	20,455	194.81	10,357	25,723
194.30	9,914	20,554	194.82	10,366	25,827
194.31	9,923	20,653	194.83	10,374	25,930
194.32	9,932	20,752	194.84	10,383	26,034
194.33	9,940	20,852	194.85	10,392	26,138
194.34	9,949	20,951	194.86	10,400	26,242
194.35	9,958	21,051	194.87	10,409	26,346
194.36	9,966	21,150	194.88	10,418	26,450
194.37	9,975	21,250	194.89	10,427	26,554
194.38	9,984	21,350	194.90	10,435	26,659
194.39	9,993	21,450	194.91	10,444	26,763
194.40	10,001	21,550	194.92	10,453	26,868
194.41	10,010	21,650	194.93	10,461	26,972
194.42	10,019	21,750	194.94	10,470	27,077
194.43	10,027	21,850	194.95	10,479	27,181
194.44	10,036	21,950	194.96	10,487	27,286
194.45	10,045	22,051	194.97	10,496	27,391
194.46	10,053	22,151	194.98	10,505	27,496
194.47	10,062	22,252	194.99	10,513	27,601
194.48	10,071	22,352	195.00	10,522	27,707
194.49	10,079	22,453			
194.50	10,088	22,554			
194.51	10,097	22,655			
194.52	10,105	22,756			
194.53	10,114	22,857			
194.54	10,123	22,958			
194.55	10,131	23,059			
194.56	10,140	23,161			
194.57	10,149	23,262			
194.58	10,157	23,364			
194.59	10,166	23,465			

Summary for Pond B-14: Basin #14

Inflow Area = 2.148 ac, 23.65% Impervious, Inflow Depth = 1.99" for Future 2 yr event
 Inflow = 4.42 cfs @ 12.18 hrs, Volume= 0.356 af
 Outflow = 0.15 cfs @ 16.06 hrs, Volume= 0.262 af, Atten= 97%, Lag= 232.9 min
 Primary = 0.15 cfs @ 16.06 hrs, Volume= 0.262 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.39' @ 16.06 hrs Surf.Area= 8,046 sf Storage= 10,640 cf

Plug-Flow detention time= 701.2 min calculated for 0.261 af (73% of inflow)
 Center-of-Mass det. time= 603.2 min (1,418.1 - 814.9)

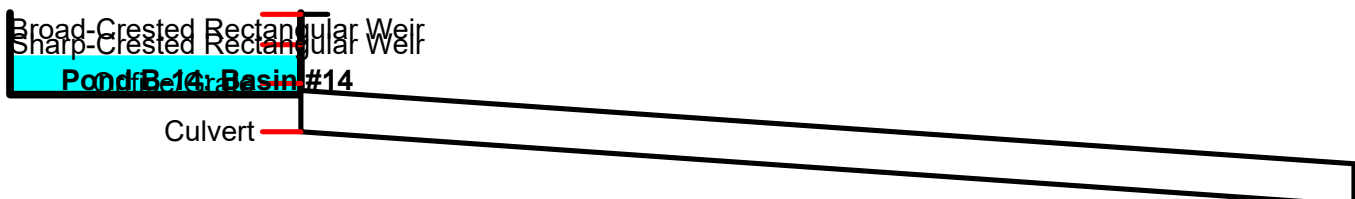
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	23,910 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,240	0	0
193.00	7,814	7,527	7,527
194.00	8,405	8,110	15,637
194.95	9,012	8,273	23,910

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 194.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0137 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.80'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.90'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

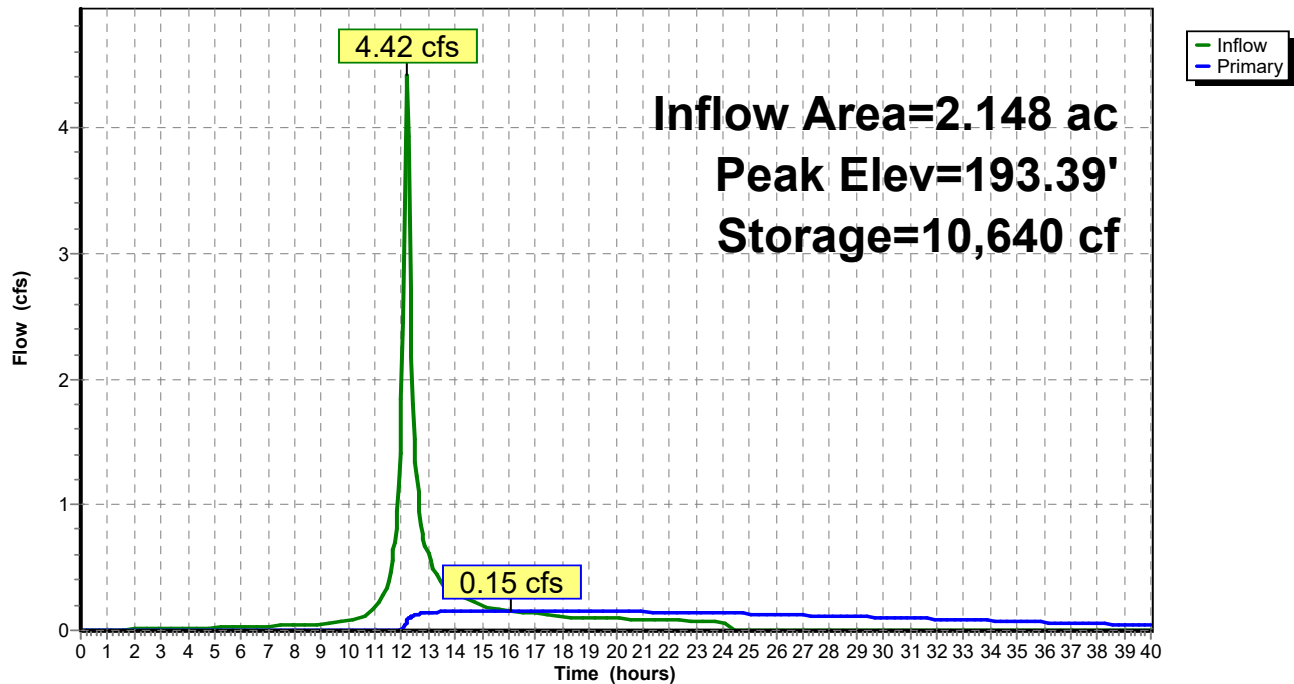
Primary OutFlow Max=0.15 cfs @ 16.06 hrs HW=193.39' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 12.01 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.54 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-14: Basin #14

Hydrograph



Hydrograph for Pond B-14: Basin #14

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	0	192.00	0.00
0.70	0.00	0	192.00	0.00
0.80	0.00	0	192.00	0.00
0.90	0.00	0	192.00	0.00
1.00	0.00	0	192.00	0.00
1.10	0.00	0	192.00	0.00
1.20	0.00	0	192.00	0.00
1.30	0.00	1	192.00	0.00
1.40	0.00	1	192.00	0.00
1.50	0.00	2	192.00	0.00
1.60	0.00	4	192.00	0.00
1.70	0.00	5	192.00	0.00
1.80	0.01	7	192.00	0.00
1.90	0.01	9	192.00	0.00
2.00	0.01	12	192.00	0.00
2.10	0.01	14	192.00	0.00
2.20	0.01	17	192.00	0.00
2.30	0.01	20	192.00	0.00
2.40	0.01	24	192.00	0.00
2.50	0.01	27	192.00	0.00
2.60	0.01	31	192.00	0.00
2.70	0.01	35	192.00	0.00
2.80	0.01	39	192.01	0.00
2.90	0.01	44	192.01	0.00
3.00	0.01	48	192.01	0.00
3.10	0.01	53	192.01	0.00
3.20	0.01	58	192.01	0.00
3.30	0.01	63	192.01	0.00
3.40	0.02	69	192.01	0.00
3.50	0.02	74	192.01	0.00
3.60	0.02	80	192.01	0.00
3.70	0.02	86	192.01	0.00
3.80	0.02	92	192.01	0.00
3.90	0.02	98	192.01	0.00
4.00	0.02	104	192.01	0.00
4.10	0.02	111	192.02	0.00
4.20	0.02	117	192.02	0.00
4.30	0.02	124	192.02	0.00
4.40	0.02	131	192.02	0.00
4.50	0.02	138	192.02	0.00
4.60	0.02	145	192.02	0.00
4.70	0.02	153	192.02	0.00
4.80	0.02	160	192.02	0.00
4.90	0.02	168	192.02	0.00
5.00	0.02	176	192.02	0.00
5.10	0.02	184	192.03	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	192	192.03	0.00
5.30	0.02	200	192.03	0.00
5.40	0.02	208	192.03	0.00
5.50	0.02	217	192.03	0.00
5.60	0.02	225	192.03	0.00
5.70	0.02	234	192.03	0.00
5.80	0.02	243	192.03	0.00
5.90	0.02	252	192.03	0.00
6.00	0.03	261	192.04	0.00
6.10	0.03	270	192.04	0.00
6.20	0.03	279	192.04	0.00
6.30	0.03	289	192.04	0.00
6.40	0.03	299	192.04	0.00
6.50	0.03	309	192.04	0.00
6.60	0.03	320	192.04	0.00
6.70	0.03	331	192.05	0.00
6.80	0.03	342	192.05	0.00
6.90	0.03	353	192.05	0.00
7.00	0.03	365	192.05	0.00
7.10	0.03	377	192.05	0.00
7.20	0.03	389	192.05	0.00
7.30	0.04	402	192.06	0.00
7.40	0.04	415	192.06	0.00
7.50	0.04	428	192.06	0.00
7.60	0.04	441	192.06	0.00
7.70	0.04	455	192.06	0.00
7.80	0.04	469	192.06	0.00
7.90	0.04	484	192.07	0.00
8.00	0.04	499	192.07	0.00
8.10	0.04	514	192.07	0.00
8.20	0.04	529	192.07	0.00
8.30	0.04	545	192.08	0.00
8.40	0.04	561	192.08	0.00
8.50	0.05	577	192.08	0.00
8.60	0.05	594	192.08	0.00
8.70	0.05	611	192.08	0.00
8.80	0.05	628	192.09	0.00
8.90	0.05	645	192.09	0.00
9.00	0.05	663	192.09	0.00
9.10	0.05	681	192.09	0.00
9.20	0.05	700	192.10	0.00
9.30	0.06	720	192.10	0.00
9.40	0.06	741	192.10	0.00
9.50	0.06	763	192.10	0.00
9.60	0.07	786	192.11	0.00
9.70	0.07	810	192.11	0.00
9.80	0.07	835	192.11	0.00
9.90	0.07	861	192.12	0.00
10.00	0.08	888	192.12	0.00
10.10	0.08	916	192.13	0.00
10.20	0.08	946	192.13	0.00
10.30	0.09	977	192.13	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	1,011	192.14	0.00
10.50	0.10	1,046	192.14	0.00
10.60	0.11	1,085	192.15	0.00
10.70	0.13	1,127	192.15	0.00
10.80	0.14	1,176	192.16	0.00
10.90	0.16	1,231	192.17	0.00
11.00	0.18	1,293	192.18	0.00
11.10	0.21	1,363	192.19	0.00
11.20	0.24	1,444	192.20	0.00
11.30	0.28	1,538	192.21	0.00
11.40	0.32	1,647	192.23	0.00
11.50	0.37	1,772	192.24	0.00
11.60	0.46	1,919	192.26	0.00
11.70	0.63	2,117	192.29	0.00
11.80	0.80	2,373	192.32	0.00
11.90	1.14	2,718	192.37	0.00
12.00	1.84	3,240	192.44	0.00
12.10	3.37	4,144	192.56	0.04
12.20	4.33	5,589	192.75	0.08
12.30	2.72	6,823	192.91	0.10
12.40	1.80	7,581	193.01	0.12
12.50	1.34	8,094	193.07	0.12
12.60	1.10	8,491	193.12	0.13
12.70	0.84	8,790	193.16	0.13
12.80	0.73	9,022	193.19	0.14
12.90	0.66	9,222	193.22	0.14
13.00	0.60	9,398	193.24	0.14
13.10	0.54	9,551	193.26	0.14
13.20	0.48	9,682	193.27	0.14
13.30	0.44	9,796	193.29	0.15
13.40	0.41	9,897	193.30	0.15
13.50	0.37	9,985	193.31	0.15
13.60	0.34	10,060	193.32	0.15
13.70	0.31	10,125	193.33	0.15
13.80	0.30	10,181	193.34	0.15
13.90	0.29	10,233	193.34	0.15
14.00	0.28	10,282	193.35	0.15
14.10	0.27	10,327	193.35	0.15
14.20	0.26	10,369	193.36	0.15
14.30	0.26	10,408	193.36	0.15
14.40	0.25	10,443	193.37	0.15
14.50	0.24	10,475	193.37	0.15
14.60	0.23	10,504	193.38	0.15
14.70	0.22	10,530	193.38	0.15
14.80	0.21	10,552	193.38	0.15
14.90	0.20	10,571	193.38	0.15
15.00	0.19	10,587	193.39	0.15
15.10	0.18	10,599	193.39	0.15
15.20	0.18	10,608	193.39	0.15
15.30	0.17	10,615	193.39	0.15
15.40	0.17	10,621	193.39	0.15
15.50	0.17	10,627	193.39	0.15

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	10,631	193.39	0.15
15.70	0.16	10,634	193.39	0.15
15.80	0.16	10,637	193.39	0.15
15.90	0.16	10,639	193.39	0.15
16.00	0.16	10,640	193.39	0.15
16.10	0.15	10,640	193.39	0.15
16.20	0.15	10,639	193.39	0.15
16.30	0.15	10,638	193.39	0.15
16.40	0.15	10,635	193.39	0.15
16.50	0.14	10,632	193.39	0.15
16.60	0.14	10,628	193.39	0.15
16.70	0.14	10,623	193.39	0.15
16.80	0.14	10,617	193.39	0.15
16.90	0.13	10,610	193.39	0.15
17.00	0.13	10,603	193.39	0.15
17.10	0.13	10,594	193.39	0.15
17.20	0.13	10,585	193.39	0.15
17.30	0.13	10,575	193.38	0.15
17.40	0.12	10,564	193.38	0.15
17.50	0.12	10,553	193.38	0.15
17.60	0.12	10,540	193.38	0.15
17.70	0.12	10,527	193.38	0.15
17.80	0.11	10,513	193.38	0.15
17.90	0.11	10,498	193.37	0.15
18.00	0.11	10,482	193.37	0.15
18.10	0.11	10,465	193.37	0.15
18.20	0.10	10,448	193.37	0.15
18.30	0.10	10,430	193.37	0.15
18.40	0.10	10,412	193.36	0.15
18.50	0.10	10,394	193.36	0.15
18.60	0.10	10,375	193.36	0.15
18.70	0.10	10,357	193.36	0.15
18.80	0.10	10,338	193.36	0.15
18.90	0.10	10,320	193.35	0.15
19.00	0.10	10,301	193.35	0.15
19.10	0.10	10,282	193.35	0.15
19.20	0.10	10,262	193.35	0.15
19.30	0.10	10,243	193.34	0.15
19.40	0.10	10,224	193.34	0.15
19.50	0.10	10,204	193.34	0.15
19.60	0.09	10,184	193.34	0.15
19.70	0.09	10,164	193.33	0.15
19.80	0.09	10,144	193.33	0.15
19.90	0.09	10,124	193.33	0.15
20.00	0.09	10,104	193.33	0.15
20.10	0.09	10,084	193.32	0.15
20.20	0.09	10,063	193.32	0.15
20.30	0.09	10,043	193.32	0.15
20.40	0.09	10,022	193.32	0.15
20.50	0.09	10,001	193.31	0.15
20.60	0.09	9,980	193.31	0.15
20.70	0.09	9,959	193.31	0.15

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	9,938	193.30	0.15
20.90	0.09	9,916	193.30	0.15
21.00	0.09	9,894	193.30	0.15
21.10	0.09	9,873	193.30	0.15
21.20	0.09	9,851	193.29	0.15
21.30	0.08	9,829	193.29	0.15
21.40	0.08	9,807	193.29	0.15
21.50	0.08	9,785	193.29	0.15
21.60	0.08	9,763	193.28	0.14
21.70	0.08	9,740	193.28	0.14
21.80	0.08	9,717	193.28	0.14
21.90	0.08	9,695	193.27	0.14
22.00	0.08	9,672	193.27	0.14
22.10	0.08	9,649	193.27	0.14
22.20	0.08	9,626	193.27	0.14
22.30	0.08	9,603	193.26	0.14
22.40	0.08	9,580	193.26	0.14
22.50	0.08	9,556	193.26	0.14
22.60	0.08	9,533	193.25	0.14
22.70	0.08	9,509	193.25	0.14
22.80	0.08	9,485	193.25	0.14
22.90	0.07	9,461	193.25	0.14
23.00	0.07	9,437	193.24	0.14
23.10	0.07	9,413	193.24	0.14
23.20	0.07	9,389	193.24	0.14
23.30	0.07	9,364	193.23	0.14
23.40	0.07	9,340	193.23	0.14
23.50	0.07	9,315	193.23	0.14
23.60	0.07	9,290	193.22	0.14
23.70	0.07	9,265	193.22	0.14
23.80	0.07	9,240	193.22	0.14
23.90	0.07	9,215	193.21	0.14
24.00	0.07	9,191	193.21	0.14
24.10	0.06	9,166	193.21	0.14
24.20	0.02	9,130	193.20	0.14
24.30	0.00	9,084	193.20	0.14
24.40	0.00	9,036	193.19	0.14
24.50	0.00	8,987	193.19	0.14
24.60	0.00	8,939	193.18	0.13
24.70	0.00	8,890	193.17	0.13
24.80	0.00	8,842	193.17	0.13
24.90	0.00	8,794	193.16	0.13
25.00	0.00	8,746	193.16	0.13
25.10	0.00	8,699	193.15	0.13
25.20	0.00	8,651	193.14	0.13
25.30	0.00	8,604	193.14	0.13
25.40	0.00	8,557	193.13	0.13
25.50	0.00	8,511	193.13	0.13
25.60	0.00	8,464	193.12	0.13
25.70	0.00	8,418	193.11	0.13
25.80	0.00	8,372	193.11	0.13
25.90	0.00	8,326	193.10	0.13

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,281	193.10	0.13
26.10	0.00	8,235	193.09	0.13
26.20	0.00	8,190	193.08	0.13
26.30	0.00	8,145	193.08	0.12
26.40	0.00	8,100	193.07	0.12
26.50	0.00	8,056	193.07	0.12
26.60	0.00	8,012	193.06	0.12
26.70	0.00	7,968	193.06	0.12
26.80	0.00	7,924	193.05	0.12
26.90	0.00	7,880	193.05	0.12
27.00	0.00	7,837	193.04	0.12
27.10	0.00	7,794	193.03	0.12
27.20	0.00	7,751	193.03	0.12
27.30	0.00	7,708	193.02	0.12
27.40	0.00	7,666	193.02	0.12
27.50	0.00	7,624	193.01	0.12
27.60	0.00	7,582	193.01	0.12
27.70	0.00	7,540	193.00	0.12
27.80	0.00	7,498	193.00	0.12
27.90	0.00	7,457	192.99	0.11
28.00	0.00	7,416	192.99	0.11
28.10	0.00	7,375	192.98	0.11
28.20	0.00	7,334	192.98	0.11
28.30	0.00	7,294	192.97	0.11
28.40	0.00	7,254	192.96	0.11
28.50	0.00	7,214	192.96	0.11
28.60	0.00	7,174	192.95	0.11
28.70	0.00	7,134	192.95	0.11
28.80	0.00	7,095	192.94	0.11
28.90	0.00	7,056	192.94	0.11
29.00	0.00	7,017	192.93	0.11
29.10	0.00	6,978	192.93	0.11
29.20	0.00	6,940	192.92	0.11
29.30	0.00	6,902	192.92	0.11
29.40	0.00	6,864	192.91	0.11
29.50	0.00	6,826	192.91	0.10
29.60	0.00	6,788	192.91	0.10
29.70	0.00	6,751	192.90	0.10
29.80	0.00	6,714	192.90	0.10
29.90	0.00	6,677	192.89	0.10
30.00	0.00	6,641	192.89	0.10
30.10	0.00	6,604	192.88	0.10
30.20	0.00	6,568	192.88	0.10
30.30	0.00	6,532	192.87	0.10
30.40	0.00	6,496	192.87	0.10
30.50	0.00	6,461	192.86	0.10
30.60	0.00	6,426	192.86	0.10
30.70	0.00	6,391	192.85	0.10
30.80	0.00	6,356	192.85	0.10
30.90	0.00	6,321	192.84	0.10
31.00	0.00	6,287	192.84	0.10
31.10	0.00	6,253	192.84	0.09

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,219	192.83	0.09
31.30	0.00	6,185	192.83	0.09
31.40	0.00	6,152	192.82	0.09
31.50	0.00	6,118	192.82	0.09
31.60	0.00	6,085	192.81	0.09
31.70	0.00	6,053	192.81	0.09
31.80	0.00	6,020	192.81	0.09
31.90	0.00	5,988	192.80	0.09
32.00	0.00	5,956	192.80	0.09
32.10	0.00	5,924	192.79	0.09
32.20	0.00	5,892	192.79	0.09
32.30	0.00	5,861	192.79	0.09
32.40	0.00	5,829	192.78	0.09
32.50	0.00	5,798	192.78	0.09
32.60	0.00	5,768	192.77	0.09
32.70	0.00	5,737	192.77	0.08
32.80	0.00	5,707	192.77	0.08
32.90	0.00	5,677	192.76	0.08
33.00	0.00	5,647	192.76	0.08
33.10	0.00	5,617	192.75	0.08
33.20	0.00	5,588	192.75	0.08
33.30	0.00	5,559	192.75	0.08
33.40	0.00	5,530	192.74	0.08
33.50	0.00	5,501	192.74	0.08
33.60	0.00	5,473	192.73	0.08
33.70	0.00	5,445	192.73	0.08
33.80	0.00	5,417	192.73	0.08
33.90	0.00	5,389	192.72	0.08
34.00	0.00	5,361	192.72	0.08
34.10	0.00	5,334	192.72	0.08
34.20	0.00	5,307	192.71	0.07
34.30	0.00	5,280	192.71	0.07
34.40	0.00	5,253	192.71	0.07
34.50	0.00	5,227	192.70	0.07
34.60	0.00	5,201	192.70	0.07
34.70	0.00	5,175	192.70	0.07
34.80	0.00	5,149	192.69	0.07
34.90	0.00	5,124	192.69	0.07
35.00	0.00	5,098	192.69	0.07
35.10	0.00	5,073	192.68	0.07
35.20	0.00	5,048	192.68	0.07
35.30	0.00	5,024	192.68	0.07
35.40	0.00	5,000	192.67	0.07
35.50	0.00	4,975	192.67	0.07
35.60	0.00	4,952	192.67	0.07
35.70	0.00	4,928	192.66	0.07
35.80	0.00	4,904	192.66	0.06
35.90	0.00	4,881	192.66	0.06
36.00	0.00	4,858	192.65	0.06
36.10	0.00	4,836	192.65	0.06
36.20	0.00	4,813	192.65	0.06
36.30	0.00	4,791	192.65	0.06

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,769	192.64	0.06
36.50	0.00	4,747	192.64	0.06
36.60	0.00	4,725	192.64	0.06
36.70	0.00	4,704	192.63	0.06
36.80	0.00	4,683	192.63	0.06
36.90	0.00	4,662	192.63	0.06
37.00	0.00	4,641	192.63	0.06
37.10	0.00	4,621	192.62	0.06
37.20	0.00	4,600	192.62	0.06
37.30	0.00	4,580	192.62	0.06
37.40	0.00	4,561	192.61	0.05
37.50	0.00	4,541	192.61	0.05
37.60	0.00	4,522	192.61	0.05
37.70	0.00	4,503	192.61	0.05
37.80	0.00	4,484	192.60	0.05
37.90	0.00	4,465	192.60	0.05
38.00	0.00	4,447	192.60	0.05
38.10	0.00	4,429	192.60	0.05
38.20	0.00	4,411	192.60	0.05
38.30	0.00	4,393	192.59	0.05
38.40	0.00	4,375	192.59	0.05
38.50	0.00	4,358	192.59	0.05
38.60	0.00	4,341	192.59	0.05
38.70	0.00	4,324	192.58	0.05
38.80	0.00	4,308	192.58	0.05
38.90	0.00	4,291	192.58	0.04
39.00	0.00	4,275	192.58	0.04
39.10	0.00	4,260	192.58	0.04
39.20	0.00	4,244	192.57	0.04
39.30	0.00	4,229	192.57	0.04
39.40	0.00	4,214	192.57	0.04
39.50	0.00	4,199	192.57	0.04
39.60	0.00	4,184	192.57	0.04
39.70	0.00	4,170	192.56	0.04
39.80	0.00	4,156	192.56	0.04
39.90	0.00	4,142	192.56	0.04
40.00	0.00	4,129	192.56	0.04

Stage-Discharge for Pond B-14: Basin #14

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.02	193.04	0.12	193.56	0.17
192.01	0.00	192.53	0.03	193.05	0.12	193.57	0.17
192.02	0.00	192.54	0.03	193.06	0.12	193.58	0.17
192.03	0.00	192.55	0.03	193.07	0.12	193.59	0.17
192.04	0.00	192.56	0.04	193.08	0.12	193.60	0.17
192.05	0.00	192.57	0.04	193.09	0.13	193.61	0.17
192.06	0.00	192.58	0.05	193.10	0.13	193.62	0.17
192.07	0.00	192.59	0.05	193.11	0.13	193.63	0.17
192.08	0.00	192.60	0.05	193.12	0.13	193.64	0.17
192.09	0.00	192.61	0.05	193.13	0.13	193.65	0.18
192.10	0.00	192.62	0.06	193.14	0.13	193.66	0.18
192.11	0.00	192.63	0.06	193.15	0.13	193.67	0.18
192.12	0.00	192.64	0.06	193.16	0.13	193.68	0.18
192.13	0.00	192.65	0.06	193.17	0.13	193.69	0.18
192.14	0.00	192.66	0.06	193.18	0.13	193.70	0.18
192.15	0.00	192.67	0.07	193.19	0.14	193.71	0.18
192.16	0.00	192.68	0.07	193.20	0.14	193.72	0.18
192.17	0.00	192.69	0.07	193.21	0.14	193.73	0.18
192.18	0.00	192.70	0.07	193.22	0.14	193.74	0.18
192.19	0.00	192.71	0.07	193.23	0.14	193.75	0.18
192.20	0.00	192.72	0.08	193.24	0.14	193.76	0.18
192.21	0.00	192.73	0.08	193.25	0.14	193.77	0.18
192.22	0.00	192.74	0.08	193.26	0.14	193.78	0.19
192.23	0.00	192.75	0.08	193.27	0.14	193.79	0.19
192.24	0.00	192.76	0.08	193.28	0.14	193.80	0.19
192.25	0.00	192.77	0.08	193.29	0.15	193.81	0.20
192.26	0.00	192.78	0.09	193.30	0.15	193.82	0.23
192.27	0.00	192.79	0.09	193.31	0.15	193.83	0.26
192.28	0.00	192.80	0.09	193.32	0.15	193.84	0.29
192.29	0.00	192.81	0.09	193.33	0.15	193.85	0.34
192.30	0.00	192.82	0.09	193.34	0.15	193.86	0.38
192.31	0.00	192.83	0.09	193.35	0.15	193.87	0.43
192.32	0.00	192.84	0.10	193.36	0.15	193.88	0.49
192.33	0.00	192.85	0.10	193.37	0.15	193.89	0.54
192.34	0.00	192.86	0.10	193.38	0.15	193.90	0.61
192.35	0.00	192.87	0.10	193.39	0.15	193.91	0.67
192.36	0.00	192.88	0.10	193.40	0.16	193.92	0.74
192.37	0.00	192.89	0.10	193.41	0.16	193.93	0.81
192.38	0.00	192.90	0.10	193.42	0.16	193.94	0.88
192.39	0.00	192.91	0.10	193.43	0.16	193.95	0.95
192.40	0.00	192.92	0.11	193.44	0.16	193.96	1.03
192.41	0.00	192.93	0.11	193.45	0.16	193.97	1.11
192.42	0.00	192.94	0.11	193.46	0.16	193.98	1.19
192.43	0.00	192.95	0.11	193.47	0.16	193.99	1.27
192.44	0.00	192.96	0.11	193.48	0.16	194.00	1.36
192.45	0.00	192.97	0.11	193.49	0.16	194.01	1.45
192.46	0.01	192.98	0.11	193.50	0.16	194.02	1.54
192.47	0.01	192.99	0.11	193.51	0.16	194.03	1.63
192.48	0.01	193.00	0.12	193.52	0.17	194.04	1.72
192.49	0.01	193.01	0.12	193.53	0.17	194.05	1.82
192.50	0.02	193.02	0.12	193.54	0.17	194.06	1.92
192.51	0.02	193.03	0.12	193.55	0.17	194.07	2.02

Stage-Discharge for Pond B-14: Basin #14 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	2.12	194.60	9.22
194.09	2.22	194.61	9.39
194.10	2.32	194.62	9.55
194.11	2.43	194.63	9.72
194.12	2.54	194.64	9.89
194.13	2.65	194.65	10.06
194.14	2.76	194.66	10.22
194.15	2.87	194.67	10.39
194.16	2.99	194.68	10.56
194.17	3.10	194.69	10.74
194.18	3.22	194.70	10.91
194.19	3.34	194.71	11.08
194.20	3.46	194.72	11.26
194.21	3.58	194.73	11.43
194.22	3.70	194.74	11.61
194.23	3.82	194.75	11.78
194.24	3.95	194.76	11.96
194.25	4.08	194.77	12.14
194.26	4.20	194.78	12.32
194.27	4.33	194.79	12.49
194.28	4.46	194.80	12.67
194.29	4.60	194.81	12.86
194.30	4.73	194.82	13.04
194.31	4.86	194.83	13.22
194.32	5.00	194.84	13.40
194.33	5.13	194.85	13.59
194.34	5.27	194.86	13.77
194.35	5.41	194.87	13.96
194.36	5.55	194.88	14.14
194.37	5.69	194.89	14.33
194.38	5.83	194.90	14.51
194.39	5.98	194.91	14.80
194.40	6.12	194.92	15.03
194.41	6.27	194.93	15.32
194.42	6.41	194.94	15.66
194.43	6.56	194.95	16.05
194.44	6.71		
194.45	6.86		
194.46	7.01		
194.47	7.16		
194.48	7.32		
194.49	7.47		
194.50	7.62		
194.51	7.78		
194.52	7.94		
194.53	8.09		
194.54	8.25		
194.55	8.41		
194.56	8.57		
194.57	8.73		
194.58	8.90		
194.59	9.06		

Stage-Area-Storage for Pond B-14: Basin #14

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,240	0	192.52	7,538	3,842
192.01	7,246	72	192.53	7,544	3,918
192.02	7,251	145	192.54	7,550	3,993
192.03	7,257	217	192.55	7,556	4,069
192.04	7,263	290	192.56	7,561	4,144
192.05	7,269	363	192.57	7,567	4,220
192.06	7,274	435	192.58	7,573	4,296
192.07	7,280	508	192.59	7,579	4,372
192.08	7,286	581	192.60	7,584	4,447
192.09	7,292	654	192.61	7,590	4,523
192.10	7,297	727	192.62	7,596	4,599
192.11	7,303	800	192.63	7,602	4,675
192.12	7,309	873	192.64	7,607	4,751
192.13	7,315	946	192.65	7,613	4,827
192.14	7,320	1,019	192.66	7,619	4,903
192.15	7,326	1,092	192.67	7,625	4,980
192.16	7,332	1,166	192.68	7,630	5,056
192.17	7,338	1,239	192.69	7,636	5,132
192.18	7,343	1,312	192.70	7,642	5,209
192.19	7,349	1,386	192.71	7,648	5,285
192.20	7,355	1,459	192.72	7,653	5,362
192.21	7,361	1,533	192.73	7,659	5,438
192.22	7,366	1,607	192.74	7,665	5,515
192.23	7,372	1,680	192.75	7,671	5,591
192.24	7,378	1,754	192.76	7,676	5,668
192.25	7,384	1,828	192.77	7,682	5,745
192.26	7,389	1,902	192.78	7,688	5,822
192.27	7,395	1,976	192.79	7,693	5,899
192.28	7,401	2,050	192.80	7,699	5,976
192.29	7,406	2,124	192.81	7,705	6,053
192.30	7,412	2,198	192.82	7,711	6,130
192.31	7,418	2,272	192.83	7,716	6,207
192.32	7,424	2,346	192.84	7,722	6,284
192.33	7,429	2,420	192.85	7,728	6,361
192.34	7,435	2,495	192.86	7,734	6,439
192.35	7,441	2,569	192.87	7,739	6,516
192.36	7,447	2,644	192.88	7,745	6,593
192.37	7,452	2,718	192.89	7,751	6,671
192.38	7,458	2,793	192.90	7,757	6,748
192.39	7,464	2,867	192.91	7,762	6,826
192.40	7,470	2,942	192.92	7,768	6,904
192.41	7,475	3,017	192.93	7,774	6,981
192.42	7,481	3,091	192.94	7,780	7,059
192.43	7,487	3,166	192.95	7,785	7,137
192.44	7,493	3,241	192.96	7,791	7,215
192.45	7,498	3,316	192.97	7,797	7,293
192.46	7,504	3,391	192.98	7,803	7,371
192.47	7,510	3,466	192.99	7,808	7,449
192.48	7,516	3,541	193.00	7,814	7,527
192.49	7,521	3,617	193.01	7,820	7,605
192.50	7,527	3,692	193.02	7,826	7,683
192.51	7,533	3,767	193.03	7,832	7,762

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	7,838	7,840	193.56	8,145	11,996
193.05	7,844	7,918	193.57	8,151	12,077
193.06	7,849	7,997	193.58	8,157	12,159
193.07	7,855	8,075	193.59	8,163	12,240
193.08	7,861	8,154	193.60	8,169	12,322
193.09	7,867	8,233	193.61	8,175	12,403
193.10	7,873	8,311	193.62	8,180	12,485
193.11	7,879	8,390	193.63	8,186	12,567
193.12	7,885	8,469	193.64	8,192	12,649
193.13	7,891	8,548	193.65	8,198	12,731
193.14	7,897	8,627	193.66	8,204	12,813
193.15	7,903	8,706	193.67	8,210	12,895
193.16	7,909	8,785	193.68	8,216	12,977
193.17	7,914	8,864	193.69	8,222	13,059
193.18	7,920	8,943	193.70	8,228	13,142
193.19	7,926	9,022	193.71	8,234	13,224
193.20	7,932	9,102	193.72	8,240	13,306
193.21	7,938	9,181	193.73	8,245	13,389
193.22	7,944	9,260	193.74	8,251	13,471
193.23	7,950	9,340	193.75	8,257	13,554
193.24	7,956	9,419	193.76	8,263	13,636
193.25	7,962	9,499	193.77	8,269	13,719
193.26	7,968	9,579	193.78	8,275	13,802
193.27	7,974	9,658	193.79	8,281	13,884
193.28	7,979	9,738	193.80	8,287	13,967
193.29	7,985	9,818	193.81	8,293	14,050
193.30	7,991	9,898	193.82	8,299	14,133
193.31	7,997	9,978	193.83	8,305	14,216
193.32	8,003	10,058	193.84	8,310	14,299
193.33	8,009	10,138	193.85	8,316	14,382
193.34	8,015	10,218	193.86	8,322	14,466
193.35	8,021	10,298	193.87	8,328	14,549
193.36	8,027	10,378	193.88	8,334	14,632
193.37	8,033	10,459	193.89	8,340	14,716
193.38	8,039	10,539	193.90	8,346	14,799
193.39	8,044	10,619	193.91	8,352	14,882
193.40	8,050	10,700	193.92	8,358	14,966
193.41	8,056	10,780	193.93	8,364	15,050
193.42	8,062	10,861	193.94	8,370	15,133
193.43	8,068	10,942	193.95	8,375	15,217
193.44	8,074	11,022	193.96	8,381	15,301
193.45	8,080	11,103	193.97	8,387	15,385
193.46	8,086	11,184	193.98	8,393	15,469
193.47	8,092	11,265	193.99	8,399	15,552
193.48	8,098	11,346	194.00	8,405	15,637
193.49	8,104	11,427	194.01	8,411	15,721
193.50	8,110	11,508	194.02	8,418	15,805
193.51	8,115	11,589	194.03	8,424	15,889
193.52	8,121	11,670	194.04	8,431	15,973
193.53	8,127	11,751	194.05	8,437	16,058
193.54	8,133	11,833	194.06	8,443	16,142
193.55	8,139	11,914	194.07	8,450	16,226

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	8,456	16,311	194.60	8,788	20,795
194.09	8,463	16,396	194.61	8,795	20,882
194.10	8,469	16,480	194.62	8,801	20,970
194.11	8,475	16,565	194.63	8,808	21,058
194.12	8,482	16,650	194.64	8,814	21,147
194.13	8,488	16,735	194.65	8,820	21,235
194.14	8,494	16,819	194.66	8,827	21,323
194.15	8,501	16,904	194.67	8,833	21,411
194.16	8,507	16,989	194.68	8,839	21,500
194.17	8,514	17,075	194.69	8,846	21,588
194.18	8,520	17,160	194.70	8,852	21,677
194.19	8,526	17,245	194.71	8,859	21,765
194.20	8,533	17,330	194.72	8,865	21,854
194.21	8,539	17,416	194.73	8,871	21,942
194.22	8,546	17,501	194.74	8,878	22,031
194.23	8,552	17,587	194.75	8,884	22,120
194.24	8,558	17,672	194.76	8,891	22,209
194.25	8,565	17,758	194.77	8,897	22,298
194.26	8,571	17,843	194.78	8,903	22,387
194.27	8,578	17,929	194.79	8,910	22,476
194.28	8,584	18,015	194.80	8,916	22,565
194.29	8,590	18,101	194.81	8,923	22,654
194.30	8,597	18,187	194.82	8,929	22,743
194.31	8,603	18,273	194.83	8,935	22,833
194.32	8,609	18,359	194.84	8,942	22,922
194.33	8,616	18,445	194.85	8,948	23,012
194.34	8,622	18,531	194.86	8,954	23,101
194.35	8,629	18,617	194.87	8,961	23,191
194.36	8,635	18,704	194.88	8,967	23,280
194.37	8,641	18,790	194.89	8,974	23,370
194.38	8,648	18,877	194.90	8,980	23,460
194.39	8,654	18,963	194.91	8,986	23,550
194.40	8,661	19,050	194.92	8,993	23,640
194.41	8,667	19,136	194.93	8,999	23,729
194.42	8,673	19,223	194.94	9,006	23,819
194.43	8,680	19,310	194.95	9,012	23,910
194.44	8,686	19,397			
194.45	8,693	19,483			
194.46	8,699	19,570			
194.47	8,705	19,657			
194.48	8,712	19,745			
194.49	8,718	19,832			
194.50	8,724	19,919			
194.51	8,731	20,006			
194.52	8,737	20,093			
194.53	8,744	20,181			
194.54	8,750	20,268			
194.55	8,756	20,356			
194.56	8,763	20,443			
194.57	8,769	20,531			
194.58	8,776	20,619			
194.59	8,782	20,707			

Summary for Pond B-15: Basin #15

Inflow Area = 2.365 ac, 58.73% Impervious, Inflow Depth = 2.74" for Future 2 yr event
 Inflow = 6.43 cfs @ 12.17 hrs, Volume= 0.539 af
 Outflow = 1.65 cfs @ 12.55 hrs, Volume= 0.309 af, Atten= 74%, Lag= 22.8 min
 Primary = 1.65 cfs @ 12.55 hrs, Volume= 0.309 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 199.24' @ 12.55 hrs Surf.Area= 5,081 sf Storage= 13,377 cf

Plug-Flow detention time= 388.6 min calculated for 0.309 af (57% of inflow)
 Center-of-Mass det. time= 271.6 min (1,051.6 - 780.0)

Volume	Invert	Avail.Storage	Storage Description
#1	196.00'	17,418 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
196.00	3,221	0	0
197.00	3,765	3,493	3,493
198.00	4,333	4,049	7,542
199.00	4,930	4,632	12,174
200.00	5,559	5,245	17,418

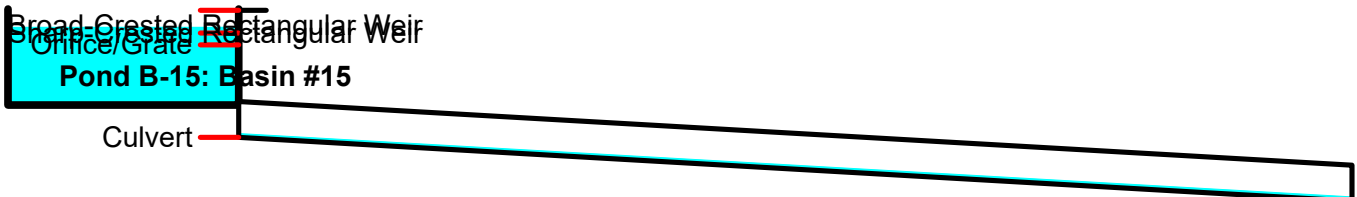
Device	Routing	Invert	Outlet Devices
#1	Primary	194.65'	18.0" Round Culvert L= 203.0' Ke= 0.500 Inlet / Outlet Invert= 194.65' / 192.00' S= 0.0131 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	198.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	199.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	199.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

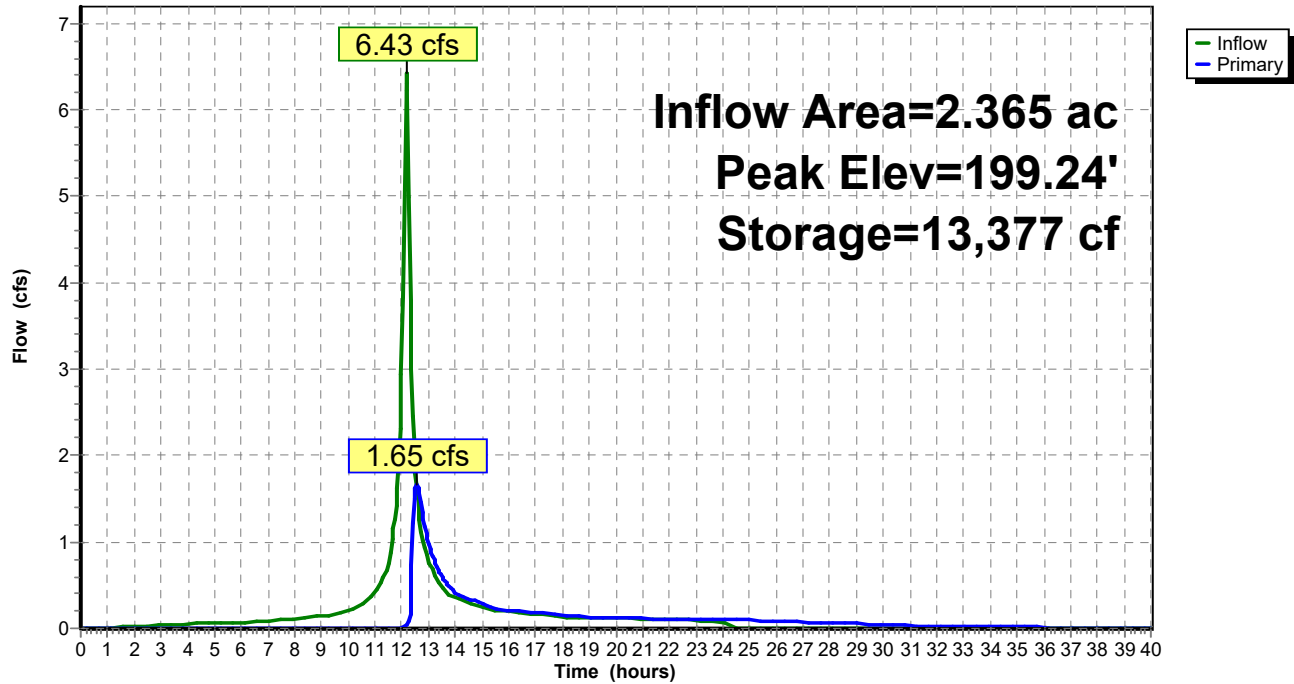
Primary OutFlow Max=1.65 cfs @ 12.55 hrs HW=199.24' (Free Discharge)

- 1=Culvert (Passes 1.65 cfs of 14.88 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.84 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 1.52 cfs @ 1.60 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Orifice/Grate
Pond B-15: Basin #15

Culvert



Pond B-15: Basin #15**Hydrograph**

Hydrograph for Pond B-15: Basin #15

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	196.00	0.00
0.10	0.00	0	196.00	0.00
0.20	0.00	0	196.00	0.00
0.30	0.00	0	196.00	0.00
0.40	0.00	0	196.00	0.00
0.50	0.00	0	196.00	0.00
0.60	0.00	0	196.00	0.00
0.70	0.00	0	196.00	0.00
0.80	0.00	0	196.00	0.00
0.90	0.00	0	196.00	0.00
1.00	0.00	0	196.00	0.00
1.10	0.00	0	196.00	0.00
1.20	0.00	0	196.00	0.00
1.30	0.00	2	196.00	0.00
1.40	0.01	4	196.00	0.00
1.50	0.01	6	196.00	0.00
1.60	0.01	10	196.00	0.00
1.70	0.01	14	196.00	0.00
1.80	0.02	19	196.01	0.00
1.90	0.02	25	196.01	0.00
2.00	0.02	32	196.01	0.00
2.10	0.02	39	196.01	0.00
2.20	0.02	47	196.01	0.00
2.30	0.02	55	196.02	0.00
2.40	0.03	65	196.02	0.00
2.50	0.03	74	196.02	0.00
2.60	0.03	85	196.03	0.00
2.70	0.03	96	196.03	0.00
2.80	0.03	107	196.03	0.00
2.90	0.03	119	196.04	0.00
3.00	0.04	132	196.04	0.00
3.10	0.04	145	196.04	0.00
3.20	0.04	159	196.05	0.00
3.30	0.04	173	196.05	0.00
3.40	0.04	187	196.06	0.00
3.50	0.04	202	196.06	0.00
3.60	0.04	218	196.07	0.00
3.70	0.05	234	196.07	0.00
3.80	0.05	251	196.08	0.00
3.90	0.05	267	196.08	0.00
4.00	0.05	285	196.09	0.00
4.10	0.05	303	196.09	0.00
4.20	0.05	321	196.10	0.00
4.30	0.05	339	196.10	0.00
4.40	0.05	359	196.11	0.00
4.50	0.05	378	196.12	0.00
4.60	0.06	398	196.12	0.00
4.70	0.06	418	196.13	0.00
4.80	0.06	439	196.13	0.00
4.90	0.06	460	196.14	0.00
5.00	0.06	481	196.15	0.00
5.10	0.06	502	196.15	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	525	196.16	0.00
5.30	0.06	547	196.17	0.00
5.40	0.06	570	196.17	0.00
5.50	0.06	593	196.18	0.00
5.60	0.07	616	196.19	0.00
5.70	0.07	640	196.20	0.00
5.80	0.07	664	196.20	0.00
5.90	0.07	688	196.21	0.00
6.00	0.07	713	196.22	0.00
6.10	0.07	738	196.22	0.00
6.20	0.07	764	196.23	0.00
6.30	0.07	790	196.24	0.00
6.40	0.08	818	196.25	0.00
6.50	0.08	846	196.26	0.00
6.60	0.08	874	196.27	0.00
6.70	0.08	904	196.27	0.00
6.80	0.09	934	196.28	0.00
6.90	0.09	966	196.29	0.00
7.00	0.09	998	196.30	0.00
7.10	0.09	1,030	196.31	0.00
7.20	0.09	1,064	196.32	0.00
7.30	0.10	1,099	196.33	0.00
7.40	0.10	1,134	196.34	0.00
7.50	0.10	1,170	196.35	0.00
7.60	0.10	1,207	196.36	0.00
7.70	0.11	1,245	196.37	0.00
7.80	0.11	1,284	196.39	0.00
7.90	0.11	1,323	196.40	0.00
8.00	0.11	1,363	196.41	0.00
8.10	0.12	1,405	196.42	0.00
8.20	0.12	1,447	196.43	0.00
8.30	0.12	1,490	196.45	0.00
8.40	0.12	1,533	196.46	0.00
8.50	0.12	1,578	196.47	0.00
8.60	0.13	1,623	196.48	0.00
8.70	0.13	1,669	196.50	0.00
8.80	0.13	1,716	196.51	0.00
8.90	0.13	1,764	196.52	0.00
9.00	0.14	1,813	196.54	0.00
9.10	0.14	1,863	196.55	0.00
9.20	0.15	1,914	196.57	0.00
9.30	0.15	1,969	196.58	0.00
9.40	0.16	2,026	196.60	0.00
9.50	0.17	2,085	196.62	0.00
9.60	0.18	2,148	196.63	0.00
9.70	0.19	2,214	196.65	0.00
9.80	0.19	2,282	196.67	0.00
9.90	0.20	2,354	196.69	0.00
10.00	0.21	2,428	196.71	0.00
10.10	0.22	2,505	196.73	0.00
10.20	0.23	2,585	196.75	0.00
10.30	0.24	2,669	196.78	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	2,756	196.80	0.00
10.50	0.26	2,847	196.83	0.00
10.60	0.27	2,942	196.85	0.00
10.70	0.30	3,046	196.88	0.00
10.80	0.34	3,160	196.91	0.00
10.90	0.37	3,287	196.95	0.00
11.00	0.41	3,427	196.98	0.00
11.10	0.45	3,580	197.02	0.00
11.20	0.51	3,753	197.07	0.00
11.30	0.58	3,948	197.12	0.00
11.40	0.65	4,169	197.18	0.00
11.50	0.72	4,415	197.24	0.00
11.60	0.87	4,695	197.31	0.00
11.70	1.15	5,062	197.40	0.00
11.80	1.41	5,519	197.52	0.00
11.90	1.92	6,112	197.66	0.00
12.00	2.95	6,966	197.87	0.00
12.10	5.08	8,377	198.19	0.00
12.20	6.22	10,525	198.66	0.04
12.30	3.79	12,289	199.02	0.17
12.40	2.45	13,135	199.19	1.22
12.50	1.81	13,361	199.24	1.63
12.60	1.47	13,363	199.24	1.63
12.70	1.11	13,265	199.22	1.45
12.80	0.96	13,150	199.20	1.25
12.90	0.86	13,057	199.18	1.10
13.00	0.78	12,982	199.16	0.97
13.10	0.70	12,916	199.15	0.87
13.20	0.63	12,856	199.14	0.79
13.30	0.57	12,804	199.13	0.71
13.40	0.53	12,759	199.12	0.65
13.50	0.48	12,719	199.11	0.59
13.60	0.44	12,680	199.10	0.55
13.70	0.40	12,643	199.09	0.50
13.80	0.39	12,613	199.09	0.46
13.90	0.37	12,588	199.08	0.43
14.00	0.36	12,570	199.08	0.41
14.10	0.35	12,554	199.08	0.39
14.20	0.34	12,539	199.07	0.38
14.30	0.33	12,525	199.07	0.36
14.40	0.32	12,512	199.07	0.35
14.50	0.30	12,499	199.07	0.34
14.60	0.29	12,487	199.06	0.33
14.70	0.28	12,475	199.06	0.31
14.80	0.27	12,462	199.06	0.30
14.90	0.26	12,450	199.06	0.29
15.00	0.25	12,438	199.05	0.28
15.10	0.23	12,426	199.05	0.27
15.20	0.22	12,415	199.05	0.26
15.30	0.22	12,404	199.05	0.25
15.40	0.22	12,396	199.04	0.24
15.50	0.21	12,389	199.04	0.23

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	12,383	199.04	0.22
15.70	0.21	12,378	199.04	0.22
15.80	0.20	12,374	199.04	0.22
15.90	0.20	12,370	199.04	0.21
16.00	0.20	12,365	199.04	0.21
16.10	0.19	12,361	199.04	0.21
16.20	0.19	12,356	199.04	0.20
16.30	0.19	12,351	199.04	0.20
16.40	0.19	12,347	199.04	0.20
16.50	0.18	12,341	199.03	0.20
16.60	0.18	12,336	199.03	0.19
16.70	0.18	12,331	199.03	0.19
16.80	0.17	12,326	199.03	0.19
16.90	0.17	12,320	199.03	0.18
17.00	0.17	12,315	199.03	0.18
17.10	0.16	12,310	199.03	0.18
17.20	0.16	12,304	199.03	0.18
17.30	0.16	12,299	199.03	0.17
17.40	0.15	12,293	199.02	0.17
17.50	0.15	12,288	199.02	0.17
17.60	0.15	12,282	199.02	0.16
17.70	0.14	12,276	199.02	0.16
17.80	0.14	12,271	199.02	0.16
17.90	0.14	12,265	199.02	0.15
18.00	0.14	12,260	199.02	0.15
18.10	0.13	12,254	199.02	0.15
18.20	0.13	12,248	199.02	0.14
18.30	0.13	12,243	199.01	0.14
18.40	0.13	12,239	199.01	0.14
18.50	0.13	12,235	199.01	0.14
18.60	0.13	12,231	199.01	0.14
18.70	0.13	12,228	199.01	0.13
18.80	0.12	12,225	199.01	0.13
18.90	0.12	12,223	199.01	0.13
19.00	0.12	12,220	199.01	0.13
19.10	0.12	12,218	199.01	0.13
19.20	0.12	12,216	199.01	0.13
19.30	0.12	12,214	199.01	0.13
19.40	0.12	12,212	199.01	0.12
19.50	0.12	12,210	199.01	0.12
19.60	0.12	12,209	199.01	0.12
19.70	0.12	12,207	199.01	0.12
19.80	0.12	12,206	199.01	0.12
19.90	0.12	12,204	199.01	0.12
20.00	0.12	12,203	199.01	0.12
20.10	0.11	12,201	199.01	0.12
20.20	0.11	12,200	199.01	0.12
20.30	0.11	12,198	199.00	0.12
20.40	0.11	12,197	199.00	0.12
20.50	0.11	12,195	199.00	0.12
20.60	0.11	12,194	199.00	0.11
20.70	0.11	12,192	199.00	0.11

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	12,191	199.00	0.11
20.90	0.11	12,190	199.00	0.11
21.00	0.11	12,188	199.00	0.11
21.10	0.11	12,187	199.00	0.11
21.20	0.11	12,185	199.00	0.11
21.30	0.11	12,184	199.00	0.11
21.40	0.10	12,182	199.00	0.11
21.50	0.10	12,181	199.00	0.11
21.60	0.10	12,180	199.00	0.11
21.70	0.10	12,178	199.00	0.11
21.80	0.10	12,177	199.00	0.11
21.90	0.10	12,175	199.00	0.10
22.00	0.10	12,174	199.00	0.10
22.10	0.10	12,173	199.00	0.10
22.20	0.10	12,171	199.00	0.10
22.30	0.10	12,169	199.00	0.10
22.40	0.10	12,167	199.00	0.10
22.50	0.10	12,164	199.00	0.10
22.60	0.09	12,161	199.00	0.10
22.70	0.09	12,158	199.00	0.10
22.80	0.09	12,155	199.00	0.10
22.90	0.09	12,152	199.00	0.10
23.00	0.09	12,148	198.99	0.10
23.10	0.09	12,144	198.99	0.10
23.20	0.09	12,139	198.99	0.10
23.30	0.09	12,135	198.99	0.10
23.40	0.09	12,130	198.99	0.10
23.50	0.09	12,125	198.99	0.10
23.60	0.09	12,120	198.99	0.10
23.70	0.09	12,115	198.99	0.10
23.80	0.09	12,109	198.99	0.10
23.90	0.08	12,103	198.99	0.10
24.00	0.09	12,097	198.98	0.10
24.10	0.08	12,092	198.98	0.10
24.20	0.02	12,073	198.98	0.10
24.30	0.00	12,041	198.97	0.10
24.40	0.00	12,006	198.97	0.10
24.50	0.00	11,971	198.96	0.10
24.60	0.00	11,936	198.95	0.10
24.70	0.00	11,901	198.94	0.10
24.80	0.00	11,867	198.94	0.09
24.90	0.00	11,833	198.93	0.09
25.00	0.00	11,799	198.92	0.09
25.10	0.00	11,766	198.92	0.09
25.20	0.00	11,733	198.91	0.09
25.30	0.00	11,701	198.90	0.09
25.40	0.00	11,669	198.90	0.09
25.50	0.00	11,637	198.89	0.09
25.60	0.00	11,606	198.88	0.09
25.70	0.00	11,574	198.88	0.09
25.80	0.00	11,544	198.87	0.08
25.90	0.00	11,513	198.86	0.08

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,483	198.86	0.08
26.10	0.00	11,454	198.85	0.08
26.20	0.00	11,425	198.85	0.08
26.30	0.00	11,396	198.84	0.08
26.40	0.00	11,367	198.83	0.08
26.50	0.00	11,339	198.83	0.08
26.60	0.00	11,311	198.82	0.08
26.70	0.00	11,284	198.82	0.08
26.80	0.00	11,257	198.81	0.07
26.90	0.00	11,230	198.81	0.07
27.00	0.00	11,204	198.80	0.07
27.10	0.00	11,177	198.80	0.07
27.20	0.00	11,152	198.79	0.07
27.30	0.00	11,127	198.78	0.07
27.40	0.00	11,102	198.78	0.07
27.50	0.00	11,077	198.77	0.07
27.60	0.00	11,053	198.77	0.07
27.70	0.00	11,029	198.76	0.07
27.80	0.00	11,006	198.76	0.06
27.90	0.00	10,983	198.75	0.06
28.00	0.00	10,960	198.75	0.06
28.10	0.00	10,938	198.75	0.06
28.20	0.00	10,916	198.74	0.06
28.30	0.00	10,894	198.74	0.06
28.40	0.00	10,873	198.73	0.06
28.50	0.00	10,852	198.73	0.06
28.60	0.00	10,831	198.72	0.06
28.70	0.00	10,811	198.72	0.06
28.80	0.00	10,791	198.71	0.05
28.90	0.00	10,772	198.71	0.05
29.00	0.00	10,753	198.71	0.05
29.10	0.00	10,734	198.70	0.05
29.20	0.00	10,716	198.70	0.05
29.30	0.00	10,698	198.70	0.05
29.40	0.00	10,681	198.69	0.05
29.50	0.00	10,663	198.69	0.05
29.60	0.00	10,647	198.68	0.05
29.70	0.00	10,630	198.68	0.05
29.80	0.00	10,614	198.68	0.04
29.90	0.00	10,598	198.67	0.04
30.00	0.00	10,583	198.67	0.04
30.10	0.00	10,568	198.67	0.04
30.20	0.00	10,553	198.66	0.04
30.30	0.00	10,539	198.66	0.04
30.40	0.00	10,526	198.66	0.04
30.50	0.00	10,512	198.66	0.04
30.60	0.00	10,499	198.65	0.04
30.70	0.00	10,487	198.65	0.03
30.80	0.00	10,474	198.65	0.03
30.90	0.00	10,462	198.65	0.03
31.00	0.00	10,450	198.64	0.03
31.10	0.00	10,439	198.64	0.03

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,428	198.64	0.03
31.30	0.00	10,417	198.64	0.03
31.40	0.00	10,407	198.63	0.03
31.50	0.00	10,397	198.63	0.03
31.60	0.00	10,387	198.63	0.03
31.70	0.00	10,377	198.63	0.03
31.80	0.00	10,367	198.63	0.03
31.90	0.00	10,358	198.62	0.03
32.00	0.00	10,349	198.62	0.02
32.10	0.00	10,340	198.62	0.02
32.20	0.00	10,332	198.62	0.02
32.30	0.00	10,324	198.62	0.02
32.40	0.00	10,315	198.61	0.02
32.50	0.00	10,308	198.61	0.02
32.60	0.00	10,300	198.61	0.02
32.70	0.00	10,292	198.61	0.02
32.80	0.00	10,285	198.61	0.02
32.90	0.00	10,278	198.61	0.02
33.00	0.00	10,271	198.60	0.02
33.10	0.00	10,264	198.60	0.02
33.20	0.00	10,258	198.60	0.02
33.30	0.00	10,251	198.60	0.02
33.40	0.00	10,245	198.60	0.02
33.50	0.00	10,239	198.60	0.02
33.60	0.00	10,233	198.60	0.02
33.70	0.00	10,227	198.60	0.02
33.80	0.00	10,221	198.59	0.02
33.90	0.00	10,216	198.59	0.02
34.00	0.00	10,210	198.59	0.02
34.10	0.00	10,205	198.59	0.01
34.20	0.00	10,199	198.59	0.01
34.30	0.00	10,194	198.59	0.01
34.40	0.00	10,189	198.59	0.01
34.50	0.00	10,184	198.59	0.01
34.60	0.00	10,179	198.59	0.01
34.70	0.00	10,174	198.58	0.01
34.80	0.00	10,170	198.58	0.01
34.90	0.00	10,165	198.58	0.01
35.00	0.00	10,161	198.58	0.01
35.10	0.00	10,156	198.58	0.01
35.20	0.00	10,152	198.58	0.01
35.30	0.00	10,148	198.58	0.01
35.40	0.00	10,144	198.58	0.01
35.50	0.00	10,139	198.58	0.01
35.60	0.00	10,136	198.58	0.01
35.70	0.00	10,132	198.57	0.01
35.80	0.00	10,128	198.57	0.01
35.90	0.00	10,124	198.57	0.01
36.00	0.00	10,120	198.57	0.01
36.10	0.00	10,117	198.57	0.01
36.20	0.00	10,113	198.57	0.01
36.30	0.00	10,110	198.57	0.01

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,106	198.57	0.01
36.50	0.00	10,103	198.57	0.01
36.60	0.00	10,100	198.57	0.01
36.70	0.00	10,097	198.57	0.01
36.80	0.00	10,094	198.57	0.01
36.90	0.00	10,091	198.57	0.01
37.00	0.00	10,088	198.57	0.01
37.10	0.00	10,085	198.56	0.01
37.20	0.00	10,082	198.56	0.01
37.30	0.00	10,079	198.56	0.01
37.40	0.00	10,076	198.56	0.01
37.50	0.00	10,073	198.56	0.01
37.60	0.00	10,071	198.56	0.01
37.70	0.00	10,068	198.56	0.01
37.80	0.00	10,066	198.56	0.01
37.90	0.00	10,063	198.56	0.01
38.00	0.00	10,061	198.56	0.01
38.10	0.00	10,058	198.56	0.01
38.20	0.00	10,056	198.56	0.01
38.30	0.00	10,054	198.56	0.01
38.40	0.00	10,051	198.56	0.01
38.50	0.00	10,049	198.56	0.01
38.60	0.00	10,047	198.56	0.01
38.70	0.00	10,044	198.56	0.01
38.80	0.00	10,042	198.56	0.01
38.90	0.00	10,040	198.56	0.01
39.00	0.00	10,038	198.55	0.01
39.10	0.00	10,036	198.55	0.01
39.20	0.00	10,034	198.55	0.01
39.30	0.00	10,031	198.55	0.01
39.40	0.00	10,029	198.55	0.01
39.50	0.00	10,027	198.55	0.01
39.60	0.00	10,025	198.55	0.01
39.70	0.00	10,023	198.55	0.01
39.80	0.00	10,021	198.55	0.01
39.90	0.00	10,019	198.55	0.01
40.00	0.00	10,017	198.55	0.01

Stage-Discharge for Pond B-15: Basin #15

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.00	0.00	196.52	0.00	197.04	0.00	197.56	0.00
196.01	0.00	196.53	0.00	197.05	0.00	197.57	0.00
196.02	0.00	196.54	0.00	197.06	0.00	197.58	0.00
196.03	0.00	196.55	0.00	197.07	0.00	197.59	0.00
196.04	0.00	196.56	0.00	197.08	0.00	197.60	0.00
196.05	0.00	196.57	0.00	197.09	0.00	197.61	0.00
196.06	0.00	196.58	0.00	197.10	0.00	197.62	0.00
196.07	0.00	196.59	0.00	197.11	0.00	197.63	0.00
196.08	0.00	196.60	0.00	197.12	0.00	197.64	0.00
196.09	0.00	196.61	0.00	197.13	0.00	197.65	0.00
196.10	0.00	196.62	0.00	197.14	0.00	197.66	0.00
196.11	0.00	196.63	0.00	197.15	0.00	197.67	0.00
196.12	0.00	196.64	0.00	197.16	0.00	197.68	0.00
196.13	0.00	196.65	0.00	197.17	0.00	197.69	0.00
196.14	0.00	196.66	0.00	197.18	0.00	197.70	0.00
196.15	0.00	196.67	0.00	197.19	0.00	197.71	0.00
196.16	0.00	196.68	0.00	197.20	0.00	197.72	0.00
196.17	0.00	196.69	0.00	197.21	0.00	197.73	0.00
196.18	0.00	196.70	0.00	197.22	0.00	197.74	0.00
196.19	0.00	196.71	0.00	197.23	0.00	197.75	0.00
196.20	0.00	196.72	0.00	197.24	0.00	197.76	0.00
196.21	0.00	196.73	0.00	197.25	0.00	197.77	0.00
196.22	0.00	196.74	0.00	197.26	0.00	197.78	0.00
196.23	0.00	196.75	0.00	197.27	0.00	197.79	0.00
196.24	0.00	196.76	0.00	197.28	0.00	197.80	0.00
196.25	0.00	196.77	0.00	197.29	0.00	197.81	0.00
196.26	0.00	196.78	0.00	197.30	0.00	197.82	0.00
196.27	0.00	196.79	0.00	197.31	0.00	197.83	0.00
196.28	0.00	196.80	0.00	197.32	0.00	197.84	0.00
196.29	0.00	196.81	0.00	197.33	0.00	197.85	0.00
196.30	0.00	196.82	0.00	197.34	0.00	197.86	0.00
196.31	0.00	196.83	0.00	197.35	0.00	197.87	0.00
196.32	0.00	196.84	0.00	197.36	0.00	197.88	0.00
196.33	0.00	196.85	0.00	197.37	0.00	197.89	0.00
196.34	0.00	196.86	0.00	197.38	0.00	197.90	0.00
196.35	0.00	196.87	0.00	197.39	0.00	197.91	0.00
196.36	0.00	196.88	0.00	197.40	0.00	197.92	0.00
196.37	0.00	196.89	0.00	197.41	0.00	197.93	0.00
196.38	0.00	196.90	0.00	197.42	0.00	197.94	0.00
196.39	0.00	196.91	0.00	197.43	0.00	197.95	0.00
196.40	0.00	196.92	0.00	197.44	0.00	197.96	0.00
196.41	0.00	196.93	0.00	197.45	0.00	197.97	0.00
196.42	0.00	196.94	0.00	197.46	0.00	197.98	0.00
196.43	0.00	196.95	0.00	197.47	0.00	197.99	0.00
196.44	0.00	196.96	0.00	197.48	0.00	198.00	0.00
196.45	0.00	196.97	0.00	197.49	0.00	198.01	0.00
196.46	0.00	196.98	0.00	197.50	0.00	198.02	0.00
196.47	0.00	196.99	0.00	197.51	0.00	198.03	0.00
196.48	0.00	197.00	0.00	197.52	0.00	198.04	0.00
196.49	0.00	197.01	0.00	197.53	0.00	198.05	0.00
196.50	0.00	197.02	0.00	197.54	0.00	198.06	0.00
196.51	0.00	197.03	0.00	197.55	0.00	198.07	0.00

Stage-Discharge for Pond B-15: Basin #15 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
198.08	0.00	198.60	0.02	199.12	0.66	199.64	6.65
198.09	0.00	198.61	0.02	199.13	0.73	199.65	6.80
198.10	0.00	198.62	0.02	199.14	0.80	199.66	6.95
198.11	0.00	198.63	0.03	199.15	0.88	199.67	7.10
198.12	0.00	198.64	0.03	199.16	0.95	199.68	7.26
198.13	0.00	198.65	0.03	199.17	1.03	199.69	7.41
198.14	0.00	198.66	0.04	199.18	1.11	199.70	7.56
198.15	0.00	198.67	0.04	199.19	1.20	199.71	7.72
198.16	0.00	198.68	0.05	199.20	1.28	199.72	7.88
198.17	0.00	198.69	0.05	199.21	1.37	199.73	8.03
198.18	0.00	198.70	0.05	199.22	1.46	199.74	8.19
198.19	0.00	198.71	0.05	199.23	1.56	199.75	8.35
198.20	0.00	198.72	0.06	199.24	1.65	199.76	8.51
198.21	0.00	198.73	0.06	199.25	1.75	199.77	8.67
198.22	0.00	198.74	0.06	199.26	1.84	199.78	8.84
198.23	0.00	198.75	0.06	199.27	1.94	199.79	9.00
198.24	0.00	198.76	0.06	199.28	2.05	199.80	9.16
198.25	0.00	198.77	0.07	199.29	2.15	199.81	9.33
198.26	0.00	198.78	0.07	199.30	2.25	199.82	9.50
198.27	0.00	198.79	0.07	199.31	2.36	199.83	9.66
198.28	0.00	198.80	0.07	199.32	2.47	199.84	9.83
198.29	0.00	198.81	0.07	199.33	2.58	199.85	10.00
198.30	0.00	198.82	0.08	199.34	2.69	199.86	10.17
198.31	0.00	198.83	0.08	199.35	2.80	199.87	10.34
198.32	0.00	198.84	0.08	199.36	2.92	199.88	10.51
198.33	0.00	198.85	0.08	199.37	3.03	199.89	10.68
198.34	0.00	198.86	0.08	199.38	3.15	199.90	10.85
198.35	0.00	198.87	0.08	199.39	3.27	199.91	11.03
198.36	0.00	198.88	0.09	199.40	3.39	199.92	11.20
198.37	0.00	198.89	0.09	199.41	3.51	199.93	11.37
198.38	0.00	198.90	0.09	199.42	3.63	199.94	11.55
198.39	0.00	198.91	0.09	199.43	3.76	199.95	11.73
198.40	0.00	198.92	0.09	199.44	3.88	199.96	12.02
198.41	0.00	198.93	0.09	199.45	4.01	199.97	12.41
198.42	0.00	198.94	0.10	199.46	4.14	199.98	12.87
198.43	0.00	198.95	0.10	199.47	4.27	199.99	13.38
198.44	0.00	198.96	0.10	199.48	4.40	200.00	13.93
198.45	0.00	198.97	0.10	199.49	4.53		
198.46	0.00	198.98	0.10	199.50	4.66		
198.47	0.00	198.99	0.10	199.51	4.80		
198.48	0.00	199.00	0.10	199.52	4.93		
198.49	0.00	199.01	0.12	199.53	5.07		
198.50	0.00	199.02	0.14	199.54	5.21		
198.51	0.00	199.03	0.17	199.55	5.35		
198.52	0.00	199.04	0.21	199.56	5.49		
198.53	0.00	199.05	0.26	199.57	5.63		
198.54	0.00	199.06	0.30	199.58	5.77		
198.55	0.00	199.07	0.35	199.59	5.92		
198.56	0.01	199.08	0.41	199.60	6.06		
198.57	0.01	199.09	0.47	199.61	6.21		
198.58	0.01	199.10	0.53	199.62	6.35		
198.59	0.01	199.11	0.59	199.63	6.50		

Stage-Area-Storage for Pond B-15: Basin #15

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.00	3,221	0	196.52	3,504	1,748
196.01	3,226	32	196.53	3,509	1,784
196.02	3,232	65	196.54	3,515	1,819
196.03	3,237	97	196.55	3,520	1,854
196.04	3,243	129	196.56	3,526	1,889
196.05	3,248	162	196.57	3,531	1,924
196.06	3,254	194	196.58	3,537	1,960
196.07	3,259	227	196.59	3,542	1,995
196.08	3,265	259	196.60	3,547	2,031
196.09	3,270	292	196.61	3,553	2,066
196.10	3,275	325	196.62	3,558	2,102
196.11	3,281	358	196.63	3,564	2,137
196.12	3,286	390	196.64	3,569	2,173
196.13	3,292	423	196.65	3,575	2,209
196.14	3,297	456	196.66	3,580	2,244
196.15	3,303	489	196.67	3,585	2,280
196.16	3,308	522	196.68	3,591	2,316
196.17	3,313	555	196.69	3,596	2,352
196.18	3,319	589	196.70	3,602	2,388
196.19	3,324	622	196.71	3,607	2,424
196.20	3,330	655	196.72	3,613	2,460
196.21	3,335	688	196.73	3,618	2,496
196.22	3,341	722	196.74	3,624	2,532
196.23	3,346	755	196.75	3,629	2,569
196.24	3,352	789	196.76	3,634	2,605
196.25	3,357	822	196.77	3,640	2,641
196.26	3,362	856	196.78	3,645	2,678
196.27	3,368	889	196.79	3,651	2,714
196.28	3,373	923	196.80	3,656	2,751
196.29	3,379	957	196.81	3,662	2,787
196.30	3,384	991	196.82	3,667	2,824
196.31	3,390	1,025	196.83	3,673	2,861
196.32	3,395	1,059	196.84	3,678	2,898
196.33	3,401	1,093	196.85	3,683	2,934
196.34	3,406	1,127	196.86	3,689	2,971
196.35	3,411	1,161	196.87	3,694	3,008
196.36	3,417	1,195	196.88	3,700	3,045
196.37	3,422	1,229	196.89	3,705	3,082
196.38	3,428	1,263	196.90	3,711	3,119
196.39	3,433	1,298	196.91	3,716	3,156
196.40	3,439	1,332	196.92	3,721	3,194
196.41	3,444	1,366	196.93	3,727	3,231
196.42	3,449	1,401	196.94	3,732	3,268
196.43	3,455	1,435	196.95	3,738	3,305
196.44	3,460	1,470	196.96	3,743	3,343
196.45	3,466	1,505	196.97	3,749	3,380
196.46	3,471	1,539	196.98	3,754	3,418
196.47	3,477	1,574	196.99	3,760	3,455
196.48	3,482	1,609	197.00	3,765	3,493
196.49	3,488	1,644	197.01	3,771	3,531
196.50	3,493	1,679	197.02	3,776	3,568
196.51	3,498	1,713	197.03	3,782	3,606

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.04	3,788	3,644	197.56	4,083	5,690
197.05	3,793	3,682	197.57	4,089	5,731
197.06	3,799	3,720	197.58	4,094	5,772
197.07	3,805	3,758	197.59	4,100	5,813
197.08	3,810	3,796	197.60	4,106	5,854
197.09	3,816	3,834	197.61	4,111	5,895
197.10	3,822	3,872	197.62	4,117	5,936
197.11	3,827	3,911	197.63	4,123	5,978
197.12	3,833	3,949	197.64	4,129	6,019
197.13	3,839	3,987	197.65	4,134	6,060
197.14	3,845	4,026	197.66	4,140	6,102
197.15	3,850	4,064	197.67	4,146	6,143
197.16	3,856	4,103	197.68	4,151	6,185
197.17	3,862	4,141	197.69	4,157	6,226
197.18	3,867	4,180	197.70	4,163	6,268
197.19	3,873	4,219	197.71	4,168	6,309
197.20	3,879	4,257	197.72	4,174	6,351
197.21	3,884	4,296	197.73	4,180	6,393
197.22	3,890	4,335	197.74	4,185	6,435
197.23	3,896	4,374	197.75	4,191	6,477
197.24	3,901	4,413	197.76	4,197	6,518
197.25	3,907	4,452	197.77	4,202	6,560
197.26	3,913	4,491	197.78	4,208	6,602
197.27	3,918	4,530	197.79	4,214	6,645
197.28	3,924	4,569	197.80	4,219	6,687
197.29	3,930	4,609	197.81	4,225	6,729
197.30	3,935	4,648	197.82	4,231	6,771
197.31	3,941	4,687	197.83	4,236	6,814
197.32	3,947	4,727	197.84	4,242	6,856
197.33	3,952	4,766	197.85	4,248	6,898
197.34	3,958	4,806	197.86	4,253	6,941
197.35	3,964	4,846	197.87	4,259	6,984
197.36	3,969	4,885	197.88	4,265	7,026
197.37	3,975	4,925	197.89	4,271	7,069
197.38	3,981	4,965	197.90	4,276	7,112
197.39	3,987	5,005	197.91	4,282	7,154
197.40	3,992	5,044	197.92	4,288	7,197
197.41	3,998	5,084	197.93	4,293	7,240
197.42	4,004	5,124	197.94	4,299	7,283
197.43	4,009	5,164	197.95	4,305	7,326
197.44	4,015	5,205	197.96	4,310	7,369
197.45	4,021	5,245	197.97	4,316	7,412
197.46	4,026	5,285	197.98	4,322	7,455
197.47	4,032	5,325	197.99	4,327	7,499
197.48	4,038	5,366	198.00	4,333	7,542
197.49	4,043	5,406	198.01	4,339	7,585
197.50	4,049	5,447	198.02	4,345	7,629
197.51	4,055	5,487	198.03	4,351	7,672
197.52	4,060	5,528	198.04	4,357	7,716
197.53	4,066	5,568	198.05	4,363	7,759
197.54	4,072	5,609	198.06	4,369	7,803
197.55	4,077	5,650	198.07	4,375	7,847

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.08	4,381	7,891	198.60	4,691	10,249
198.09	4,387	7,934	198.61	4,697	10,296
198.10	4,393	7,978	198.62	4,703	10,343
198.11	4,399	8,022	198.63	4,709	10,390
198.12	4,405	8,066	198.64	4,715	10,437
198.13	4,411	8,110	198.65	4,721	10,485
198.14	4,417	8,154	198.66	4,727	10,532
198.15	4,423	8,199	198.67	4,733	10,579
198.16	4,429	8,243	198.68	4,739	10,626
198.17	4,434	8,287	198.69	4,745	10,674
198.18	4,440	8,332	198.70	4,751	10,721
198.19	4,446	8,376	198.71	4,757	10,769
198.20	4,452	8,421	198.72	4,763	10,817
198.21	4,458	8,465	198.73	4,769	10,864
198.22	4,464	8,510	198.74	4,775	10,912
198.23	4,470	8,554	198.75	4,781	10,960
198.24	4,476	8,599	198.76	4,787	11,007
198.25	4,482	8,644	198.77	4,793	11,055
198.26	4,488	8,689	198.78	4,799	11,103
198.27	4,494	8,734	198.79	4,805	11,151
198.28	4,500	8,779	198.80	4,811	11,199
198.29	4,506	8,824	198.81	4,817	11,248
198.30	4,512	8,869	198.82	4,823	11,296
198.31	4,518	8,914	198.83	4,829	11,344
198.32	4,524	8,959	198.84	4,834	11,392
198.33	4,530	9,004	198.85	4,840	11,441
198.34	4,536	9,050	198.86	4,846	11,489
198.35	4,542	9,095	198.87	4,852	11,538
198.36	4,548	9,141	198.88	4,858	11,586
198.37	4,554	9,186	198.89	4,864	11,635
198.38	4,560	9,232	198.90	4,870	11,683
198.39	4,566	9,277	198.91	4,876	11,732
198.40	4,572	9,323	198.92	4,882	11,781
198.41	4,578	9,369	198.93	4,888	11,830
198.42	4,584	9,415	198.94	4,894	11,879
198.43	4,590	9,460	198.95	4,900	11,928
198.44	4,596	9,506	198.96	4,906	11,977
198.45	4,602	9,552	198.97	4,912	12,026
198.46	4,608	9,598	198.98	4,918	12,075
198.47	4,614	9,644	198.99	4,924	12,124
198.48	4,620	9,691	199.00	4,930	12,174
198.49	4,626	9,737	199.01	4,936	12,223
198.50	4,632	9,783	199.02	4,943	12,272
198.51	4,637	9,829	199.03	4,949	12,322
198.52	4,643	9,876	199.04	4,955	12,371
198.53	4,649	9,922	199.05	4,961	12,421
198.54	4,655	9,969	199.06	4,968	12,470
198.55	4,661	10,015	199.07	4,974	12,520
198.56	4,667	10,062	199.08	4,980	12,570
198.57	4,673	10,109	199.09	4,987	12,620
198.58	4,679	10,156	199.10	4,993	12,670
198.59	4,685	10,202	199.11	4,999	12,720

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.12	5,005	12,770	199.64	5,333	15,458
199.13	5,012	12,820	199.65	5,339	15,511
199.14	5,018	12,870	199.66	5,345	15,564
199.15	5,024	12,920	199.67	5,351	15,618
199.16	5,031	12,970	199.68	5,358	15,671
199.17	5,037	13,021	199.69	5,364	15,725
199.18	5,043	13,071	199.70	5,370	15,779
199.19	5,050	13,122	199.71	5,377	15,832
199.20	5,056	13,172	199.72	5,383	15,886
199.21	5,062	13,223	199.73	5,389	15,940
199.22	5,068	13,273	199.74	5,395	15,994
199.23	5,075	13,324	199.75	5,402	16,048
199.24	5,081	13,375	199.76	5,408	16,102
199.25	5,087	13,426	199.77	5,414	16,156
199.26	5,094	13,477	199.78	5,421	16,210
199.27	5,100	13,528	199.79	5,427	16,264
199.28	5,106	13,579	199.80	5,433	16,319
199.29	5,112	13,630	199.81	5,439	16,373
199.30	5,119	13,681	199.82	5,446	16,428
199.31	5,125	13,732	199.83	5,452	16,482
199.32	5,131	13,783	199.84	5,458	16,537
199.33	5,138	13,835	199.85	5,465	16,591
199.34	5,144	13,886	199.86	5,471	16,646
199.35	5,150	13,938	199.87	5,477	16,701
199.36	5,156	13,989	199.88	5,484	16,755
199.37	5,163	14,041	199.89	5,490	16,810
199.38	5,169	14,092	199.90	5,496	16,865
199.39	5,175	14,144	199.91	5,502	16,920
199.40	5,182	14,196	199.92	5,509	16,975
199.41	5,188	14,248	199.93	5,515	17,030
199.42	5,194	14,300	199.94	5,521	17,086
199.43	5,200	14,352	199.95	5,528	17,141
199.44	5,207	14,404	199.96	5,534	17,196
199.45	5,213	14,456	199.97	5,540	17,252
199.46	5,219	14,508	199.98	5,546	17,307
199.47	5,226	14,560	199.99	5,553	17,362
199.48	5,232	14,612	200.00	5,559	17,418
199.49	5,238	14,665			
199.50	5,245	14,717			
199.51	5,251	14,770			
199.52	5,257	14,822			
199.53	5,263	14,875			
199.54	5,270	14,927			
199.55	5,276	14,980			
199.56	5,282	15,033			
199.57	5,289	15,086			
199.58	5,295	15,139			
199.59	5,301	15,192			
199.60	5,307	15,245			
199.61	5,314	15,298			
199.62	5,320	15,351			
199.63	5,326	15,404			

Summary for Pond B-16A: Basin #16A

Inflow Area = 1.876 ac, 45.47% Impervious, Inflow Depth = 2.45" for Future 2 yr event
 Inflow = 4.63 cfs @ 12.17 hrs, Volume= 0.384 af
 Outflow = 0.74 cfs @ 12.77 hrs, Volume= 0.300 af, Atten= 84%, Lag= 35.9 min
 Primary = 0.74 cfs @ 12.77 hrs, Volume= 0.300 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.74' @ 12.77 hrs Surf.Area= 4,650 sf Storage= 9,810 cf

Plug-Flow detention time= 481.6 min calculated for 0.300 af (78% of inflow)
 Center-of-Mass det. time= 394.0 min (1,184.8 - 790.7)

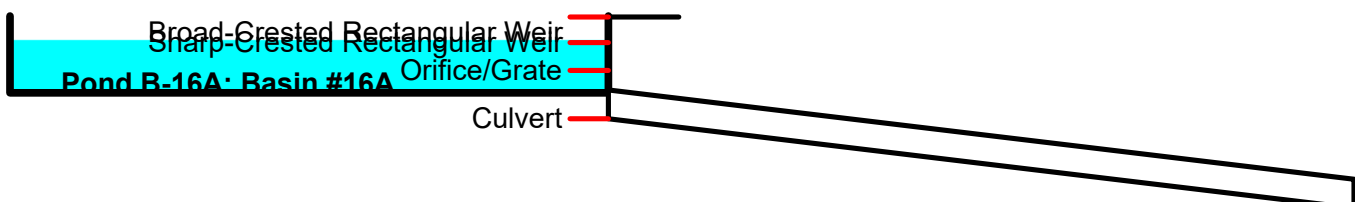
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	16,318 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	2,543	0	0
179.00	3,287	2,915	2,915
180.00	4,059	3,673	6,588
181.00	4,858	4,459	11,047
182.00	5,685	5,272	16,318

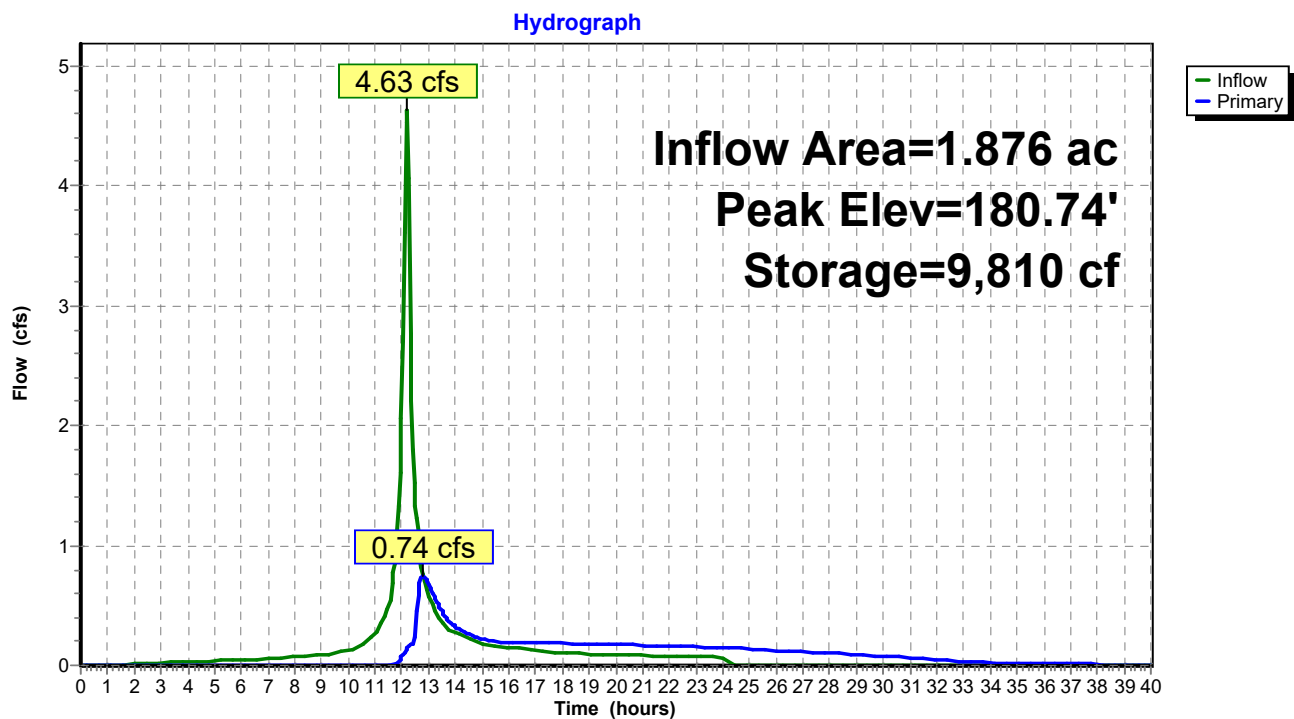
Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.62'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.74 cfs @ 12.77 hrs HW=180.74' (Free Discharge)

- 1=Culvert (Passes 0.74 cfs of 15.55 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.83 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 0.54 cfs @ 1.13 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16A: Basin #16A



Hydrograph for Pond B-16A: Basin #16A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.00	0	178.00	0.00
0.80	0.00	0	178.00	0.00
0.90	0.00	0	178.00	0.00
1.00	0.00	0	178.00	0.00
1.10	0.00	0	178.00	0.00
1.20	0.00	0	178.00	0.00
1.30	0.00	1	178.00	0.00
1.40	0.00	2	178.00	0.00
1.50	0.01	4	178.00	0.00
1.60	0.01	6	178.00	0.00
1.70	0.01	9	178.00	0.00
1.80	0.01	12	178.00	0.00
1.90	0.01	16	178.01	0.00
2.00	0.01	20	178.01	0.00
2.10	0.01	24	178.01	0.00
2.20	0.01	29	178.01	0.00
2.30	0.02	34	178.01	0.00
2.40	0.02	40	178.02	0.00
2.50	0.02	46	178.02	0.00
2.60	0.02	52	178.02	0.00
2.70	0.02	59	178.02	0.00
2.80	0.02	66	178.03	0.00
2.90	0.02	73	178.03	0.00
3.00	0.02	81	178.03	0.00
3.10	0.02	89	178.03	0.00
3.20	0.02	97	178.04	0.00
3.30	0.02	106	178.04	0.00
3.40	0.03	115	178.04	0.00
3.50	0.03	124	178.05	0.00
3.60	0.03	134	178.05	0.00
3.70	0.03	144	178.06	0.00
3.80	0.03	154	178.06	0.00
3.90	0.03	164	178.06	0.00
4.00	0.03	175	178.07	0.00
4.10	0.03	186	178.07	0.00
4.20	0.03	197	178.08	0.00
4.30	0.03	208	178.08	0.00
4.40	0.03	220	178.09	0.00
4.50	0.03	232	178.09	0.00
4.60	0.03	244	178.09	0.00
4.70	0.03	257	178.10	0.00
4.80	0.04	269	178.10	0.00
4.90	0.04	282	178.11	0.00
5.00	0.04	295	178.11	0.00
5.10	0.04	309	178.12	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	322	178.12	0.00
5.30	0.04	336	178.13	0.00
5.40	0.04	350	178.13	0.00
5.50	0.04	364	178.14	0.00
5.60	0.04	378	178.15	0.00
5.70	0.04	393	178.15	0.00
5.80	0.04	408	178.16	0.00
5.90	0.04	423	178.16	0.00
6.00	0.04	438	178.17	0.00
6.10	0.04	453	178.17	0.00
6.20	0.04	469	178.18	0.00
6.30	0.05	485	178.19	0.00
6.40	0.05	502	178.19	0.00
6.50	0.05	519	178.20	0.00
6.60	0.05	537	178.20	0.00
6.70	0.05	555	178.21	0.00
6.80	0.05	574	178.22	0.00
6.90	0.05	593	178.23	0.00
7.00	0.06	613	178.23	0.00
7.10	0.06	633	178.24	0.00
7.20	0.06	654	178.25	0.00
7.30	0.06	675	178.26	0.00
7.40	0.06	696	178.26	0.00
7.50	0.06	719	178.27	0.00
7.60	0.06	741	178.28	0.00
7.70	0.07	765	178.29	0.00
7.80	0.07	788	178.30	0.00
7.90	0.07	813	178.31	0.00
8.00	0.07	837	178.31	0.00
8.10	0.07	863	178.32	0.00
8.20	0.07	888	178.33	0.00
8.30	0.07	915	178.34	0.00
8.40	0.08	942	178.35	0.00
8.50	0.08	969	178.36	0.00
8.60	0.08	997	178.37	0.00
8.70	0.08	1,025	178.38	0.00
8.80	0.08	1,054	178.39	0.00
8.90	0.08	1,083	178.40	0.00
9.00	0.08	1,113	178.41	0.00
9.10	0.09	1,144	178.42	0.00
9.20	0.09	1,176	178.43	0.00
9.30	0.09	1,209	178.45	0.00
9.40	0.10	1,244	178.46	0.00
9.50	0.10	1,281	178.47	0.00
9.60	0.11	1,319	178.48	0.00
9.70	0.11	1,359	178.50	0.00
9.80	0.12	1,402	178.51	0.00
9.90	0.12	1,445	178.53	0.00
10.00	0.13	1,491	178.54	0.00
10.10	0.13	1,538	178.56	0.00
10.20	0.14	1,588	178.58	0.00
10.30	0.15	1,639	178.59	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,694	178.61	0.00
10.50	0.16	1,750	178.63	0.00
10.60	0.17	1,810	178.65	0.00
10.70	0.19	1,875	178.67	0.00
10.80	0.21	1,947	178.70	0.00
10.90	0.24	2,028	178.72	0.00
11.00	0.26	2,118	178.75	0.00
11.10	0.29	2,216	178.78	0.00
11.20	0.33	2,328	178.82	0.00
11.30	0.38	2,456	178.86	0.00
11.40	0.43	2,600	178.90	0.00
11.50	0.48	2,763	178.95	0.00
11.60	0.58	2,950	179.01	0.00
11.70	0.78	3,197	179.08	0.00
11.80	0.96	3,507	179.18	0.00
11.90	1.32	3,909	179.29	0.02
12.00	2.06	4,486	179.45	0.07
12.10	3.62	5,450	179.71	0.11
12.20	4.50	6,949	180.09	0.15
12.30	2.77	8,197	180.38	0.17
12.40	1.80	8,940	180.55	0.19
12.50	1.34	9,419	180.66	0.29
12.60	1.09	9,698	180.72	0.59
12.70	0.83	9,798	180.74	0.73
12.80	0.71	9,808	180.74	0.74
12.90	0.64	9,790	180.74	0.71
13.00	0.58	9,761	180.73	0.67
13.10	0.52	9,726	180.72	0.62
13.20	0.47	9,689	180.71	0.57
13.30	0.43	9,652	180.71	0.53
13.40	0.40	9,617	180.70	0.49
13.50	0.36	9,585	180.69	0.45
13.60	0.33	9,555	180.68	0.41
13.70	0.30	9,526	180.68	0.38
13.80	0.29	9,500	180.67	0.36
13.90	0.28	9,477	180.67	0.34
14.00	0.27	9,457	180.66	0.32
14.10	0.26	9,440	180.66	0.31
14.20	0.25	9,425	180.66	0.29
14.30	0.25	9,411	180.65	0.28
14.40	0.24	9,399	180.65	0.27
14.50	0.23	9,387	180.65	0.26
14.60	0.22	9,375	180.65	0.25
14.70	0.21	9,364	180.64	0.24
14.80	0.20	9,353	180.64	0.23
14.90	0.19	9,342	180.64	0.23
15.00	0.18	9,330	180.64	0.22
15.10	0.18	9,317	180.63	0.21
15.20	0.17	9,302	180.63	0.21
15.30	0.17	9,288	180.63	0.20
15.40	0.16	9,275	180.62	0.20
15.50	0.16	9,263	180.62	0.19

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	9,252	180.62	0.19
15.70	0.16	9,240	180.62	0.19
15.80	0.15	9,227	180.61	0.19
15.90	0.15	9,213	180.61	0.19
16.00	0.15	9,199	180.61	0.19
16.10	0.15	9,184	180.60	0.19
16.20	0.14	9,169	180.60	0.19
16.30	0.14	9,152	180.60	0.19
16.40	0.14	9,135	180.59	0.19
16.50	0.14	9,117	180.59	0.19
16.60	0.14	9,098	180.58	0.19
16.70	0.13	9,079	180.58	0.19
16.80	0.13	9,059	180.58	0.19
16.90	0.13	9,038	180.57	0.19
17.00	0.13	9,017	180.57	0.19
17.10	0.12	8,995	180.56	0.19
17.20	0.12	8,972	180.56	0.19
17.30	0.12	8,948	180.55	0.19
17.40	0.12	8,924	180.55	0.19
17.50	0.11	8,899	180.54	0.18
17.60	0.11	8,873	180.53	0.18
17.70	0.11	8,847	180.53	0.18
17.80	0.11	8,819	180.52	0.18
17.90	0.10	8,792	180.52	0.18
18.00	0.10	8,763	180.51	0.18
18.10	0.10	8,734	180.50	0.18
18.20	0.10	8,704	180.50	0.18
18.30	0.10	8,674	180.49	0.18
18.40	0.10	8,644	180.48	0.18
18.50	0.10	8,614	180.48	0.18
18.60	0.10	8,583	180.47	0.18
18.70	0.09	8,553	180.46	0.18
18.80	0.09	8,523	180.46	0.18
18.90	0.09	8,492	180.45	0.18
19.00	0.09	8,462	180.44	0.18
19.10	0.09	8,432	180.44	0.18
19.20	0.09	8,401	180.43	0.18
19.30	0.09	8,371	180.42	0.18
19.40	0.09	8,340	180.41	0.18
19.50	0.09	8,310	180.41	0.17
19.60	0.09	8,279	180.40	0.17
19.70	0.09	8,249	180.39	0.17
19.80	0.09	8,218	180.39	0.17
19.90	0.09	8,188	180.38	0.17
20.00	0.09	8,158	180.37	0.17
20.10	0.09	8,127	180.37	0.17
20.20	0.09	8,097	180.36	0.17
20.30	0.09	8,066	180.35	0.17
20.40	0.08	8,035	180.34	0.17
20.50	0.08	8,005	180.34	0.17
20.60	0.08	7,974	180.33	0.17
20.70	0.08	7,944	180.32	0.17

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	7,913	180.32	0.17
20.90	0.08	7,883	180.31	0.17
21.00	0.08	7,852	180.30	0.17
21.10	0.08	7,822	180.30	0.17
21.20	0.08	7,791	180.29	0.17
21.30	0.08	7,760	180.28	0.16
21.40	0.08	7,730	180.27	0.16
21.50	0.08	7,699	180.27	0.16
21.60	0.08	7,669	180.26	0.16
21.70	0.08	7,638	180.25	0.16
21.80	0.08	7,607	180.25	0.16
21.90	0.08	7,577	180.24	0.16
22.00	0.08	7,546	180.23	0.16
22.10	0.07	7,516	180.22	0.16
22.20	0.07	7,485	180.22	0.16
22.30	0.07	7,455	180.21	0.16
22.40	0.07	7,424	180.20	0.16
22.50	0.07	7,394	180.19	0.16
22.60	0.07	7,363	180.19	0.16
22.70	0.07	7,333	180.18	0.16
22.80	0.07	7,302	180.17	0.16
22.90	0.07	7,272	180.17	0.15
23.00	0.07	7,241	180.16	0.15
23.10	0.07	7,211	180.15	0.15
23.20	0.07	7,180	180.14	0.15
23.30	0.07	7,150	180.14	0.15
23.40	0.07	7,119	180.13	0.15
23.50	0.07	7,089	180.12	0.15
23.60	0.07	7,059	180.11	0.15
23.70	0.07	7,028	180.11	0.15
23.80	0.07	6,998	180.10	0.15
23.90	0.06	6,968	180.09	0.15
24.00	0.07	6,938	180.09	0.15
24.10	0.06	6,909	180.08	0.15
24.20	0.02	6,868	180.07	0.15
24.30	0.00	6,819	180.06	0.15
24.40	0.00	6,768	180.04	0.14
24.50	0.00	6,716	180.03	0.14
24.60	0.00	6,665	180.02	0.14
24.70	0.00	6,614	180.01	0.14
24.80	0.00	6,564	179.99	0.14
24.90	0.00	6,514	179.98	0.14
25.00	0.00	6,465	179.97	0.14
25.10	0.00	6,416	179.96	0.14
25.20	0.00	6,367	179.95	0.13
25.30	0.00	6,319	179.93	0.13
25.40	0.00	6,271	179.92	0.13
25.50	0.00	6,224	179.91	0.13
25.60	0.00	6,177	179.90	0.13
25.70	0.00	6,130	179.89	0.13
25.80	0.00	6,084	179.87	0.13
25.90	0.00	6,039	179.86	0.13

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,994	179.85	0.12
26.10	0.00	5,949	179.84	0.12
26.20	0.00	5,905	179.83	0.12
26.30	0.00	5,861	179.82	0.12
26.40	0.00	5,818	179.81	0.12
26.50	0.00	5,775	179.80	0.12
26.60	0.00	5,732	179.78	0.12
26.70	0.00	5,690	179.77	0.12
26.80	0.00	5,649	179.76	0.11
26.90	0.00	5,608	179.75	0.11
27.00	0.00	5,567	179.74	0.11
27.10	0.00	5,527	179.73	0.11
27.20	0.00	5,487	179.72	0.11
27.30	0.00	5,448	179.71	0.11
27.40	0.00	5,409	179.70	0.11
27.50	0.00	5,371	179.69	0.11
27.60	0.00	5,333	179.68	0.10
27.70	0.00	5,295	179.67	0.10
27.80	0.00	5,258	179.66	0.10
27.90	0.00	5,222	179.65	0.10
28.00	0.00	5,186	179.64	0.10
28.10	0.00	5,150	179.63	0.10
28.20	0.00	5,115	179.62	0.10
28.30	0.00	5,080	179.61	0.10
28.40	0.00	5,046	179.61	0.09
28.50	0.00	5,012	179.60	0.09
28.60	0.00	4,979	179.59	0.09
28.70	0.00	4,946	179.58	0.09
28.80	0.00	4,914	179.57	0.09
28.90	0.00	4,882	179.56	0.09
29.00	0.00	4,851	179.55	0.09
29.10	0.00	4,820	179.54	0.09
29.20	0.00	4,789	179.54	0.08
29.30	0.00	4,759	179.53	0.08
29.40	0.00	4,730	179.52	0.08
29.50	0.00	4,700	179.51	0.08
29.60	0.00	4,672	179.50	0.08
29.70	0.00	4,644	179.50	0.08
29.80	0.00	4,616	179.49	0.08
29.90	0.00	4,589	179.48	0.07
30.00	0.00	4,562	179.47	0.07
30.10	0.00	4,536	179.47	0.07
30.20	0.00	4,510	179.46	0.07
30.30	0.00	4,485	179.45	0.07
30.40	0.00	4,460	179.45	0.07
30.50	0.00	4,436	179.44	0.07
30.60	0.00	4,412	179.43	0.07
30.70	0.00	4,389	179.43	0.06
30.80	0.00	4,366	179.42	0.06
30.90	0.00	4,344	179.41	0.06
31.00	0.00	4,322	179.41	0.06
31.10	0.00	4,301	179.40	0.06

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,280	179.40	0.06
31.30	0.00	4,259	179.39	0.06
31.40	0.00	4,239	179.39	0.05
31.50	0.00	4,220	179.38	0.05
31.60	0.00	4,201	179.37	0.05
31.70	0.00	4,183	179.37	0.05
31.80	0.00	4,164	179.36	0.05
31.90	0.00	4,147	179.36	0.05
32.00	0.00	4,130	179.35	0.05
32.10	0.00	4,113	179.35	0.05
32.20	0.00	4,097	179.35	0.04
32.30	0.00	4,082	179.34	0.04
32.40	0.00	4,067	179.34	0.04
32.50	0.00	4,053	179.33	0.04
32.60	0.00	4,039	179.33	0.04
32.70	0.00	4,026	179.33	0.04
32.80	0.00	4,013	179.32	0.04
32.90	0.00	4,000	179.32	0.03
33.00	0.00	3,988	179.31	0.03
33.10	0.00	3,977	179.31	0.03
33.20	0.00	3,965	179.31	0.03
33.30	0.00	3,955	179.31	0.03
33.40	0.00	3,944	179.30	0.03
33.50	0.00	3,934	179.30	0.03
33.60	0.00	3,924	179.30	0.03
33.70	0.00	3,915	179.29	0.03
33.80	0.00	3,906	179.29	0.02
33.90	0.00	3,897	179.29	0.02
34.00	0.00	3,889	179.29	0.02
34.10	0.00	3,881	179.28	0.02
34.20	0.00	3,873	179.28	0.02
34.30	0.00	3,865	179.28	0.02
34.40	0.00	3,858	179.28	0.02
34.50	0.00	3,851	179.28	0.02
34.60	0.00	3,844	179.27	0.02
34.70	0.00	3,837	179.27	0.02
34.80	0.00	3,831	179.27	0.02
34.90	0.00	3,825	179.27	0.02
35.00	0.00	3,819	179.27	0.02
35.10	0.00	3,813	179.26	0.02
35.20	0.00	3,807	179.26	0.02
35.30	0.00	3,801	179.26	0.02
35.40	0.00	3,796	179.26	0.01
35.50	0.00	3,791	179.26	0.01
35.60	0.00	3,785	179.26	0.01
35.70	0.00	3,781	179.26	0.01
35.80	0.00	3,776	179.25	0.01
35.90	0.00	3,771	179.25	0.01
36.00	0.00	3,766	179.25	0.01
36.10	0.00	3,762	179.25	0.01
36.20	0.00	3,758	179.25	0.01
36.30	0.00	3,754	179.25	0.01

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,750	179.25	0.01
36.50	0.00	3,746	179.25	0.01
36.60	0.00	3,742	179.24	0.01
36.70	0.00	3,738	179.24	0.01
36.80	0.00	3,735	179.24	0.01
36.90	0.00	3,731	179.24	0.01
37.00	0.00	3,728	179.24	0.01
37.10	0.00	3,725	179.24	0.01
37.20	0.00	3,721	179.24	0.01
37.30	0.00	3,718	179.24	0.01
37.40	0.00	3,715	179.24	0.01
37.50	0.00	3,712	179.24	0.01
37.60	0.00	3,709	179.24	0.01
37.70	0.00	3,706	179.23	0.01
37.80	0.00	3,703	179.23	0.01
37.90	0.00	3,701	179.23	0.01
38.00	0.00	3,698	179.23	0.01
38.10	0.00	3,695	179.23	0.01
38.20	0.00	3,693	179.23	0.01
38.30	0.00	3,690	179.23	0.01
38.40	0.00	3,687	179.23	0.01
38.50	0.00	3,685	179.23	0.01
38.60	0.00	3,682	179.23	0.01
38.70	0.00	3,680	179.23	0.01
38.80	0.00	3,678	179.23	0.01
38.90	0.00	3,675	179.23	0.01
39.00	0.00	3,673	179.22	0.01
39.10	0.00	3,671	179.22	0.01
39.20	0.00	3,669	179.22	0.01
39.30	0.00	3,666	179.22	0.01
39.40	0.00	3,664	179.22	0.01
39.50	0.00	3,662	179.22	0.01
39.60	0.00	3,660	179.22	0.01
39.70	0.00	3,658	179.22	0.01
39.80	0.00	3,656	179.22	0.01
39.90	0.00	3,654	179.22	0.01
40.00	0.00	3,652	179.22	0.01

Stage-Discharge for Pond B-16A: Basin #16A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.00	179.56	0.09
178.01	0.00	178.53	0.00	179.05	0.00	179.57	0.09
178.02	0.00	178.54	0.00	179.06	0.00	179.58	0.09
178.03	0.00	178.55	0.00	179.07	0.00	179.59	0.09
178.04	0.00	178.56	0.00	179.08	0.00	179.60	0.09
178.05	0.00	178.57	0.00	179.09	0.00	179.61	0.10
178.06	0.00	178.58	0.00	179.10	0.00	179.62	0.10
178.07	0.00	178.59	0.00	179.11	0.00	179.63	0.10
178.08	0.00	178.60	0.00	179.12	0.00	179.64	0.10
178.09	0.00	178.61	0.00	179.13	0.00	179.65	0.10
178.10	0.00	178.62	0.00	179.14	0.00	179.66	0.10
178.11	0.00	178.63	0.00	179.15	0.00	179.67	0.10
178.12	0.00	178.64	0.00	179.16	0.00	179.68	0.10
178.13	0.00	178.65	0.00	179.17	0.00	179.69	0.11
178.14	0.00	178.66	0.00	179.18	0.00	179.70	0.11
178.15	0.00	178.67	0.00	179.19	0.00	179.71	0.11
178.16	0.00	178.68	0.00	179.20	0.00	179.72	0.11
178.17	0.00	178.69	0.00	179.21	0.00	179.73	0.11
178.18	0.00	178.70	0.00	179.22	0.00	179.74	0.11
178.19	0.00	178.71	0.00	179.23	0.01	179.75	0.11
178.20	0.00	178.72	0.00	179.24	0.01	179.76	0.11
178.21	0.00	178.73	0.00	179.25	0.01	179.77	0.12
178.22	0.00	178.74	0.00	179.26	0.01	179.78	0.12
178.23	0.00	178.75	0.00	179.27	0.02	179.79	0.12
178.24	0.00	178.76	0.00	179.28	0.02	179.80	0.12
178.25	0.00	178.77	0.00	179.29	0.02	179.81	0.12
178.26	0.00	178.78	0.00	179.30	0.03	179.82	0.12
178.27	0.00	178.79	0.00	179.31	0.03	179.83	0.12
178.28	0.00	178.80	0.00	179.32	0.03	179.84	0.12
178.29	0.00	178.81	0.00	179.33	0.04	179.85	0.12
178.30	0.00	178.82	0.00	179.34	0.04	179.86	0.13
178.31	0.00	178.83	0.00	179.35	0.05	179.87	0.13
178.32	0.00	178.84	0.00	179.36	0.05	179.88	0.13
178.33	0.00	178.85	0.00	179.37	0.05	179.89	0.13
178.34	0.00	178.86	0.00	179.38	0.05	179.90	0.13
178.35	0.00	178.87	0.00	179.39	0.06	179.91	0.13
178.36	0.00	178.88	0.00	179.40	0.06	179.92	0.13
178.37	0.00	178.89	0.00	179.41	0.06	179.93	0.13
178.38	0.00	178.90	0.00	179.42	0.06	179.94	0.13
178.39	0.00	178.91	0.00	179.43	0.06	179.95	0.13
178.40	0.00	178.92	0.00	179.44	0.07	179.96	0.14
178.41	0.00	178.93	0.00	179.45	0.07	179.97	0.14
178.42	0.00	178.94	0.00	179.46	0.07	179.98	0.14
178.43	0.00	178.95	0.00	179.47	0.07	179.99	0.14
178.44	0.00	178.96	0.00	179.48	0.07	180.00	0.14
178.45	0.00	178.97	0.00	179.49	0.08	180.01	0.14
178.46	0.00	178.98	0.00	179.50	0.08	180.02	0.14
178.47	0.00	178.99	0.00	179.51	0.08	180.03	0.14
178.48	0.00	179.00	0.00	179.52	0.08	180.04	0.14
178.49	0.00	179.01	0.00	179.53	0.08	180.05	0.14
178.50	0.00	179.02	0.00	179.54	0.08	180.06	0.15
178.51	0.00	179.03	0.00	179.55	0.09	180.07	0.15

Stage-Discharge for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.15	180.60	0.19	181.12	4.73	181.64	13.04
180.09	0.15	180.61	0.19	181.13	4.87	181.65	13.22
180.10	0.15	180.62	0.19	181.14	5.00	181.66	13.40
180.11	0.15	180.63	0.20	181.15	5.14	181.67	13.59
180.12	0.15	180.64	0.23	181.16	5.28	181.68	13.77
180.13	0.15	180.65	0.26	181.17	5.41	181.69	13.96
180.14	0.15	180.66	0.30	181.18	5.55	181.70	14.14
180.15	0.15	180.67	0.34	181.19	5.70	181.71	14.33
180.16	0.15	180.68	0.39	181.20	5.84	181.72	14.52
180.17	0.16	180.69	0.44	181.21	5.98	181.73	14.70
180.18	0.16	180.70	0.49	181.22	6.13	181.74	14.89
180.19	0.16	180.71	0.55	181.23	6.27	181.75	15.08
180.20	0.16	180.72	0.61	181.24	6.42	181.76	15.27
180.21	0.16	180.73	0.67	181.25	6.57	181.77	15.46
180.22	0.16	180.74	0.74	181.26	6.71	181.78	15.65
180.23	0.16	180.75	0.81	181.27	6.86	181.79	15.85
180.24	0.16	180.76	0.88	181.28	7.01	181.80	16.04
180.25	0.16	180.77	0.95	181.29	7.17	181.81	16.23
180.26	0.16	180.78	1.03	181.30	7.32	181.82	16.42
180.27	0.16	180.79	1.11	181.31	7.47	181.83	16.62
180.28	0.16	180.80	1.19	181.32	7.63	181.84	16.81
180.29	0.17	180.81	1.28	181.33	7.78	181.85	17.01
180.30	0.17	180.82	1.36	181.34	7.94	181.86	17.21
180.31	0.17	180.83	1.45	181.35	8.10	181.87	17.40
180.32	0.17	180.84	1.54	181.36	8.26	181.88	17.60
180.33	0.17	180.85	1.63	181.37	8.41	181.89	17.80
180.34	0.17	180.86	1.73	181.38	8.58	181.90	18.00
180.35	0.17	180.87	1.82	181.39	8.74	181.91	18.07
180.36	0.17	180.88	1.92	181.40	8.90	181.92	18.09
180.37	0.17	180.89	2.02	181.41	9.06	181.93	18.11
180.38	0.17	180.90	2.12	181.42	9.23	181.94	18.13
180.39	0.17	180.91	2.22	181.43	9.39	181.95	18.15
180.40	0.17	180.92	2.33	181.44	9.56	181.96	18.29
180.41	0.17	180.93	2.43	181.45	9.72	181.97	18.52
180.42	0.18	180.94	2.54	181.46	9.89	181.98	18.82
180.43	0.18	180.95	2.65	181.47	10.06	181.99	19.17
180.44	0.18	180.96	2.76	181.48	10.23	182.00	19.56
180.45	0.18	180.97	2.87	181.49	10.40		
180.46	0.18	180.98	2.99	181.50	10.57		
180.47	0.18	180.99	3.10	181.51	10.74		
180.48	0.18	181.00	3.22	181.52	10.91		
180.49	0.18	181.01	3.34	181.53	11.08		
180.50	0.18	181.02	3.46	181.54	11.26		
180.51	0.18	181.03	3.58	181.55	11.43		
180.52	0.18	181.04	3.70	181.56	11.61		
180.53	0.18	181.05	3.83	181.57	11.78		
180.54	0.18	181.06	3.95	181.58	11.96		
180.55	0.19	181.07	4.08	181.59	12.14		
180.56	0.19	181.08	4.21	181.60	12.32		
180.57	0.19	181.09	4.34	181.61	12.50		
180.58	0.19	181.10	4.47	181.62	12.68		
180.59	0.19	181.11	4.60	181.63	12.86		

Stage-Area-Storage for Pond B-16A: Basin #16A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	2,543	0	178.52	2,930	1,423
178.01	2,550	25	178.53	2,937	1,452
178.02	2,558	51	178.54	2,945	1,482
178.03	2,565	77	178.55	2,952	1,511
178.04	2,573	102	178.56	2,960	1,541
178.05	2,580	128	178.57	2,967	1,570
178.06	2,588	154	178.58	2,975	1,600
178.07	2,595	180	178.59	2,982	1,630
178.08	2,603	206	178.60	2,989	1,660
178.09	2,610	232	178.61	2,997	1,690
178.10	2,617	258	178.62	3,004	1,720
178.11	2,625	284	178.63	3,012	1,750
178.12	2,632	311	178.64	3,019	1,780
178.13	2,640	337	178.65	3,027	1,810
178.14	2,647	363	178.66	3,034	1,840
178.15	2,655	390	178.67	3,041	1,871
178.16	2,662	416	178.68	3,049	1,901
178.17	2,669	443	178.69	3,056	1,932
178.18	2,677	470	178.70	3,064	1,962
178.19	2,684	497	178.71	3,071	1,993
178.20	2,692	523	178.72	3,079	2,024
178.21	2,699	550	178.73	3,086	2,055
178.22	2,707	577	178.74	3,094	2,086
178.23	2,714	605	178.75	3,101	2,117
178.24	2,722	632	178.76	3,108	2,148
178.25	2,729	659	178.77	3,116	2,179
178.26	2,736	686	178.78	3,123	2,210
178.27	2,744	714	178.79	3,131	2,241
178.28	2,751	741	178.80	3,138	2,272
178.29	2,759	769	178.81	3,146	2,304
178.30	2,766	796	178.82	3,153	2,335
178.31	2,774	824	178.83	3,161	2,367
178.32	2,781	852	178.84	3,168	2,399
178.33	2,789	880	178.85	3,175	2,430
178.34	2,796	908	178.86	3,183	2,462
178.35	2,803	936	178.87	3,190	2,494
178.36	2,811	964	178.88	3,198	2,526
178.37	2,818	992	178.89	3,205	2,558
178.38	2,826	1,020	178.90	3,213	2,590
178.39	2,833	1,048	178.91	3,220	2,622
178.40	2,841	1,077	178.92	3,227	2,654
178.41	2,848	1,105	178.93	3,235	2,687
178.42	2,855	1,134	178.94	3,242	2,719
178.43	2,863	1,162	178.95	3,250	2,752
178.44	2,870	1,191	178.96	3,257	2,784
178.45	2,878	1,220	178.97	3,265	2,817
178.46	2,885	1,248	178.98	3,272	2,849
178.47	2,893	1,277	178.99	3,280	2,882
178.48	2,900	1,306	179.00	3,287	2,915
178.49	2,908	1,335	179.01	3,295	2,948
178.50	2,915	1,365	179.02	3,302	2,981
178.51	2,922	1,394	179.03	3,310	3,014

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,318	3,047	179.56	3,719	4,877
179.05	3,326	3,080	179.57	3,727	4,914
179.06	3,333	3,114	179.58	3,735	4,951
179.07	3,341	3,147	179.59	3,742	4,989
179.08	3,349	3,180	179.60	3,750	5,026
179.09	3,356	3,214	179.61	3,758	5,064
179.10	3,364	3,248	179.62	3,766	5,101
179.11	3,372	3,281	179.63	3,773	5,139
179.12	3,380	3,315	179.64	3,781	5,177
179.13	3,387	3,349	179.65	3,789	5,215
179.14	3,395	3,383	179.66	3,797	5,253
179.15	3,403	3,417	179.67	3,804	5,291
179.16	3,411	3,451	179.68	3,812	5,329
179.17	3,418	3,485	179.69	3,820	5,367
179.18	3,426	3,519	179.70	3,827	5,405
179.19	3,434	3,553	179.71	3,835	5,443
179.20	3,441	3,588	179.72	3,843	5,482
179.21	3,449	3,622	179.73	3,851	5,520
179.22	3,457	3,657	179.74	3,858	5,559
179.23	3,465	3,691	179.75	3,866	5,597
179.24	3,472	3,726	179.76	3,874	5,636
179.25	3,480	3,761	179.77	3,881	5,675
179.26	3,488	3,796	179.78	3,889	5,714
179.27	3,495	3,831	179.79	3,897	5,753
179.28	3,503	3,866	179.80	3,905	5,792
179.29	3,511	3,901	179.81	3,912	5,831
179.30	3,519	3,936	179.82	3,920	5,870
179.31	3,526	3,971	179.83	3,928	5,909
179.32	3,534	4,006	179.84	3,935	5,948
179.33	3,542	4,042	179.85	3,943	5,988
179.34	3,549	4,077	179.86	3,951	6,027
179.35	3,557	4,113	179.87	3,959	6,067
179.36	3,565	4,148	179.88	3,966	6,106
179.37	3,573	4,184	179.89	3,974	6,146
179.38	3,580	4,220	179.90	3,982	6,186
179.39	3,588	4,256	179.91	3,990	6,226
179.40	3,596	4,292	179.92	3,997	6,266
179.41	3,604	4,328	179.93	4,005	6,306
179.42	3,611	4,364	179.94	4,013	6,346
179.43	3,619	4,400	179.95	4,020	6,386
179.44	3,627	4,436	179.96	4,028	6,426
179.45	3,634	4,472	179.97	4,036	6,467
179.46	3,642	4,509	179.98	4,044	6,507
179.47	3,650	4,545	179.99	4,051	6,547
179.48	3,658	4,582	180.00	4,059	6,588
179.49	3,665	4,618	180.01	4,067	6,629
179.50	3,673	4,655	180.02	4,075	6,669
179.51	3,681	4,692	180.03	4,083	6,710
179.52	3,688	4,729	180.04	4,091	6,751
179.53	3,696	4,766	180.05	4,099	6,792
179.54	3,704	4,803	180.06	4,107	6,833
179.55	3,712	4,840	180.07	4,115	6,874

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,123	6,915	180.60	4,538	9,167
180.09	4,131	6,957	180.61	4,546	9,213
180.10	4,139	6,998	180.62	4,554	9,258
180.11	4,147	7,039	180.63	4,562	9,304
180.12	4,155	7,081	180.64	4,570	9,349
180.13	4,163	7,122	180.65	4,578	9,395
180.14	4,171	7,164	180.66	4,586	9,441
180.15	4,179	7,206	180.67	4,594	9,487
180.16	4,187	7,248	180.68	4,602	9,533
180.17	4,195	7,290	180.69	4,610	9,579
180.18	4,203	7,332	180.70	4,618	9,625
180.19	4,211	7,374	180.71	4,626	9,671
180.20	4,219	7,416	180.72	4,634	9,718
180.21	4,227	7,458	180.73	4,642	9,764
180.22	4,235	7,500	180.74	4,650	9,810
180.23	4,243	7,543	180.75	4,658	9,857
180.24	4,251	7,585	180.76	4,666	9,904
180.25	4,259	7,628	180.77	4,674	9,950
180.26	4,267	7,670	180.78	4,682	9,997
180.27	4,275	7,713	180.79	4,690	10,044
180.28	4,283	7,756	180.80	4,698	10,091
180.29	4,291	7,799	180.81	4,706	10,138
180.30	4,299	7,842	180.82	4,714	10,185
180.31	4,307	7,885	180.83	4,722	10,232
180.32	4,315	7,928	180.84	4,730	10,279
180.33	4,323	7,971	180.85	4,738	10,327
180.34	4,331	8,014	180.86	4,746	10,374
180.35	4,339	8,058	180.87	4,754	10,422
180.36	4,347	8,101	180.88	4,762	10,469
180.37	4,355	8,145	180.89	4,770	10,517
180.38	4,363	8,188	180.90	4,778	10,565
180.39	4,371	8,232	180.91	4,786	10,613
180.40	4,379	8,276	180.92	4,794	10,660
180.41	4,387	8,319	180.93	4,802	10,708
180.42	4,395	8,363	180.94	4,810	10,756
180.43	4,403	8,407	180.95	4,818	10,805
180.44	4,411	8,451	180.96	4,826	10,853
180.45	4,419	8,495	180.97	4,834	10,901
180.46	4,427	8,540	180.98	4,842	10,949
180.47	4,435	8,584	180.99	4,850	10,998
180.48	4,443	8,628	181.00	4,858	11,047
180.49	4,451	8,673	181.01	4,866	11,095
180.50	4,459	8,717	181.02	4,875	11,144
180.51	4,466	8,762	181.03	4,883	11,193
180.52	4,474	8,807	181.04	4,891	11,241
180.53	4,482	8,851	181.05	4,899	11,290
180.54	4,490	8,896	181.06	4,908	11,339
180.55	4,498	8,941	181.07	4,916	11,389
180.56	4,506	8,986	181.08	4,924	11,438
180.57	4,514	9,031	181.09	4,932	11,487
180.58	4,522	9,077	181.10	4,941	11,536
180.59	4,530	9,122	181.11	4,949	11,586

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	4,957	11,635	181.64	5,387	14,325
181.13	4,966	11,685	181.65	5,396	14,379
181.14	4,974	11,735	181.66	5,404	14,433
181.15	4,982	11,785	181.67	5,412	14,487
181.16	4,990	11,834	181.68	5,420	14,541
181.17	4,999	11,884	181.69	5,429	14,595
181.18	5,007	11,934	181.70	5,437	14,650
181.19	5,015	11,984	181.71	5,445	14,704
181.20	5,023	12,035	181.72	5,453	14,759
181.21	5,032	12,085	181.73	5,462	14,813
181.22	5,040	12,135	181.74	5,470	14,868
181.23	5,048	12,186	181.75	5,478	14,923
181.24	5,056	12,236	181.76	5,487	14,977
181.25	5,065	12,287	181.77	5,495	15,032
181.26	5,073	12,338	181.78	5,503	15,087
181.27	5,081	12,388	181.79	5,511	15,142
181.28	5,090	12,439	181.80	5,520	15,198
181.29	5,098	12,490	181.81	5,528	15,253
181.30	5,106	12,541	181.82	5,536	15,308
181.31	5,114	12,592	181.83	5,544	15,364
181.32	5,123	12,643	181.84	5,553	15,419
181.33	5,131	12,695	181.85	5,561	15,475
181.34	5,139	12,746	181.86	5,569	15,530
181.35	5,147	12,797	181.87	5,577	15,586
181.36	5,156	12,849	181.88	5,586	15,642
181.37	5,164	12,901	181.89	5,594	15,698
181.38	5,172	12,952	181.90	5,602	15,754
181.39	5,181	13,004	181.91	5,611	15,810
181.40	5,189	13,056	181.92	5,619	15,866
181.41	5,197	13,108	181.93	5,627	15,922
181.42	5,205	13,160	181.94	5,635	15,978
181.43	5,214	13,212	181.95	5,644	16,035
181.44	5,222	13,264	181.96	5,652	16,091
181.45	5,230	13,316	181.97	5,660	16,148
181.46	5,238	13,369	181.98	5,668	16,204
181.47	5,247	13,421	181.99	5,677	16,261
181.48	5,255	13,474	182.00	5,685	16,318
181.49	5,263	13,526			
181.50	5,272	13,579			
181.51	5,280	13,632			
181.52	5,288	13,684			
181.53	5,296	13,737			
181.54	5,305	13,790			
181.55	5,313	13,843			
181.56	5,321	13,897			
181.57	5,329	13,950			
181.58	5,338	14,003			
181.59	5,346	14,057			
181.60	5,354	14,110			
181.61	5,362	14,164			
181.62	5,371	14,217			
181.63	5,379	14,271			

Summary for Pond B-16B: Basin #16B

Inflow Area = 1.877 ac, 43.74% Impervious, Inflow Depth = 2.42" for Future 2 yr event
 Inflow = 4.57 cfs @ 12.17 hrs, Volume= 0.378 af
 Outflow = 0.72 cfs @ 12.79 hrs, Volume= 0.297 af, Atten= 84%, Lag= 36.7 min
 Primary = 0.72 cfs @ 12.79 hrs, Volume= 0.297 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.45' @ 12.79 hrs Surf.Area= 4,764 sf Storage= 9,644 cf

Plug-Flow detention time= 487.5 min calculated for 0.297 af (78% of inflow)
 Center-of-Mass det. time= 400.3 min (1,192.7 - 792.3)

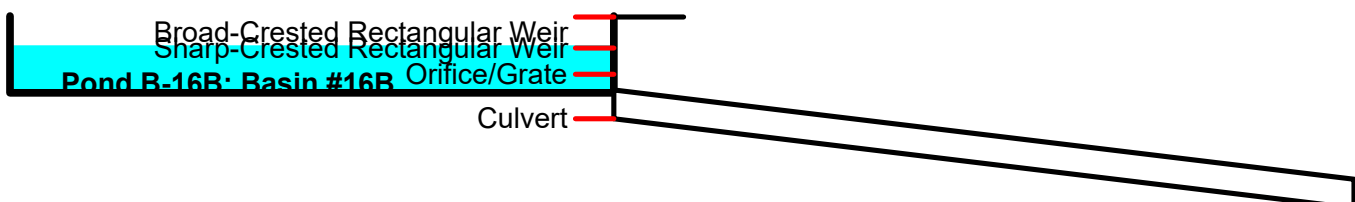
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	17,892 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	3,145	0	0
179.00	3,781	3,463	3,463
180.00	4,451	4,116	7,579
181.00	5,149	4,800	12,379
182.00	5,877	5,513	17,892

Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' S= 0.0877 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	178.97'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

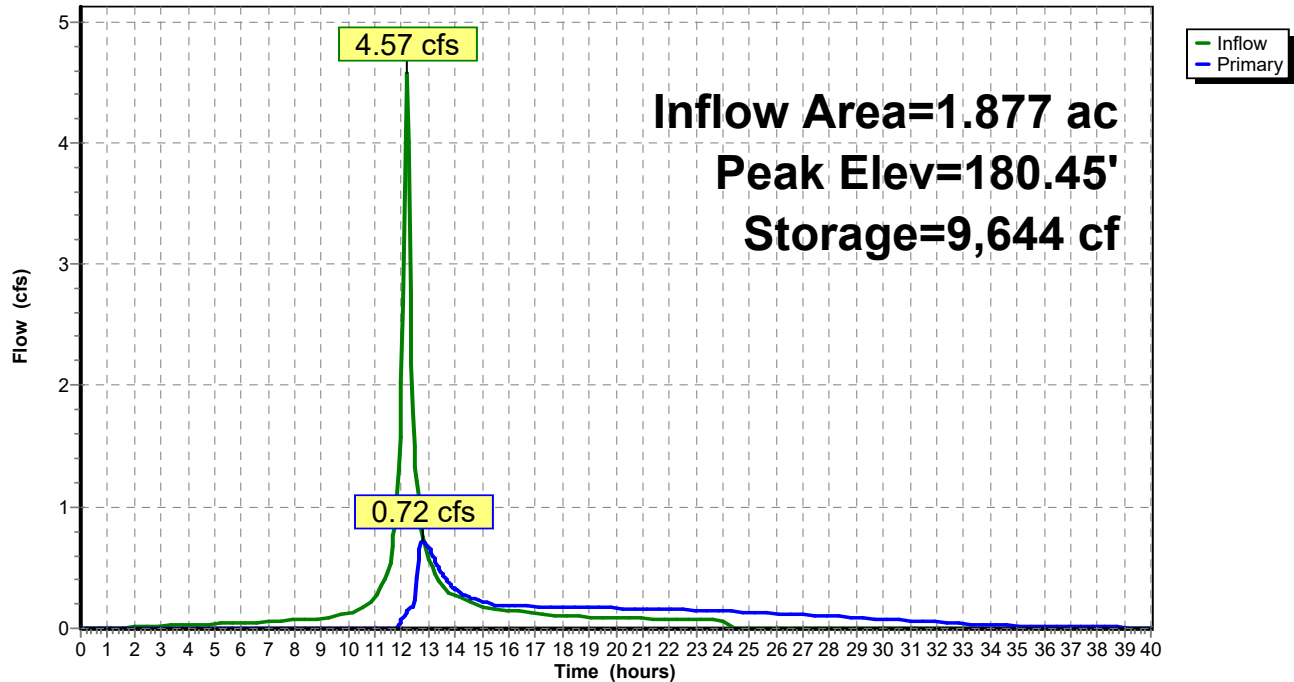
Primary OutFlow Max=0.72 cfs @ 12.79 hrs HW=180.45' (Free Discharge)

1=Culvert (Passes 0.72 cfs of 14.86 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.64 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.53 cfs @ 1.12 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16B: Basin #16B

Hydrograph



Hydrograph for Pond B-16B: Basin #16B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.00	0	178.00	0.00
0.80	0.00	0	178.00	0.00
0.90	0.00	0	178.00	0.00
1.00	0.00	0	178.00	0.00
1.10	0.00	0	178.00	0.00
1.20	0.00	0	178.00	0.00
1.30	0.00	1	178.00	0.00
1.40	0.00	2	178.00	0.00
1.50	0.01	4	178.00	0.00
1.60	0.01	6	178.00	0.00
1.70	0.01	8	178.00	0.00
1.80	0.01	11	178.00	0.00
1.90	0.01	15	178.00	0.00
2.00	0.01	19	178.01	0.00
2.10	0.01	23	178.01	0.00
2.20	0.01	28	178.01	0.00
2.30	0.01	33	178.01	0.00
2.40	0.02	38	178.01	0.00
2.50	0.02	44	178.01	0.00
2.60	0.02	50	178.02	0.00
2.70	0.02	57	178.02	0.00
2.80	0.02	63	178.02	0.00
2.90	0.02	70	178.02	0.00
3.00	0.02	78	178.02	0.00
3.10	0.02	86	178.03	0.00
3.20	0.02	94	178.03	0.00
3.30	0.02	102	178.03	0.00
3.40	0.02	111	178.04	0.00
3.50	0.03	120	178.04	0.00
3.60	0.03	129	178.04	0.00
3.70	0.03	138	178.04	0.00
3.80	0.03	148	178.05	0.00
3.90	0.03	158	178.05	0.00
4.00	0.03	168	178.05	0.00
4.10	0.03	179	178.06	0.00
4.20	0.03	190	178.06	0.00
4.30	0.03	201	178.06	0.00
4.40	0.03	212	178.07	0.00
4.50	0.03	223	178.07	0.00
4.60	0.03	235	178.07	0.00
4.70	0.03	247	178.08	0.00
4.80	0.03	259	178.08	0.00
4.90	0.03	272	178.09	0.00
5.00	0.04	284	178.09	0.00
5.10	0.04	297	178.09	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	310	178.10	0.00
5.30	0.04	323	178.10	0.00
5.40	0.04	337	178.11	0.00
5.50	0.04	350	178.11	0.00
5.60	0.04	364	178.11	0.00
5.70	0.04	378	178.12	0.00
5.80	0.04	392	178.12	0.00
5.90	0.04	407	178.13	0.00
6.00	0.04	422	178.13	0.00
6.10	0.04	436	178.14	0.00
6.20	0.04	452	178.14	0.00
6.30	0.04	467	178.15	0.00
6.40	0.05	483	178.15	0.00
6.50	0.05	500	178.16	0.00
6.60	0.05	517	178.16	0.00
6.70	0.05	534	178.17	0.00
6.80	0.05	552	178.17	0.00
6.90	0.05	571	178.18	0.00
7.00	0.05	590	178.18	0.00
7.10	0.05	609	178.19	0.00
7.20	0.06	629	178.20	0.00
7.30	0.06	649	178.20	0.00
7.40	0.06	670	178.21	0.00
7.50	0.06	692	178.22	0.00
7.60	0.06	714	178.22	0.00
7.70	0.06	736	178.23	0.00
7.80	0.06	759	178.24	0.00
7.90	0.07	782	178.24	0.00
8.00	0.07	806	178.25	0.00
8.10	0.07	830	178.26	0.00
8.20	0.07	855	178.26	0.00
8.30	0.07	880	178.27	0.00
8.40	0.07	906	178.28	0.00
8.50	0.07	933	178.29	0.00
8.60	0.08	959	178.30	0.00
8.70	0.08	987	178.30	0.00
8.80	0.08	1,015	178.31	0.00
8.90	0.08	1,043	178.32	0.00
9.00	0.08	1,072	178.33	0.00
9.10	0.08	1,101	178.34	0.00
9.20	0.09	1,132	178.35	0.00
9.30	0.09	1,164	178.36	0.00
9.40	0.10	1,197	178.37	0.00
9.50	0.10	1,233	178.38	0.00
9.60	0.11	1,270	178.39	0.00
9.70	0.11	1,308	178.40	0.00
9.80	0.11	1,349	178.41	0.00
9.90	0.12	1,391	178.42	0.00
10.00	0.12	1,435	178.44	0.00
10.10	0.13	1,481	178.45	0.00
10.20	0.13	1,528	178.46	0.00
10.30	0.14	1,578	178.48	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,630	178.49	0.00
10.50	0.16	1,685	178.51	0.00
10.60	0.17	1,742	178.53	0.00
10.70	0.18	1,805	178.54	0.00
10.80	0.21	1,875	178.56	0.00
10.90	0.23	1,954	178.59	0.00
11.00	0.25	2,040	178.61	0.00
11.10	0.28	2,136	178.64	0.00
11.20	0.32	2,245	178.67	0.00
11.30	0.37	2,369	178.70	0.00
11.40	0.42	2,510	178.74	0.00
11.50	0.46	2,668	178.79	0.00
11.60	0.57	2,850	178.84	0.00
11.70	0.76	3,091	178.90	0.00
11.80	0.94	3,395	178.98	0.00
11.90	1.30	3,789	179.09	0.02
12.00	2.03	4,357	179.23	0.07
12.10	3.56	5,308	179.47	0.10
12.20	4.44	6,789	179.82	0.14
12.30	2.74	8,024	180.10	0.17
12.40	1.78	8,761	180.26	0.18
12.50	1.32	9,238	180.36	0.26
12.60	1.08	9,522	180.42	0.56
12.70	0.82	9,629	180.45	0.70
12.80	0.71	9,644	180.45	0.72
12.90	0.64	9,629	180.44	0.70
13.00	0.58	9,602	180.44	0.66
13.10	0.52	9,568	180.43	0.62
13.20	0.46	9,530	180.42	0.57
13.30	0.43	9,492	180.42	0.53
13.40	0.39	9,458	180.41	0.48
13.50	0.36	9,427	180.40	0.44
13.60	0.33	9,396	180.40	0.41
13.70	0.30	9,366	180.39	0.38
13.80	0.29	9,338	180.38	0.36
13.90	0.28	9,315	180.38	0.34
14.00	0.27	9,295	180.37	0.32
14.10	0.26	9,279	180.37	0.30
14.20	0.25	9,265	180.37	0.29
14.30	0.24	9,252	180.37	0.28
14.40	0.24	9,240	180.36	0.27
14.50	0.23	9,229	180.36	0.26
14.60	0.22	9,218	180.36	0.25
14.70	0.21	9,206	180.36	0.24
14.80	0.20	9,194	180.35	0.24
14.90	0.19	9,180	180.35	0.23
15.00	0.18	9,166	180.35	0.22
15.10	0.17	9,151	180.34	0.22
15.20	0.17	9,136	180.34	0.21
15.30	0.16	9,122	180.34	0.20
15.40	0.16	9,109	180.33	0.20
15.50	0.16	9,098	180.33	0.19

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	9,087	180.33	0.18
15.70	0.15	9,077	180.33	0.18
15.80	0.15	9,066	180.33	0.18
15.90	0.15	9,055	180.32	0.18
16.00	0.15	9,042	180.32	0.18
16.10	0.15	9,029	180.32	0.18
16.20	0.14	9,015	180.31	0.18
16.30	0.14	9,001	180.31	0.18
16.40	0.14	8,986	180.31	0.18
16.50	0.14	8,970	180.31	0.18
16.60	0.13	8,953	180.30	0.18
16.70	0.13	8,935	180.30	0.18
16.80	0.13	8,917	180.29	0.18
16.90	0.13	8,898	180.29	0.18
17.00	0.13	8,879	180.29	0.18
17.10	0.12	8,858	180.28	0.18
17.20	0.12	8,837	180.28	0.18
17.30	0.12	8,816	180.27	0.18
17.40	0.12	8,793	180.27	0.18
17.50	0.11	8,770	180.26	0.18
17.60	0.11	8,746	180.26	0.18
17.70	0.11	8,722	180.25	0.18
17.80	0.11	8,696	180.25	0.18
17.90	0.10	8,670	180.24	0.18
18.00	0.10	8,644	180.23	0.18
18.10	0.10	8,616	180.23	0.18
18.20	0.10	8,588	180.22	0.18
18.30	0.10	8,560	180.22	0.18
18.40	0.10	8,532	180.21	0.17
18.50	0.10	8,503	180.20	0.17
18.60	0.09	8,475	180.20	0.17
18.70	0.09	8,446	180.19	0.17
18.80	0.09	8,418	180.19	0.17
18.90	0.09	8,389	180.18	0.17
19.00	0.09	8,360	180.17	0.17
19.10	0.09	8,332	180.17	0.17
19.20	0.09	8,303	180.16	0.17
19.30	0.09	8,274	180.15	0.17
19.40	0.09	8,246	180.15	0.17
19.50	0.09	8,217	180.14	0.17
19.60	0.09	8,188	180.14	0.17
19.70	0.09	8,159	180.13	0.17
19.80	0.09	8,130	180.12	0.17
19.90	0.09	8,102	180.12	0.17
20.00	0.09	8,073	180.11	0.17
20.10	0.09	8,044	180.10	0.17
20.20	0.09	8,015	180.10	0.17
20.30	0.09	7,986	180.09	0.17
20.40	0.08	7,957	180.08	0.16
20.50	0.08	7,928	180.08	0.16
20.60	0.08	7,899	180.07	0.16
20.70	0.08	7,870	180.07	0.16

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	7,841	180.06	0.16
20.90	0.08	7,812	180.05	0.16
21.00	0.08	7,783	180.05	0.16
21.10	0.08	7,754	180.04	0.16
21.20	0.08	7,725	180.03	0.16
21.30	0.08	7,696	180.03	0.16
21.40	0.08	7,667	180.02	0.16
21.50	0.08	7,638	180.01	0.16
21.60	0.08	7,609	180.01	0.16
21.70	0.08	7,579	180.00	0.16
21.80	0.08	7,550	179.99	0.16
21.90	0.08	7,521	179.99	0.16
22.00	0.08	7,492	179.98	0.16
22.10	0.07	7,463	179.97	0.16
22.20	0.07	7,434	179.97	0.16
22.30	0.07	7,404	179.96	0.15
22.40	0.07	7,375	179.95	0.15
22.50	0.07	7,346	179.95	0.15
22.60	0.07	7,317	179.94	0.15
22.70	0.07	7,288	179.93	0.15
22.80	0.07	7,259	179.93	0.15
22.90	0.07	7,229	179.92	0.15
23.00	0.07	7,200	179.91	0.15
23.10	0.07	7,171	179.91	0.15
23.20	0.07	7,142	179.90	0.15
23.30	0.07	7,113	179.89	0.15
23.40	0.07	7,083	179.89	0.15
23.50	0.07	7,054	179.88	0.15
23.60	0.07	7,025	179.87	0.15
23.70	0.07	6,996	179.87	0.15
23.80	0.06	6,967	179.86	0.15
23.90	0.06	6,938	179.85	0.14
24.00	0.07	6,909	179.85	0.14
24.10	0.06	6,881	179.84	0.14
24.20	0.02	6,842	179.83	0.14
24.30	0.00	6,794	179.82	0.14
24.40	0.00	6,743	179.81	0.14
24.50	0.00	6,693	179.80	0.14
24.60	0.00	6,643	179.79	0.14
24.70	0.00	6,593	179.77	0.14
24.80	0.00	6,544	179.76	0.14
24.90	0.00	6,495	179.75	0.14
25.00	0.00	6,447	179.74	0.13
25.10	0.00	6,399	179.73	0.13
25.20	0.00	6,351	179.72	0.13
25.30	0.00	6,304	179.71	0.13
25.40	0.00	6,257	179.70	0.13
25.50	0.00	6,211	179.69	0.13
25.60	0.00	6,165	179.67	0.13
25.70	0.00	6,119	179.66	0.13
25.80	0.00	6,074	179.65	0.12
25.90	0.00	6,029	179.64	0.12

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,985	179.63	0.12
26.10	0.00	5,941	179.62	0.12
26.20	0.00	5,898	179.61	0.12
26.30	0.00	5,855	179.60	0.12
26.40	0.00	5,812	179.59	0.12
26.50	0.00	5,770	179.58	0.12
26.60	0.00	5,728	179.57	0.12
26.70	0.00	5,686	179.56	0.11
26.80	0.00	5,645	179.55	0.11
26.90	0.00	5,605	179.54	0.11
27.00	0.00	5,565	179.53	0.11
27.10	0.00	5,525	179.52	0.11
27.20	0.00	5,486	179.51	0.11
27.30	0.00	5,447	179.50	0.11
27.40	0.00	5,408	179.49	0.11
27.50	0.00	5,370	179.48	0.11
27.60	0.00	5,333	179.47	0.10
27.70	0.00	5,296	179.47	0.10
27.80	0.00	5,259	179.46	0.10
27.90	0.00	5,223	179.45	0.10
28.00	0.00	5,187	179.44	0.10
28.10	0.00	5,151	179.43	0.10
28.20	0.00	5,116	179.42	0.10
28.30	0.00	5,082	179.41	0.10
28.40	0.00	5,048	179.40	0.09
28.50	0.00	5,014	179.40	0.09
28.60	0.00	4,980	179.39	0.09
28.70	0.00	4,948	179.38	0.09
28.80	0.00	4,915	179.37	0.09
28.90	0.00	4,883	179.36	0.09
29.00	0.00	4,852	179.36	0.09
29.10	0.00	4,820	179.35	0.09
29.20	0.00	4,790	179.34	0.08
29.30	0.00	4,759	179.33	0.08
29.40	0.00	4,730	179.33	0.08
29.50	0.00	4,700	179.32	0.08
29.60	0.00	4,671	179.31	0.08
29.70	0.00	4,643	179.30	0.08
29.80	0.00	4,615	179.30	0.08
29.90	0.00	4,587	179.29	0.08
30.00	0.00	4,560	179.28	0.07
30.10	0.00	4,533	179.28	0.07
30.20	0.00	4,507	179.27	0.07
30.30	0.00	4,481	179.26	0.07
30.40	0.00	4,455	179.26	0.07
30.50	0.00	4,430	179.25	0.07
30.60	0.00	4,406	179.24	0.07
30.70	0.00	4,382	179.24	0.07
30.80	0.00	4,358	179.23	0.07
30.90	0.00	4,335	179.23	0.06
31.00	0.00	4,312	179.22	0.06
31.10	0.00	4,290	179.21	0.06

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,268	179.21	0.06
31.30	0.00	4,247	179.20	0.06
31.40	0.00	4,225	179.20	0.06
31.50	0.00	4,205	179.19	0.06
31.60	0.00	4,185	179.19	0.06
31.70	0.00	4,165	179.18	0.05
31.80	0.00	4,146	179.18	0.05
31.90	0.00	4,127	179.17	0.05
32.00	0.00	4,109	179.17	0.05
32.10	0.00	4,091	179.16	0.05
32.20	0.00	4,073	179.16	0.05
32.30	0.00	4,056	179.15	0.05
32.40	0.00	4,040	179.15	0.05
32.50	0.00	4,024	179.15	0.04
32.60	0.00	4,008	179.14	0.04
32.70	0.00	3,993	179.14	0.04
32.80	0.00	3,979	179.13	0.04
32.90	0.00	3,965	179.13	0.04
33.00	0.00	3,951	179.13	0.04
33.10	0.00	3,938	179.12	0.04
33.20	0.00	3,925	179.12	0.03
33.30	0.00	3,913	179.12	0.03
33.40	0.00	3,901	179.11	0.03
33.50	0.00	3,889	179.11	0.03
33.60	0.00	3,878	179.11	0.03
33.70	0.00	3,867	179.11	0.03
33.80	0.00	3,856	179.10	0.03
33.90	0.00	3,846	179.10	0.03
34.00	0.00	3,836	179.10	0.03
34.10	0.00	3,827	179.10	0.03
34.20	0.00	3,818	179.09	0.03
34.30	0.00	3,809	179.09	0.02
34.40	0.00	3,800	179.09	0.02
34.50	0.00	3,792	179.09	0.02
34.60	0.00	3,784	179.08	0.02
34.70	0.00	3,776	179.08	0.02
34.80	0.00	3,768	179.08	0.02
34.90	0.00	3,761	179.08	0.02
35.00	0.00	3,754	179.08	0.02
35.10	0.00	3,747	179.07	0.02
35.20	0.00	3,740	179.07	0.02
35.30	0.00	3,734	179.07	0.02
35.40	0.00	3,727	179.07	0.02
35.50	0.00	3,721	179.07	0.02
35.60	0.00	3,715	179.07	0.02
35.70	0.00	3,709	179.06	0.02
35.80	0.00	3,703	179.06	0.02
35.90	0.00	3,698	179.06	0.02
36.00	0.00	3,692	179.06	0.01
36.10	0.00	3,687	179.06	0.01
36.20	0.00	3,682	179.06	0.01
36.30	0.00	3,677	179.06	0.01

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,672	179.05	0.01
36.50	0.00	3,667	179.05	0.01
36.60	0.00	3,662	179.05	0.01
36.70	0.00	3,658	179.05	0.01
36.80	0.00	3,654	179.05	0.01
36.90	0.00	3,649	179.05	0.01
37.00	0.00	3,645	179.05	0.01
37.10	0.00	3,641	179.05	0.01
37.20	0.00	3,637	179.05	0.01
37.30	0.00	3,633	179.04	0.01
37.40	0.00	3,630	179.04	0.01
37.50	0.00	3,626	179.04	0.01
37.60	0.00	3,623	179.04	0.01
37.70	0.00	3,619	179.04	0.01
37.80	0.00	3,616	179.04	0.01
37.90	0.00	3,613	179.04	0.01
38.00	0.00	3,609	179.04	0.01
38.10	0.00	3,606	179.04	0.01
38.20	0.00	3,603	179.04	0.01
38.30	0.00	3,600	179.04	0.01
38.40	0.00	3,597	179.04	0.01
38.50	0.00	3,594	179.03	0.01
38.60	0.00	3,591	179.03	0.01
38.70	0.00	3,588	179.03	0.01
38.80	0.00	3,586	179.03	0.01
38.90	0.00	3,583	179.03	0.01
39.00	0.00	3,580	179.03	0.01
39.10	0.00	3,578	179.03	0.01
39.20	0.00	3,575	179.03	0.01
39.30	0.00	3,572	179.03	0.01
39.40	0.00	3,570	179.03	0.01
39.50	0.00	3,567	179.03	0.01
39.60	0.00	3,565	179.03	0.01
39.70	0.00	3,563	179.03	0.01
39.80	0.00	3,560	179.03	0.01
39.90	0.00	3,558	179.03	0.01
40.00	0.00	3,556	179.02	0.01

Stage-Discharge for Pond B-16B: Basin #16B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.01	179.56	0.11
178.01	0.00	178.53	0.00	179.05	0.01	179.57	0.12
178.02	0.00	178.54	0.00	179.06	0.01	179.58	0.12
178.03	0.00	178.55	0.00	179.07	0.02	179.59	0.12
178.04	0.00	178.56	0.00	179.08	0.02	179.60	0.12
178.05	0.00	178.57	0.00	179.09	0.02	179.61	0.12
178.06	0.00	178.58	0.00	179.10	0.03	179.62	0.12
178.07	0.00	178.59	0.00	179.11	0.03	179.63	0.12
178.08	0.00	178.60	0.00	179.12	0.03	179.64	0.12
178.09	0.00	178.61	0.00	179.13	0.04	179.65	0.12
178.10	0.00	178.62	0.00	179.14	0.04	179.66	0.13
178.11	0.00	178.63	0.00	179.15	0.05	179.67	0.13
178.12	0.00	178.64	0.00	179.16	0.05	179.68	0.13
178.13	0.00	178.65	0.00	179.17	0.05	179.69	0.13
178.14	0.00	178.66	0.00	179.18	0.05	179.70	0.13
178.15	0.00	178.67	0.00	179.19	0.06	179.71	0.13
178.16	0.00	178.68	0.00	179.20	0.06	179.72	0.13
178.17	0.00	178.69	0.00	179.21	0.06	179.73	0.13
178.18	0.00	178.70	0.00	179.22	0.06	179.74	0.13
178.19	0.00	178.71	0.00	179.23	0.06	179.75	0.13
178.20	0.00	178.72	0.00	179.24	0.07	179.76	0.14
178.21	0.00	178.73	0.00	179.25	0.07	179.77	0.14
178.22	0.00	178.74	0.00	179.26	0.07	179.78	0.14
178.23	0.00	178.75	0.00	179.27	0.07	179.79	0.14
178.24	0.00	178.76	0.00	179.28	0.07	179.80	0.14
178.25	0.00	178.77	0.00	179.29	0.08	179.81	0.14
178.26	0.00	178.78	0.00	179.30	0.08	179.82	0.14
178.27	0.00	178.79	0.00	179.31	0.08	179.83	0.14
178.28	0.00	178.80	0.00	179.32	0.08	179.84	0.14
178.29	0.00	178.81	0.00	179.33	0.08	179.85	0.14
178.30	0.00	178.82	0.00	179.34	0.08	179.86	0.15
178.31	0.00	178.83	0.00	179.35	0.09	179.87	0.15
178.32	0.00	178.84	0.00	179.36	0.09	179.88	0.15
178.33	0.00	178.85	0.00	179.37	0.09	179.89	0.15
178.34	0.00	178.86	0.00	179.38	0.09	179.90	0.15
178.35	0.00	178.87	0.00	179.39	0.09	179.91	0.15
178.36	0.00	178.88	0.00	179.40	0.09	179.92	0.15
178.37	0.00	178.89	0.00	179.41	0.10	179.93	0.15
178.38	0.00	178.90	0.00	179.42	0.10	179.94	0.15
178.39	0.00	178.91	0.00	179.43	0.10	179.95	0.15
178.40	0.00	178.92	0.00	179.44	0.10	179.96	0.15
178.41	0.00	178.93	0.00	179.45	0.10	179.97	0.16
178.42	0.00	178.94	0.00	179.46	0.10	179.98	0.16
178.43	0.00	178.95	0.00	179.47	0.10	179.99	0.16
178.44	0.00	178.96	0.00	179.48	0.10	180.00	0.16
178.45	0.00	178.97	0.00	179.49	0.11	180.01	0.16
178.46	0.00	178.98	0.00	179.50	0.11	180.02	0.16
178.47	0.00	178.99	0.00	179.51	0.11	180.03	0.16
178.48	0.00	179.00	0.00	179.52	0.11	180.04	0.16
178.49	0.00	179.01	0.00	179.53	0.11	180.05	0.16
178.50	0.00	179.02	0.00	179.54	0.11	180.06	0.16
178.51	0.00	179.03	0.01	179.55	0.11	180.07	0.16

Stage-Discharge for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.16	180.60	2.01	181.12	9.06	181.64	17.52
180.09	0.17	180.61	2.11	181.13	9.22	181.65	17.54
180.10	0.17	180.62	2.22	181.14	9.39	181.66	17.56
180.11	0.17	180.63	2.32	181.15	9.55	181.67	17.58
180.12	0.17	180.64	2.43	181.16	9.72	181.68	17.60
180.13	0.17	180.65	2.54	181.17	9.88	181.69	17.62
180.14	0.17	180.66	2.65	181.18	10.05	181.70	17.64
180.15	0.17	180.67	2.76	181.19	10.22	181.71	17.66
180.16	0.17	180.68	2.87	181.20	10.39	181.72	17.69
180.17	0.17	180.69	2.98	181.21	10.56	181.73	17.71
180.18	0.17	180.70	3.10	181.22	10.73	181.74	17.73
180.19	0.17	180.71	3.22	181.23	10.91	181.75	17.75
180.20	0.17	180.72	3.33	181.24	11.08	181.76	17.77
180.21	0.17	180.73	3.45	181.25	11.25	181.77	17.79
180.22	0.18	180.74	3.58	181.26	11.43	181.78	17.81
180.23	0.18	180.75	3.70	181.27	11.60	181.79	17.83
180.24	0.18	180.76	3.82	181.28	11.78	181.80	17.85
180.25	0.18	180.77	3.95	181.29	11.96	181.81	17.87
180.26	0.18	180.78	4.07	181.30	12.13	181.82	17.89
180.27	0.18	180.79	4.20	181.31	12.31	181.83	17.91
180.28	0.18	180.80	4.33	181.32	12.49	181.84	17.93
180.29	0.18	180.81	4.46	181.33	12.67	181.85	17.95
180.30	0.18	180.82	4.59	181.34	12.85	181.86	17.97
180.31	0.18	180.83	4.73	181.35	13.03	181.87	17.99
180.32	0.18	180.84	4.86	181.36	13.22	181.88	18.01
180.33	0.18	180.85	5.00	181.37	13.40	181.89	18.03
180.34	0.20	180.86	5.13	181.38	13.58	181.90	18.05
180.35	0.22	180.87	5.27	181.39	13.77	181.91	18.07
180.36	0.25	180.88	5.41	181.40	13.95	181.92	18.09
180.37	0.29	180.89	5.55	181.41	14.14	181.93	18.11
180.38	0.33	180.90	5.69	181.42	14.33	181.94	18.13
180.39	0.38	180.91	5.83	181.43	14.51	181.95	18.15
180.40	0.43	180.92	5.98	181.44	14.70	181.96	18.29
180.41	0.48	180.93	6.12	181.45	14.89	181.97	18.52
180.42	0.54	180.94	6.27	181.46	15.08	181.98	18.82
180.43	0.60	180.95	6.41	181.47	15.27	181.99	19.17
180.44	0.67	180.96	6.56	181.48	15.46	182.00	19.56
180.45	0.73	180.97	6.71	181.49	15.65		
180.46	0.80	180.98	6.86	181.50	15.84		
180.47	0.87	180.99	7.01	181.51	16.03		
180.48	0.95	181.00	7.16	181.52	16.23		
180.49	1.03	181.01	7.31	181.53	16.42		
180.50	1.11	181.02	7.47	181.54	16.61		
180.51	1.19	181.03	7.62	181.55	16.81		
180.52	1.27	181.04	7.78	181.56	17.00		
180.53	1.36	181.05	7.93	181.57	17.20		
180.54	1.44	181.06	8.09	181.58	17.40		
180.55	1.53	181.07	8.25	181.59	17.42		
180.56	1.63	181.08	8.41	181.60	17.44		
180.57	1.72	181.09	8.57	181.61	17.46		
180.58	1.82	181.10	8.73	181.62	17.48		
180.59	1.91	181.11	8.89	181.63	17.50		

Stage-Area-Storage for Pond B-16B: Basin #16B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	3,145	0	178.52	3,476	1,721
178.01	3,151	31	178.53	3,482	1,756
178.02	3,158	63	178.54	3,488	1,791
178.03	3,164	95	178.55	3,495	1,826
178.04	3,170	126	178.56	3,501	1,861
178.05	3,177	158	178.57	3,508	1,896
178.06	3,183	190	178.58	3,514	1,931
178.07	3,190	222	178.59	3,520	1,966
178.08	3,196	254	178.60	3,527	2,001
178.09	3,202	286	178.61	3,533	2,037
178.10	3,209	318	178.62	3,539	2,072
178.11	3,215	350	178.63	3,546	2,108
178.12	3,221	382	178.64	3,552	2,143
178.13	3,228	414	178.65	3,558	2,179
178.14	3,234	447	178.66	3,565	2,214
178.15	3,240	479	178.67	3,571	2,250
178.16	3,247	511	178.68	3,577	2,286
178.17	3,253	544	178.69	3,584	2,321
178.18	3,259	576	178.70	3,590	2,357
178.19	3,266	609	178.71	3,597	2,393
178.20	3,272	642	178.72	3,603	2,429
178.21	3,279	674	178.73	3,609	2,465
178.22	3,285	707	178.74	3,616	2,501
178.23	3,291	740	178.75	3,622	2,538
178.24	3,298	773	178.76	3,628	2,574
178.25	3,304	806	178.77	3,635	2,610
178.26	3,310	839	178.78	3,641	2,647
178.27	3,317	872	178.79	3,647	2,683
178.28	3,323	906	178.80	3,654	2,720
178.29	3,329	939	178.81	3,660	2,756
178.30	3,336	972	178.82	3,667	2,793
178.31	3,342	1,006	178.83	3,673	2,829
178.32	3,349	1,039	178.84	3,679	2,866
178.33	3,355	1,072	178.85	3,686	2,903
178.34	3,361	1,106	178.86	3,692	2,940
178.35	3,368	1,140	178.87	3,698	2,977
178.36	3,374	1,173	178.88	3,705	3,014
178.37	3,380	1,207	178.89	3,711	3,051
178.38	3,387	1,241	178.90	3,717	3,088
178.39	3,393	1,275	178.91	3,724	3,125
178.40	3,399	1,309	178.92	3,730	3,163
178.41	3,406	1,343	178.93	3,736	3,200
178.42	3,412	1,377	178.94	3,743	3,237
178.43	3,418	1,411	178.95	3,749	3,275
178.44	3,425	1,445	178.96	3,756	3,312
178.45	3,431	1,480	178.97	3,762	3,350
178.46	3,438	1,514	178.98	3,768	3,388
178.47	3,444	1,548	178.99	3,775	3,425
178.48	3,450	1,583	179.00	3,781	3,463
178.49	3,457	1,617	179.01	3,788	3,501
178.50	3,463	1,652	179.02	3,794	3,539
178.51	3,469	1,687	179.03	3,801	3,577

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,808	3,615	179.56	4,156	5,685
179.05	3,815	3,653	179.57	4,163	5,727
179.06	3,821	3,691	179.58	4,170	5,769
179.07	3,828	3,729	179.59	4,176	5,810
179.08	3,835	3,768	179.60	4,183	5,852
179.09	3,841	3,806	179.61	4,190	5,894
179.10	3,848	3,844	179.62	4,196	5,936
179.11	3,855	3,883	179.63	4,203	5,978
179.12	3,861	3,922	179.64	4,210	6,020
179.13	3,868	3,960	179.65	4,217	6,062
179.14	3,875	3,999	179.66	4,223	6,104
179.15	3,882	4,038	179.67	4,230	6,147
179.16	3,888	4,077	179.68	4,237	6,189
179.17	3,895	4,115	179.69	4,243	6,231
179.18	3,902	4,154	179.70	4,250	6,274
179.19	3,908	4,193	179.71	4,257	6,316
179.20	3,915	4,233	179.72	4,263	6,359
179.21	3,922	4,272	179.73	4,270	6,402
179.22	3,928	4,311	179.74	4,277	6,444
179.23	3,935	4,350	179.75	4,284	6,487
179.24	3,942	4,390	179.76	4,290	6,530
179.25	3,949	4,429	179.77	4,297	6,573
179.26	3,955	4,469	179.78	4,304	6,616
179.27	3,962	4,508	179.79	4,310	6,659
179.28	3,969	4,548	179.80	4,317	6,702
179.29	3,975	4,588	179.81	4,324	6,745
179.30	3,982	4,627	179.82	4,330	6,789
179.31	3,989	4,667	179.83	4,337	6,832
179.32	3,995	4,707	179.84	4,344	6,875
179.33	4,002	4,747	179.85	4,350	6,919
179.34	4,009	4,787	179.86	4,357	6,962
179.35	4,015	4,827	179.87	4,364	7,006
179.36	4,022	4,868	179.88	4,371	7,050
179.37	4,029	4,908	179.89	4,377	7,093
179.38	4,036	4,948	179.90	4,384	7,137
179.39	4,042	4,989	179.91	4,391	7,181
179.40	4,049	5,029	179.92	4,397	7,225
179.41	4,056	5,070	179.93	4,404	7,269
179.42	4,062	5,110	179.94	4,411	7,313
179.43	4,069	5,151	179.95	4,417	7,357
179.44	4,076	5,191	179.96	4,424	7,401
179.45	4,082	5,232	179.97	4,431	7,446
179.46	4,089	5,273	179.98	4,438	7,490
179.47	4,096	5,314	179.99	4,444	7,535
179.48	4,103	5,355	180.00	4,451	7,579
179.49	4,109	5,396	180.01	4,458	7,624
179.50	4,116	5,437	180.02	4,465	7,668
179.51	4,123	5,478	180.03	4,472	7,713
179.52	4,129	5,520	180.04	4,479	7,758
179.53	4,136	5,561	180.05	4,486	7,802
179.54	4,143	5,602	180.06	4,493	7,847
179.55	4,150	5,644	180.07	4,500	7,892

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,507	7,937	180.60	4,870	10,375
180.09	4,514	7,982	180.61	4,877	10,424
180.10	4,521	8,028	180.62	4,884	10,473
180.11	4,528	8,073	180.63	4,891	10,522
180.12	4,535	8,118	180.64	4,898	10,571
180.13	4,542	8,164	180.65	4,905	10,620
180.14	4,549	8,209	180.66	4,912	10,669
180.15	4,556	8,255	180.67	4,919	10,718
180.16	4,563	8,300	180.68	4,926	10,767
180.17	4,570	8,346	180.69	4,933	10,816
180.18	4,577	8,391	180.70	4,940	10,866
180.19	4,584	8,437	180.71	4,947	10,915
180.20	4,591	8,483	180.72	4,954	10,965
180.21	4,598	8,529	180.73	4,961	11,014
180.22	4,605	8,575	180.74	4,968	11,064
180.23	4,612	8,621	180.75	4,975	11,114
180.24	4,619	8,667	180.76	4,981	11,163
180.25	4,626	8,714	180.77	4,988	11,213
180.26	4,632	8,760	180.78	4,995	11,263
180.27	4,639	8,806	180.79	5,002	11,313
180.28	4,646	8,853	180.80	5,009	11,363
180.29	4,653	8,899	180.81	5,016	11,413
180.30	4,660	8,946	180.82	5,023	11,463
180.31	4,667	8,992	180.83	5,030	11,514
180.32	4,674	9,039	180.84	5,037	11,564
180.33	4,681	9,086	180.85	5,044	11,615
180.34	4,688	9,133	180.86	5,051	11,665
180.35	4,695	9,180	180.87	5,058	11,716
180.36	4,702	9,227	180.88	5,065	11,766
180.37	4,709	9,274	180.89	5,072	11,817
180.38	4,716	9,321	180.90	5,079	11,868
180.39	4,723	9,368	180.91	5,086	11,918
180.40	4,730	9,415	180.92	5,093	11,969
180.41	4,737	9,463	180.93	5,100	12,020
180.42	4,744	9,510	180.94	5,107	12,071
180.43	4,751	9,557	180.95	5,114	12,122
180.44	4,758	9,605	180.96	5,121	12,174
180.45	4,765	9,653	180.97	5,128	12,225
180.46	4,772	9,700	180.98	5,135	12,276
180.47	4,779	9,748	180.99	5,142	12,328
180.48	4,786	9,796	181.00	5,149	12,379
180.49	4,793	9,844	181.01	5,156	12,431
180.50	4,800	9,892	181.02	5,164	12,482
180.51	4,807	9,940	181.03	5,171	12,534
180.52	4,814	9,988	181.04	5,178	12,586
180.53	4,821	10,036	181.05	5,185	12,637
180.54	4,828	10,084	181.06	5,193	12,689
180.55	4,835	10,133	181.07	5,200	12,741
180.56	4,842	10,181	181.08	5,207	12,793
180.57	4,849	10,229	181.09	5,215	12,845
180.58	4,856	10,278	181.10	5,222	12,898
180.59	4,863	10,327	181.11	5,229	12,950

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	5,236	13,002	181.64	5,615	15,823
181.13	5,244	13,055	181.65	5,622	15,880
181.14	5,251	13,107	181.66	5,629	15,936
181.15	5,258	13,160	181.67	5,637	15,992
181.16	5,265	13,212	181.68	5,644	16,049
181.17	5,273	13,265	181.69	5,651	16,105
181.18	5,280	13,318	181.70	5,659	16,162
181.19	5,287	13,370	181.71	5,666	16,218
181.20	5,295	13,423	181.72	5,673	16,275
181.21	5,302	13,476	181.73	5,680	16,332
181.22	5,309	13,529	181.74	5,688	16,389
181.23	5,316	13,583	181.75	5,695	16,446
181.24	5,324	13,636	181.76	5,702	16,502
181.25	5,331	13,689	181.77	5,710	16,560
181.26	5,338	13,742	181.78	5,717	16,617
181.27	5,346	13,796	181.79	5,724	16,674
181.28	5,353	13,849	181.80	5,731	16,731
181.29	5,360	13,903	181.81	5,739	16,789
181.30	5,367	13,956	181.82	5,746	16,846
181.31	5,375	14,010	181.83	5,753	16,903
181.32	5,382	14,064	181.84	5,761	16,961
181.33	5,389	14,118	181.85	5,768	17,019
181.34	5,397	14,172	181.86	5,775	17,076
181.35	5,404	14,226	181.87	5,782	17,134
181.36	5,411	14,280	181.88	5,790	17,192
181.37	5,418	14,334	181.89	5,797	17,250
181.38	5,426	14,388	181.90	5,804	17,308
181.39	5,433	14,442	181.91	5,811	17,366
181.40	5,440	14,497	181.92	5,819	17,424
181.41	5,447	14,551	181.93	5,826	17,482
181.42	5,455	14,606	181.94	5,833	17,541
181.43	5,462	14,660	181.95	5,841	17,599
181.44	5,469	14,715	181.96	5,848	17,658
181.45	5,477	14,770	181.97	5,855	17,716
181.46	5,484	14,825	181.98	5,862	17,775
181.47	5,491	14,879	181.99	5,870	17,833
181.48	5,498	14,934	182.00	5,877	17,892
181.49	5,506	14,989			
181.50	5,513	15,045			
181.51	5,520	15,100			
181.52	5,528	15,155			
181.53	5,535	15,210			
181.54	5,542	15,266			
181.55	5,549	15,321			
181.56	5,557	15,377			
181.57	5,564	15,432			
181.58	5,571	15,488			
181.59	5,579	15,544			
181.60	5,586	15,599			
181.61	5,593	15,655			
181.62	5,600	15,711			
181.63	5,608	15,767			

Summary for Pond B-17A: Basin #17A

Inflow Area = 1.324 ac, 14.58% Impervious, Inflow Depth = 1.80" for Future 2 yr event
 Inflow = 2.50 cfs @ 12.18 hrs, Volume= 0.198 af
 Outflow = 0.13 cfs @ 14.73 hrs, Volume= 0.167 af, Atten= 95%, Lag= 153.2 min
 Primary = 0.13 cfs @ 14.73 hrs, Volume= 0.167 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.89' @ 14.73 hrs Surf.Area= 6,397 sf Storage= 5,326 cf

Plug-Flow detention time= 525.0 min calculated for 0.167 af (84% of inflow)
 Center-of-Mass det. time= 452.3 min (1,281.0 - 828.7)

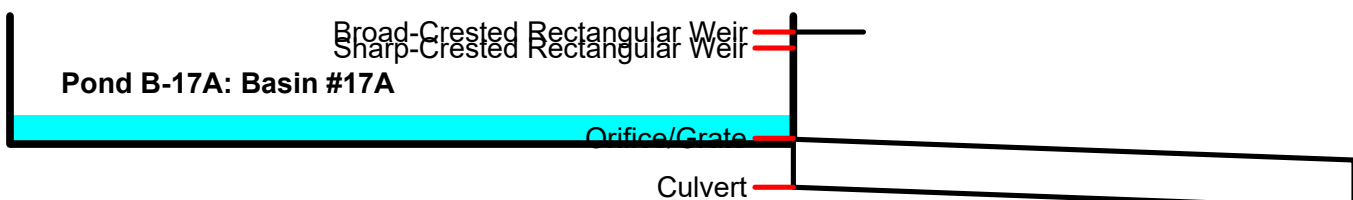
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	30,377 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	5,508	0	0
180.00	6,502	6,005	6,005
181.00	7,552	7,027	13,032
182.00	8,658	8,105	21,137
183.00	9,821	9,240	30,377

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

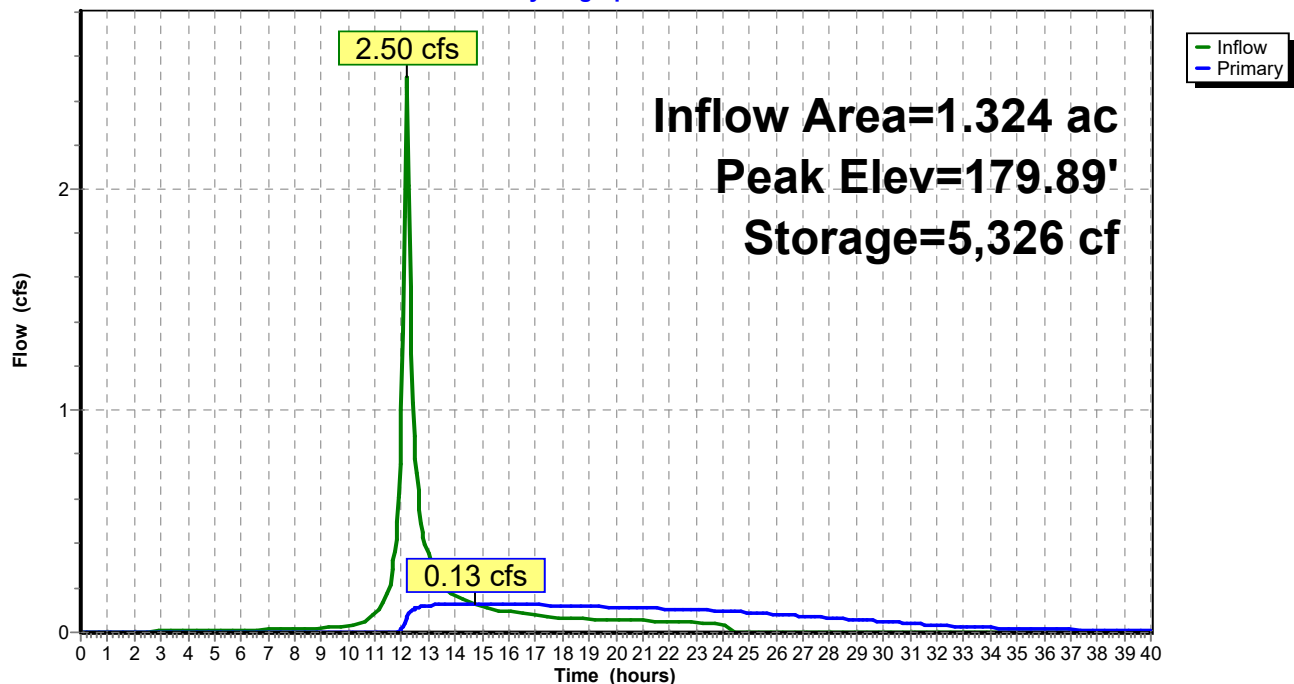
Primary OutFlow Max=0.13 cfs @ 14.73 hrs HW=179.89' (Free Discharge)

- 1=Culvert (Passes 0.13 cfs of 10.40 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.76 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-17A: Basin #17A

Hydrograph



Hydrograph for Pond B-17A: Basin #17A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	0	179.00	0.00
1.10	0.00	0	179.00	0.00
1.20	0.00	0	179.00	0.00
1.30	0.00	0	179.00	0.00
1.40	0.00	0	179.00	0.00
1.50	0.00	1	179.00	0.00
1.60	0.00	1	179.00	0.00
1.70	0.00	2	179.00	0.00
1.80	0.00	3	179.00	0.00
1.90	0.00	4	179.00	0.00
2.00	0.00	4	179.00	0.00
2.10	0.00	5	179.00	0.00
2.20	0.00	7	179.00	0.00
2.30	0.00	8	179.00	0.00
2.40	0.00	9	179.00	0.00
2.50	0.00	10	179.00	0.00
2.60	0.00	12	179.00	0.00
2.70	0.00	13	179.00	0.00
2.80	0.00	15	179.00	0.00
2.90	0.00	17	179.00	0.00
3.00	0.00	18	179.00	0.00
3.10	0.01	20	179.00	0.00
3.20	0.01	22	179.00	0.00
3.30	0.01	24	179.00	0.00
3.40	0.01	26	179.00	0.00
3.50	0.01	28	179.01	0.00
3.60	0.01	30	179.01	0.00
3.70	0.01	33	179.01	0.00
3.80	0.01	35	179.01	0.00
3.90	0.01	37	179.01	0.00
4.00	0.01	40	179.01	0.00
4.10	0.01	42	179.01	0.00
4.20	0.01	45	179.01	0.00
4.30	0.01	47	179.01	0.00
4.40	0.01	50	179.01	0.00
4.50	0.01	53	179.01	0.00
4.60	0.01	55	179.01	0.00
4.70	0.01	58	179.01	0.00
4.80	0.01	61	179.01	0.00
4.90	0.01	64	179.01	0.00
5.00	0.01	67	179.01	0.00
5.10	0.01	70	179.01	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	73	179.01	0.00
5.30	0.01	76	179.01	0.00
5.40	0.01	79	179.01	0.00
5.50	0.01	82	179.01	0.00
5.60	0.01	86	179.02	0.00
5.70	0.01	89	179.02	0.00
5.80	0.01	92	179.02	0.00
5.90	0.01	96	179.02	0.00
6.00	0.01	99	179.02	0.00
6.10	0.01	103	179.02	0.00
6.20	0.01	106	179.02	0.00
6.30	0.01	110	179.02	0.00
6.40	0.01	114	179.02	0.00
6.50	0.01	117	179.02	0.00
6.60	0.01	121	179.02	0.00
6.70	0.01	126	179.02	0.00
6.80	0.01	130	179.02	0.00
6.90	0.01	134	179.02	0.00
7.00	0.01	139	179.03	0.00
7.10	0.01	143	179.03	0.00
7.20	0.01	148	179.03	0.00
7.30	0.01	153	179.03	0.00
7.40	0.01	158	179.03	0.00
7.50	0.01	163	179.03	0.00
7.60	0.01	168	179.03	0.00
7.70	0.01	173	179.03	0.00
7.80	0.02	178	179.03	0.00
7.90	0.02	184	179.03	0.00
8.00	0.02	189	179.03	0.00
8.10	0.02	195	179.04	0.00
8.20	0.02	201	179.04	0.00
8.30	0.02	207	179.04	0.00
8.40	0.02	213	179.04	0.00
8.50	0.02	219	179.04	0.00
8.60	0.02	226	179.04	0.00
8.70	0.02	232	179.04	0.00
8.80	0.02	238	179.04	0.00
8.90	0.02	245	179.04	0.00
9.00	0.02	252	179.05	0.00
9.10	0.02	259	179.05	0.00
9.20	0.02	266	179.05	0.00
9.30	0.02	274	179.05	0.00
9.40	0.02	281	179.05	0.00
9.50	0.02	290	179.05	0.00
9.60	0.02	298	179.05	0.00
9.70	0.03	308	179.06	0.00
9.80	0.03	317	179.06	0.00
9.90	0.03	327	179.06	0.00
10.00	0.03	337	179.06	0.00
10.10	0.03	348	179.06	0.00
10.20	0.03	359	179.06	0.00
10.30	0.04	372	179.07	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.04	385	179.07	0.00
10.50	0.04	400	179.07	0.00
10.60	0.05	416	179.07	0.00
10.70	0.05	434	179.08	0.00
10.80	0.06	455	179.08	0.00
10.90	0.07	479	179.09	0.00
11.00	0.08	507	179.09	0.00
11.10	0.10	539	179.10	0.00
11.20	0.11	577	179.10	0.00
11.30	0.13	621	179.11	0.00
11.40	0.16	674	179.12	0.00
11.50	0.18	735	179.13	0.00
11.60	0.23	809	179.14	0.00
11.70	0.33	910	179.16	0.00
11.80	0.42	1,042	179.19	0.00
11.90	0.61	1,224	179.22	0.00
12.00	1.00	1,502	179.27	0.01
12.10	1.88	1,994	179.35	0.04
12.20	2.46	2,800	179.49	0.07
12.30	1.56	3,493	179.60	0.09
12.40	1.04	3,918	179.67	0.10
12.50	0.78	4,202	179.72	0.11
12.60	0.64	4,420	179.75	0.11
12.70	0.49	4,581	179.78	0.12
12.80	0.43	4,703	179.80	0.12
12.90	0.39	4,806	179.81	0.12
13.00	0.35	4,895	179.83	0.12
13.10	0.31	4,971	179.84	0.12
13.20	0.28	5,034	179.85	0.12
13.30	0.26	5,087	179.86	0.12
13.40	0.24	5,133	179.86	0.13
13.50	0.22	5,171	179.87	0.13
13.60	0.20	5,201	179.88	0.13
13.70	0.18	5,225	179.88	0.13
13.80	0.18	5,244	179.88	0.13
13.90	0.17	5,261	179.88	0.13
14.00	0.17	5,276	179.89	0.13
14.10	0.16	5,289	179.89	0.13
14.20	0.16	5,300	179.89	0.13
14.30	0.15	5,309	179.89	0.13
14.40	0.15	5,316	179.89	0.13
14.50	0.14	5,321	179.89	0.13
14.60	0.14	5,325	179.89	0.13
14.70	0.13	5,326	179.89	0.13
14.80	0.12	5,326	179.89	0.13
14.90	0.12	5,324	179.89	0.13
15.00	0.11	5,320	179.89	0.13
15.10	0.11	5,314	179.89	0.13
15.20	0.10	5,306	179.89	0.13
15.30	0.10	5,297	179.89	0.13
15.40	0.10	5,288	179.89	0.13
15.50	0.10	5,278	179.89	0.13

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.10	5,268	179.89	0.13
15.70	0.10	5,257	179.88	0.13
15.80	0.10	5,246	179.88	0.13
15.90	0.09	5,234	179.88	0.13
16.00	0.09	5,222	179.88	0.13
16.10	0.09	5,209	179.88	0.13
16.20	0.09	5,197	179.87	0.13
16.30	0.09	5,183	179.87	0.13
16.40	0.09	5,170	179.87	0.13
16.50	0.09	5,156	179.87	0.13
16.60	0.08	5,141	179.87	0.13
16.70	0.08	5,126	179.86	0.12
16.80	0.08	5,111	179.86	0.12
16.90	0.08	5,095	179.86	0.12
17.00	0.08	5,079	179.86	0.12
17.10	0.08	5,062	179.85	0.12
17.20	0.08	5,045	179.85	0.12
17.30	0.07	5,028	179.85	0.12
17.40	0.07	5,010	179.85	0.12
17.50	0.07	4,992	179.84	0.12
17.60	0.07	4,973	179.84	0.12
17.70	0.07	4,954	179.84	0.12
17.80	0.07	4,935	179.83	0.12
17.90	0.07	4,915	179.83	0.12
18.00	0.06	4,894	179.83	0.12
18.10	0.06	4,874	179.82	0.12
18.20	0.06	4,853	179.82	0.12
18.30	0.06	4,832	179.82	0.12
18.40	0.06	4,810	179.81	0.12
18.50	0.06	4,789	179.81	0.12
18.60	0.06	4,768	179.81	0.12
18.70	0.06	4,747	179.80	0.12
18.80	0.06	4,726	179.80	0.12
18.90	0.06	4,705	179.80	0.12
19.00	0.06	4,683	179.79	0.12
19.10	0.06	4,662	179.79	0.12
19.20	0.06	4,641	179.79	0.12
19.30	0.06	4,620	179.78	0.12
19.40	0.06	4,599	179.78	0.12
19.50	0.06	4,578	179.78	0.12
19.60	0.06	4,557	179.77	0.11
19.70	0.06	4,536	179.77	0.11
19.80	0.06	4,515	179.77	0.11
19.90	0.06	4,494	179.76	0.11
20.00	0.05	4,473	179.76	0.11
20.10	0.05	4,452	179.76	0.11
20.20	0.05	4,431	179.75	0.11
20.30	0.05	4,410	179.75	0.11
20.40	0.05	4,389	179.75	0.11
20.50	0.05	4,368	179.74	0.11
20.60	0.05	4,347	179.74	0.11
20.70	0.05	4,327	179.74	0.11

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	4,306	179.73	0.11
20.90	0.05	4,285	179.73	0.11
21.00	0.05	4,264	179.73	0.11
21.10	0.05	4,243	179.72	0.11
21.20	0.05	4,223	179.72	0.11
21.30	0.05	4,202	179.72	0.11
21.40	0.05	4,181	179.71	0.11
21.50	0.05	4,161	179.71	0.11
21.60	0.05	4,140	179.71	0.11
21.70	0.05	4,119	179.70	0.11
21.80	0.05	4,099	179.70	0.11
21.90	0.05	4,078	179.70	0.11
22.00	0.05	4,058	179.69	0.10
22.10	0.05	4,037	179.69	0.10
22.20	0.05	4,016	179.69	0.10
22.30	0.05	3,996	179.68	0.10
22.40	0.05	3,975	179.68	0.10
22.50	0.05	3,955	179.68	0.10
22.60	0.05	3,934	179.67	0.10
22.70	0.05	3,914	179.67	0.10
22.80	0.04	3,894	179.67	0.10
22.90	0.04	3,873	179.66	0.10
23.00	0.04	3,853	179.66	0.10
23.10	0.04	3,833	179.66	0.10
23.20	0.04	3,812	179.65	0.10
23.30	0.04	3,792	179.65	0.10
23.40	0.04	3,772	179.65	0.10
23.50	0.04	3,752	179.64	0.10
23.60	0.04	3,732	179.64	0.10
23.70	0.04	3,711	179.64	0.10
23.80	0.04	3,691	179.63	0.10
23.90	0.04	3,671	179.63	0.10
24.00	0.04	3,651	179.63	0.10
24.10	0.04	3,632	179.62	0.10
24.20	0.01	3,606	179.62	0.10
24.30	0.00	3,574	179.61	0.09
24.40	0.00	3,540	179.61	0.09
24.50	0.00	3,507	179.60	0.09
24.60	0.00	3,474	179.60	0.09
24.70	0.00	3,441	179.59	0.09
24.80	0.00	3,408	179.59	0.09
24.90	0.00	3,376	179.58	0.09
25.00	0.00	3,343	179.58	0.09
25.10	0.00	3,312	179.57	0.09
25.20	0.00	3,280	179.57	0.09
25.30	0.00	3,249	179.56	0.09
25.40	0.00	3,218	179.56	0.09
25.50	0.00	3,187	179.55	0.08
25.60	0.00	3,157	179.55	0.08
25.70	0.00	3,127	179.54	0.08
25.80	0.00	3,097	179.54	0.08
25.90	0.00	3,067	179.53	0.08

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,038	179.53	0.08
26.10	0.00	3,009	179.52	0.08
26.20	0.00	2,981	179.52	0.08
26.30	0.00	2,952	179.51	0.08
26.40	0.00	2,924	179.51	0.08
26.50	0.00	2,896	179.50	0.08
26.60	0.00	2,869	179.50	0.08
26.70	0.00	2,842	179.49	0.08
26.80	0.00	2,815	179.49	0.07
26.90	0.00	2,788	179.48	0.07
27.00	0.00	2,762	179.48	0.07
27.10	0.00	2,736	179.48	0.07
27.20	0.00	2,710	179.47	0.07
27.30	0.00	2,685	179.47	0.07
27.40	0.00	2,660	179.46	0.07
27.50	0.00	2,635	179.46	0.07
27.60	0.00	2,610	179.46	0.07
27.70	0.00	2,586	179.45	0.07
27.80	0.00	2,562	179.45	0.07
27.90	0.00	2,538	179.44	0.07
28.00	0.00	2,515	179.44	0.06
28.10	0.00	2,492	179.44	0.06
28.20	0.00	2,469	179.43	0.06
28.30	0.00	2,447	179.43	0.06
28.40	0.00	2,424	179.42	0.06
28.50	0.00	2,403	179.42	0.06
28.60	0.00	2,381	179.42	0.06
28.70	0.00	2,360	179.41	0.06
28.80	0.00	2,339	179.41	0.06
28.90	0.00	2,318	179.41	0.06
29.00	0.00	2,297	179.40	0.06
29.10	0.00	2,277	179.40	0.06
29.20	0.00	2,257	179.40	0.05
29.30	0.00	2,238	179.39	0.05
29.40	0.00	2,219	179.39	0.05
29.50	0.00	2,200	179.39	0.05
29.60	0.00	2,181	179.38	0.05
29.70	0.00	2,163	179.38	0.05
29.80	0.00	2,145	179.38	0.05
29.90	0.00	2,127	179.37	0.05
30.00	0.00	2,110	179.37	0.05
30.10	0.00	2,093	179.37	0.05
30.20	0.00	2,076	179.36	0.05
30.30	0.00	2,059	179.36	0.05
30.40	0.00	2,043	179.36	0.04
30.50	0.00	2,027	179.36	0.04
30.60	0.00	2,011	179.35	0.04
30.70	0.00	1,996	179.35	0.04
30.80	0.00	1,981	179.35	0.04
30.90	0.00	1,966	179.35	0.04
31.00	0.00	1,952	179.34	0.04
31.10	0.00	1,938	179.34	0.04

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,924	179.34	0.04
31.30	0.00	1,910	179.34	0.04
31.40	0.00	1,897	179.33	0.04
31.50	0.00	1,884	179.33	0.04
31.60	0.00	1,872	179.33	0.03
31.70	0.00	1,860	179.33	0.03
31.80	0.00	1,848	179.33	0.03
31.90	0.00	1,836	179.32	0.03
32.00	0.00	1,824	179.32	0.03
32.10	0.00	1,813	179.32	0.03
32.20	0.00	1,802	179.32	0.03
32.30	0.00	1,791	179.32	0.03
32.40	0.00	1,780	179.31	0.03
32.50	0.00	1,770	179.31	0.03
32.60	0.00	1,760	179.31	0.03
32.70	0.00	1,750	179.31	0.03
32.80	0.00	1,740	179.31	0.03
32.90	0.00	1,731	179.31	0.03
33.00	0.00	1,721	179.30	0.03
33.10	0.00	1,712	179.30	0.03
33.20	0.00	1,703	179.30	0.02
33.30	0.00	1,695	179.30	0.02
33.40	0.00	1,686	179.30	0.02
33.50	0.00	1,678	179.30	0.02
33.60	0.00	1,669	179.30	0.02
33.70	0.00	1,661	179.29	0.02
33.80	0.00	1,654	179.29	0.02
33.90	0.00	1,646	179.29	0.02
34.00	0.00	1,638	179.29	0.02
34.10	0.00	1,631	179.29	0.02
34.20	0.00	1,624	179.29	0.02
34.30	0.00	1,617	179.29	0.02
34.40	0.00	1,610	179.28	0.02
34.50	0.00	1,603	179.28	0.02
34.60	0.00	1,596	179.28	0.02
34.70	0.00	1,590	179.28	0.02
34.80	0.00	1,583	179.28	0.02
34.90	0.00	1,577	179.28	0.02
35.00	0.00	1,571	179.28	0.02
35.10	0.00	1,565	179.28	0.02
35.20	0.00	1,559	179.28	0.02
35.30	0.00	1,553	179.28	0.02
35.40	0.00	1,547	179.27	0.02
35.50	0.00	1,542	179.27	0.02
35.60	0.00	1,536	179.27	0.02
35.70	0.00	1,531	179.27	0.02
35.80	0.00	1,525	179.27	0.01
35.90	0.00	1,520	179.27	0.01
36.00	0.00	1,515	179.27	0.01
36.10	0.00	1,510	179.27	0.01
36.20	0.00	1,504	179.27	0.01
36.30	0.00	1,500	179.27	0.01

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,495	179.26	0.01
36.50	0.00	1,490	179.26	0.01
36.60	0.00	1,485	179.26	0.01
36.70	0.00	1,481	179.26	0.01
36.80	0.00	1,476	179.26	0.01
36.90	0.00	1,471	179.26	0.01
37.00	0.00	1,467	179.26	0.01
37.10	0.00	1,463	179.26	0.01
37.20	0.00	1,458	179.26	0.01
37.30	0.00	1,454	179.26	0.01
37.40	0.00	1,450	179.26	0.01
37.50	0.00	1,446	179.26	0.01
37.60	0.00	1,442	179.26	0.01
37.70	0.00	1,438	179.26	0.01
37.80	0.00	1,434	179.25	0.01
37.90	0.00	1,430	179.25	0.01
38.00	0.00	1,427	179.25	0.01
38.10	0.00	1,423	179.25	0.01
38.20	0.00	1,419	179.25	0.01
38.30	0.00	1,416	179.25	0.01
38.40	0.00	1,412	179.25	0.01
38.50	0.00	1,409	179.25	0.01
38.60	0.00	1,406	179.25	0.01
38.70	0.00	1,402	179.25	0.01
38.80	0.00	1,399	179.25	0.01
38.90	0.00	1,396	179.25	0.01
39.00	0.00	1,393	179.25	0.01
39.10	0.00	1,389	179.25	0.01
39.20	0.00	1,386	179.25	0.01
39.30	0.00	1,383	179.25	0.01
39.40	0.00	1,380	179.25	0.01
39.50	0.00	1,378	179.24	0.01
39.60	0.00	1,375	179.24	0.01
39.70	0.00	1,372	179.24	0.01
39.80	0.00	1,369	179.24	0.01
39.90	0.00	1,366	179.24	0.01
40.00	0.00	1,364	179.24	0.01

Stage-Discharge for Pond B-17A: Basin #17A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	0.14	180.56	0.19
179.01	0.00	179.53	0.08	180.05	0.14	180.57	0.19
179.02	0.00	179.54	0.08	180.06	0.14	180.58	0.19
179.03	0.00	179.55	0.08	180.07	0.15	180.59	0.19
179.04	0.00	179.56	0.09	180.08	0.15	180.60	0.19
179.05	0.00	179.57	0.09	180.09	0.15	180.61	0.19
179.06	0.00	179.58	0.09	180.10	0.15	180.62	0.19
179.07	0.00	179.59	0.09	180.11	0.15	180.63	0.19
179.08	0.00	179.60	0.09	180.12	0.15	180.64	0.19
179.09	0.00	179.61	0.09	180.13	0.15	180.65	0.19
179.10	0.00	179.62	0.10	180.14	0.15	180.66	0.19
179.11	0.00	179.63	0.10	180.15	0.15	180.67	0.19
179.12	0.00	179.64	0.10	180.16	0.15	180.68	0.19
179.13	0.00	179.65	0.10	180.17	0.15	180.69	0.19
179.14	0.00	179.66	0.10	180.18	0.16	180.70	0.20
179.15	0.00	179.67	0.10	180.19	0.16	180.71	0.20
179.16	0.00	179.68	0.10	180.20	0.16	180.72	0.20
179.17	0.00	179.69	0.10	180.21	0.16	180.73	0.20
179.18	0.00	179.70	0.11	180.22	0.16	180.74	0.20
179.19	0.00	179.71	0.11	180.23	0.16	180.75	0.20
179.20	0.00	179.72	0.11	180.24	0.16	180.76	0.20
179.21	0.00	179.73	0.11	180.25	0.16	180.77	0.20
179.22	0.00	179.74	0.11	180.26	0.16	180.78	0.20
179.23	0.00	179.75	0.11	180.27	0.16	180.79	0.20
179.24	0.01	179.76	0.11	180.28	0.16	180.80	0.20
179.25	0.01	179.77	0.11	180.29	0.16	180.81	0.20
179.26	0.01	179.78	0.12	180.30	0.17	180.82	0.20
179.27	0.01	179.79	0.12	180.31	0.17	180.83	0.20
179.28	0.02	179.80	0.12	180.32	0.17	180.84	0.20
179.29	0.02	179.81	0.12	180.33	0.17	180.85	0.21
179.30	0.02	179.82	0.12	180.34	0.17	180.86	0.21
179.31	0.03	179.83	0.12	180.35	0.17	180.87	0.21
179.32	0.03	179.84	0.12	180.36	0.17	180.88	0.21
179.33	0.03	179.85	0.12	180.37	0.17	180.89	0.21
179.34	0.04	179.86	0.12	180.38	0.17	180.90	0.21
179.35	0.04	179.87	0.13	180.39	0.17	180.91	0.21
179.36	0.05	179.88	0.13	180.40	0.17	180.92	0.21
179.37	0.05	179.89	0.13	180.41	0.17	180.93	0.21
179.38	0.05	179.90	0.13	180.42	0.17	180.94	0.21
179.39	0.05	179.91	0.13	180.43	0.18	180.95	0.21
179.40	0.06	179.92	0.13	180.44	0.18	180.96	0.21
179.41	0.06	179.93	0.13	180.45	0.18	180.97	0.21
179.42	0.06	179.94	0.13	180.46	0.18	180.98	0.21
179.43	0.06	179.95	0.13	180.47	0.18	180.99	0.21
179.44	0.06	179.96	0.13	180.48	0.18	181.00	0.22
179.45	0.07	179.97	0.14	180.49	0.18	181.01	0.22
179.46	0.07	179.98	0.14	180.50	0.18	181.02	0.22
179.47	0.07	179.99	0.14	180.51	0.18	181.03	0.22
179.48	0.07	180.00	0.14	180.52	0.18	181.04	0.22
179.49	0.07	180.01	0.14	180.53	0.18	181.05	0.22
179.50	0.08	180.02	0.14	180.54	0.18	181.06	0.22
179.51	0.08	180.03	0.14	180.55	0.18	181.07	0.22

Stage-Discharge for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.22	181.60	0.25	182.12	0.82	182.64	12.95
181.09	0.22	181.61	0.25	182.13	0.89	182.65	13.78
181.10	0.22	181.62	0.25	182.14	0.96	182.66	14.63
181.11	0.22	181.63	0.25	182.15	1.03	182.67	15.50
181.12	0.22	181.64	0.25	182.16	1.11	182.68	16.40
181.13	0.22	181.65	0.25	182.17	1.19	182.69	17.32
181.14	0.22	181.66	0.25	182.18	1.27	182.70	18.26
181.15	0.22	181.67	0.25	182.19	1.35	182.71	19.26
181.16	0.22	181.68	0.25	182.20	1.44	182.72	20.29
181.17	0.23	181.69	0.25	182.21	1.53	182.73	21.35
181.18	0.23	181.70	0.26	182.22	1.62	182.74	22.43
181.19	0.23	181.71	0.26	182.23	1.71	182.75	23.54
181.20	0.23	181.72	0.26	182.24	1.80	182.76	24.67
181.21	0.23	181.73	0.26	182.25	1.90	182.77	25.83
181.22	0.23	181.74	0.26	182.26	1.99	182.78	27.01
181.23	0.23	181.75	0.26	182.27	2.09	182.79	28.23
181.24	0.23	181.76	0.26	182.28	2.19	182.80	29.46
181.25	0.23	181.77	0.26	182.29	2.30	182.81	30.72
181.26	0.23	181.78	0.26	182.30	2.40	182.82	32.01
181.27	0.23	181.79	0.26	182.31	2.51	182.83	33.32
181.28	0.23	181.80	0.26	182.32	2.62	182.84	34.66
181.29	0.23	181.81	0.26	182.33	2.73	182.85	36.02
181.30	0.23	181.82	0.26	182.34	2.84	182.86	37.41
181.31	0.23	181.83	0.26	182.35	2.95	182.87	38.82
181.32	0.23	181.84	0.26	182.36	3.06	182.88	40.26
181.33	0.23	181.85	0.26	182.37	3.18	182.89	41.72
181.34	0.24	181.86	0.26	182.38	3.29	182.90	43.21
181.35	0.24	181.87	0.26	182.39	3.41	182.91	44.75
181.36	0.24	181.88	0.26	182.40	3.53	182.92	46.31
181.37	0.24	181.89	0.26	182.41	3.65	182.93	47.90
181.38	0.24	181.90	0.27	182.42	3.78	182.94	49.52
181.39	0.24	181.91	0.27	182.43	3.90	182.95	51.17
181.40	0.24	181.92	0.27	182.44	4.03	182.96	52.84
181.41	0.24	181.93	0.27	182.45	4.15	182.97	54.54
181.42	0.24	181.94	0.27	182.46	4.28	182.98	56.27
181.43	0.24	181.95	0.27	182.47	4.41	182.99	58.03
181.44	0.24	181.96	0.27	182.48	4.54	183.00	59.81
181.45	0.24	181.97	0.27	182.49	4.67		
181.46	0.24	181.98	0.27	182.50	4.80		
181.47	0.24	181.99	0.27	182.51	5.05		
181.48	0.24	182.00	0.27	182.52	5.40		
181.49	0.24	182.01	0.28	182.53	5.82		
181.50	0.24	182.02	0.31	182.54	6.28		
181.51	0.24	182.03	0.34	182.55	6.80		
181.52	0.25	182.04	0.38	182.56	7.35		
181.53	0.25	182.05	0.42	182.57	7.94		
181.54	0.25	182.06	0.47	182.58	8.57		
181.55	0.25	182.07	0.52	182.59	9.22		
181.56	0.25	182.08	0.57	182.60	9.91		
181.57	0.25	182.09	0.63	182.61	10.63		
181.58	0.25	182.10	0.69	182.62	11.38		
181.59	0.25	182.11	0.75	182.63	12.15		

Stage-Area-Storage for Pond B-17A: Basin #17A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	5,508	0	179.52	6,025	2,999
179.01	5,518	55	179.53	6,035	3,059
179.02	5,528	110	179.54	6,045	3,119
179.03	5,538	166	179.55	6,055	3,180
179.04	5,548	221	179.56	6,065	3,240
179.05	5,558	277	179.57	6,075	3,301
179.06	5,568	332	179.58	6,085	3,362
179.07	5,578	388	179.59	6,094	3,423
179.08	5,588	444	179.60	6,104	3,484
179.09	5,597	500	179.61	6,114	3,545
179.10	5,607	556	179.62	6,124	3,606
179.11	5,617	612	179.63	6,134	3,667
179.12	5,627	668	179.64	6,144	3,729
179.13	5,637	724	179.65	6,154	3,790
179.14	5,647	781	179.66	6,164	3,852
179.15	5,657	837	179.67	6,174	3,913
179.16	5,667	894	179.68	6,184	3,975
179.17	5,677	951	179.69	6,194	4,037
179.18	5,687	1,008	179.70	6,204	4,099
179.19	5,697	1,064	179.71	6,214	4,161
179.20	5,707	1,121	179.72	6,224	4,223
179.21	5,717	1,179	179.73	6,234	4,286
179.22	5,727	1,236	179.74	6,244	4,348
179.23	5,737	1,293	179.75	6,254	4,411
179.24	5,747	1,351	179.76	6,263	4,473
179.25	5,757	1,408	179.77	6,273	4,536
179.26	5,766	1,466	179.78	6,283	4,599
179.27	5,776	1,523	179.79	6,293	4,661
179.28	5,786	1,581	179.80	6,303	4,724
179.29	5,796	1,639	179.81	6,313	4,788
179.30	5,806	1,697	179.82	6,323	4,851
179.31	5,816	1,755	179.83	6,333	4,914
179.32	5,826	1,813	179.84	6,343	4,977
179.33	5,836	1,872	179.85	6,353	5,041
179.34	5,846	1,930	179.86	6,363	5,104
179.35	5,856	1,989	179.87	6,373	5,168
179.36	5,866	2,047	179.88	6,383	5,232
179.37	5,876	2,106	179.89	6,393	5,296
179.38	5,886	2,165	179.90	6,403	5,360
179.39	5,896	2,224	179.91	6,413	5,424
179.40	5,906	2,283	179.92	6,422	5,488
179.41	5,916	2,342	179.93	6,432	5,552
179.42	5,925	2,401	179.94	6,442	5,617
179.43	5,935	2,460	179.95	6,452	5,681
179.44	5,945	2,520	179.96	6,462	5,746
179.45	5,955	2,579	179.97	6,472	5,810
179.46	5,965	2,639	179.98	6,482	5,875
179.47	5,975	2,699	179.99	6,492	5,940
179.48	5,985	2,758	180.00	6,502	6,005
179.49	5,995	2,818	180.01	6,512	6,070
179.50	6,005	2,878	180.02	6,523	6,135
179.51	6,015	2,938	180.03	6,534	6,201

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	6,544	6,266	180.56	7,090	9,811
180.05	6,555	6,331	180.57	7,100	9,882
180.06	6,565	6,397	180.58	7,111	9,953
180.07	6,575	6,463	180.59	7,122	10,024
180.08	6,586	6,529	180.60	7,132	10,095
180.09	6,597	6,594	180.61	7,143	10,167
180.10	6,607	6,660	180.62	7,153	10,238
180.11	6,618	6,727	180.63	7,163	10,310
180.12	6,628	6,793	180.64	7,174	10,381
180.13	6,638	6,859	180.65	7,185	10,453
180.14	6,649	6,926	180.66	7,195	10,525
180.15	6,660	6,992	180.67	7,205	10,597
180.16	6,670	7,059	180.68	7,216	10,669
180.17	6,680	7,126	180.69	7,226	10,741
180.18	6,691	7,192	180.70	7,237	10,814
180.19	6,701	7,259	180.71	7,248	10,886
180.20	6,712	7,326	180.72	7,258	10,959
180.21	6,723	7,394	180.73	7,268	11,031
180.22	6,733	7,461	180.74	7,279	11,104
180.23	6,743	7,528	180.75	7,290	11,177
180.24	6,754	7,596	180.76	7,300	11,250
180.25	6,765	7,663	180.77	7,311	11,323
180.26	6,775	7,731	180.78	7,321	11,396
180.27	6,786	7,799	180.79	7,331	11,469
180.28	6,796	7,867	180.80	7,342	11,543
180.29	6,806	7,935	180.81	7,353	11,616
180.30	6,817	8,003	180.82	7,363	11,690
180.31	6,828	8,071	180.83	7,374	11,763
180.32	6,838	8,139	180.84	7,384	11,837
180.33	6,849	8,208	180.85	7,394	11,911
180.34	6,859	8,276	180.86	7,405	11,985
180.35	6,869	8,345	180.87	7,416	12,059
180.36	6,880	8,414	180.88	7,426	12,133
180.37	6,891	8,483	180.89	7,436	12,208
180.38	6,901	8,552	180.90	7,447	12,282
180.39	6,911	8,621	180.91	7,457	12,357
180.40	6,922	8,690	180.92	7,468	12,431
180.41	6,932	8,759	180.93	7,479	12,506
180.42	6,943	8,828	180.94	7,489	12,581
180.43	6,954	8,898	180.95	7,499	12,656
180.44	6,964	8,968	180.96	7,510	12,731
180.45	6,974	9,037	180.97	7,520	12,806
180.46	6,985	9,107	180.98	7,531	12,881
180.47	6,995	9,177	180.99	7,542	12,957
180.48	7,006	9,247	181.00	7,552	13,032
180.49	7,017	9,317	181.01	7,563	13,108
180.50	7,027	9,387	181.02	7,574	13,183
180.51	7,037	9,458	181.03	7,585	13,259
180.52	7,048	9,528	181.04	7,596	13,335
180.53	7,059	9,599	181.05	7,607	13,411
180.54	7,069	9,669	181.06	7,618	13,487
180.55	7,080	9,740	181.07	7,629	13,563

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	7,640	13,640	181.60	8,216	17,762
181.09	7,652	13,716	181.61	8,227	17,844
181.10	7,663	13,793	181.62	8,238	17,927
181.11	7,674	13,869	181.63	8,249	18,009
181.12	7,685	13,946	181.64	8,260	18,092
181.13	7,696	14,023	181.65	8,271	18,174
181.14	7,707	14,100	181.66	8,282	18,257
181.15	7,718	14,177	181.67	8,293	18,340
181.16	7,729	14,254	181.68	8,304	18,423
181.17	7,740	14,332	181.69	8,315	18,506
181.18	7,751	14,409	181.70	8,326	18,589
181.19	7,762	14,487	181.71	8,337	18,673
181.20	7,773	14,565	181.72	8,348	18,756
181.21	7,784	14,642	181.73	8,359	18,840
181.22	7,795	14,720	181.74	8,370	18,923
181.23	7,806	14,798	181.75	8,382	19,007
181.24	7,817	14,876	181.76	8,393	19,091
181.25	7,829	14,955	181.77	8,404	19,175
181.26	7,840	15,033	181.78	8,415	19,259
181.27	7,851	15,111	181.79	8,426	19,343
181.28	7,862	15,190	181.80	8,437	19,428
181.29	7,873	15,269	181.81	8,448	19,512
181.30	7,884	15,347	181.82	8,459	19,596
181.31	7,895	15,426	181.83	8,470	19,681
181.32	7,906	15,505	181.84	8,481	19,766
181.33	7,917	15,584	181.85	8,492	19,851
181.34	7,928	15,664	181.86	8,503	19,936
181.35	7,939	15,743	181.87	8,514	20,021
181.36	7,950	15,822	181.88	8,525	20,106
181.37	7,961	15,902	181.89	8,536	20,191
181.38	7,972	15,982	181.90	8,547	20,277
181.39	7,983	16,061	181.91	8,558	20,362
181.40	7,994	16,141	181.92	8,570	20,448
181.41	8,005	16,221	181.93	8,581	20,534
181.42	8,017	16,301	181.94	8,592	20,620
181.43	8,028	16,382	181.95	8,603	20,705
181.44	8,039	16,462	181.96	8,614	20,792
181.45	8,050	16,542	181.97	8,625	20,878
181.46	8,061	16,623	181.98	8,636	20,964
181.47	8,072	16,704	181.99	8,647	21,050
181.48	8,083	16,784	182.00	8,658	21,137
181.49	8,094	16,865	182.01	8,670	21,224
181.50	8,105	16,946	182.02	8,681	21,310
181.51	8,116	17,027	182.03	8,693	21,397
181.52	8,127	17,109	182.04	8,705	21,484
181.53	8,138	17,190	182.05	8,716	21,571
181.54	8,149	17,271	182.06	8,728	21,659
181.55	8,160	17,353	182.07	8,739	21,746
181.56	8,171	17,435	182.08	8,751	21,833
181.57	8,182	17,516	182.09	8,763	21,921
181.58	8,193	17,598	182.10	8,774	22,009
181.59	8,205	17,680	182.11	8,786	22,096

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	8,798	22,184	182.64	9,402	26,916
182.13	8,809	22,272	182.65	9,414	27,010
182.14	8,821	22,361	182.66	9,426	27,105
182.15	8,832	22,449	182.67	9,437	27,199
182.16	8,844	22,537	182.68	9,449	27,293
182.17	8,856	22,626	182.69	9,460	27,388
182.18	8,867	22,714	182.70	9,472	27,483
182.19	8,879	22,803	182.71	9,484	27,577
182.20	8,891	22,892	182.72	9,495	27,672
182.21	8,902	22,981	182.73	9,507	27,767
182.22	8,914	23,070	182.74	9,519	27,862
182.23	8,925	23,159	182.75	9,530	27,958
182.24	8,937	23,248	182.76	9,542	28,053
182.25	8,949	23,338	182.77	9,554	28,148
182.26	8,960	23,427	182.78	9,565	28,244
182.27	8,972	23,517	182.79	9,577	28,340
182.28	8,984	23,607	182.80	9,588	28,436
182.29	8,995	23,697	182.81	9,600	28,532
182.30	9,007	23,787	182.82	9,612	28,628
182.31	9,019	23,877	182.83	9,623	28,724
182.32	9,030	23,967	182.84	9,635	28,820
182.33	9,042	24,057	182.85	9,647	28,916
182.34	9,053	24,148	182.86	9,658	29,013
182.35	9,065	24,239	182.87	9,670	29,110
182.36	9,077	24,329	182.88	9,681	29,206
182.37	9,088	24,420	182.89	9,693	29,303
182.38	9,100	24,511	182.90	9,705	29,400
182.39	9,112	24,602	182.91	9,716	29,497
182.40	9,123	24,693	182.92	9,728	29,595
182.41	9,135	24,785	182.93	9,740	29,692
182.42	9,146	24,876	182.94	9,751	29,789
182.43	9,158	24,967	182.95	9,763	29,887
182.44	9,170	25,059	182.96	9,774	29,985
182.45	9,181	25,151	182.97	9,786	30,082
182.46	9,193	25,243	182.98	9,798	30,180
182.47	9,205	25,335	182.99	9,809	30,278
182.48	9,216	25,427	183.00	9,821	30,377
182.49	9,228	25,519			
182.50	9,240	25,611			
182.51	9,251	25,704			
182.52	9,263	25,796			
182.53	9,274	25,889			
182.54	9,286	25,982			
182.55	9,298	26,075			
182.56	9,309	26,168			
182.57	9,321	26,261			
182.58	9,333	26,354			
182.59	9,344	26,448			
182.60	9,356	26,541			
182.61	9,367	26,635			
182.62	9,379	26,728			
182.63	9,391	26,822			

Summary for Pond B-17B: Basin #17B

Inflow Area = 1.385 ac, 37.11% Impervious, Inflow Depth = 2.28" for Future 2 yr event
 Inflow = 3.20 cfs @ 12.17 hrs, Volume= 0.263 af
 Outflow = 0.13 cfs @ 15.02 hrs, Volume= 0.197 af, Atten= 96%, Lag= 170.8 min
 Primary = 0.13 cfs @ 15.02 hrs, Volume= 0.197 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.05' @ 15.02 hrs Surf.Area= 8,090 sf Storage= 7,817 cf

Plug-Flow detention time= 651.7 min calculated for 0.197 af (75% of inflow)
 Center-of-Mass det. time= 556.7 min (1,355.5 - 798.8)

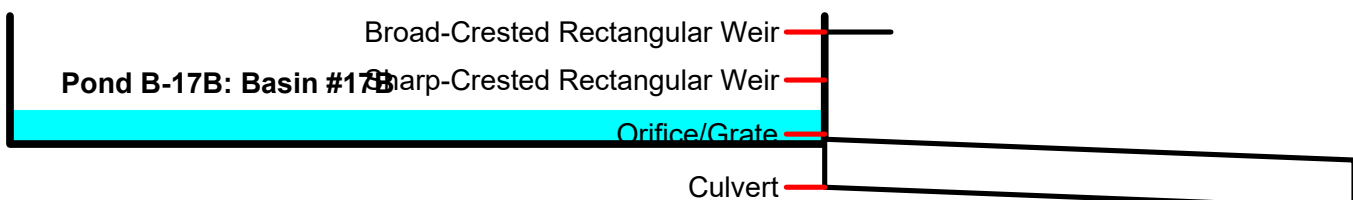
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	37,242 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	6,855	0	0
180.00	8,033	7,444	7,444
181.00	9,268	8,651	16,095
182.00	10,560	9,914	26,009
183.00	11,907	11,234	37,242

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.31'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

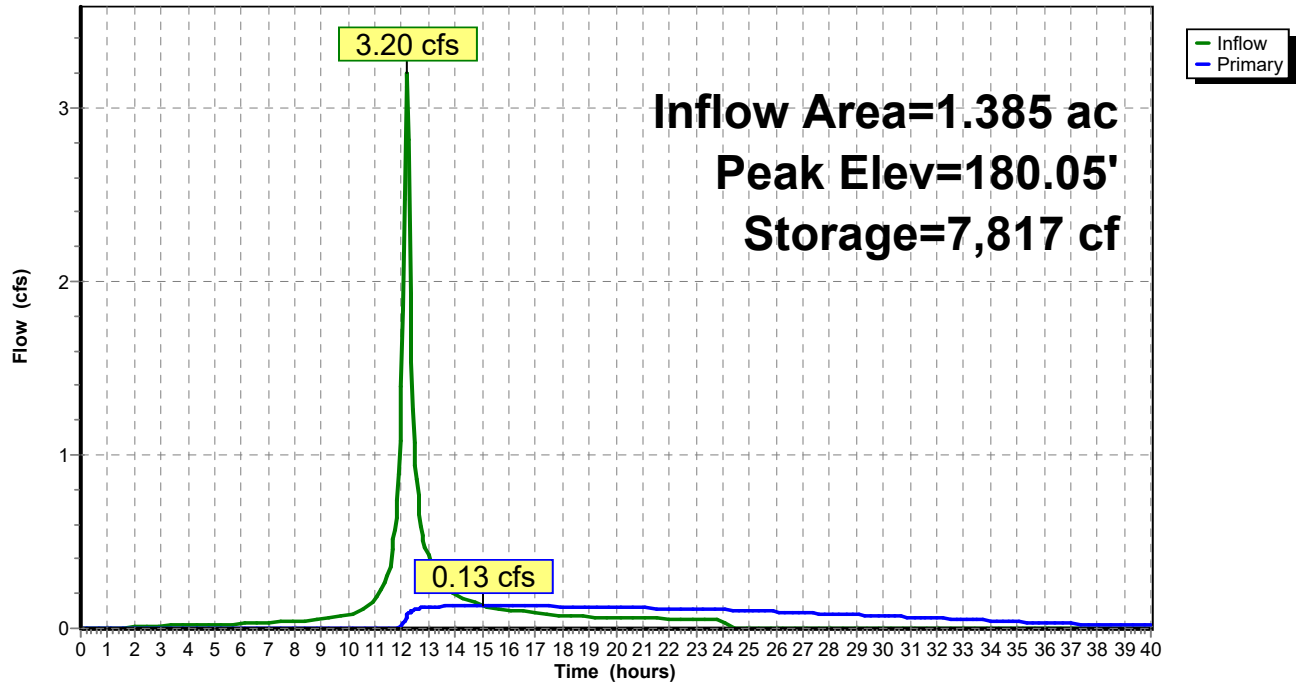
Primary OutFlow Max=0.13 cfs @ 15.02 hrs HW=180.05' (Free Discharge)

1=Culvert (Passes 0.13 cfs of 10.92 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.83 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-17B: Basin #17B

Hydrograph



Hydrograph for Pond B-17B: Basin #17B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	0	179.00	0.00
1.10	0.00	0	179.00	0.00
1.20	0.00	0	179.00	0.00
1.30	0.00	1	179.00	0.00
1.40	0.00	1	179.00	0.00
1.50	0.00	2	179.00	0.00
1.60	0.00	4	179.00	0.00
1.70	0.00	5	179.00	0.00
1.80	0.01	7	179.00	0.00
1.90	0.01	9	179.00	0.00
2.00	0.01	12	179.00	0.00
2.10	0.01	14	179.00	0.00
2.20	0.01	17	179.00	0.00
2.30	0.01	21	179.00	0.00
2.40	0.01	24	179.00	0.00
2.50	0.01	28	179.00	0.00
2.60	0.01	31	179.00	0.00
2.70	0.01	35	179.01	0.00
2.80	0.01	40	179.01	0.00
2.90	0.01	44	179.01	0.00
3.00	0.01	49	179.01	0.00
3.10	0.01	54	179.01	0.00
3.20	0.01	59	179.01	0.00
3.30	0.01	64	179.01	0.00
3.40	0.02	69	179.01	0.00
3.50	0.02	75	179.01	0.00
3.60	0.02	81	179.01	0.00
3.70	0.02	87	179.01	0.00
3.80	0.02	93	179.01	0.00
3.90	0.02	99	179.01	0.00
4.00	0.02	105	179.02	0.00
4.10	0.02	112	179.02	0.00
4.20	0.02	119	179.02	0.00
4.30	0.02	126	179.02	0.00
4.40	0.02	133	179.02	0.00
4.50	0.02	140	179.02	0.00
4.60	0.02	147	179.02	0.00
4.70	0.02	155	179.02	0.00
4.80	0.02	162	179.02	0.00
4.90	0.02	170	179.02	0.00
5.00	0.02	178	179.03	0.00
5.10	0.02	186	179.03	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	194	179.03	0.00
5.30	0.02	202	179.03	0.00
5.40	0.02	211	179.03	0.00
5.50	0.02	219	179.03	0.00
5.60	0.02	228	179.03	0.00
5.70	0.02	237	179.03	0.00
5.80	0.02	246	179.04	0.00
5.90	0.03	255	179.04	0.00
6.00	0.03	264	179.04	0.00
6.10	0.03	273	179.04	0.00
6.20	0.03	283	179.04	0.00
6.30	0.03	292	179.04	0.00
6.40	0.03	303	179.04	0.00
6.50	0.03	313	179.05	0.00
6.60	0.03	324	179.05	0.00
6.70	0.03	335	179.05	0.00
6.80	0.03	346	179.05	0.00
6.90	0.03	357	179.05	0.00
7.00	0.03	369	179.05	0.00
7.10	0.03	381	179.06	0.00
7.20	0.04	394	179.06	0.00
7.30	0.04	407	179.06	0.00
7.40	0.04	420	179.06	0.00
7.50	0.04	433	179.06	0.00
7.60	0.04	447	179.06	0.00
7.70	0.04	461	179.07	0.00
7.80	0.04	475	179.07	0.00
7.90	0.04	490	179.07	0.00
8.00	0.04	505	179.07	0.00
8.10	0.04	520	179.08	0.00
8.20	0.04	535	179.08	0.00
8.30	0.04	551	179.08	0.00
8.40	0.05	567	179.08	0.00
8.50	0.05	584	179.08	0.00
8.60	0.05	601	179.09	0.00
8.70	0.05	618	179.09	0.00
8.80	0.05	635	179.09	0.00
8.90	0.05	653	179.09	0.00
9.00	0.05	671	179.10	0.00
9.10	0.05	689	179.10	0.00
9.20	0.05	708	179.10	0.00
9.30	0.06	728	179.11	0.00
9.40	0.06	750	179.11	0.00
9.50	0.06	772	179.11	0.00
9.60	0.07	795	179.11	0.00
9.70	0.07	819	179.12	0.00
9.80	0.07	845	179.12	0.00
9.90	0.07	871	179.13	0.00
10.00	0.08	898	179.13	0.00
10.10	0.08	927	179.13	0.00
10.20	0.08	957	179.14	0.00
10.30	0.09	988	179.14	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.09	1,021	179.15	0.00
10.50	0.10	1,056	179.15	0.00
10.60	0.11	1,092	179.16	0.00
10.70	0.12	1,132	179.16	0.00
10.80	0.13	1,177	179.17	0.00
10.90	0.15	1,228	179.18	0.00
11.00	0.16	1,284	179.18	0.00
11.10	0.18	1,346	179.19	0.00
11.20	0.21	1,417	179.20	0.00
11.30	0.24	1,498	179.21	0.00
11.40	0.27	1,591	179.23	0.00
11.50	0.31	1,696	179.24	0.00
11.60	0.38	1,817	179.26	0.00
11.70	0.51	1,979	179.28	0.00
11.80	0.64	2,183	179.31	0.00
11.90	0.88	2,453	179.35	0.00
12.00	1.39	2,849	179.40	0.01
12.10	2.48	3,518	179.49	0.05
12.20	3.12	4,562	179.63	0.08
12.30	1.93	5,439	179.75	0.09
12.40	1.26	5,968	179.81	0.10
12.50	0.94	6,320	179.86	0.11
12.60	0.77	6,589	179.89	0.11
12.70	0.58	6,788	179.92	0.12
12.80	0.50	6,940	179.94	0.12
12.90	0.46	7,070	179.95	0.12
13.00	0.41	7,183	179.97	0.12
13.10	0.37	7,279	179.98	0.12
13.20	0.33	7,361	179.99	0.12
13.30	0.31	7,431	180.00	0.13
13.40	0.28	7,491	180.01	0.13
13.50	0.26	7,542	180.01	0.13
13.60	0.23	7,585	180.02	0.13
13.70	0.22	7,620	180.02	0.13
13.80	0.21	7,649	180.03	0.13
13.90	0.20	7,676	180.03	0.13
14.00	0.19	7,700	180.03	0.13
14.10	0.19	7,722	180.03	0.13
14.20	0.18	7,742	180.04	0.13
14.30	0.17	7,759	180.04	0.13
14.40	0.17	7,774	180.04	0.13
14.50	0.16	7,787	180.04	0.13
14.60	0.16	7,798	180.04	0.13
14.70	0.15	7,806	180.04	0.13
14.80	0.14	7,812	180.05	0.13
14.90	0.14	7,816	180.05	0.13
15.00	0.13	7,818	180.05	0.13
15.10	0.13	7,817	180.05	0.13
15.20	0.12	7,814	180.05	0.13
15.30	0.12	7,810	180.05	0.13
15.40	0.12	7,805	180.04	0.13
15.50	0.11	7,800	180.04	0.13

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.11	7,794	180.04	0.13
15.70	0.11	7,787	180.04	0.13
15.80	0.11	7,780	180.04	0.13
15.90	0.11	7,773	180.04	0.13
16.00	0.11	7,764	180.04	0.13
16.10	0.10	7,756	180.04	0.13
16.20	0.10	7,747	180.04	0.13
16.30	0.10	7,737	180.04	0.13
16.40	0.10	7,726	180.04	0.13
16.50	0.10	7,716	180.03	0.13
16.60	0.10	7,704	180.03	0.13
16.70	0.10	7,692	180.03	0.13
16.80	0.09	7,680	180.03	0.13
16.90	0.09	7,667	180.03	0.13
17.00	0.09	7,653	180.03	0.13
17.10	0.09	7,639	180.02	0.13
17.20	0.09	7,625	180.02	0.13
17.30	0.09	7,610	180.02	0.13
17.40	0.08	7,594	180.02	0.13
17.50	0.08	7,578	180.02	0.13
17.60	0.08	7,561	180.01	0.13
17.70	0.08	7,544	180.01	0.13
17.80	0.08	7,526	180.01	0.13
17.90	0.08	7,508	180.01	0.13
18.00	0.07	7,489	180.01	0.13
18.10	0.07	7,470	180.00	0.13
18.20	0.07	7,450	180.00	0.13
18.30	0.07	7,430	180.00	0.13
18.40	0.07	7,410	180.00	0.13
18.50	0.07	7,389	179.99	0.12
18.60	0.07	7,369	179.99	0.12
18.70	0.07	7,349	179.99	0.12
18.80	0.07	7,328	179.99	0.12
18.90	0.07	7,308	179.98	0.12
19.00	0.07	7,288	179.98	0.12
19.10	0.07	7,267	179.98	0.12
19.20	0.07	7,247	179.98	0.12
19.30	0.07	7,226	179.97	0.12
19.40	0.06	7,205	179.97	0.12
19.50	0.06	7,185	179.97	0.12
19.60	0.06	7,164	179.97	0.12
19.70	0.06	7,143	179.96	0.12
19.80	0.06	7,122	179.96	0.12
19.90	0.06	7,102	179.96	0.12
20.00	0.06	7,081	179.95	0.12
20.10	0.06	7,060	179.95	0.12
20.20	0.06	7,039	179.95	0.12
20.30	0.06	7,018	179.95	0.12
20.40	0.06	6,997	179.94	0.12
20.50	0.06	6,976	179.94	0.12
20.60	0.06	6,955	179.94	0.12
20.70	0.06	6,933	179.94	0.12

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	6,912	179.93	0.12
20.90	0.06	6,891	179.93	0.12
21.00	0.06	6,870	179.93	0.12
21.10	0.06	6,848	179.93	0.12
21.20	0.06	6,827	179.92	0.12
21.30	0.06	6,805	179.92	0.12
21.40	0.06	6,784	179.92	0.12
21.50	0.06	6,763	179.91	0.12
21.60	0.06	6,741	179.91	0.12
21.70	0.06	6,720	179.91	0.12
21.80	0.06	6,698	179.91	0.12
21.90	0.05	6,676	179.90	0.11
22.00	0.05	6,655	179.90	0.11
22.10	0.05	6,633	179.90	0.11
22.20	0.05	6,611	179.90	0.11
22.30	0.05	6,589	179.89	0.11
22.40	0.05	6,568	179.89	0.11
22.50	0.05	6,546	179.89	0.11
22.60	0.05	6,524	179.88	0.11
22.70	0.05	6,502	179.88	0.11
22.80	0.05	6,480	179.88	0.11
22.90	0.05	6,458	179.88	0.11
23.00	0.05	6,436	179.87	0.11
23.10	0.05	6,414	179.87	0.11
23.20	0.05	6,392	179.87	0.11
23.30	0.05	6,370	179.86	0.11
23.40	0.05	6,348	179.86	0.11
23.50	0.05	6,326	179.86	0.11
23.60	0.05	6,303	179.86	0.11
23.70	0.05	6,281	179.85	0.11
23.80	0.05	6,259	179.85	0.11
23.90	0.05	6,237	179.85	0.11
24.00	0.05	6,215	179.85	0.11
24.10	0.04	6,193	179.84	0.11
24.20	0.01	6,164	179.84	0.11
24.30	0.00	6,128	179.83	0.11
24.40	0.00	6,090	179.83	0.11
24.50	0.00	6,052	179.82	0.11
24.60	0.00	6,014	179.82	0.10
24.70	0.00	5,977	179.81	0.10
24.80	0.00	5,940	179.81	0.10
24.90	0.00	5,902	179.81	0.10
25.00	0.00	5,866	179.80	0.10
25.10	0.00	5,829	179.80	0.10
25.20	0.00	5,793	179.79	0.10
25.30	0.00	5,756	179.79	0.10
25.40	0.00	5,721	179.78	0.10
25.50	0.00	5,685	179.78	0.10
25.60	0.00	5,649	179.77	0.10
25.70	0.00	5,614	179.77	0.10
25.80	0.00	5,579	179.76	0.10
25.90	0.00	5,544	179.76	0.10

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,510	179.75	0.10
26.10	0.00	5,475	179.75	0.10
26.20	0.00	5,441	179.75	0.09
26.30	0.00	5,407	179.74	0.09
26.40	0.00	5,374	179.74	0.09
26.50	0.00	5,340	179.73	0.09
26.60	0.00	5,307	179.73	0.09
26.70	0.00	5,274	179.72	0.09
26.80	0.00	5,241	179.72	0.09
26.90	0.00	5,208	179.72	0.09
27.00	0.00	5,176	179.71	0.09
27.10	0.00	5,144	179.71	0.09
27.20	0.00	5,112	179.70	0.09
27.30	0.00	5,081	179.70	0.09
27.40	0.00	5,049	179.70	0.09
27.50	0.00	5,018	179.69	0.09
27.60	0.00	4,987	179.69	0.09
27.70	0.00	4,956	179.68	0.09
27.80	0.00	4,926	179.68	0.08
27.90	0.00	4,895	179.67	0.08
28.00	0.00	4,865	179.67	0.08
28.10	0.00	4,836	179.67	0.08
28.20	0.00	4,806	179.66	0.08
28.30	0.00	4,777	179.66	0.08
28.40	0.00	4,748	179.66	0.08
28.50	0.00	4,719	179.65	0.08
28.60	0.00	4,690	179.65	0.08
28.70	0.00	4,662	179.64	0.08
28.80	0.00	4,633	179.64	0.08
28.90	0.00	4,605	179.64	0.08
29.00	0.00	4,578	179.63	0.08
29.10	0.00	4,550	179.63	0.08
29.20	0.00	4,523	179.63	0.08
29.30	0.00	4,496	179.62	0.07
29.40	0.00	4,469	179.62	0.07
29.50	0.00	4,442	179.62	0.07
29.60	0.00	4,416	179.61	0.07
29.70	0.00	4,390	179.61	0.07
29.80	0.00	4,364	179.61	0.07
29.90	0.00	4,338	179.60	0.07
30.00	0.00	4,313	179.60	0.07
30.10	0.00	4,287	179.60	0.07
30.20	0.00	4,262	179.59	0.07
30.30	0.00	4,238	179.59	0.07
30.40	0.00	4,213	179.59	0.07
30.50	0.00	4,189	179.58	0.07
30.60	0.00	4,165	179.58	0.07
30.70	0.00	4,141	179.58	0.07
30.80	0.00	4,117	179.57	0.07
30.90	0.00	4,094	179.57	0.06
31.00	0.00	4,071	179.57	0.06
31.10	0.00	4,048	179.56	0.06

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,025	179.56	0.06
31.30	0.00	4,003	179.56	0.06
31.40	0.00	3,981	179.55	0.06
31.50	0.00	3,959	179.55	0.06
31.60	0.00	3,937	179.55	0.06
31.70	0.00	3,916	179.55	0.06
31.80	0.00	3,894	179.54	0.06
31.90	0.00	3,873	179.54	0.06
32.00	0.00	3,853	179.54	0.06
32.10	0.00	3,832	179.53	0.06
32.20	0.00	3,812	179.53	0.06
32.30	0.00	3,792	179.53	0.06
32.40	0.00	3,772	179.53	0.05
32.50	0.00	3,752	179.52	0.05
32.60	0.00	3,733	179.52	0.05
32.70	0.00	3,713	179.52	0.05
32.80	0.00	3,694	179.52	0.05
32.90	0.00	3,676	179.51	0.05
33.00	0.00	3,657	179.51	0.05
33.10	0.00	3,639	179.51	0.05
33.20	0.00	3,621	179.51	0.05
33.30	0.00	3,604	179.50	0.05
33.40	0.00	3,586	179.50	0.05
33.50	0.00	3,569	179.50	0.05
33.60	0.00	3,552	179.50	0.05
33.70	0.00	3,535	179.49	0.05
33.80	0.00	3,519	179.49	0.05
33.90	0.00	3,503	179.49	0.04
34.00	0.00	3,487	179.49	0.04
34.10	0.00	3,471	179.49	0.04
34.20	0.00	3,455	179.48	0.04
34.30	0.00	3,440	179.48	0.04
34.40	0.00	3,425	179.48	0.04
34.50	0.00	3,410	179.48	0.04
34.60	0.00	3,395	179.48	0.04
34.70	0.00	3,381	179.47	0.04
34.80	0.00	3,367	179.47	0.04
34.90	0.00	3,353	179.47	0.04
35.00	0.00	3,339	179.47	0.04
35.10	0.00	3,326	179.47	0.04
35.20	0.00	3,313	179.46	0.04
35.30	0.00	3,300	179.46	0.04
35.40	0.00	3,287	179.46	0.04
35.50	0.00	3,274	179.46	0.03
35.60	0.00	3,262	179.46	0.03
35.70	0.00	3,250	179.46	0.03
35.80	0.00	3,238	179.45	0.03
35.90	0.00	3,227	179.45	0.03
36.00	0.00	3,215	179.45	0.03
36.10	0.00	3,204	179.45	0.03
36.20	0.00	3,193	179.45	0.03
36.30	0.00	3,182	179.45	0.03

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,171	179.45	0.03
36.50	0.00	3,161	179.44	0.03
36.60	0.00	3,150	179.44	0.03
36.70	0.00	3,140	179.44	0.03
36.80	0.00	3,130	179.44	0.03
36.90	0.00	3,120	179.44	0.03
37.00	0.00	3,111	179.44	0.03
37.10	0.00	3,101	179.44	0.03
37.20	0.00	3,092	179.43	0.03
37.30	0.00	3,083	179.43	0.03
37.40	0.00	3,074	179.43	0.02
37.50	0.00	3,065	179.43	0.02
37.60	0.00	3,056	179.43	0.02
37.70	0.00	3,047	179.43	0.02
37.80	0.00	3,039	179.43	0.02
37.90	0.00	3,030	179.43	0.02
38.00	0.00	3,022	179.43	0.02
38.10	0.00	3,014	179.42	0.02
38.20	0.00	3,006	179.42	0.02
38.30	0.00	2,998	179.42	0.02
38.40	0.00	2,991	179.42	0.02
38.50	0.00	2,983	179.42	0.02
38.60	0.00	2,976	179.42	0.02
38.70	0.00	2,968	179.42	0.02
38.80	0.00	2,961	179.42	0.02
38.90	0.00	2,954	179.42	0.02
39.00	0.00	2,947	179.42	0.02
39.10	0.00	2,940	179.41	0.02
39.20	0.00	2,933	179.41	0.02
39.30	0.00	2,926	179.41	0.02
39.40	0.00	2,920	179.41	0.02
39.50	0.00	2,913	179.41	0.02
39.60	0.00	2,907	179.41	0.02
39.70	0.00	2,901	179.41	0.02
39.80	0.00	2,895	179.41	0.02
39.90	0.00	2,889	179.41	0.02
40.00	0.00	2,883	179.41	0.02

Stage-Discharge for Pond B-17B: Basin #17B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.05	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.06	180.09	0.13	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.07	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.18
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.14	180.71	0.19
179.16	0.00	179.68	0.08	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.09	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.15	180.82	0.19
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.10	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.00	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.11	180.42	0.16	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.01	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.20
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.02	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.03	179.98	0.12	180.50	0.17	181.02	0.24
179.47	0.04	179.99	0.12	180.51	0.17	181.03	0.28
179.48	0.04	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.17	181.07	0.45

Stage-Discharge for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14	182.12	14.91	182.64	23.69
181.09	0.56	181.61	6.28	182.13	15.09	182.65	24.39
181.10	0.62	181.62	6.43	182.14	15.28	182.66	25.11
181.11	0.69	181.63	6.58	182.15	15.47	182.67	25.85
181.12	0.75	181.64	6.73	182.16	15.67	182.68	26.62
181.13	0.82	181.65	6.88	182.17	15.86	182.69	27.40
181.14	0.90	181.66	7.03	182.18	16.05	182.70	28.21
181.15	0.97	181.67	7.18	182.19	16.24	182.71	29.08
181.16	1.05	181.68	7.33	182.20	16.44	182.72	29.97
181.17	1.13	181.69	7.49	182.21	16.61	182.73	30.89
181.18	1.21	181.70	7.64	182.22	16.63	182.74	31.83
181.19	1.29	181.71	7.80	182.23	16.65	182.75	32.80
181.20	1.38	181.72	7.95	182.24	16.67	182.76	33.79
181.21	1.47	181.73	8.11	182.25	16.70	182.77	34.81
181.22	1.56	181.74	8.27	182.26	16.72	182.78	35.86
181.23	1.65	181.75	8.43	182.27	16.74	182.79	36.92
181.24	1.74	181.76	8.59	182.28	16.76	182.80	38.02
181.25	1.84	181.77	8.75	182.29	16.78	182.81	39.13
181.26	1.93	181.78	8.91	182.30	16.80	182.82	40.28
181.27	2.03	181.79	9.07	182.31	16.82	182.83	41.44
181.28	2.14	181.80	9.24	182.32	16.85	182.84	42.63
181.29	2.24	181.81	9.40	182.33	16.87	182.85	43.85
181.30	2.34	181.82	9.57	182.34	16.89	182.86	45.08
181.31	2.45	181.83	9.74	182.35	16.91	182.87	46.35
181.32	2.56	181.84	9.90	182.36	16.93	182.88	47.63
181.33	2.67	181.85	10.07	182.37	16.95	182.89	48.94
181.34	2.78	181.86	10.24	182.38	16.97	182.90	50.28
181.35	2.89	181.87	10.41	182.39	17.00	182.91	51.67
181.36	3.00	181.88	10.58	182.40	17.02	182.92	53.08
181.37	3.12	181.89	10.75	182.41	17.04	182.93	54.52
181.38	3.24	181.90	10.92	182.42	17.06	182.94	55.98
181.39	3.35	181.91	11.10	182.43	17.08	182.95	57.47
181.40	3.47	181.92	11.27	182.44	17.10	182.96	58.99
181.41	3.60	181.93	11.45	182.45	17.12	182.97	60.53
181.42	3.72	181.94	11.62	182.46	17.14	182.98	62.10
181.43	3.84	181.95	11.80	182.47	17.17	182.99	63.69
181.44	3.97	181.96	11.97	182.48	17.19	183.00	65.31
181.45	4.09	181.97	12.15	182.49	17.21		
181.46	4.22	181.98	12.33	182.50	17.23		
181.47	4.35	181.99	12.51	182.51	17.37		
181.48	4.48	182.00	12.69	182.52	17.60		
181.49	4.61	182.01	12.87	182.53	17.90		
181.50	4.75	182.02	13.05	182.54	18.25		
181.51	4.88	182.03	13.23	182.55	18.64		
181.52	5.02	182.04	13.42	182.56	19.08		
181.53	5.15	182.05	13.60	182.57	19.55		
181.54	5.29	182.06	13.79	182.58	20.05		
181.55	5.43	182.07	13.97	182.59	20.59		
181.56	5.57	182.08	14.16	182.60	21.16		
181.57	5.71	182.09	14.34	182.61	21.75		
181.58	5.85	182.10	14.53	182.62	22.37		
181.59	5.99	182.11	14.72	182.63	23.02		

Stage-Area-Storage for Pond B-17B: Basin #17B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	6,855	0	179.52	7,468	3,724
179.01	6,867	69	179.53	7,479	3,799
179.02	6,879	137	179.54	7,491	3,873
179.03	6,890	206	179.55	7,503	3,948
179.04	6,902	275	179.56	7,515	4,024
179.05	6,914	344	179.57	7,526	4,099
179.06	6,926	413	179.58	7,538	4,174
179.07	6,937	483	179.59	7,550	4,249
179.08	6,949	552	179.60	7,562	4,325
179.09	6,961	622	179.61	7,574	4,401
179.10	6,973	691	179.62	7,585	4,477
179.11	6,985	761	179.63	7,597	4,552
179.12	6,996	831	179.64	7,609	4,628
179.13	7,008	901	179.65	7,621	4,705
179.14	7,020	971	179.66	7,632	4,781
179.15	7,032	1,042	179.67	7,644	4,857
179.16	7,043	1,112	179.68	7,656	4,934
179.17	7,055	1,182	179.69	7,668	5,010
179.18	7,067	1,253	179.70	7,680	5,087
179.19	7,079	1,324	179.71	7,691	5,164
179.20	7,091	1,395	179.72	7,703	5,241
179.21	7,102	1,466	179.73	7,715	5,318
179.22	7,114	1,537	179.74	7,727	5,395
179.23	7,126	1,608	179.75	7,739	5,473
179.24	7,138	1,679	179.76	7,750	5,550
179.25	7,150	1,751	179.77	7,762	5,628
179.26	7,161	1,822	179.78	7,774	5,705
179.27	7,173	1,894	179.79	7,786	5,783
179.28	7,185	1,966	179.80	7,797	5,861
179.29	7,197	2,037	179.81	7,809	5,939
179.30	7,208	2,110	179.82	7,821	6,017
179.31	7,220	2,182	179.83	7,833	6,095
179.32	7,232	2,254	179.84	7,845	6,174
179.33	7,244	2,326	179.85	7,856	6,252
179.34	7,256	2,399	179.86	7,868	6,331
179.35	7,267	2,471	179.87	7,880	6,410
179.36	7,279	2,544	179.88	7,892	6,489
179.37	7,291	2,617	179.89	7,903	6,567
179.38	7,303	2,690	179.90	7,915	6,647
179.39	7,314	2,763	179.91	7,927	6,726
179.40	7,326	2,836	179.92	7,939	6,805
179.41	7,338	2,910	179.93	7,951	6,885
179.42	7,350	2,983	179.94	7,962	6,964
179.43	7,362	3,057	179.95	7,974	7,044
179.44	7,373	3,130	179.96	7,986	7,124
179.45	7,385	3,204	179.97	7,998	7,204
179.46	7,397	3,278	179.98	8,009	7,284
179.47	7,409	3,352	179.99	8,021	7,364
179.48	7,420	3,426	180.00	8,033	7,444
179.49	7,432	3,500	180.01	8,045	7,524
179.50	7,444	3,575	180.02	8,058	7,605
179.51	7,456	3,649	180.03	8,070	7,686

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	8,082	7,766	180.56	8,725	12,136
180.05	8,095	7,847	180.57	8,737	12,223
180.06	8,107	7,928	180.58	8,749	12,311
180.07	8,119	8,009	180.59	8,762	12,398
180.08	8,132	8,091	180.60	8,774	12,486
180.09	8,144	8,172	180.61	8,786	12,574
180.10	8,156	8,253	180.62	8,799	12,662
180.11	8,169	8,335	180.63	8,811	12,750
180.12	8,181	8,417	180.64	8,823	12,838
180.13	8,194	8,499	180.65	8,836	12,926
180.14	8,206	8,581	180.66	8,848	13,015
180.15	8,218	8,663	180.67	8,860	13,103
180.16	8,231	8,745	180.68	8,873	13,192
180.17	8,243	8,827	180.69	8,885	13,281
180.18	8,255	8,910	180.70	8,897	13,370
180.19	8,268	8,993	180.71	8,910	13,459
180.20	8,280	9,075	180.72	8,922	13,548
180.21	8,292	9,158	180.73	8,935	13,637
180.22	8,305	9,241	180.74	8,947	13,727
180.23	8,317	9,324	180.75	8,959	13,816
180.24	8,329	9,407	180.76	8,972	13,906
180.25	8,342	9,491	180.77	8,984	13,996
180.26	8,354	9,574	180.78	8,996	14,085
180.27	8,366	9,658	180.79	9,009	14,175
180.28	8,379	9,742	180.80	9,021	14,266
180.29	8,391	9,826	180.81	9,033	14,356
180.30	8,404	9,909	180.82	9,046	14,446
180.31	8,416	9,994	180.83	9,058	14,537
180.32	8,428	10,078	180.84	9,070	14,627
180.33	8,441	10,162	180.85	9,083	14,718
180.34	8,453	10,247	180.86	9,095	14,809
180.35	8,465	10,331	180.87	9,107	14,900
180.36	8,478	10,416	180.88	9,120	14,991
180.37	8,490	10,501	180.89	9,132	15,082
180.38	8,502	10,586	180.90	9,145	15,174
180.39	8,515	10,671	180.91	9,157	15,265
180.40	8,527	10,756	180.92	9,169	15,357
180.41	8,539	10,841	180.93	9,182	15,449
180.42	8,552	10,927	180.94	9,194	15,541
180.43	8,564	11,012	180.95	9,206	15,633
180.44	8,576	11,098	180.96	9,219	15,725
180.45	8,589	11,184	180.97	9,231	15,817
180.46	8,601	11,270	180.98	9,243	15,909
180.47	8,613	11,356	180.99	9,256	16,002
180.48	8,626	11,442	181.00	9,268	16,095
180.49	8,638	11,528	181.01	9,281	16,187
180.50	8,651	11,615	181.02	9,294	16,280
180.51	8,663	11,701	181.03	9,307	16,373
180.52	8,675	11,788	181.04	9,320	16,466
180.53	8,688	11,875	181.05	9,333	16,560
180.54	8,700	11,962	181.06	9,346	16,653
180.55	8,712	12,049	181.07	9,358	16,746

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	9,371	16,840	181.60	10,043	21,888
181.09	9,384	16,934	181.61	10,056	21,988
181.10	9,397	17,028	181.62	10,069	22,089
181.11	9,410	17,122	181.63	10,082	22,190
181.12	9,423	17,216	181.64	10,095	22,291
181.13	9,436	17,310	181.65	10,108	22,392
181.14	9,449	17,405	181.66	10,121	22,493
181.15	9,462	17,499	181.67	10,134	22,594
181.16	9,475	17,594	181.68	10,147	22,695
181.17	9,488	17,689	181.69	10,159	22,797
181.18	9,501	17,784	181.70	10,172	22,899
181.19	9,513	17,879	181.71	10,185	23,000
181.20	9,526	17,974	181.72	10,198	23,102
181.21	9,539	18,069	181.73	10,211	23,204
181.22	9,552	18,165	181.74	10,224	23,307
181.23	9,565	18,260	181.75	10,237	23,409
181.24	9,578	18,356	181.76	10,250	23,511
181.25	9,591	18,452	181.77	10,263	23,614
181.26	9,604	18,548	181.78	10,276	23,717
181.27	9,617	18,644	181.79	10,289	23,819
181.28	9,630	18,740	181.80	10,302	23,922
181.29	9,643	18,837	181.81	10,315	24,025
181.30	9,656	18,933	181.82	10,327	24,129
181.31	9,669	19,030	181.83	10,340	24,232
181.32	9,681	19,126	181.84	10,353	24,335
181.33	9,694	19,223	181.85	10,366	24,439
181.34	9,707	19,320	181.86	10,379	24,543
181.35	9,720	19,417	181.87	10,392	24,647
181.36	9,733	19,515	181.88	10,405	24,751
181.37	9,746	19,612	181.89	10,418	24,855
181.38	9,759	19,710	181.90	10,431	24,959
181.39	9,772	19,807	181.91	10,444	25,063
181.40	9,785	19,905	181.92	10,457	25,168
181.41	9,798	20,003	181.93	10,470	25,272
181.42	9,811	20,101	181.94	10,482	25,377
181.43	9,824	20,199	181.95	10,495	25,482
181.44	9,836	20,297	181.96	10,508	25,587
181.45	9,849	20,396	181.97	10,521	25,692
181.46	9,862	20,494	181.98	10,534	25,798
181.47	9,875	20,593	181.99	10,547	25,903
181.48	9,888	20,692	182.00	10,560	26,009
181.49	9,901	20,791	182.01	10,573	26,114
181.50	9,914	20,890	182.02	10,587	26,220
181.51	9,927	20,989	182.03	10,600	26,326
181.52	9,940	21,089	182.04	10,614	26,432
181.53	9,953	21,188	182.05	10,627	26,538
181.54	9,966	21,288	182.06	10,641	26,645
181.55	9,979	21,387	182.07	10,654	26,751
181.56	9,992	21,487	182.08	10,668	26,858
181.57	10,004	21,587	182.09	10,681	26,964
181.58	10,017	21,687	182.10	10,695	27,071
181.59	10,030	21,787	182.11	10,708	27,178

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	10,722	27,285	182.64	11,422	33,043
182.13	10,735	27,393	182.65	11,436	33,157
182.14	10,749	27,500	182.66	11,449	33,271
182.15	10,762	27,608	182.67	11,462	33,386
182.16	10,776	27,715	182.68	11,476	33,501
182.17	10,789	27,823	182.69	11,489	33,616
182.18	10,802	27,931	182.70	11,503	33,731
182.19	10,816	28,039	182.71	11,516	33,846
182.20	10,829	28,147	182.72	11,530	33,961
182.21	10,843	28,256	182.73	11,543	34,076
182.22	10,856	28,364	182.74	11,557	34,192
182.23	10,870	28,473	182.75	11,570	34,307
182.24	10,883	28,582	182.76	11,584	34,423
182.25	10,897	28,691	182.77	11,597	34,539
182.26	10,910	28,800	182.78	11,611	34,655
182.27	10,924	28,909	182.79	11,624	34,771
182.28	10,937	29,018	182.80	11,638	34,888
182.29	10,951	29,128	182.81	11,651	35,004
182.30	10,964	29,237	182.82	11,665	35,121
182.31	10,978	29,347	182.83	11,678	35,237
182.32	10,991	29,457	182.84	11,691	35,354
182.33	11,005	29,567	182.85	11,705	35,471
182.34	11,018	29,677	182.86	11,718	35,588
182.35	11,031	29,787	182.87	11,732	35,705
182.36	11,045	29,897	182.88	11,745	35,823
182.37	11,058	30,008	182.89	11,759	35,940
182.38	11,072	30,119	182.90	11,772	36,058
182.39	11,085	30,229	182.91	11,786	36,176
182.40	11,099	30,340	182.92	11,799	36,294
182.41	11,112	30,451	182.93	11,813	36,412
182.42	11,126	30,563	182.94	11,826	36,530
182.43	11,139	30,674	182.95	11,840	36,648
182.44	11,153	30,785	182.96	11,853	36,767
182.45	11,166	30,897	182.97	11,867	36,885
182.46	11,180	31,009	182.98	11,880	37,004
182.47	11,193	31,120	182.99	11,894	37,123
182.48	11,207	31,232	183.00	11,907	37,242
182.49	11,220	31,345			
182.50	11,234	31,457			
182.51	11,247	31,569			
182.52	11,260	31,682			
182.53	11,274	31,794			
182.54	11,287	31,907			
182.55	11,301	32,020			
182.56	11,314	32,133			
182.57	11,328	32,247			
182.58	11,341	32,360			
182.59	11,355	32,473			
182.60	11,368	32,587			
182.61	11,382	32,701			
182.62	11,395	32,815			
182.63	11,409	32,929			

Summary for Pond B-2: Basin #2

Inflow Area = 1.894 ac, 38.23% Impervious, Inflow Depth = 2.30" for Future 2 yr event
 Inflow = 4.42 cfs @ 12.17 hrs, Volume= 0.363 af
 Outflow = 0.35 cfs @ 13.50 hrs, Volume= 0.269 af, Atten= 92%, Lag= 79.7 min
 Primary = 0.35 cfs @ 13.50 hrs, Volume= 0.269 af
 Routed to Pond B-1 : Basin #1

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 210.26' @ 13.50 hrs Surf.Area= 8,684 sf Storage= 10,221 cf

Plug-Flow detention time= 631.6 min calculated for 0.269 af (74% of inflow)
 Center-of-Mass det. time= 535.5 min (1,333.1 - 797.7)

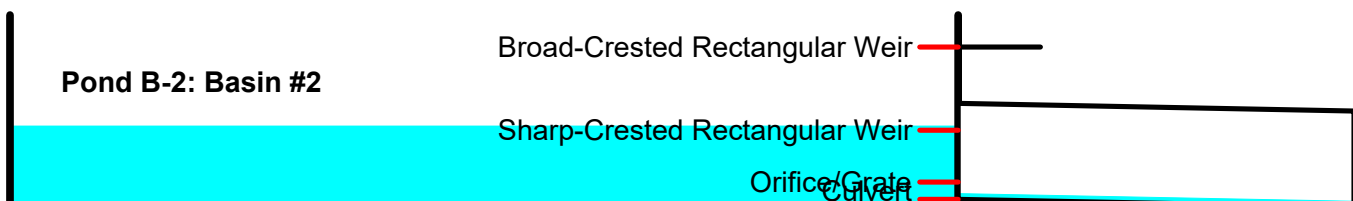
Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	26,760 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	7,501	0	0
210.00	8,431	7,966	7,966
211.00	9,390	8,911	16,877
212.00	10,376	9,883	26,760

Device	Routing	Invert	Outlet Devices
#1	Primary	209.12'	18.0" Round Culvert L= 24.0' Ke= 1.000 Inlet / Outlet Invert= 209.12' / 209.00' S= 0.0050 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	209.39'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	210.20'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

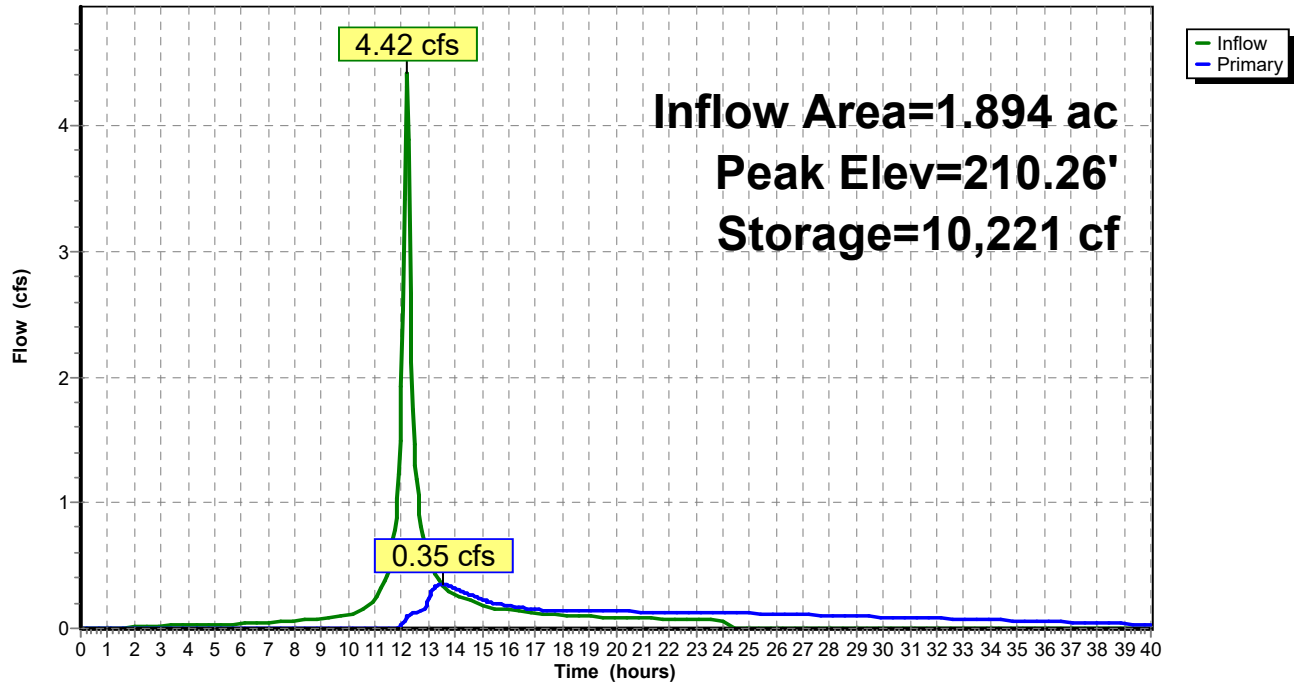
Primary OutFlow Max=0.35 cfs @ 13.50 hrs HW=210.26' (Free Discharge)

1=Culvert (Passes 0.35 cfs of 3.45 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.14 cfs @ 4.22 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.21 cfs @ 0.82 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-2: Basin #2

Hydrograph



Hydrograph for Pond B-2: Basin #2

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	0	209.00	0.00
1.00	0.00	0	209.00	0.00
1.10	0.00	0	209.00	0.00
1.20	0.00	0	209.00	0.00
1.30	0.00	1	209.00	0.00
1.40	0.00	2	209.00	0.00
1.50	0.00	3	209.00	0.00
1.60	0.01	5	209.00	0.00
1.70	0.01	7	209.00	0.00
1.80	0.01	10	209.00	0.00
1.90	0.01	13	209.00	0.00
2.00	0.01	17	209.00	0.00
2.10	0.01	20	209.00	0.00
2.20	0.01	24	209.00	0.00
2.30	0.01	29	209.00	0.00
2.40	0.01	34	209.00	0.00
2.50	0.01	39	209.01	0.00
2.60	0.02	44	209.01	0.00
2.70	0.02	50	209.01	0.00
2.80	0.02	56	209.01	0.00
2.90	0.02	62	209.01	0.00
3.00	0.02	69	209.01	0.00
3.10	0.02	76	209.01	0.00
3.20	0.02	83	209.01	0.00
3.30	0.02	90	209.01	0.00
3.40	0.02	98	209.01	0.00
3.50	0.02	106	209.01	0.00
3.60	0.02	114	209.02	0.00
3.70	0.02	122	209.02	0.00
3.80	0.02	131	209.02	0.00
3.90	0.02	139	209.02	0.00
4.00	0.03	148	209.02	0.00
4.10	0.03	158	209.02	0.00
4.20	0.03	167	209.02	0.00
4.30	0.03	177	209.02	0.00
4.40	0.03	187	209.02	0.00
4.50	0.03	197	209.03	0.00
4.60	0.03	207	209.03	0.00
4.70	0.03	218	209.03	0.00
4.80	0.03	229	209.03	0.00
4.90	0.03	240	209.03	0.00
5.00	0.03	251	209.03	0.00
5.10	0.03	262	209.03	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	273	209.04	0.00
5.30	0.03	285	209.04	0.00
5.40	0.03	297	209.04	0.00
5.50	0.03	309	209.04	0.00
5.60	0.03	321	209.04	0.00
5.70	0.03	334	209.04	0.00
5.80	0.04	346	209.05	0.00
5.90	0.04	359	209.05	0.00
6.00	0.04	372	209.05	0.00
6.10	0.04	385	209.05	0.00
6.20	0.04	398	209.05	0.00
6.30	0.04	412	209.05	0.00
6.40	0.04	426	209.06	0.00
6.50	0.04	441	209.06	0.00
6.60	0.04	456	209.06	0.00
6.70	0.04	471	209.06	0.00
6.80	0.04	487	209.06	0.00
6.90	0.05	503	209.07	0.00
7.00	0.05	520	209.07	0.00
7.10	0.05	537	209.07	0.00
7.20	0.05	555	209.07	0.00
7.30	0.05	573	209.08	0.00
7.40	0.05	591	209.08	0.00
7.50	0.05	610	209.08	0.00
7.60	0.05	629	209.08	0.00
7.70	0.06	649	209.09	0.00
7.80	0.06	669	209.09	0.00
7.90	0.06	690	209.09	0.00
8.00	0.06	711	209.09	0.00
8.10	0.06	732	209.10	0.00
8.20	0.06	754	209.10	0.00
8.30	0.06	776	209.10	0.00
8.40	0.06	799	209.11	0.00
8.50	0.07	822	209.11	0.00
8.60	0.07	846	209.11	0.00
8.70	0.07	870	209.12	0.00
8.80	0.07	895	209.12	0.00
8.90	0.07	920	209.12	0.00
9.00	0.07	945	209.13	0.00
9.10	0.07	971	209.13	0.00
9.20	0.08	998	209.13	0.00
9.30	0.08	1,026	209.14	0.00
9.40	0.08	1,056	209.14	0.00
9.50	0.09	1,087	209.14	0.00
9.60	0.09	1,120	209.15	0.00
9.70	0.10	1,154	209.15	0.00
9.80	0.10	1,190	209.16	0.00
9.90	0.11	1,227	209.16	0.00
10.00	0.11	1,265	209.17	0.00
10.10	0.11	1,306	209.17	0.00
10.20	0.12	1,348	209.18	0.00
10.30	0.13	1,392	209.18	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,438	209.19	0.00
10.50	0.14	1,487	209.20	0.00
10.60	0.15	1,538	209.20	0.00
10.70	0.17	1,595	209.21	0.00
10.80	0.19	1,658	209.22	0.00
10.90	0.21	1,728	209.23	0.00
11.00	0.23	1,807	209.24	0.00
11.10	0.26	1,894	209.25	0.00
11.20	0.29	1,993	209.26	0.00
11.30	0.34	2,106	209.28	0.00
11.40	0.38	2,236	209.29	0.00
11.50	0.43	2,382	209.31	0.00
11.60	0.53	2,551	209.33	0.00
11.70	0.71	2,776	209.36	0.00
11.80	0.88	3,060	209.40	0.00
11.90	1.23	3,434	209.45	0.01
12.00	1.93	3,982	209.51	0.03
12.10	3.42	4,905	209.63	0.06
12.20	4.30	6,349	209.81	0.09
12.30	2.66	7,564	209.95	0.11
12.40	1.74	8,300	210.04	0.12
12.50	1.29	8,793	210.10	0.13
12.60	1.06	9,171	210.14	0.13
12.70	0.80	9,455	210.17	0.14
12.80	0.69	9,673	210.20	0.14
12.90	0.63	9,852	210.22	0.19
13.00	0.57	9,991	210.24	0.24
13.10	0.51	10,090	210.25	0.29
13.20	0.46	10,154	210.26	0.32
13.30	0.42	10,194	210.26	0.34
13.40	0.39	10,215	210.26	0.35
13.50	0.35	10,221	210.26	0.35
13.60	0.32	10,216	210.26	0.35
13.70	0.30	10,202	210.26	0.34
13.80	0.28	10,185	210.26	0.33
13.90	0.27	10,167	210.26	0.32
14.00	0.27	10,149	210.26	0.31
14.10	0.26	10,131	210.25	0.31
14.20	0.25	10,113	210.25	0.30
14.30	0.24	10,095	210.25	0.29
14.40	0.23	10,078	210.25	0.28
14.50	0.22	10,060	210.24	0.27
14.60	0.22	10,043	210.24	0.26
14.70	0.21	10,026	210.24	0.26
14.80	0.20	10,008	210.24	0.25
14.90	0.19	9,991	210.24	0.24
15.00	0.18	9,973	210.23	0.23
15.10	0.17	9,956	210.23	0.22
15.20	0.17	9,939	210.23	0.21
15.30	0.16	9,922	210.23	0.21
15.40	0.16	9,907	210.23	0.20
15.50	0.16	9,892	210.23	0.20

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	9,877	210.22	0.19
15.70	0.15	9,863	210.22	0.19
15.80	0.15	9,850	210.22	0.19
15.90	0.15	9,837	210.22	0.18
16.00	0.15	9,825	210.22	0.18
16.10	0.14	9,813	210.22	0.18
16.20	0.14	9,802	210.22	0.17
16.30	0.14	9,790	210.21	0.17
16.40	0.14	9,779	210.21	0.17
16.50	0.13	9,769	210.21	0.16
16.60	0.13	9,758	210.21	0.16
16.70	0.13	9,748	210.21	0.16
16.80	0.13	9,738	210.21	0.16
16.90	0.13	9,728	210.21	0.15
17.00	0.12	9,718	210.21	0.15
17.10	0.12	9,708	210.20	0.15
17.20	0.12	9,699	210.20	0.15
17.30	0.12	9,689	210.20	0.14
17.40	0.11	9,680	210.20	0.14
17.50	0.11	9,671	210.20	0.14
17.60	0.11	9,661	210.20	0.14
17.70	0.11	9,651	210.20	0.14
17.80	0.11	9,640	210.20	0.14
17.90	0.10	9,628	210.19	0.14
18.00	0.10	9,615	210.19	0.14
18.10	0.10	9,601	210.19	0.14
18.20	0.10	9,587	210.19	0.14
18.30	0.10	9,572	210.19	0.14
18.40	0.09	9,557	210.19	0.14
18.50	0.09	9,542	210.18	0.14
18.60	0.09	9,527	210.18	0.14
18.70	0.09	9,512	210.18	0.14
18.80	0.09	9,496	210.18	0.14
18.90	0.09	9,480	210.18	0.14
19.00	0.09	9,465	210.18	0.14
19.10	0.09	9,449	210.17	0.14
19.20	0.09	9,433	210.17	0.14
19.30	0.09	9,416	210.17	0.13
19.40	0.09	9,400	210.17	0.13
19.50	0.09	9,384	210.17	0.13
19.60	0.09	9,367	210.16	0.13
19.70	0.09	9,350	210.16	0.13
19.80	0.09	9,334	210.16	0.13
19.90	0.09	9,317	210.16	0.13
20.00	0.09	9,300	210.16	0.13
20.10	0.09	9,282	210.15	0.13
20.20	0.08	9,265	210.15	0.13
20.30	0.08	9,248	210.15	0.13
20.40	0.08	9,230	210.15	0.13
20.50	0.08	9,212	210.15	0.13
20.60	0.08	9,194	210.14	0.13
20.70	0.08	9,176	210.14	0.13

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	9,158	210.14	0.13
20.90	0.08	9,140	210.14	0.13
21.00	0.08	9,122	210.14	0.13
21.10	0.08	9,103	210.13	0.13
21.20	0.08	9,084	210.13	0.13
21.30	0.08	9,066	210.13	0.13
21.40	0.08	9,047	210.13	0.13
21.50	0.08	9,028	210.13	0.13
21.60	0.08	9,009	210.12	0.13
21.70	0.08	8,989	210.12	0.13
21.80	0.08	8,970	210.12	0.13
21.90	0.08	8,950	210.12	0.13
22.00	0.07	8,931	210.11	0.13
22.10	0.07	8,911	210.11	0.13
22.20	0.07	8,891	210.11	0.13
22.30	0.07	8,871	210.11	0.13
22.40	0.07	8,851	210.10	0.13
22.50	0.07	8,831	210.10	0.13
22.60	0.07	8,811	210.10	0.13
22.70	0.07	8,790	210.10	0.13
22.80	0.07	8,770	210.09	0.13
22.90	0.07	8,749	210.09	0.13
23.00	0.07	8,728	210.09	0.13
23.10	0.07	8,707	210.09	0.13
23.20	0.07	8,686	210.08	0.13
23.30	0.07	8,665	210.08	0.13
23.40	0.07	8,644	210.08	0.13
23.50	0.07	8,622	210.08	0.13
23.60	0.07	8,601	210.07	0.13
23.70	0.06	8,579	210.07	0.12
23.80	0.06	8,557	210.07	0.12
23.90	0.06	8,535	210.07	0.12
24.00	0.07	8,514	210.06	0.12
24.10	0.06	8,493	210.06	0.12
24.20	0.02	8,461	210.06	0.12
24.30	0.00	8,420	210.05	0.12
24.40	0.00	8,376	210.05	0.12
24.50	0.00	8,333	210.04	0.12
24.60	0.00	8,289	210.04	0.12
24.70	0.00	8,245	210.03	0.12
24.80	0.00	8,202	210.03	0.12
24.90	0.00	8,159	210.02	0.12
25.00	0.00	8,116	210.02	0.12
25.10	0.00	8,074	210.01	0.12
25.20	0.00	8,031	210.01	0.12
25.30	0.00	7,989	210.00	0.12
25.40	0.00	7,947	210.00	0.12
25.50	0.00	7,905	209.99	0.12
25.60	0.00	7,863	209.99	0.12
25.70	0.00	7,822	209.98	0.11
25.80	0.00	7,781	209.98	0.11
25.90	0.00	7,740	209.97	0.11

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,699	209.97	0.11
26.10	0.00	7,658	209.96	0.11
26.20	0.00	7,618	209.96	0.11
26.30	0.00	7,578	209.95	0.11
26.40	0.00	7,538	209.95	0.11
26.50	0.00	7,498	209.94	0.11
26.60	0.00	7,459	209.94	0.11
26.70	0.00	7,419	209.93	0.11
26.80	0.00	7,380	209.93	0.11
26.90	0.00	7,341	209.93	0.11
27.00	0.00	7,303	209.92	0.11
27.10	0.00	7,264	209.92	0.11
27.20	0.00	7,226	209.91	0.11
27.30	0.00	7,188	209.91	0.11
27.40	0.00	7,150	209.90	0.10
27.50	0.00	7,112	209.90	0.10
27.60	0.00	7,075	209.89	0.10
27.70	0.00	7,038	209.89	0.10
27.80	0.00	7,000	209.88	0.10
27.90	0.00	6,964	209.88	0.10
28.00	0.00	6,927	209.88	0.10
28.10	0.00	6,891	209.87	0.10
28.20	0.00	6,854	209.87	0.10
28.30	0.00	6,818	209.86	0.10
28.40	0.00	6,783	209.86	0.10
28.50	0.00	6,747	209.85	0.10
28.60	0.00	6,712	209.85	0.10
28.70	0.00	6,677	209.85	0.10
28.80	0.00	6,642	209.84	0.10
28.90	0.00	6,607	209.84	0.10
29.00	0.00	6,573	209.83	0.10
29.10	0.00	6,538	209.83	0.09
29.20	0.00	6,504	209.82	0.09
29.30	0.00	6,470	209.82	0.09
29.40	0.00	6,437	209.82	0.09
29.50	0.00	6,403	209.81	0.09
29.60	0.00	6,370	209.81	0.09
29.70	0.00	6,337	209.80	0.09
29.80	0.00	6,304	209.80	0.09
29.90	0.00	6,272	209.80	0.09
30.00	0.00	6,239	209.79	0.09
30.10	0.00	6,207	209.79	0.09
30.20	0.00	6,175	209.79	0.09
30.30	0.00	6,143	209.78	0.09
30.40	0.00	6,112	209.78	0.09
30.50	0.00	6,080	209.77	0.09
30.60	0.00	6,049	209.77	0.09
30.70	0.00	6,018	209.77	0.09
30.80	0.00	5,988	209.76	0.08
30.90	0.00	5,957	209.76	0.08
31.00	0.00	5,927	209.75	0.08
31.10	0.00	5,897	209.75	0.08

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,867	209.75	0.08
31.30	0.00	5,837	209.74	0.08
31.40	0.00	5,808	209.74	0.08
31.50	0.00	5,779	209.74	0.08
31.60	0.00	5,750	209.73	0.08
31.70	0.00	5,721	209.73	0.08
31.80	0.00	5,692	209.73	0.08
31.90	0.00	5,664	209.72	0.08
32.00	0.00	5,636	209.72	0.08
32.10	0.00	5,608	209.72	0.08
32.20	0.00	5,580	209.71	0.08
32.30	0.00	5,553	209.71	0.08
32.40	0.00	5,526	209.71	0.08
32.50	0.00	5,499	209.70	0.07
32.60	0.00	5,472	209.70	0.07
32.70	0.00	5,445	209.70	0.07
32.80	0.00	5,419	209.69	0.07
32.90	0.00	5,392	209.69	0.07
33.00	0.00	5,366	209.69	0.07
33.10	0.00	5,341	209.68	0.07
33.20	0.00	5,315	209.68	0.07
33.30	0.00	5,290	209.68	0.07
33.40	0.00	5,265	209.67	0.07
33.50	0.00	5,240	209.67	0.07
33.60	0.00	5,215	209.67	0.07
33.70	0.00	5,191	209.66	0.07
33.80	0.00	5,166	209.66	0.07
33.90	0.00	5,142	209.66	0.07
34.00	0.00	5,118	209.66	0.07
34.10	0.00	5,095	209.65	0.07
34.20	0.00	5,071	209.65	0.06
34.30	0.00	5,048	209.65	0.06
34.40	0.00	5,025	209.64	0.06
34.50	0.00	5,002	209.64	0.06
34.60	0.00	4,980	209.64	0.06
34.70	0.00	4,958	209.64	0.06
34.80	0.00	4,935	209.63	0.06
34.90	0.00	4,914	209.63	0.06
35.00	0.00	4,892	209.63	0.06
35.10	0.00	4,870	209.63	0.06
35.20	0.00	4,849	209.62	0.06
35.30	0.00	4,828	209.62	0.06
35.40	0.00	4,807	209.62	0.06
35.50	0.00	4,787	209.61	0.06
35.60	0.00	4,766	209.61	0.06
35.70	0.00	4,746	209.61	0.06
35.80	0.00	4,726	209.61	0.06
35.90	0.00	4,707	209.60	0.05
36.00	0.00	4,687	209.60	0.05
36.10	0.00	4,668	209.60	0.05
36.20	0.00	4,649	209.60	0.05
36.30	0.00	4,630	209.60	0.05

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,611	209.59	0.05
36.50	0.00	4,593	209.59	0.05
36.60	0.00	4,574	209.59	0.05
36.70	0.00	4,556	209.59	0.05
36.80	0.00	4,539	209.58	0.05
36.90	0.00	4,521	209.58	0.05
37.00	0.00	4,504	209.58	0.05
37.10	0.00	4,487	209.58	0.05
37.20	0.00	4,470	209.58	0.05
37.30	0.00	4,453	209.57	0.05
37.40	0.00	4,437	209.57	0.05
37.50	0.00	4,420	209.57	0.04
37.60	0.00	4,404	209.57	0.04
37.70	0.00	4,388	209.57	0.04
37.80	0.00	4,373	209.56	0.04
37.90	0.00	4,358	209.56	0.04
38.00	0.00	4,343	209.56	0.04
38.10	0.00	4,328	209.56	0.04
38.20	0.00	4,313	209.56	0.04
38.30	0.00	4,299	209.55	0.04
38.40	0.00	4,285	209.55	0.04
38.50	0.00	4,271	209.55	0.04
38.60	0.00	4,257	209.55	0.04
38.70	0.00	4,243	209.55	0.04
38.80	0.00	4,230	209.55	0.04
38.90	0.00	4,217	209.54	0.04
39.00	0.00	4,204	209.54	0.04
39.10	0.00	4,192	209.54	0.03
39.20	0.00	4,179	209.54	0.03
39.30	0.00	4,167	209.54	0.03
39.40	0.00	4,155	209.54	0.03
39.50	0.00	4,143	209.53	0.03
39.60	0.00	4,131	209.53	0.03
39.70	0.00	4,120	209.53	0.03
39.80	0.00	4,108	209.53	0.03
39.90	0.00	4,097	209.53	0.03
40.00	0.00	4,086	209.53	0.03

Stage-Discharge for Pond B-2: Basin #2

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.03	210.04	0.12	210.56	2.94
209.01	0.00	209.53	0.03	210.05	0.12	210.57	3.06
209.02	0.00	209.54	0.03	210.06	0.12	210.58	3.18
209.03	0.00	209.55	0.04	210.07	0.12	210.59	3.30
209.04	0.00	209.56	0.04	210.08	0.13	210.60	3.42
209.05	0.00	209.57	0.05	210.09	0.13	210.61	3.54
209.06	0.00	209.58	0.05	210.10	0.13	210.62	3.66
209.07	0.00	209.59	0.05	210.11	0.13	210.63	3.78
209.08	0.00	209.60	0.05	210.12	0.13	210.64	3.91
209.09	0.00	209.61	0.06	210.13	0.13	210.65	4.04
209.10	0.00	209.62	0.06	210.14	0.13	210.66	4.16
209.11	0.00	209.63	0.06	210.15	0.13	210.67	4.29
209.12	0.00	209.64	0.06	210.16	0.13	210.68	4.42
209.13	0.00	209.65	0.06	210.17	0.13	210.69	4.56
209.14	0.00	209.66	0.07	210.18	0.14	210.70	4.69
209.15	0.00	209.67	0.07	210.19	0.14	210.71	4.82
209.16	0.00	209.68	0.07	210.20	0.14	210.72	4.96
209.17	0.00	209.69	0.07	210.21	0.15	210.73	5.10
209.18	0.00	209.70	0.07	210.22	0.18	210.74	5.23
209.19	0.00	209.71	0.08	210.23	0.21	210.75	5.37
209.20	0.00	209.72	0.08	210.24	0.25	210.76	5.51
209.21	0.00	209.73	0.08	210.25	0.29	210.77	5.65
209.22	0.00	209.74	0.08	210.26	0.34	210.78	5.80
209.23	0.00	209.75	0.08	210.27	0.39	210.79	5.94
209.24	0.00	209.76	0.08	210.28	0.44	210.80	6.08
209.25	0.00	209.77	0.09	210.29	0.50	210.81	6.16
209.26	0.00	209.78	0.09	210.30	0.56	210.82	6.20
209.27	0.00	209.79	0.09	210.31	0.62	210.83	6.25
209.28	0.00	209.80	0.09	210.32	0.69	210.84	6.29
209.29	0.00	209.81	0.09	210.33	0.76	210.85	6.32
209.30	0.00	209.82	0.09	210.34	0.83	210.86	6.35
209.31	0.00	209.83	0.10	210.35	0.91	210.87	6.38
209.32	0.00	209.84	0.10	210.36	0.98	210.88	6.41
209.33	0.00	209.85	0.10	210.37	1.06	210.89	6.45
209.34	0.00	209.86	0.10	210.38	1.14	210.90	6.48
209.35	0.00	209.87	0.10	210.39	1.23	210.91	6.51
209.36	0.00	209.88	0.10	210.40	1.31	210.92	6.54
209.37	0.00	209.89	0.10	210.41	1.40	210.93	6.57
209.38	0.00	209.90	0.10	210.42	1.49	210.94	6.60
209.39	0.00	209.91	0.11	210.43	1.58	210.95	6.63
209.40	0.00	209.92	0.11	210.44	1.68	210.96	6.66
209.41	0.00	209.93	0.11	210.45	1.78	210.97	6.69
209.42	0.00	209.94	0.11	210.46	1.87	210.98	6.72
209.43	0.00	209.95	0.11	210.47	1.97	210.99	6.75
209.44	0.00	209.96	0.11	210.48	2.07	211.00	6.78
209.45	0.01	209.97	0.11	210.49	2.18	211.01	6.81
209.46	0.01	209.98	0.11	210.50	2.28	211.02	6.84
209.47	0.01	209.99	0.12	210.51	2.39	211.03	6.87
209.48	0.01	210.00	0.12	210.52	2.50	211.04	6.90
209.49	0.02	210.01	0.12	210.53	2.61	211.05	6.93
209.50	0.02	210.02	0.12	210.54	2.72	211.06	6.96
209.51	0.02	210.03	0.12	210.55	2.83	211.07	6.99

Stage-Discharge for Pond B-2: Basin #2 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	7.02	211.60	12.11
211.09	7.05	211.61	12.71
211.10	7.08	211.62	13.33
211.11	7.11	211.63	13.98
211.12	7.13	211.64	14.66
211.13	7.16	211.65	15.36
211.14	7.19	211.66	16.08
211.15	7.22	211.67	16.83
211.16	7.25	211.68	17.60
211.17	7.28	211.69	18.39
211.18	7.30	211.70	19.20
211.19	7.33	211.71	20.07
211.20	7.36	211.72	20.96
211.21	7.39	211.73	21.89
211.22	7.41	211.74	22.83
211.23	7.44	211.75	23.80
211.24	7.47	211.76	24.80
211.25	7.50	211.77	25.82
211.26	7.52	211.78	26.87
211.27	7.55	211.79	27.94
211.28	7.58	211.80	29.03
211.29	7.60	211.81	30.15
211.30	7.63	211.82	31.30
211.31	7.66	211.83	32.47
211.32	7.68	211.84	33.66
211.33	7.71	211.85	34.88
211.34	7.74	211.86	36.12
211.35	7.76	211.87	37.38
211.36	7.79	211.88	38.67
211.37	7.82	211.89	39.98
211.38	7.84	211.90	41.32
211.39	7.87	211.91	42.71
211.40	7.89	211.92	44.12
211.41	7.92	211.93	45.56
211.42	7.94	211.94	47.03
211.43	7.97	211.95	48.52
211.44	8.00	211.96	50.04
211.45	8.02	211.97	51.59
211.46	8.05	211.98	53.16
211.47	8.07	211.99	54.75
211.48	8.10	212.00	56.38
211.49	8.12		
211.50	8.15		
211.51	8.29		
211.52	8.53		
211.53	8.83		
211.54	9.18		
211.55	9.58		
211.56	10.02		
211.57	10.49		
211.58	11.00		
211.59	11.54		

Stage-Area-Storage for Pond B-2: Basin #2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	7,501	0	209.52	7,985	4,026
209.01	7,510	75	209.53	7,994	4,106
209.02	7,520	150	209.54	8,003	4,186
209.03	7,529	225	209.55	8,013	4,266
209.04	7,538	301	209.56	8,022	4,346
209.05	7,548	376	209.57	8,031	4,427
209.06	7,557	452	209.58	8,040	4,507
209.07	7,566	527	209.59	8,050	4,587
209.08	7,575	603	209.60	8,059	4,668
209.09	7,585	679	209.61	8,068	4,749
209.10	7,594	755	209.62	8,078	4,829
209.11	7,603	831	209.63	8,087	4,910
209.12	7,613	907	209.64	8,096	4,991
209.13	7,622	983	209.65	8,106	5,072
209.14	7,631	1,059	209.66	8,115	5,153
209.15	7,641	1,136	209.67	8,124	5,234
209.16	7,650	1,212	209.68	8,133	5,316
209.17	7,659	1,289	209.69	8,143	5,397
209.18	7,668	1,365	209.70	8,152	5,479
209.19	7,678	1,442	209.71	8,161	5,560
209.20	7,687	1,519	209.72	8,171	5,642
209.21	7,696	1,596	209.73	8,180	5,724
209.22	7,706	1,673	209.74	8,189	5,805
209.23	7,715	1,750	209.75	8,199	5,887
209.24	7,724	1,827	209.76	8,208	5,969
209.25	7,734	1,904	209.77	8,217	6,051
209.26	7,743	1,982	209.78	8,226	6,134
209.27	7,752	2,059	209.79	8,236	6,216
209.28	7,761	2,137	209.80	8,245	6,298
209.29	7,771	2,214	209.81	8,254	6,381
209.30	7,780	2,292	209.82	8,264	6,463
209.31	7,789	2,370	209.83	8,273	6,546
209.32	7,799	2,448	209.84	8,282	6,629
209.33	7,808	2,526	209.85	8,291	6,712
209.34	7,817	2,604	209.86	8,301	6,795
209.35	7,826	2,682	209.87	8,310	6,878
209.36	7,836	2,761	209.88	8,319	6,961
209.37	7,845	2,839	209.89	8,329	7,044
209.38	7,854	2,918	209.90	8,338	7,128
209.39	7,864	2,996	209.91	8,347	7,211
209.40	7,873	3,075	209.92	8,357	7,294
209.41	7,882	3,154	209.93	8,366	7,378
209.42	7,892	3,232	209.94	8,375	7,462
209.43	7,901	3,311	209.95	8,384	7,546
209.44	7,910	3,390	209.96	8,394	7,630
209.45	7,919	3,470	209.97	8,403	7,713
209.46	7,929	3,549	209.98	8,412	7,798
209.47	7,938	3,628	209.99	8,422	7,882
209.48	7,947	3,708	210.00	8,431	7,966
209.49	7,957	3,787	210.01	8,441	8,050
209.50	7,966	3,867	210.02	8,450	8,135
209.51	7,975	3,946	210.03	8,460	8,219

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	8,469	8,304	210.56	8,968	12,838
210.05	8,479	8,389	210.57	8,978	12,927
210.06	8,489	8,474	210.58	8,987	13,017
210.07	8,498	8,559	210.59	8,997	13,107
210.08	8,508	8,644	210.60	9,006	13,197
210.09	8,517	8,729	210.61	9,016	13,287
210.10	8,527	8,814	210.62	9,026	13,378
210.11	8,536	8,899	210.63	9,035	13,468
210.12	8,546	8,985	210.64	9,045	13,558
210.13	8,556	9,070	210.65	9,054	13,649
210.14	8,565	9,156	210.66	9,064	13,739
210.15	8,575	9,241	210.67	9,074	13,830
210.16	8,584	9,327	210.68	9,083	13,921
210.17	8,594	9,413	210.69	9,093	14,012
210.18	8,604	9,499	210.70	9,102	14,103
210.19	8,613	9,585	210.71	9,112	14,194
210.20	8,623	9,671	210.72	9,121	14,285
210.21	8,632	9,758	210.73	9,131	14,376
210.22	8,642	9,844	210.74	9,141	14,468
210.23	8,652	9,930	210.75	9,150	14,559
210.24	8,661	10,017	210.76	9,160	14,651
210.25	8,671	10,104	210.77	9,169	14,742
210.26	8,680	10,190	210.78	9,179	14,834
210.27	8,690	10,277	210.79	9,189	14,926
210.28	8,700	10,364	210.80	9,198	15,018
210.29	8,709	10,451	210.81	9,208	15,110
210.30	8,719	10,538	210.82	9,217	15,202
210.31	8,728	10,626	210.83	9,227	15,294
210.32	8,738	10,713	210.84	9,237	15,386
210.33	8,747	10,800	210.85	9,246	15,479
210.34	8,757	10,888	210.86	9,256	15,571
210.35	8,767	10,976	210.87	9,265	15,664
210.36	8,776	11,063	210.88	9,275	15,757
210.37	8,786	11,151	210.89	9,285	15,849
210.38	8,795	11,239	210.90	9,294	15,942
210.39	8,805	11,327	210.91	9,304	16,035
210.40	8,815	11,415	210.92	9,313	16,128
210.41	8,824	11,503	210.93	9,323	16,222
210.42	8,834	11,592	210.94	9,332	16,315
210.43	8,843	11,680	210.95	9,342	16,408
210.44	8,853	11,768	210.96	9,352	16,502
210.45	8,863	11,857	210.97	9,361	16,595
210.46	8,872	11,946	210.98	9,371	16,689
210.47	8,882	12,034	210.99	9,380	16,783
210.48	8,891	12,123	211.00	9,390	16,877
210.49	8,901	12,212	211.01	9,400	16,970
210.50	8,911	12,301	211.02	9,410	17,064
210.51	8,920	12,391	211.03	9,420	17,159
210.52	8,930	12,480	211.04	9,429	17,253
210.53	8,939	12,569	211.05	9,439	17,347
210.54	8,949	12,659	211.06	9,449	17,442
210.55	8,958	12,748	211.07	9,459	17,536

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	9,469	17,631	211.60	9,982	22,688
211.09	9,479	17,726	211.61	9,991	22,788
211.10	9,489	17,820	211.62	10,001	22,888
211.11	9,498	17,915	211.63	10,011	22,988
211.12	9,508	18,010	211.64	10,021	23,088
211.13	9,518	18,106	211.65	10,031	23,188
211.14	9,528	18,201	211.66	10,041	23,289
211.15	9,538	18,296	211.67	10,051	23,389
211.16	9,548	18,392	211.68	10,060	23,490
211.17	9,558	18,487	211.69	10,070	23,590
211.18	9,567	18,583	211.70	10,080	23,691
211.19	9,577	18,678	211.71	10,090	23,792
211.20	9,587	18,774	211.72	10,100	23,893
211.21	9,597	18,870	211.73	10,110	23,994
211.22	9,607	18,966	211.74	10,120	24,095
211.23	9,617	19,062	211.75	10,130	24,196
211.24	9,627	19,158	211.76	10,139	24,298
211.25	9,637	19,255	211.77	10,149	24,399
211.26	9,646	19,351	211.78	10,159	24,501
211.27	9,656	19,448	211.79	10,169	24,602
211.28	9,666	19,544	211.80	10,179	24,704
211.29	9,676	19,641	211.81	10,189	24,806
211.30	9,686	19,738	211.82	10,199	24,908
211.31	9,696	19,835	211.83	10,208	25,010
211.32	9,706	19,932	211.84	10,218	25,112
211.33	9,715	20,029	211.85	10,228	25,214
211.34	9,725	20,126	211.86	10,238	25,317
211.35	9,735	20,223	211.87	10,248	25,419
211.36	9,745	20,321	211.88	10,258	25,521
211.37	9,755	20,418	211.89	10,268	25,624
211.38	9,765	20,516	211.90	10,277	25,727
211.39	9,775	20,614	211.91	10,287	25,830
211.40	9,784	20,711	211.92	10,297	25,933
211.41	9,794	20,809	211.93	10,307	26,036
211.42	9,804	20,907	211.94	10,317	26,139
211.43	9,814	21,005	211.95	10,327	26,242
211.44	9,824	21,104	211.96	10,337	26,345
211.45	9,834	21,202	211.97	10,346	26,449
211.46	9,844	21,300	211.98	10,356	26,552
211.47	9,853	21,399	211.99	10,366	26,656
211.48	9,863	21,497	212.00	10,376	26,760
211.49	9,873	21,596			
211.50	9,883	21,695			
211.51	9,893	21,794			
211.52	9,903	21,893			
211.53	9,913	21,992			
211.54	9,922	22,091			
211.55	9,932	22,190			
211.56	9,942	22,290			
211.57	9,952	22,389			
211.58	9,962	22,489			
211.59	9,972	22,588			

Summary for Pond B-3: Basin #3

Inflow Area = 1.554 ac, 38.35% Impervious, Inflow Depth = 2.30" for Future 2 yr event
 Inflow = 3.63 cfs @ 12.17 hrs, Volume= 0.298 af
 Outflow = 0.11 cfs @ 16.32 hrs, Volume= 0.201 af, Atten= 97%, Lag= 248.8 min
 Primary = 0.11 cfs @ 16.32 hrs, Volume= 0.201 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 213.84' @ 16.32 hrs Surf.Area= 12,248 sf Storage= 9,317 cf

Plug-Flow detention time= 748.2 min calculated for 0.201 af (67% of inflow)
 Center-of-Mass det. time= 641.0 min (1,438.5 - 797.6)

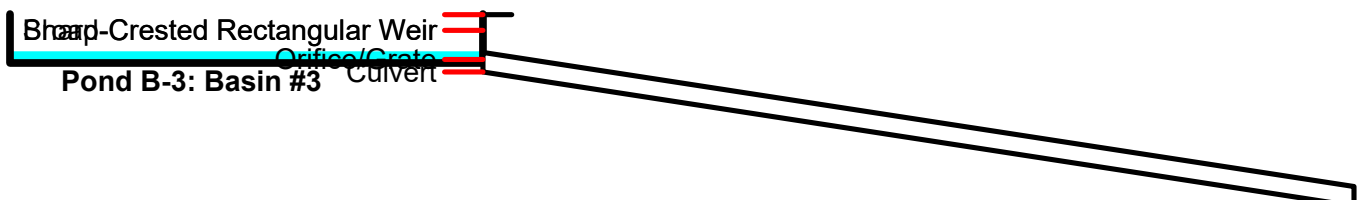
Volume	Invert	Avail.Storage	Storage Description
#1	213.00'	56,991 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

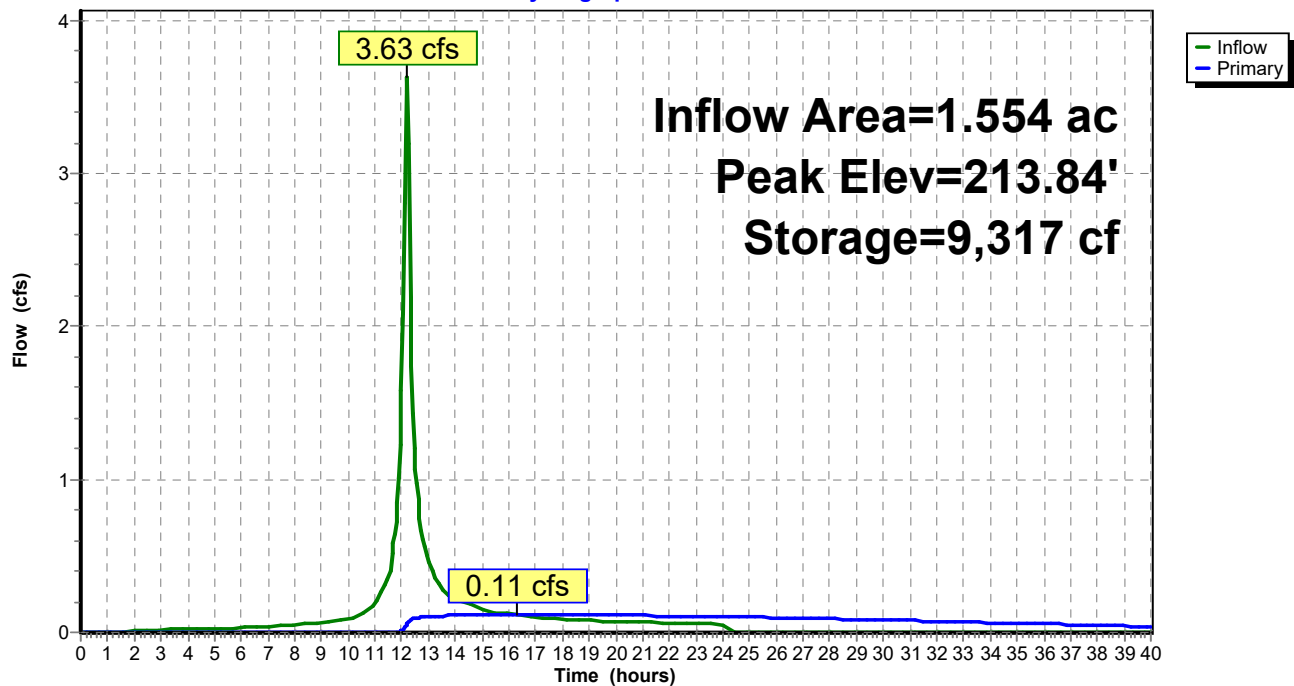
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
213.00	9,992	0	0
214.00	12,685	11,339	11,339
215.00	15,435	14,060	25,399
216.00	18,241	16,838	42,237
216.75	21,104	14,754	56,991

Device	Routing	Invert	Outlet Devices
#1	Primary	212.30'	18.0" Round Culvert L= 151.0' Ke= 0.500 Inlet / Outlet Invert= 212.30' / 202.00' S= 0.0682 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	213.25'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	215.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	216.70'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.11 cfs @ 16.32 hrs HW=213.84' (Free Discharge)

1=Culvert (Passes 0.11 cfs of 7.55 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.11 cfs @ 3.35 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-3: Basin #3**Hydrograph**

Hydrograph for Pond B-3: Basin #3

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	213.00	0.00
0.10	0.00	0	213.00	0.00
0.20	0.00	0	213.00	0.00
0.30	0.00	0	213.00	0.00
0.40	0.00	0	213.00	0.00
0.50	0.00	0	213.00	0.00
0.60	0.00	0	213.00	0.00
0.70	0.00	0	213.00	0.00
0.80	0.00	0	213.00	0.00
0.90	0.00	0	213.00	0.00
1.00	0.00	0	213.00	0.00
1.10	0.00	0	213.00	0.00
1.20	0.00	0	213.00	0.00
1.30	0.00	1	213.00	0.00
1.40	0.00	2	213.00	0.00
1.50	0.00	3	213.00	0.00
1.60	0.00	4	213.00	0.00
1.70	0.01	6	213.00	0.00
1.80	0.01	8	213.00	0.00
1.90	0.01	11	213.00	0.00
2.00	0.01	14	213.00	0.00
2.10	0.01	17	213.00	0.00
2.20	0.01	20	213.00	0.00
2.30	0.01	24	213.00	0.00
2.40	0.01	28	213.00	0.00
2.50	0.01	32	213.00	0.00
2.60	0.01	36	213.00	0.00
2.70	0.01	41	213.00	0.00
2.80	0.01	46	213.00	0.00
2.90	0.01	51	213.01	0.00
3.00	0.02	57	213.01	0.00
3.10	0.02	62	213.01	0.00
3.20	0.02	68	213.01	0.00
3.30	0.02	74	213.01	0.00
3.40	0.02	80	213.01	0.00
3.50	0.02	87	213.01	0.00
3.60	0.02	94	213.01	0.00
3.70	0.02	100	213.01	0.00
3.80	0.02	108	213.01	0.00
3.90	0.02	115	213.01	0.00
4.00	0.02	122	213.01	0.00
4.10	0.02	130	213.01	0.00
4.20	0.02	138	213.01	0.00
4.30	0.02	146	213.01	0.00
4.40	0.02	154	213.02	0.00
4.50	0.02	162	213.02	0.00
4.60	0.02	171	213.02	0.00
4.70	0.02	179	213.02	0.00
4.80	0.02	188	213.02	0.00
4.90	0.03	197	213.02	0.00
5.00	0.03	206	213.02	0.00
5.10	0.03	216	213.02	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	225	213.02	0.00
5.30	0.03	235	213.02	0.00
5.40	0.03	244	213.02	0.00
5.50	0.03	254	213.03	0.00
5.60	0.03	264	213.03	0.00
5.70	0.03	275	213.03	0.00
5.80	0.03	285	213.03	0.00
5.90	0.03	295	213.03	0.00
6.00	0.03	306	213.03	0.00
6.10	0.03	317	213.03	0.00
6.20	0.03	328	213.03	0.00
6.30	0.03	339	213.03	0.00
6.40	0.03	351	213.03	0.00
6.50	0.03	363	213.04	0.00
6.60	0.03	375	213.04	0.00
6.70	0.04	388	213.04	0.00
6.80	0.04	401	213.04	0.00
6.90	0.04	414	213.04	0.00
7.00	0.04	428	213.04	0.00
7.10	0.04	442	213.04	0.00
7.20	0.04	457	213.05	0.00
7.30	0.04	471	213.05	0.00
7.40	0.04	487	213.05	0.00
7.50	0.04	502	213.05	0.00
7.60	0.04	518	213.05	0.00
7.70	0.05	534	213.05	0.00
7.80	0.05	551	213.05	0.00
7.90	0.05	568	213.06	0.00
8.00	0.05	585	213.06	0.00
8.10	0.05	603	213.06	0.00
8.20	0.05	621	213.06	0.00
8.30	0.05	639	213.06	0.00
8.40	0.05	658	213.07	0.00
8.50	0.05	677	213.07	0.00
8.60	0.05	696	213.07	0.00
8.70	0.06	716	213.07	0.00
8.80	0.06	736	213.07	0.00
8.90	0.06	757	213.08	0.00
9.00	0.06	778	213.08	0.00
9.10	0.06	799	213.08	0.00
9.20	0.06	821	213.08	0.00
9.30	0.07	845	213.08	0.00
9.40	0.07	869	213.09	0.00
9.50	0.07	895	213.09	0.00
9.60	0.08	922	213.09	0.00
9.70	0.08	950	213.09	0.00
9.80	0.08	979	213.10	0.00
9.90	0.09	1,010	213.10	0.00
10.00	0.09	1,042	213.10	0.00
10.10	0.09	1,075	213.11	0.00
10.20	0.10	1,109	213.11	0.00
10.30	0.10	1,146	213.11	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,184	213.12	0.00
10.50	0.11	1,224	213.12	0.00
10.60	0.12	1,266	213.12	0.00
10.70	0.14	1,313	213.13	0.00
10.80	0.15	1,364	213.13	0.00
10.90	0.17	1,423	213.14	0.00
11.00	0.19	1,487	213.15	0.00
11.10	0.21	1,559	213.15	0.00
11.20	0.24	1,640	213.16	0.00
11.30	0.28	1,734	213.17	0.00
11.40	0.31	1,840	213.18	0.00
11.50	0.35	1,960	213.19	0.00
11.60	0.43	2,099	213.20	0.00
11.70	0.58	2,284	213.22	0.00
11.80	0.73	2,517	213.24	0.00
11.90	1.01	2,825	213.27	0.00
12.00	1.59	3,278	213.31	0.01
12.10	2.81	4,043	213.38	0.03
12.20	3.53	5,236	213.49	0.06
12.30	2.19	6,239	213.58	0.08
12.40	1.43	6,848	213.63	0.09
12.50	1.06	7,257	213.67	0.09
12.60	0.87	7,572	213.69	0.10
12.70	0.66	7,809	213.71	0.10
12.80	0.57	7,993	213.73	0.10
12.90	0.52	8,152	213.74	0.10
13.00	0.47	8,292	213.75	0.10
13.10	0.42	8,413	213.76	0.10
13.20	0.37	8,517	213.77	0.11
13.30	0.34	8,608	213.78	0.11
13.40	0.32	8,689	213.79	0.11
13.50	0.29	8,759	213.79	0.11
13.60	0.26	8,820	213.80	0.11
13.70	0.24	8,872	213.80	0.11
13.80	0.23	8,918	213.81	0.11
13.90	0.22	8,960	213.81	0.11
14.00	0.22	9,000	213.81	0.11
14.10	0.21	9,037	213.81	0.11
14.20	0.20	9,071	213.82	0.11
14.30	0.20	9,103	213.82	0.11
14.40	0.19	9,133	213.82	0.11
14.50	0.18	9,160	213.82	0.11
14.60	0.18	9,184	213.83	0.11
14.70	0.17	9,205	213.83	0.11
14.80	0.16	9,225	213.83	0.11
14.90	0.16	9,241	213.83	0.11
15.00	0.15	9,255	213.83	0.11
15.10	0.14	9,266	213.83	0.11
15.20	0.14	9,275	213.83	0.11
15.30	0.13	9,283	213.84	0.11
15.40	0.13	9,289	213.84	0.11
15.50	0.13	9,295	213.84	0.11

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	9,300	213.84	0.11
15.70	0.13	9,305	213.84	0.11
15.80	0.12	9,308	213.84	0.11
15.90	0.12	9,312	213.84	0.11
16.00	0.12	9,314	213.84	0.11
16.10	0.12	9,316	213.84	0.11
16.20	0.12	9,317	213.84	0.11
16.30	0.11	9,317	213.84	0.11
16.40	0.11	9,317	213.84	0.11
16.50	0.11	9,316	213.84	0.11
16.60	0.11	9,315	213.84	0.11
16.70	0.11	9,313	213.84	0.11
16.80	0.11	9,310	213.84	0.11
16.90	0.10	9,306	213.84	0.11
17.00	0.10	9,302	213.84	0.11
17.10	0.10	9,297	213.84	0.11
17.20	0.10	9,292	213.84	0.11
17.30	0.10	9,286	213.84	0.11
17.40	0.09	9,279	213.83	0.11
17.50	0.09	9,271	213.83	0.11
17.60	0.09	9,263	213.83	0.11
17.70	0.09	9,255	213.83	0.11
17.80	0.09	9,245	213.83	0.11
17.90	0.08	9,235	213.83	0.11
18.00	0.08	9,224	213.83	0.11
18.10	0.08	9,213	213.83	0.11
18.20	0.08	9,201	213.83	0.11
18.30	0.08	9,189	213.83	0.11
18.40	0.08	9,176	213.83	0.11
18.50	0.08	9,164	213.83	0.11
18.60	0.08	9,151	213.82	0.11
18.70	0.08	9,138	213.82	0.11
18.80	0.08	9,125	213.82	0.11
18.90	0.08	9,112	213.82	0.11
19.00	0.08	9,099	213.82	0.11
19.10	0.07	9,085	213.82	0.11
19.20	0.07	9,072	213.82	0.11
19.30	0.07	9,058	213.82	0.11
19.40	0.07	9,045	213.82	0.11
19.50	0.07	9,031	213.81	0.11
19.60	0.07	9,017	213.81	0.11
19.70	0.07	9,003	213.81	0.11
19.80	0.07	8,989	213.81	0.11
19.90	0.07	8,975	213.81	0.11
20.00	0.07	8,960	213.81	0.11
20.10	0.07	8,946	213.81	0.11
20.20	0.07	8,931	213.81	0.11
20.30	0.07	8,916	213.80	0.11
20.40	0.07	8,902	213.80	0.11
20.50	0.07	8,887	213.80	0.11
20.60	0.07	8,872	213.80	0.11
20.70	0.07	8,856	213.80	0.11

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	8,841	213.80	0.11
20.90	0.07	8,826	213.80	0.11
21.00	0.07	8,810	213.80	0.11
21.10	0.07	8,795	213.79	0.11
21.20	0.06	8,779	213.79	0.11
21.30	0.06	8,763	213.79	0.11
21.40	0.06	8,747	213.79	0.11
21.50	0.06	8,731	213.79	0.11
21.60	0.06	8,715	213.79	0.11
21.70	0.06	8,698	213.79	0.11
21.80	0.06	8,682	213.79	0.11
21.90	0.06	8,666	213.78	0.11
22.00	0.06	8,649	213.78	0.11
22.10	0.06	8,632	213.78	0.11
22.20	0.06	8,615	213.78	0.11
22.30	0.06	8,598	213.78	0.11
22.40	0.06	8,581	213.78	0.11
22.50	0.06	8,564	213.78	0.11
22.60	0.06	8,547	213.77	0.11
22.70	0.06	8,530	213.77	0.11
22.80	0.06	8,512	213.77	0.11
22.90	0.06	8,495	213.77	0.11
23.00	0.06	8,477	213.77	0.11
23.10	0.06	8,459	213.77	0.11
23.20	0.06	8,441	213.77	0.11
23.30	0.05	8,423	213.76	0.11
23.40	0.05	8,405	213.76	0.10
23.50	0.05	8,387	213.76	0.10
23.60	0.05	8,369	213.76	0.10
23.70	0.05	8,350	213.76	0.10
23.80	0.05	8,332	213.76	0.10
23.90	0.05	8,313	213.76	0.10
24.00	0.05	8,295	213.75	0.10
24.10	0.05	8,277	213.75	0.10
24.20	0.01	8,250	213.75	0.10
24.30	0.00	8,215	213.75	0.10
24.40	0.00	8,179	213.74	0.10
24.50	0.00	8,142	213.74	0.10
24.60	0.00	8,105	213.74	0.10
24.70	0.00	8,069	213.73	0.10
24.80	0.00	8,033	213.73	0.10
24.90	0.00	7,996	213.73	0.10
25.00	0.00	7,960	213.73	0.10
25.10	0.00	7,924	213.72	0.10
25.20	0.00	7,889	213.72	0.10
25.30	0.00	7,853	213.72	0.10
25.40	0.00	7,817	213.71	0.10
25.50	0.00	7,782	213.71	0.10
25.60	0.00	7,747	213.71	0.10
25.70	0.00	7,712	213.70	0.10
25.80	0.00	7,677	213.70	0.10
25.90	0.00	7,642	213.70	0.10

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,607	213.70	0.10
26.10	0.00	7,573	213.69	0.10
26.20	0.00	7,539	213.69	0.10
26.30	0.00	7,505	213.69	0.09
26.40	0.00	7,471	213.68	0.09
26.50	0.00	7,437	213.68	0.09
26.60	0.00	7,403	213.68	0.09
26.70	0.00	7,369	213.68	0.09
26.80	0.00	7,336	213.67	0.09
26.90	0.00	7,303	213.67	0.09
27.00	0.00	7,269	213.67	0.09
27.10	0.00	7,236	213.66	0.09
27.20	0.00	7,204	213.66	0.09
27.30	0.00	7,171	213.66	0.09
27.40	0.00	7,138	213.66	0.09
27.50	0.00	7,106	213.65	0.09
27.60	0.00	7,074	213.65	0.09
27.70	0.00	7,042	213.65	0.09
27.80	0.00	7,010	213.65	0.09
27.90	0.00	6,978	213.64	0.09
28.00	0.00	6,946	213.64	0.09
28.10	0.00	6,915	213.64	0.09
28.20	0.00	6,883	213.63	0.09
28.30	0.00	6,852	213.63	0.09
28.40	0.00	6,821	213.63	0.09
28.50	0.00	6,790	213.63	0.09
28.60	0.00	6,759	213.62	0.09
28.70	0.00	6,729	213.62	0.08
28.80	0.00	6,698	213.62	0.08
28.90	0.00	6,668	213.62	0.08
29.00	0.00	6,638	213.61	0.08
29.10	0.00	6,608	213.61	0.08
29.20	0.00	6,578	213.61	0.08
29.30	0.00	6,548	213.61	0.08
29.40	0.00	6,519	213.60	0.08
29.50	0.00	6,489	213.60	0.08
29.60	0.00	6,460	213.60	0.08
29.70	0.00	6,431	213.60	0.08
29.80	0.00	6,402	213.59	0.08
29.90	0.00	6,373	213.59	0.08
30.00	0.00	6,345	213.59	0.08
30.10	0.00	6,316	213.59	0.08
30.20	0.00	6,288	213.58	0.08
30.30	0.00	6,260	213.58	0.08
30.40	0.00	6,232	213.58	0.08
30.50	0.00	6,204	213.58	0.08
30.60	0.00	6,176	213.57	0.08
30.70	0.00	6,148	213.57	0.08
30.80	0.00	6,121	213.57	0.08
30.90	0.00	6,094	213.57	0.08
31.00	0.00	6,066	213.56	0.08
31.10	0.00	6,039	213.56	0.07

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,013	213.56	0.07
31.30	0.00	5,986	213.56	0.07
31.40	0.00	5,959	213.55	0.07
31.50	0.00	5,933	213.55	0.07
31.60	0.00	5,907	213.55	0.07
31.70	0.00	5,881	213.55	0.07
31.80	0.00	5,855	213.55	0.07
31.90	0.00	5,829	213.54	0.07
32.00	0.00	5,803	213.54	0.07
32.10	0.00	5,778	213.54	0.07
32.20	0.00	5,753	213.54	0.07
32.30	0.00	5,728	213.53	0.07
32.40	0.00	5,703	213.53	0.07
32.50	0.00	5,678	213.53	0.07
32.60	0.00	5,653	213.53	0.07
32.70	0.00	5,628	213.53	0.07
32.80	0.00	5,604	213.52	0.07
32.90	0.00	5,580	213.52	0.07
33.00	0.00	5,556	213.52	0.07
33.10	0.00	5,532	213.52	0.07
33.20	0.00	5,508	213.52	0.07
33.30	0.00	5,484	213.51	0.07
33.40	0.00	5,461	213.51	0.06
33.50	0.00	5,438	213.51	0.06
33.60	0.00	5,414	213.51	0.06
33.70	0.00	5,391	213.51	0.06
33.80	0.00	5,369	213.50	0.06
33.90	0.00	5,346	213.50	0.06
34.00	0.00	5,323	213.50	0.06
34.10	0.00	5,301	213.50	0.06
34.20	0.00	5,279	213.50	0.06
34.30	0.00	5,257	213.49	0.06
34.40	0.00	5,235	213.49	0.06
34.50	0.00	5,213	213.49	0.06
34.60	0.00	5,191	213.49	0.06
34.70	0.00	5,170	213.49	0.06
34.80	0.00	5,148	213.48	0.06
34.90	0.00	5,127	213.48	0.06
35.00	0.00	5,106	213.48	0.06
35.10	0.00	5,085	213.48	0.06
35.20	0.00	5,065	213.48	0.06
35.30	0.00	5,044	213.47	0.06
35.40	0.00	5,024	213.47	0.06
35.50	0.00	5,003	213.47	0.06
35.60	0.00	4,983	213.47	0.06
35.70	0.00	4,963	213.47	0.06
35.80	0.00	4,944	213.47	0.05
35.90	0.00	4,924	213.46	0.05
36.00	0.00	4,904	213.46	0.05
36.10	0.00	4,885	213.46	0.05
36.20	0.00	4,866	213.46	0.05
36.30	0.00	4,847	213.46	0.05

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,828	213.46	0.05
36.50	0.00	4,809	213.45	0.05
36.60	0.00	4,790	213.45	0.05
36.70	0.00	4,772	213.45	0.05
36.80	0.00	4,753	213.45	0.05
36.90	0.00	4,735	213.45	0.05
37.00	0.00	4,717	213.45	0.05
37.10	0.00	4,699	213.44	0.05
37.20	0.00	4,682	213.44	0.05
37.30	0.00	4,664	213.44	0.05
37.40	0.00	4,647	213.44	0.05
37.50	0.00	4,630	213.44	0.05
37.60	0.00	4,613	213.44	0.05
37.70	0.00	4,596	213.43	0.05
37.80	0.00	4,580	213.43	0.05
37.90	0.00	4,563	213.43	0.05
38.00	0.00	4,547	213.43	0.04
38.10	0.00	4,531	213.43	0.04
38.20	0.00	4,515	213.43	0.04
38.30	0.00	4,500	213.43	0.04
38.40	0.00	4,484	213.42	0.04
38.50	0.00	4,469	213.42	0.04
38.60	0.00	4,453	213.42	0.04
38.70	0.00	4,438	213.42	0.04
38.80	0.00	4,423	213.42	0.04
38.90	0.00	4,409	213.42	0.04
39.00	0.00	4,394	213.42	0.04
39.10	0.00	4,380	213.42	0.04
39.20	0.00	4,365	213.41	0.04
39.30	0.00	4,351	213.41	0.04
39.40	0.00	4,337	213.41	0.04
39.50	0.00	4,323	213.41	0.04
39.60	0.00	4,309	213.41	0.04
39.70	0.00	4,296	213.41	0.04
39.80	0.00	4,283	213.41	0.04
39.90	0.00	4,269	213.41	0.04
40.00	0.00	4,256	213.40	0.04

Stage-Discharge for Pond B-3: Basin #3

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	213.52	0.07	214.04	0.14	214.56	0.18
213.01	0.00	213.53	0.07	214.05	0.14	214.57	0.18
213.02	0.00	213.54	0.07	214.06	0.14	214.58	0.18
213.03	0.00	213.55	0.07	214.07	0.14	214.59	0.18
213.04	0.00	213.56	0.07	214.08	0.14	214.60	0.18
213.05	0.00	213.57	0.08	214.09	0.14	214.61	0.18
213.06	0.00	213.58	0.08	214.10	0.14	214.62	0.18
213.07	0.00	213.59	0.08	214.11	0.14	214.63	0.19
213.08	0.00	213.60	0.08	214.12	0.14	214.64	0.19
213.09	0.00	213.61	0.08	214.13	0.14	214.65	0.19
213.10	0.00	213.62	0.08	214.14	0.15	214.66	0.19
213.11	0.00	213.63	0.09	214.15	0.15	214.67	0.19
213.12	0.00	213.64	0.09	214.16	0.15	214.68	0.19
213.13	0.00	213.65	0.09	214.17	0.15	214.69	0.19
213.14	0.00	213.66	0.09	214.18	0.15	214.70	0.19
213.15	0.00	213.67	0.09	214.19	0.15	214.71	0.19
213.16	0.00	213.68	0.09	214.20	0.15	214.72	0.19
213.17	0.00	213.69	0.10	214.21	0.15	214.73	0.19
213.18	0.00	213.70	0.10	214.22	0.15	214.74	0.19
213.19	0.00	213.71	0.10	214.23	0.15	214.75	0.19
213.20	0.00	213.72	0.10	214.24	0.15	214.76	0.19
213.21	0.00	213.73	0.10	214.25	0.16	214.77	0.20
213.22	0.00	213.74	0.10	214.26	0.16	214.78	0.20
213.23	0.00	213.75	0.10	214.27	0.16	214.79	0.20
213.24	0.00	213.76	0.10	214.28	0.16	214.80	0.20
213.25	0.00	213.77	0.11	214.29	0.16	214.81	0.20
213.26	0.00	213.78	0.11	214.30	0.16	214.82	0.20
213.27	0.00	213.79	0.11	214.31	0.16	214.83	0.20
213.28	0.00	213.80	0.11	214.32	0.16	214.84	0.20
213.29	0.00	213.81	0.11	214.33	0.16	214.85	0.20
213.30	0.00	213.82	0.11	214.34	0.16	214.86	0.20
213.31	0.01	213.83	0.11	214.35	0.16	214.87	0.20
213.32	0.01	213.84	0.11	214.36	0.16	214.88	0.20
213.33	0.01	213.85	0.12	214.37	0.17	214.89	0.20
213.34	0.01	213.86	0.12	214.38	0.17	214.90	0.20
213.35	0.02	213.87	0.12	214.39	0.17	214.91	0.20
213.36	0.02	213.88	0.12	214.40	0.17	214.92	0.21
213.37	0.02	213.89	0.12	214.41	0.17	214.93	0.21
213.38	0.03	213.90	0.12	214.42	0.17	214.94	0.21
213.39	0.03	213.91	0.12	214.43	0.17	214.95	0.21
213.40	0.03	213.92	0.12	214.44	0.17	214.96	0.21
213.41	0.04	213.93	0.12	214.45	0.17	214.97	0.21
213.42	0.04	213.94	0.13	214.46	0.17	214.98	0.21
213.43	0.05	213.95	0.13	214.47	0.17	214.99	0.21
213.44	0.05	213.96	0.13	214.48	0.17	215.00	0.21
213.45	0.05	213.97	0.13	214.49	0.17	215.01	0.21
213.46	0.05	213.98	0.13	214.50	0.18	215.02	0.21
213.47	0.06	213.99	0.13	214.51	0.18	215.03	0.21
213.48	0.06	214.00	0.13	214.52	0.18	215.04	0.21
213.49	0.06	214.01	0.13	214.53	0.18	215.05	0.21
213.50	0.06	214.02	0.13	214.54	0.18	215.06	0.21
213.51	0.06	214.03	0.13	214.55	0.18	215.07	0.22

Stage-Discharge for Pond B-3: Basin #3 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
215.08	0.22	215.60	0.66	216.12	6.46	216.64	15.31
215.09	0.22	215.61	0.72	216.13	6.61	216.65	15.50
215.10	0.22	215.62	0.79	216.14	6.76	216.66	15.69
215.11	0.22	215.63	0.86	216.15	6.91	216.67	15.88
215.12	0.22	215.64	0.93	216.16	7.06	216.68	16.08
215.13	0.22	215.65	1.00	216.17	7.21	216.69	16.23
215.14	0.22	215.66	1.08	216.18	7.36	216.70	16.26
215.15	0.22	215.67	1.16	216.19	7.51	216.71	16.40
215.16	0.22	215.68	1.24	216.20	7.67	216.72	16.63
215.17	0.22	215.69	1.32	216.21	7.82	216.73	16.93
215.18	0.22	215.70	1.41	216.22	7.98	216.74	17.28
215.19	0.22	215.71	1.50	216.23	8.14	216.75	17.68
215.20	0.22	215.72	1.59	216.24	8.30		
215.21	0.22	215.73	1.68	216.25	8.46		
215.22	0.22	215.74	1.77	216.26	8.62		
215.23	0.22	215.75	1.87	216.27	8.78		
215.24	0.23	215.76	1.97	216.28	8.94		
215.25	0.23	215.77	2.07	216.29	9.10		
215.26	0.23	215.78	2.17	216.30	9.27		
215.27	0.23	215.79	2.27	216.31	9.43		
215.28	0.23	215.80	2.37	216.32	9.60		
215.29	0.23	215.81	2.48	216.33	9.76		
215.30	0.23	215.82	2.59	216.34	9.93		
215.31	0.23	215.83	2.70	216.35	10.10		
215.32	0.23	215.84	2.81	216.36	10.27		
215.33	0.23	215.85	2.92	216.37	10.44		
215.34	0.23	215.86	3.03	216.38	10.61		
215.35	0.23	215.87	3.15	216.39	10.78		
215.36	0.23	215.88	3.27	216.40	10.95		
215.37	0.23	215.89	3.38	216.41	11.12		
215.38	0.23	215.90	3.50	216.42	11.30		
215.39	0.23	215.91	3.63	216.43	11.47		
215.40	0.23	215.92	3.75	216.44	11.65		
215.41	0.24	215.93	3.87	216.45	11.82		
215.42	0.24	215.94	4.00	216.46	12.00		
215.43	0.24	215.95	4.12	216.47	12.18		
215.44	0.24	215.96	4.25	216.48	12.36		
215.45	0.24	215.97	4.38	216.49	12.54		
215.46	0.24	215.98	4.51	216.50	12.72		
215.47	0.24	215.99	4.64	216.51	12.90		
215.48	0.24	216.00	4.78	216.52	13.08		
215.49	0.24	216.01	4.91	216.53	13.26		
215.50	0.24	216.02	5.05	216.54	13.44		
215.51	0.25	216.03	5.18	216.55	13.63		
215.52	0.28	216.04	5.32	216.56	13.81		
215.53	0.31	216.05	5.46	216.57	14.00		
215.54	0.35	216.06	5.60	216.58	14.18		
215.55	0.39	216.07	5.74	216.59	14.37		
215.56	0.44	216.08	5.88	216.60	14.56		
215.57	0.49	216.09	6.02	216.61	14.74		
215.58	0.54	216.10	6.17	216.62	14.93		
215.59	0.60	216.11	6.31	216.63	15.12		

Stage-Area-Storage for Pond B-3: Basin #3

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
213.00	9,992	0	213.52	11,392	5,560
213.01	10,019	100	213.53	11,419	5,674
213.02	10,046	200	213.54	11,446	5,788
213.03	10,073	301	213.55	11,473	5,903
213.04	10,100	402	213.56	11,500	6,018
213.05	10,127	503	213.57	11,527	6,133
213.06	10,154	604	213.58	11,554	6,248
213.07	10,181	706	213.59	11,581	6,364
213.08	10,207	808	213.60	11,608	6,480
213.09	10,234	910	213.61	11,635	6,596
213.10	10,261	1,013	213.62	11,662	6,713
213.11	10,288	1,115	213.63	11,689	6,829
213.12	10,315	1,218	213.64	11,716	6,946
213.13	10,342	1,322	213.65	11,742	7,064
213.14	10,369	1,425	213.66	11,769	7,181
213.15	10,396	1,529	213.67	11,796	7,299
213.16	10,423	1,633	213.68	11,823	7,417
213.17	10,450	1,738	213.69	11,850	7,536
213.18	10,477	1,842	213.70	11,877	7,654
213.19	10,504	1,947	213.71	11,904	7,773
213.20	10,531	2,052	213.72	11,931	7,892
213.21	10,558	2,158	213.73	11,958	8,012
213.22	10,584	2,263	213.74	11,985	8,131
213.23	10,611	2,369	213.75	12,012	8,251
213.24	10,638	2,476	213.76	12,039	8,372
213.25	10,665	2,582	213.77	12,066	8,492
213.26	10,692	2,689	213.78	12,093	8,613
213.27	10,719	2,796	213.79	12,119	8,734
213.28	10,746	2,903	213.80	12,146	8,855
213.29	10,773	3,011	213.81	12,173	8,977
213.30	10,800	3,119	213.82	12,200	9,099
213.31	10,827	3,227	213.83	12,227	9,221
213.32	10,854	3,335	213.84	12,254	9,343
213.33	10,881	3,444	213.85	12,281	9,466
213.34	10,908	3,553	213.86	12,308	9,589
213.35	10,935	3,662	213.87	12,335	9,712
213.36	10,961	3,772	213.88	12,362	9,836
213.37	10,988	3,881	213.89	12,389	9,959
213.38	11,015	3,991	213.90	12,416	10,083
213.39	11,042	4,102	213.91	12,443	10,208
213.40	11,069	4,212	213.92	12,470	10,332
213.41	11,096	4,323	213.93	12,496	10,457
213.42	11,123	4,434	213.94	12,523	10,582
213.43	11,150	4,546	213.95	12,550	10,708
213.44	11,177	4,657	213.96	12,577	10,833
213.45	11,204	4,769	213.97	12,604	10,959
213.46	11,231	4,881	213.98	12,631	11,085
213.47	11,258	4,994	213.99	12,658	11,212
213.48	11,285	5,106	214.00	12,685	11,339
213.49	11,312	5,219	214.01	12,712	11,465
213.50	11,339	5,333	214.02	12,740	11,593
213.51	11,365	5,446	214.03	12,768	11,720

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
214.04	12,795	11,848	214.56	14,225	18,873
214.05	12,823	11,976	214.57	14,252	19,016
214.06	12,850	12,105	214.58	14,280	19,158
214.07	12,877	12,233	214.59	14,308	19,301
214.08	12,905	12,362	214.60	14,335	19,444
214.09	12,933	12,491	214.61	14,363	19,588
214.10	12,960	12,621	214.62	14,390	19,732
214.11	12,988	12,750	214.63	14,417	19,876
214.12	13,015	12,881	214.64	14,445	20,020
214.13	13,042	13,011	214.65	14,473	20,165
214.14	13,070	13,141	214.66	14,500	20,310
214.15	13,098	13,272	214.67	14,527	20,455
214.16	13,125	13,403	214.68	14,555	20,600
214.17	13,152	13,535	214.69	14,582	20,746
214.18	13,180	13,666	214.70	14,610	20,892
214.19	13,207	13,798	214.71	14,638	21,038
214.20	13,235	13,930	214.72	14,665	21,184
214.21	13,263	14,063	214.73	14,692	21,331
214.22	13,290	14,196	214.74	14,720	21,478
214.23	13,317	14,329	214.75	14,748	21,626
214.24	13,345	14,462	214.76	14,775	21,773
214.25	13,373	14,596	214.77	14,803	21,921
214.26	13,400	14,730	214.78	14,830	22,069
214.27	13,428	14,864	214.79	14,857	22,218
214.28	13,455	14,998	214.80	14,885	22,367
214.29	13,482	15,133	214.81	14,913	22,515
214.30	13,510	15,268	214.82	14,940	22,665
214.31	13,538	15,403	214.83	14,968	22,814
214.32	13,565	15,538	214.84	14,995	22,964
214.33	13,593	15,674	214.85	15,022	23,114
214.34	13,620	15,810	214.86	15,050	23,265
214.35	13,647	15,947	214.87	15,078	23,415
214.36	13,675	16,083	214.88	15,105	23,566
214.37	13,703	16,220	214.89	15,132	23,717
214.38	13,730	16,357	214.90	15,160	23,869
214.39	13,757	16,495	214.91	15,187	24,020
214.40	13,785	16,633	214.92	15,215	24,172
214.41	13,812	16,770	214.93	15,243	24,325
214.42	13,840	16,909	214.94	15,270	24,477
214.43	13,868	17,047	214.95	15,297	24,630
214.44	13,895	17,186	214.96	15,325	24,783
214.45	13,922	17,325	214.97	15,352	24,937
214.46	13,950	17,465	214.98	15,380	25,090
214.47	13,977	17,604	214.99	15,408	25,244
214.48	14,005	17,744	215.00	15,435	25,399
214.49	14,033	17,884	215.01	15,463	25,553
214.50	14,060	18,025	215.02	15,491	25,708
214.51	14,087	18,165	215.03	15,519	25,863
214.52	14,115	18,307	215.04	15,547	26,018
214.53	14,143	18,448	215.05	15,575	26,174
214.54	14,170	18,589	215.06	15,603	26,330
214.55	14,198	18,731	215.07	15,631	26,486

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
215.08	15,659	26,642	215.60	17,119	35,165
215.09	15,688	26,799	215.61	17,147	35,336
215.10	15,716	26,956	215.62	17,175	35,508
215.11	15,744	27,113	215.63	17,203	35,679
215.12	15,772	27,271	215.64	17,231	35,852
215.13	15,800	27,429	215.65	17,259	36,024
215.14	15,828	27,587	215.66	17,287	36,197
215.15	15,856	27,745	215.67	17,315	36,370
215.16	15,884	27,904	215.68	17,343	36,543
215.17	15,912	28,063	215.69	17,371	36,717
215.18	15,940	28,222	215.70	17,399	36,890
215.19	15,968	28,382	215.71	17,427	37,065
215.20	15,996	28,542	215.72	17,455	37,239
215.21	16,024	28,702	215.73	17,483	37,414
215.22	16,052	28,862	215.74	17,511	37,589
215.23	16,080	29,023	215.75	17,540	37,764
215.24	16,108	29,184	215.76	17,568	37,939
215.25	16,137	29,345	215.77	17,596	38,115
215.26	16,165	29,506	215.78	17,624	38,291
215.27	16,193	29,668	215.79	17,652	38,468
215.28	16,221	29,830	215.80	17,680	38,644
215.29	16,249	29,993	215.81	17,708	38,821
215.30	16,277	30,155	215.82	17,736	38,999
215.31	16,305	30,318	215.83	17,764	39,176
215.32	16,333	30,481	215.84	17,792	39,354
215.33	16,361	30,645	215.85	17,820	39,532
215.34	16,389	30,809	215.86	17,848	39,710
215.35	16,417	30,973	215.87	17,876	39,889
215.36	16,445	31,137	215.88	17,904	40,068
215.37	16,473	31,302	215.89	17,932	40,247
215.38	16,501	31,466	215.90	17,960	40,426
215.39	16,529	31,632	215.91	17,988	40,606
215.40	16,557	31,797	215.92	18,017	40,786
215.41	16,585	31,963	215.93	18,045	40,967
215.42	16,614	32,129	215.94	18,073	41,147
215.43	16,642	32,295	215.95	18,101	41,328
215.44	16,670	32,462	215.96	18,129	41,509
215.45	16,698	32,628	215.97	18,157	41,691
215.46	16,726	32,795	215.98	18,185	41,872
215.47	16,754	32,963	215.99	18,213	42,054
215.48	16,782	33,131	216.00	18,241	42,237
215.49	16,810	33,299	216.01	18,279	42,419
215.50	16,838	33,467	216.02	18,317	42,602
215.51	16,866	33,635	216.03	18,356	42,785
215.52	16,894	33,804	216.04	18,394	42,969
215.53	16,922	33,973	216.05	18,432	43,153
215.54	16,950	34,143	216.06	18,470	43,338
215.55	16,978	34,312	216.07	18,508	43,523
215.56	17,006	34,482	216.08	18,546	43,708
215.57	17,034	34,652	216.09	18,585	43,894
215.58	17,062	34,823	216.10	18,623	44,080
215.59	17,091	34,994	216.11	18,661	44,266

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
216.12	18,699	44,453	216.64	20,684	54,693
216.13	18,737	44,640	216.65	20,722	54,900
216.14	18,775	44,828	216.66	20,760	55,107
216.15	18,814	45,016	216.67	20,799	55,315
216.16	18,852	45,204	216.68	20,837	55,523
216.17	18,890	45,393	216.69	20,875	55,732
216.18	18,928	45,582	216.70	20,913	55,940
216.19	18,966	45,771	216.71	20,951	56,150
216.20	19,004	45,961	216.72	20,989	56,359
216.21	19,043	46,151	216.73	21,028	56,570
216.22	19,081	46,342	216.74	21,066	56,780
216.23	19,119	46,533	216.75	21,104	56,991
216.24	19,157	46,724			
216.25	19,195	46,916			
216.26	19,234	47,108			
216.27	19,272	47,301			
216.28	19,310	47,494			
216.29	19,348	47,687			
216.30	19,386	47,881			
216.31	19,424	48,075			
216.32	19,463	48,269			
216.33	19,501	48,464			
216.34	19,539	48,659			
216.35	19,577	48,855			
216.36	19,615	49,051			
216.37	19,653	49,247			
216.38	19,692	49,444			
216.39	19,730	49,641			
216.40	19,768	49,838			
216.41	19,806	50,036			
216.42	19,844	50,234			
216.43	19,882	50,433			
216.44	19,921	50,632			
216.45	19,959	50,831			
216.46	19,997	51,031			
216.47	20,035	51,231			
216.48	20,073	51,432			
216.49	20,111	51,633			
216.50	20,150	51,834			
216.51	20,188	52,036			
216.52	20,226	52,238			
216.53	20,264	52,440			
216.54	20,302	52,643			
216.55	20,341	52,846			
216.56	20,379	53,050			
216.57	20,417	53,254			
216.58	20,455	53,458			
216.59	20,493	53,663			
216.60	20,531	53,868			
216.61	20,570	54,074			
216.62	20,608	54,280			
216.63	20,646	54,486			

Summary for Pond B-4A: Basin #4A

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 2.27" for Future 2 yr event
 Inflow = 5.38 cfs @ 12.17 hrs, Volume= 0.441 af
 Outflow = 0.63 cfs @ 13.10 hrs, Volume= 0.158 af, Atten= 88%, Lag= 55.5 min
 Primary = 0.63 cfs @ 13.10 hrs, Volume= 0.158 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.53' @ 13.10 hrs Surf.Area= 5,925 sf Storage= 12,541 cf

Plug-Flow detention time= 364.1 min calculated for 0.158 af (36% of inflow)
 Center-of-Mass det. time= 207.1 min (1,006.1 - 799.1)

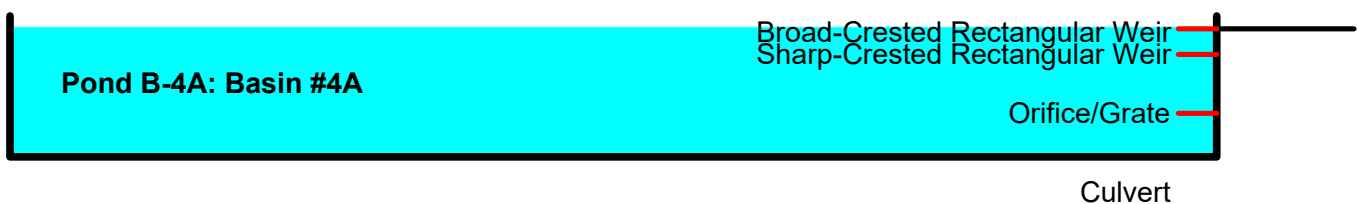
Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	13,855 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	3,912	0	0
204.00	4,724	4,318	4,318
205.00	5,604	5,164	9,482
205.75	6,057	4,373	13,855

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 37.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0541 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.85'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

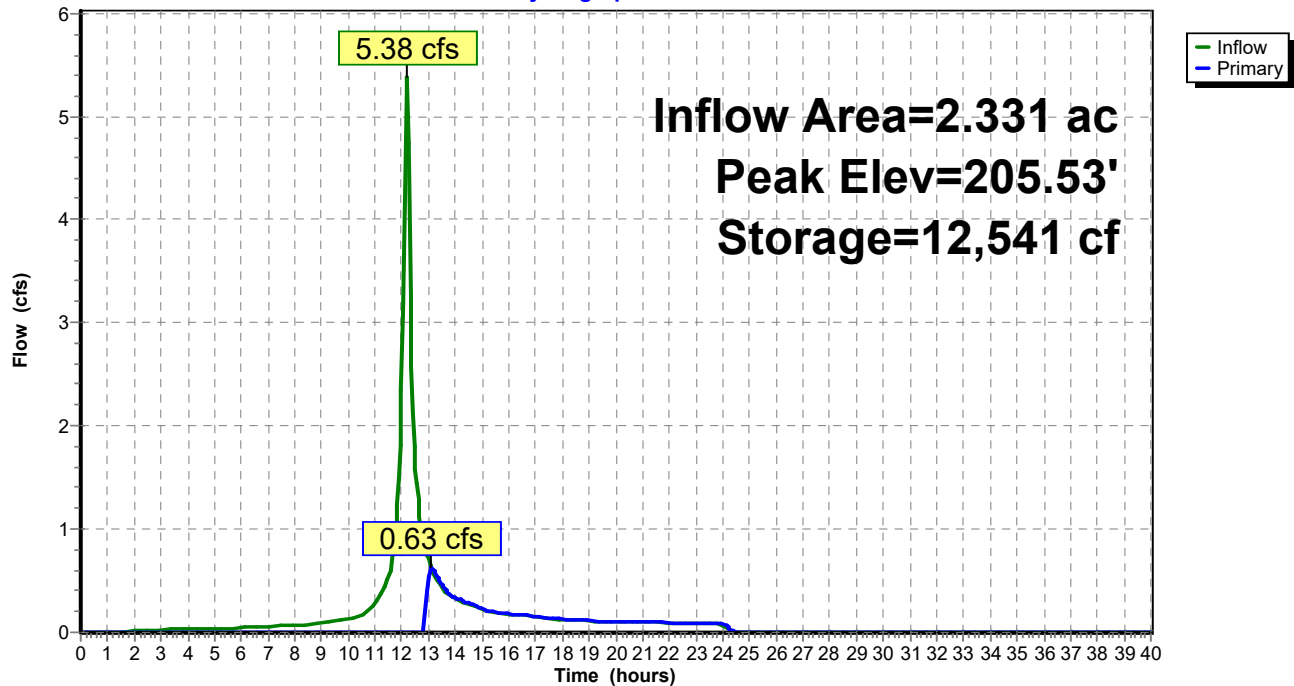
Primary OutFlow Max=0.63 cfs @ 13.10 hrs HW=205.53' (Free Discharge)

1=Broad-Crested Rectangular Weir (Weir Controls 0.63 cfs @ 0.41 fps)
 2=Culvert (Passes < 1.12 cfs potential flow)
 3=Orifice/Grate (Passes < 2.53 cfs potential flow)
 4=Sharp-Crested Rectangular Weir (Passes < 1.91 cfs potential flow)



Pond B-4A: Basin #4A

Hydrograph



Hydrograph for Pond B-4A: Basin #4A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.00	0	203.00	0.00
0.80	0.00	0	203.00	0.00
0.90	0.00	0	203.00	0.00
1.00	0.00	0	203.00	0.00
1.10	0.00	0	203.00	0.00
1.20	0.00	0	203.00	0.00
1.30	0.00	1	203.00	0.00
1.40	0.00	2	203.00	0.00
1.50	0.01	4	203.00	0.00
1.60	0.01	6	203.00	0.00
1.70	0.01	9	203.00	0.00
1.80	0.01	12	203.00	0.00
1.90	0.01	16	203.00	0.00
2.00	0.01	20	203.01	0.00
2.10	0.01	24	203.01	0.00
2.20	0.01	29	203.01	0.00
2.30	0.02	34	203.01	0.00
2.40	0.02	40	203.01	0.00
2.50	0.02	46	203.01	0.00
2.60	0.02	52	203.01	0.00
2.70	0.02	59	203.02	0.00
2.80	0.02	66	203.02	0.00
2.90	0.02	74	203.02	0.00
3.00	0.02	82	203.02	0.00
3.10	0.02	90	203.02	0.00
3.20	0.02	98	203.03	0.00
3.30	0.02	107	203.03	0.00
3.40	0.03	116	203.03	0.00
3.50	0.03	125	203.03	0.00
3.60	0.03	135	203.03	0.00
3.70	0.03	145	203.04	0.00
3.80	0.03	155	203.04	0.00
3.90	0.03	166	203.04	0.00
4.00	0.03	176	203.04	0.00
4.10	0.03	187	203.05	0.00
4.20	0.03	199	203.05	0.00
4.30	0.03	210	203.05	0.00
4.40	0.03	222	203.06	0.00
4.50	0.03	234	203.06	0.00
4.60	0.03	246	203.06	0.00
4.70	0.04	259	203.07	0.00
4.80	0.04	272	203.07	0.00
4.90	0.04	284	203.07	0.00
5.00	0.04	298	203.08	0.00
5.10	0.04	311	203.08	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	325	203.08	0.00
5.30	0.04	339	203.09	0.00
5.40	0.04	353	203.09	0.00
5.50	0.04	367	203.09	0.00
5.60	0.04	382	203.10	0.00
5.70	0.04	396	203.10	0.00
5.80	0.04	411	203.10	0.00
5.90	0.04	426	203.11	0.00
6.00	0.04	442	203.11	0.00
6.10	0.04	457	203.12	0.00
6.20	0.04	473	203.12	0.00
6.30	0.05	489	203.12	0.00
6.40	0.05	506	203.13	0.00
6.50	0.05	524	203.13	0.00
6.60	0.05	541	203.14	0.00
6.70	0.05	560	203.14	0.00
6.80	0.05	579	203.15	0.00
6.90	0.05	598	203.15	0.00
7.00	0.06	618	203.16	0.00
7.10	0.06	638	203.16	0.00
7.20	0.06	659	203.17	0.00
7.30	0.06	680	203.17	0.00
7.40	0.06	702	203.18	0.00
7.50	0.06	724	203.18	0.00
7.60	0.06	747	203.19	0.00
7.70	0.07	771	203.19	0.00
7.80	0.07	795	203.20	0.00
7.90	0.07	819	203.21	0.00
8.00	0.07	844	203.21	0.00
8.10	0.07	870	203.22	0.00
8.20	0.07	896	203.22	0.00
8.30	0.07	922	203.23	0.00
8.40	0.08	949	203.24	0.00
8.50	0.08	977	203.24	0.00
8.60	0.08	1,005	203.25	0.00
8.70	0.08	1,034	203.26	0.00
8.80	0.08	1,063	203.26	0.00
8.90	0.08	1,092	203.27	0.00
9.00	0.08	1,123	203.28	0.00
9.10	0.09	1,153	203.29	0.00
9.20	0.09	1,185	203.29	0.00
9.30	0.10	1,219	203.30	0.00
9.40	0.10	1,254	203.31	0.00
9.50	0.11	1,291	203.32	0.00
9.60	0.11	1,330	203.33	0.00
9.70	0.12	1,371	203.34	0.00
9.80	0.12	1,413	203.35	0.00
9.90	0.13	1,457	203.36	0.00
10.00	0.13	1,503	203.37	0.00
10.10	0.14	1,551	203.38	0.00
10.20	0.14	1,601	203.39	0.00
10.30	0.15	1,653	203.41	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,708	203.42	0.00
10.50	0.17	1,766	203.43	0.00
10.60	0.18	1,828	203.45	0.00
10.70	0.20	1,895	203.46	0.00
10.80	0.22	1,970	203.48	0.00
10.90	0.25	2,055	203.50	0.00
11.00	0.27	2,148	203.52	0.00
11.10	0.31	2,253	203.55	0.00
11.20	0.35	2,372	203.57	0.00
11.30	0.40	2,508	203.60	0.00
11.40	0.46	2,664	203.64	0.00
11.50	0.52	2,839	203.68	0.00
11.60	0.64	3,043	203.72	0.00
11.70	0.86	3,314	203.78	0.00
11.80	1.07	3,657	203.86	0.00
11.90	1.49	4,110	203.96	0.00
12.00	2.34	4,781	204.10	0.00
12.10	4.16	5,921	204.33	0.00
12.20	5.24	7,712	204.68	0.00
12.30	3.25	9,238	204.96	0.00
12.40	2.13	10,187	205.12	0.00
12.50	1.58	10,843	205.24	0.00
12.60	1.29	11,363	205.33	0.00
12.70	0.98	11,767	205.40	0.00
12.80	0.85	12,095	205.46	0.00
12.90	0.77	12,381	205.50	0.04
13.00	0.69	12,521	205.53	0.55
13.10	0.62	12,541	205.53	0.63
13.20	0.56	12,532	205.53	0.59
13.30	0.51	12,520	205.53	0.55
13.40	0.47	12,508	205.53	0.50
13.50	0.43	12,497	205.52	0.46
13.60	0.39	12,486	205.52	0.42
13.70	0.36	12,476	205.52	0.39
13.80	0.35	12,469	205.52	0.36
13.90	0.33	12,465	205.52	0.34
14.00	0.32	12,461	205.52	0.33
14.10	0.31	12,458	205.52	0.32
14.20	0.30	12,456	205.52	0.31
14.30	0.29	12,453	205.52	0.30
14.40	0.28	12,450	205.52	0.29
14.50	0.27	12,447	205.51	0.28
14.60	0.26	12,445	205.51	0.27
14.70	0.25	12,442	205.51	0.26
14.80	0.24	12,439	205.51	0.25
14.90	0.23	12,436	205.51	0.24
15.00	0.22	12,433	205.51	0.23
15.10	0.21	12,430	205.51	0.22
15.20	0.20	12,428	205.51	0.21
15.30	0.20	12,426	205.51	0.20
15.40	0.20	12,424	205.51	0.20
15.50	0.19	12,424	205.51	0.19

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	12,423	205.51	0.19
15.70	0.19	12,422	205.51	0.19
15.80	0.18	12,421	205.51	0.19
15.90	0.18	12,421	205.51	0.18
16.00	0.18	12,420	205.51	0.18
16.10	0.18	12,419	205.51	0.18
16.20	0.17	12,418	205.51	0.18
16.30	0.17	12,418	205.51	0.17
16.40	0.17	12,417	205.51	0.17
16.50	0.17	12,416	205.51	0.17
16.60	0.16	12,415	205.51	0.16
16.70	0.16	12,415	205.51	0.16
16.80	0.16	12,414	205.51	0.16
16.90	0.15	12,413	205.51	0.16
17.00	0.15	12,412	205.51	0.15
17.10	0.15	12,412	205.51	0.15
17.20	0.15	12,411	205.51	0.15
17.30	0.14	12,410	205.51	0.15
17.40	0.14	12,409	205.51	0.14
17.50	0.14	12,408	205.51	0.14
17.60	0.13	12,408	205.51	0.14
17.70	0.13	12,407	205.51	0.13
17.80	0.13	12,406	205.51	0.13
17.90	0.13	12,405	205.51	0.13
18.00	0.12	12,405	205.51	0.13
18.10	0.12	12,404	205.51	0.12
18.20	0.12	12,403	205.51	0.12
18.30	0.12	12,403	205.51	0.12
18.40	0.12	12,402	205.51	0.12
18.50	0.12	12,402	205.51	0.12
18.60	0.11	12,402	205.51	0.12
18.70	0.11	12,402	205.51	0.11
18.80	0.11	12,401	205.51	0.11
18.90	0.11	12,401	205.51	0.11
19.00	0.11	12,401	205.51	0.11
19.10	0.11	12,401	205.51	0.11
19.20	0.11	12,401	205.51	0.11
19.30	0.11	12,401	205.51	0.11
19.40	0.11	12,400	205.51	0.11
19.50	0.11	12,400	205.51	0.11
19.60	0.11	12,400	205.51	0.11
19.70	0.11	12,400	205.51	0.11
19.80	0.11	12,400	205.51	0.11
19.90	0.11	12,399	205.51	0.11
20.00	0.11	12,399	205.51	0.11
20.10	0.10	12,399	205.51	0.11
20.20	0.10	12,399	205.51	0.10
20.30	0.10	12,399	205.51	0.10
20.40	0.10	12,398	205.51	0.10
20.50	0.10	12,398	205.51	0.10
20.60	0.10	12,398	205.51	0.10
20.70	0.10	12,398	205.51	0.10

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	12,398	205.51	0.10
20.90	0.10	12,398	205.51	0.10
21.00	0.10	12,397	205.51	0.10
21.10	0.10	12,397	205.51	0.10
21.20	0.10	12,397	205.51	0.10
21.30	0.10	12,397	205.51	0.10
21.40	0.10	12,397	205.51	0.10
21.50	0.09	12,396	205.51	0.10
21.60	0.09	12,396	205.51	0.09
21.70	0.09	12,396	205.51	0.09
21.80	0.09	12,396	205.51	0.09
21.90	0.09	12,396	205.51	0.09
22.00	0.09	12,395	205.51	0.09
22.10	0.09	12,395	205.51	0.09
22.20	0.09	12,395	205.51	0.09
22.30	0.09	12,395	205.51	0.09
22.40	0.09	12,395	205.51	0.09
22.50	0.09	12,394	205.51	0.09
22.60	0.09	12,394	205.51	0.09
22.70	0.09	12,394	205.51	0.09
22.80	0.09	12,394	205.51	0.09
22.90	0.08	12,394	205.51	0.09
23.00	0.08	12,393	205.51	0.08
23.10	0.08	12,393	205.51	0.08
23.20	0.08	12,393	205.51	0.08
23.30	0.08	12,393	205.51	0.08
23.40	0.08	12,393	205.51	0.08
23.50	0.08	12,392	205.51	0.08
23.60	0.08	12,392	205.51	0.08
23.70	0.08	12,392	205.51	0.08
23.80	0.08	12,392	205.51	0.08
23.90	0.08	12,392	205.51	0.08
24.00	0.08	12,392	205.51	0.08
24.10	0.07	12,392	205.51	0.08
24.20	0.02	12,384	205.50	0.05
24.30	0.00	12,376	205.50	0.02
24.40	0.00	12,371	205.50	0.01
24.50	0.00	12,368	205.50	0.01
24.60	0.00	12,365	205.50	0.01
24.70	0.00	12,364	205.50	0.00
24.80	0.00	12,362	205.50	0.00
24.90	0.00	12,361	205.50	0.00
25.00	0.00	12,361	205.50	0.00
25.10	0.00	12,360	205.50	0.00
25.20	0.00	12,360	205.50	0.00
25.30	0.00	12,360	205.50	0.00
25.40	0.00	12,360	205.50	0.00
25.50	0.00	12,360	205.50	0.00
25.60	0.00	12,360	205.50	0.00
25.70	0.00	12,360	205.50	0.00
25.80	0.00	12,360	205.50	0.00
25.90	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,360	205.50	0.00
26.10	0.00	12,360	205.50	0.00
26.20	0.00	12,360	205.50	0.00
26.30	0.00	12,360	205.50	0.00
26.40	0.00	12,360	205.50	0.00
26.50	0.00	12,360	205.50	0.00
26.60	0.00	12,360	205.50	0.00
26.70	0.00	12,360	205.50	0.00
26.80	0.00	12,360	205.50	0.00
26.90	0.00	12,360	205.50	0.00
27.00	0.00	12,360	205.50	0.00
27.10	0.00	12,360	205.50	0.00
27.20	0.00	12,360	205.50	0.00
27.30	0.00	12,360	205.50	0.00
27.40	0.00	12,360	205.50	0.00
27.50	0.00	12,360	205.50	0.00
27.60	0.00	12,360	205.50	0.00
27.70	0.00	12,360	205.50	0.00
27.80	0.00	12,360	205.50	0.00
27.90	0.00	12,360	205.50	0.00
28.00	0.00	12,360	205.50	0.00
28.10	0.00	12,360	205.50	0.00
28.20	0.00	12,360	205.50	0.00
28.30	0.00	12,360	205.50	0.00
28.40	0.00	12,360	205.50	0.00
28.50	0.00	12,360	205.50	0.00
28.60	0.00	12,360	205.50	0.00
28.70	0.00	12,360	205.50	0.00
28.80	0.00	12,360	205.50	0.00
28.90	0.00	12,360	205.50	0.00
29.00	0.00	12,360	205.50	0.00
29.10	0.00	12,360	205.50	0.00
29.20	0.00	12,360	205.50	0.00
29.30	0.00	12,360	205.50	0.00
29.40	0.00	12,360	205.50	0.00
29.50	0.00	12,360	205.50	0.00
29.60	0.00	12,360	205.50	0.00
29.70	0.00	12,360	205.50	0.00
29.80	0.00	12,360	205.50	0.00
29.90	0.00	12,360	205.50	0.00
30.00	0.00	12,360	205.50	0.00
30.10	0.00	12,360	205.50	0.00
30.20	0.00	12,360	205.50	0.00
30.30	0.00	12,360	205.50	0.00
30.40	0.00	12,360	205.50	0.00
30.50	0.00	12,360	205.50	0.00
30.60	0.00	12,360	205.50	0.00
30.70	0.00	12,360	205.50	0.00
30.80	0.00	12,360	205.50	0.00
30.90	0.00	12,360	205.50	0.00
31.00	0.00	12,360	205.50	0.00
31.10	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,360	205.50	0.00
31.30	0.00	12,360	205.50	0.00
31.40	0.00	12,360	205.50	0.00
31.50	0.00	12,360	205.50	0.00
31.60	0.00	12,360	205.50	0.00
31.70	0.00	12,360	205.50	0.00
31.80	0.00	12,360	205.50	0.00
31.90	0.00	12,360	205.50	0.00
32.00	0.00	12,360	205.50	0.00
32.10	0.00	12,360	205.50	0.00
32.20	0.00	12,360	205.50	0.00
32.30	0.00	12,360	205.50	0.00
32.40	0.00	12,360	205.50	0.00
32.50	0.00	12,360	205.50	0.00
32.60	0.00	12,360	205.50	0.00
32.70	0.00	12,360	205.50	0.00
32.80	0.00	12,360	205.50	0.00
32.90	0.00	12,360	205.50	0.00
33.00	0.00	12,360	205.50	0.00
33.10	0.00	12,360	205.50	0.00
33.20	0.00	12,360	205.50	0.00
33.30	0.00	12,360	205.50	0.00
33.40	0.00	12,360	205.50	0.00
33.50	0.00	12,360	205.50	0.00
33.60	0.00	12,360	205.50	0.00
33.70	0.00	12,360	205.50	0.00
33.80	0.00	12,360	205.50	0.00
33.90	0.00	12,360	205.50	0.00
34.00	0.00	12,360	205.50	0.00
34.10	0.00	12,360	205.50	0.00
34.20	0.00	12,360	205.50	0.00
34.30	0.00	12,360	205.50	0.00
34.40	0.00	12,360	205.50	0.00
34.50	0.00	12,360	205.50	0.00
34.60	0.00	12,360	205.50	0.00
34.70	0.00	12,360	205.50	0.00
34.80	0.00	12,360	205.50	0.00
34.90	0.00	12,360	205.50	0.00
35.00	0.00	12,360	205.50	0.00
35.10	0.00	12,360	205.50	0.00
35.20	0.00	12,360	205.50	0.00
35.30	0.00	12,360	205.50	0.00
35.40	0.00	12,360	205.50	0.00
35.50	0.00	12,360	205.50	0.00
35.60	0.00	12,360	205.50	0.00
35.70	0.00	12,360	205.50	0.00
35.80	0.00	12,360	205.50	0.00
35.90	0.00	12,360	205.50	0.00
36.00	0.00	12,360	205.50	0.00
36.10	0.00	12,360	205.50	0.00
36.20	0.00	12,360	205.50	0.00
36.30	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	12,360	205.50	0.00
36.50	0.00	12,360	205.50	0.00
36.60	0.00	12,360	205.50	0.00
36.70	0.00	12,360	205.50	0.00
36.80	0.00	12,360	205.50	0.00
36.90	0.00	12,360	205.50	0.00
37.00	0.00	12,360	205.50	0.00
37.10	0.00	12,360	205.50	0.00
37.20	0.00	12,360	205.50	0.00
37.30	0.00	12,360	205.50	0.00
37.40	0.00	12,360	205.50	0.00
37.50	0.00	12,360	205.50	0.00
37.60	0.00	12,360	205.50	0.00
37.70	0.00	12,360	205.50	0.00
37.80	0.00	12,360	205.50	0.00
37.90	0.00	12,360	205.50	0.00
38.00	0.00	12,360	205.50	0.00
38.10	0.00	12,360	205.50	0.00
38.20	0.00	12,360	205.50	0.00
38.30	0.00	12,360	205.50	0.00
38.40	0.00	12,360	205.50	0.00
38.50	0.00	12,360	205.50	0.00
38.60	0.00	12,360	205.50	0.00
38.70	0.00	12,360	205.50	0.00
38.80	0.00	12,360	205.50	0.00
38.90	0.00	12,360	205.50	0.00
39.00	0.00	12,360	205.50	0.00
39.10	0.00	12,360	205.50	0.00
39.20	0.00	12,360	205.50	0.00
39.30	0.00	12,360	205.50	0.00
39.40	0.00	12,360	205.50	0.00
39.50	0.00	12,360	205.50	0.00
39.60	0.00	12,360	205.50	0.00
39.70	0.00	12,360	205.50	0.00
39.80	0.00	12,360	205.50	0.00
39.90	0.00	12,360	205.50	0.00
40.00	0.00	12,360	205.50	0.00

Stage-Discharge for Pond B-4A: Basin #4A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.00
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.00
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.00
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.00
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.00
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.00
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.00

Stage-Discharge for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.00	205.60	3.72
205.09	0.00	205.61	4.29
205.10	0.00	205.62	4.89
205.11	0.00	205.63	5.52
205.12	0.00	205.64	6.17
205.13	0.00	205.65	6.85
205.14	0.00	205.66	7.55
205.15	0.00	205.67	8.27
205.16	0.00	205.68	9.01
205.17	0.00	205.69	9.78
205.18	0.00	205.70	10.57
205.19	0.00	205.71	11.41
205.20	0.00	205.72	12.28
205.21	0.00	205.73	13.18
205.22	0.00	205.74	14.11
205.23	0.00	205.75	15.05
205.24	0.00		
205.25	0.00		
205.26	0.00		
205.27	0.00		
205.28	0.00		
205.29	0.00		
205.30	0.00		
205.31	0.00		
205.32	0.00		
205.33	0.00		
205.34	0.00		
205.35	0.00		
205.36	0.00		
205.37	0.00		
205.38	0.00		
205.39	0.00		
205.40	0.00		
205.41	0.00		
205.42	0.00		
205.43	0.00		
205.44	0.00		
205.45	0.00		
205.46	0.00		
205.47	0.00		
205.48	0.00		
205.49	0.00		
205.50	0.00		
205.51	0.12		
205.52	0.33		
205.53	0.61		
205.54	0.94		
205.55	1.31		
205.56	1.72		
205.57	2.17		
205.58	2.66		
205.59	3.17		

Stage-Area-Storage for Pond B-4A: Basin #4A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	3,912	0	203.52	4,334	2,144
203.01	3,920	39	203.53	4,342	2,187
203.02	3,928	78	203.54	4,350	2,231
203.03	3,936	118	203.55	4,359	2,274
203.04	3,944	157	203.56	4,367	2,318
203.05	3,953	197	203.57	4,375	2,362
203.06	3,961	236	203.58	4,383	2,406
203.07	3,969	276	203.59	4,391	2,449
203.08	3,977	316	203.60	4,399	2,493
203.09	3,985	355	203.61	4,407	2,537
203.10	3,993	395	203.62	4,415	2,582
203.11	4,001	435	203.63	4,424	2,626
203.12	4,009	475	203.64	4,432	2,670
203.13	4,018	515	203.65	4,440	2,714
203.14	4,026	556	203.66	4,448	2,759
203.15	4,034	596	203.67	4,456	2,803
203.16	4,042	636	203.68	4,464	2,848
203.17	4,050	677	203.69	4,472	2,893
203.18	4,058	717	203.70	4,480	2,937
203.19	4,066	758	203.71	4,489	2,982
203.20	4,074	799	203.72	4,497	3,027
203.21	4,083	839	203.73	4,505	3,072
203.22	4,091	880	203.74	4,513	3,117
203.23	4,099	921	203.75	4,521	3,162
203.24	4,107	962	203.76	4,529	3,208
203.25	4,115	1,003	203.77	4,537	3,253
203.26	4,123	1,045	203.78	4,545	3,298
203.27	4,131	1,086	203.79	4,553	3,344
203.28	4,139	1,127	203.80	4,562	3,389
203.29	4,147	1,169	203.81	4,570	3,435
203.30	4,156	1,210	203.82	4,578	3,481
203.31	4,164	1,252	203.83	4,586	3,527
203.32	4,172	1,293	203.84	4,594	3,573
203.33	4,180	1,335	203.85	4,602	3,619
203.34	4,188	1,377	203.86	4,610	3,665
203.35	4,196	1,419	203.87	4,618	3,711
203.36	4,204	1,461	203.88	4,627	3,757
203.37	4,212	1,503	203.89	4,635	3,803
203.38	4,221	1,545	203.90	4,643	3,850
203.39	4,229	1,587	203.91	4,651	3,896
203.40	4,237	1,630	203.92	4,659	3,943
203.41	4,245	1,672	203.93	4,667	3,989
203.42	4,253	1,715	203.94	4,675	4,036
203.43	4,261	1,757	203.95	4,683	4,083
203.44	4,269	1,800	203.96	4,692	4,130
203.45	4,277	1,843	203.97	4,700	4,177
203.46	4,286	1,885	203.98	4,708	4,224
203.47	4,294	1,928	203.99	4,716	4,271
203.48	4,302	1,971	204.00	4,724	4,318
203.49	4,310	2,014	204.01	4,733	4,365
203.50	4,318	2,058	204.02	4,742	4,413
203.51	4,326	2,101	204.03	4,750	4,460

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	4,759	4,508	204.56	5,217	7,101
204.05	4,768	4,555	204.57	5,226	7,154
204.06	4,777	4,603	204.58	5,234	7,206
204.07	4,786	4,651	204.59	5,243	7,258
204.08	4,794	4,699	204.60	5,252	7,311
204.09	4,803	4,747	204.61	5,261	7,363
204.10	4,812	4,795	204.62	5,270	7,416
204.11	4,821	4,843	204.63	5,278	7,469
204.12	4,830	4,891	204.64	5,287	7,522
204.13	4,838	4,940	204.65	5,296	7,575
204.14	4,847	4,988	204.66	5,305	7,628
204.15	4,856	5,037	204.67	5,314	7,681
204.16	4,865	5,085	204.68	5,322	7,734
204.17	4,874	5,134	204.69	5,331	7,787
204.18	4,882	5,183	204.70	5,340	7,840
204.19	4,891	5,231	204.71	5,349	7,894
204.20	4,900	5,280	204.72	5,358	7,947
204.21	4,909	5,329	204.73	5,366	8,001
204.22	4,918	5,379	204.74	5,375	8,055
204.23	4,926	5,428	204.75	5,384	8,109
204.24	4,935	5,477	204.76	5,393	8,162
204.25	4,944	5,527	204.77	5,402	8,216
204.26	4,953	5,576	204.78	5,410	8,270
204.27	4,962	5,626	204.79	5,419	8,325
204.28	4,970	5,675	204.80	5,428	8,379
204.29	4,979	5,725	204.81	5,437	8,433
204.30	4,988	5,775	204.82	5,446	8,488
204.31	4,997	5,825	204.83	5,454	8,542
204.32	5,006	5,875	204.84	5,463	8,597
204.33	5,014	5,925	204.85	5,472	8,651
204.34	5,023	5,975	204.86	5,481	8,706
204.35	5,032	6,025	204.87	5,490	8,761
204.36	5,041	6,076	204.88	5,498	8,816
204.37	5,050	6,126	204.89	5,507	8,871
204.38	5,058	6,177	204.90	5,516	8,926
204.39	5,067	6,227	204.91	5,525	8,981
204.40	5,076	6,278	204.92	5,534	9,036
204.41	5,085	6,329	204.93	5,542	9,092
204.42	5,094	6,380	204.94	5,551	9,147
204.43	5,102	6,431	204.95	5,560	9,203
204.44	5,111	6,482	204.96	5,569	9,259
204.45	5,120	6,533	204.97	5,578	9,314
204.46	5,129	6,584	204.98	5,586	9,370
204.47	5,138	6,635	204.99	5,595	9,426
204.48	5,146	6,687	205.00	5,604	9,482
204.49	5,155	6,738	205.01	5,610	9,538
204.50	5,164	6,790	205.02	5,616	9,594
204.51	5,173	6,842	205.03	5,622	9,650
204.52	5,182	6,893	205.04	5,628	9,707
204.53	5,190	6,945	205.05	5,634	9,763
204.54	5,199	6,997	205.06	5,640	9,819
204.55	5,208	7,049	205.07	5,646	9,876

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	5,652	9,932	205.60	5,966	12,953
205.09	5,658	9,989	205.61	5,972	13,013
205.10	5,664	10,045	205.62	5,978	13,073
205.11	5,670	10,102	205.63	5,985	13,132
205.12	5,676	10,159	205.64	5,991	13,192
205.13	5,683	10,216	205.65	5,997	13,252
205.14	5,689	10,272	205.66	6,003	13,312
205.15	5,695	10,329	205.67	6,009	13,372
205.16	5,701	10,386	205.68	6,015	13,432
205.17	5,707	10,443	205.69	6,021	13,493
205.18	5,713	10,501	205.70	6,027	13,553
205.19	5,719	10,558	205.71	6,033	13,613
205.20	5,725	10,615	205.72	6,039	13,673
205.21	5,731	10,672	205.73	6,045	13,734
205.22	5,737	10,729	205.74	6,051	13,794
205.23	5,743	10,787	205.75	6,057	13,855
205.24	5,749	10,844			
205.25	5,755	10,902			
205.26	5,761	10,959			
205.27	5,767	11,017			
205.28	5,773	11,075			
205.29	5,779	11,133			
205.30	5,785	11,190			
205.31	5,791	11,248			
205.32	5,797	11,306			
205.33	5,803	11,364			
205.34	5,809	11,422			
205.35	5,815	11,480			
205.36	5,821	11,539			
205.37	5,827	11,597			
205.38	5,834	11,655			
205.39	5,840	11,713			
205.40	5,846	11,772			
205.41	5,852	11,830			
205.42	5,858	11,889			
205.43	5,864	11,948			
205.44	5,870	12,006			
205.45	5,876	12,065			
205.46	5,882	12,124			
205.47	5,888	12,183			
205.48	5,894	12,242			
205.49	5,900	12,300			
205.50	5,906	12,360			
205.51	5,912	12,419			
205.52	5,918	12,478			
205.53	5,924	12,537			
205.54	5,930	12,596			
205.55	5,936	12,656			
205.56	5,942	12,715			
205.57	5,948	12,774			
205.58	5,954	12,834			
205.59	5,960	12,893			

Summary for Pond B-4B: Basin #4B

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 2.27" for Future 2 yr event
 Inflow = 5.38 cfs @ 12.17 hrs, Volume= 0.441 af
 Outflow = 0.75 cfs @ 12.93 hrs, Volume= 0.197 af, Atten= 86%, Lag= 45.2 min
 Primary = 0.75 cfs @ 12.93 hrs, Volume= 0.197 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.15' @ 12.93 hrs Surf.Area= 6,500 sf Storage= 11,597 cf

Plug-Flow detention time= 323.7 min calculated for 0.197 af (45% of inflow)
 Center-of-Mass det. time= 184.8 min (983.8 - 799.1)

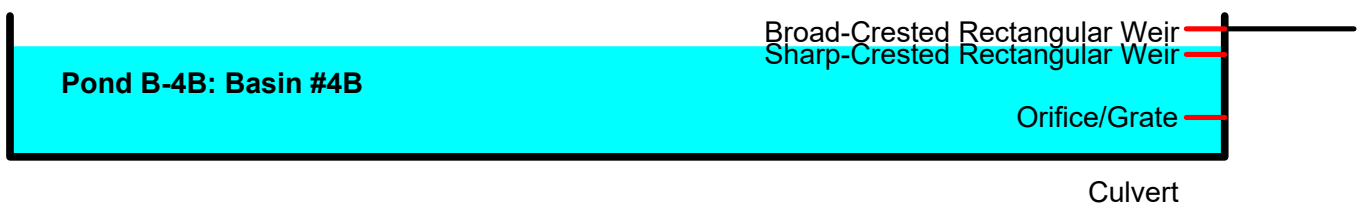
Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	15,634 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	4,292	0	0
204.00	5,294	4,793	4,793
205.00	6,393	5,844	10,637
205.75	6,934	4,998	15,634

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 35.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0571 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.77'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Primary	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

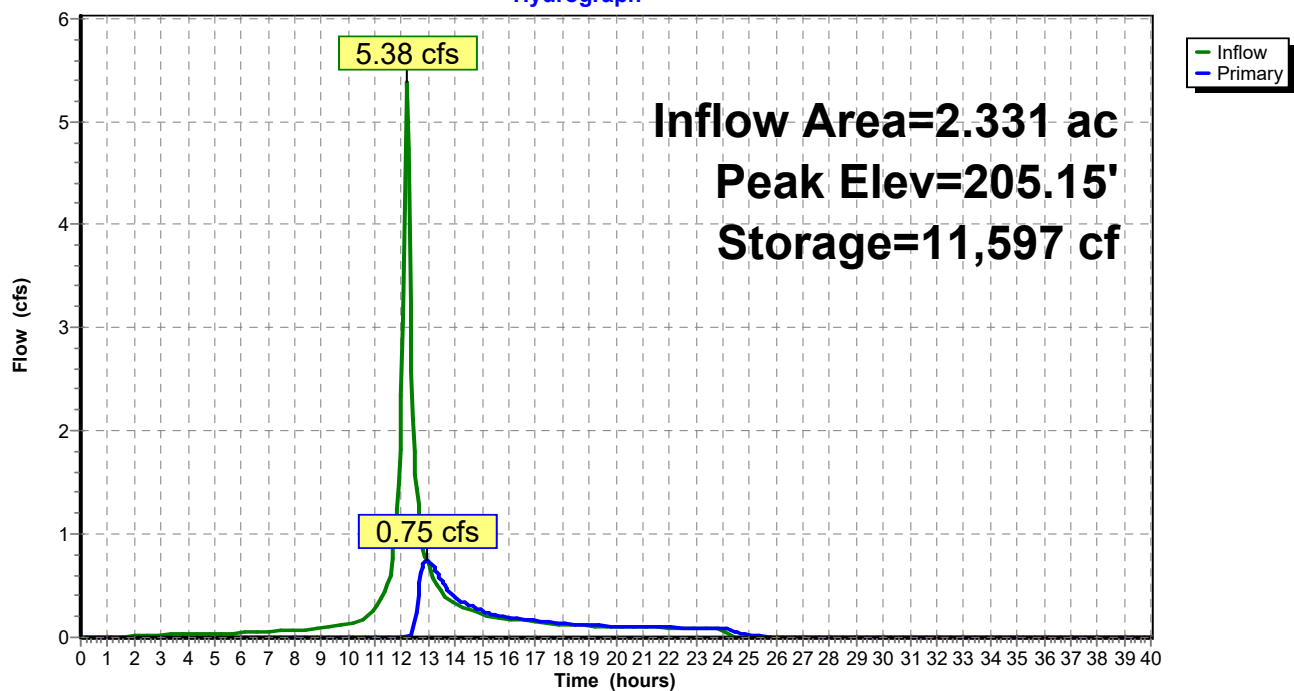
Primary OutFlow Max=0.75 cfs @ 12.93 hrs HW=205.15' (Free Discharge)

1=Broad-Crested Rectangular Weir (Controls 0.00 cfs)
 2=Culvert (Controls 0.00 cfs)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir (Weir Controls 0.75 cfs @ 1.26 fps)



Pond B-4B: Basin #4B

Hydrograph



Hydrograph for Pond B-4B: Basin #4B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.00	0	203.00	0.00
0.80	0.00	0	203.00	0.00
0.90	0.00	0	203.00	0.00
1.00	0.00	0	203.00	0.00
1.10	0.00	0	203.00	0.00
1.20	0.00	0	203.00	0.00
1.30	0.00	1	203.00	0.00
1.40	0.00	2	203.00	0.00
1.50	0.01	4	203.00	0.00
1.60	0.01	6	203.00	0.00
1.70	0.01	9	203.00	0.00
1.80	0.01	12	203.00	0.00
1.90	0.01	16	203.00	0.00
2.00	0.01	20	203.00	0.00
2.10	0.01	24	203.01	0.00
2.20	0.01	29	203.01	0.00
2.30	0.02	34	203.01	0.00
2.40	0.02	40	203.01	0.00
2.50	0.02	46	203.01	0.00
2.60	0.02	52	203.01	0.00
2.70	0.02	59	203.01	0.00
2.80	0.02	66	203.02	0.00
2.90	0.02	74	203.02	0.00
3.00	0.02	82	203.02	0.00
3.10	0.02	90	203.02	0.00
3.20	0.02	98	203.02	0.00
3.30	0.02	107	203.02	0.00
3.40	0.03	116	203.03	0.00
3.50	0.03	125	203.03	0.00
3.60	0.03	135	203.03	0.00
3.70	0.03	145	203.03	0.00
3.80	0.03	155	203.04	0.00
3.90	0.03	166	203.04	0.00
4.00	0.03	176	203.04	0.00
4.10	0.03	187	203.04	0.00
4.20	0.03	199	203.05	0.00
4.30	0.03	210	203.05	0.00
4.40	0.03	222	203.05	0.00
4.50	0.03	234	203.05	0.00
4.60	0.03	246	203.06	0.00
4.70	0.04	259	203.06	0.00
4.80	0.04	272	203.06	0.00
4.90	0.04	284	203.07	0.00
5.00	0.04	298	203.07	0.00
5.10	0.04	311	203.07	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	325	203.07	0.00
5.30	0.04	339	203.08	0.00
5.40	0.04	353	203.08	0.00
5.50	0.04	367	203.08	0.00
5.60	0.04	382	203.09	0.00
5.70	0.04	396	203.09	0.00
5.80	0.04	411	203.09	0.00
5.90	0.04	426	203.10	0.00
6.00	0.04	442	203.10	0.00
6.10	0.04	457	203.11	0.00
6.20	0.04	473	203.11	0.00
6.30	0.05	489	203.11	0.00
6.40	0.05	506	203.12	0.00
6.50	0.05	524	203.12	0.00
6.60	0.05	541	203.12	0.00
6.70	0.05	560	203.13	0.00
6.80	0.05	579	203.13	0.00
6.90	0.05	598	203.14	0.00
7.00	0.06	618	203.14	0.00
7.10	0.06	638	203.15	0.00
7.20	0.06	659	203.15	0.00
7.30	0.06	680	203.16	0.00
7.40	0.06	702	203.16	0.00
7.50	0.06	724	203.17	0.00
7.60	0.06	747	203.17	0.00
7.70	0.07	771	203.18	0.00
7.80	0.07	795	203.18	0.00
7.90	0.07	819	203.19	0.00
8.00	0.07	844	203.19	0.00
8.10	0.07	870	203.20	0.00
8.20	0.07	896	203.20	0.00
8.30	0.07	922	203.21	0.00
8.40	0.08	949	203.22	0.00
8.50	0.08	977	203.22	0.00
8.60	0.08	1,005	203.23	0.00
8.70	0.08	1,034	203.23	0.00
8.80	0.08	1,063	203.24	0.00
8.90	0.08	1,092	203.25	0.00
9.00	0.08	1,123	203.25	0.00
9.10	0.09	1,153	203.26	0.00
9.20	0.09	1,185	203.27	0.00
9.30	0.10	1,219	203.28	0.00
9.40	0.10	1,254	203.28	0.00
9.50	0.11	1,291	203.29	0.00
9.60	0.11	1,330	203.30	0.00
9.70	0.12	1,371	203.31	0.00
9.80	0.12	1,413	203.32	0.00
9.90	0.13	1,457	203.33	0.00
10.00	0.13	1,503	203.34	0.00
10.10	0.14	1,551	203.35	0.00
10.20	0.14	1,601	203.36	0.00
10.30	0.15	1,653	203.37	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,708	203.38	0.00
10.50	0.17	1,766	203.39	0.00
10.60	0.18	1,828	203.41	0.00
10.70	0.20	1,895	203.42	0.00
10.80	0.22	1,970	203.44	0.00
10.90	0.25	2,055	203.45	0.00
11.00	0.27	2,148	203.47	0.00
11.10	0.31	2,253	203.50	0.00
11.20	0.35	2,372	203.52	0.00
11.30	0.40	2,508	203.55	0.00
11.40	0.46	2,664	203.58	0.00
11.50	0.52	2,839	203.62	0.00
11.60	0.64	3,043	203.66	0.00
11.70	0.86	3,314	203.71	0.00
11.80	1.07	3,657	203.78	0.00
11.90	1.49	4,110	203.87	0.00
12.00	2.34	4,781	204.00	0.00
12.10	4.16	5,921	204.21	0.00
12.20	5.24	7,712	204.52	0.00
12.30	3.25	9,238	204.78	0.00
12.40	2.13	10,187	204.93	0.00
12.50	1.58	10,837	205.03	0.07
12.60	1.29	11,269	205.10	0.40
12.70	0.98	11,486	205.13	0.62
12.80	0.85	11,570	205.14	0.72
12.90	0.77	11,596	205.15	0.75
13.00	0.69	11,591	205.15	0.74
13.10	0.62	11,566	205.14	0.71
13.20	0.56	11,529	205.14	0.67
13.30	0.51	11,488	205.13	0.63
13.40	0.47	11,447	205.13	0.58
13.50	0.43	11,408	205.12	0.54
13.60	0.39	11,370	205.11	0.50
13.70	0.36	11,332	205.11	0.46
13.80	0.35	11,298	205.10	0.43
13.90	0.33	11,270	205.10	0.40
14.00	0.32	11,247	205.09	0.38
14.10	0.31	11,227	205.09	0.36
14.20	0.30	11,211	205.09	0.35
14.30	0.29	11,195	205.09	0.34
14.40	0.28	11,181	205.08	0.32
14.50	0.27	11,167	205.08	0.31
14.60	0.26	11,153	205.08	0.30
14.70	0.25	11,140	205.08	0.29
14.80	0.24	11,127	205.08	0.28
14.90	0.23	11,114	205.07	0.27
15.00	0.22	11,102	205.07	0.26
15.10	0.21	11,089	205.07	0.25
15.20	0.20	11,076	205.07	0.24
15.30	0.20	11,065	205.07	0.23
15.40	0.20	11,056	205.07	0.22
15.50	0.19	11,048	205.06	0.21

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	11,041	205.06	0.21
15.70	0.19	11,035	205.06	0.20
15.80	0.18	11,030	205.06	0.20
15.90	0.18	11,025	205.06	0.20
16.00	0.18	11,020	205.06	0.19
16.10	0.18	11,015	205.06	0.19
16.20	0.17	11,011	205.06	0.19
16.30	0.17	11,007	205.06	0.18
16.40	0.17	11,002	205.06	0.18
16.50	0.17	10,998	205.06	0.18
16.60	0.16	10,993	205.06	0.17
16.70	0.16	10,989	205.05	0.17
16.80	0.16	10,985	205.05	0.17
16.90	0.15	10,981	205.05	0.17
17.00	0.15	10,977	205.05	0.16
17.10	0.15	10,972	205.05	0.16
17.20	0.15	10,968	205.05	0.16
17.30	0.14	10,964	205.05	0.15
17.40	0.14	10,960	205.05	0.15
17.50	0.14	10,956	205.05	0.15
17.60	0.13	10,951	205.05	0.15
17.70	0.13	10,947	205.05	0.14
17.80	0.13	10,943	205.05	0.14
17.90	0.13	10,939	205.05	0.14
18.00	0.12	10,935	205.05	0.14
18.10	0.12	10,931	205.05	0.13
18.20	0.12	10,926	205.05	0.13
18.30	0.12	10,923	205.04	0.13
18.40	0.12	10,919	205.04	0.12
18.50	0.12	10,916	205.04	0.12
18.60	0.11	10,914	205.04	0.12
18.70	0.11	10,912	205.04	0.12
18.80	0.11	10,910	205.04	0.12
18.90	0.11	10,908	205.04	0.12
19.00	0.11	10,907	205.04	0.12
19.10	0.11	10,905	205.04	0.12
19.20	0.11	10,904	205.04	0.11
19.30	0.11	10,903	205.04	0.11
19.40	0.11	10,901	205.04	0.11
19.50	0.11	10,900	205.04	0.11
19.60	0.11	10,899	205.04	0.11
19.70	0.11	10,898	205.04	0.11
19.80	0.11	10,897	205.04	0.11
19.90	0.11	10,896	205.04	0.11
20.00	0.11	10,895	205.04	0.11
20.10	0.10	10,894	205.04	0.11
20.20	0.10	10,893	205.04	0.11
20.30	0.10	10,891	205.04	0.11
20.40	0.10	10,890	205.04	0.11
20.50	0.10	10,889	205.04	0.10
20.60	0.10	10,888	205.04	0.10
20.70	0.10	10,887	205.04	0.10

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	10,886	205.04	0.10
20.90	0.10	10,885	205.04	0.10
21.00	0.10	10,884	205.04	0.10
21.10	0.10	10,883	205.04	0.10
21.20	0.10	10,882	205.04	0.10
21.30	0.10	10,881	205.04	0.10
21.40	0.10	10,880	205.04	0.10
21.50	0.09	10,879	205.04	0.10
21.60	0.09	10,878	205.04	0.10
21.70	0.09	10,877	205.04	0.10
21.80	0.09	10,876	205.04	0.10
21.90	0.09	10,875	205.04	0.09
22.00	0.09	10,874	205.04	0.09
22.10	0.09	10,873	205.04	0.09
22.20	0.09	10,872	205.04	0.09
22.30	0.09	10,871	205.04	0.09
22.40	0.09	10,870	205.04	0.09
22.50	0.09	10,868	205.04	0.09
22.60	0.09	10,867	205.04	0.09
22.70	0.09	10,866	205.04	0.09
22.80	0.09	10,865	205.04	0.09
22.90	0.08	10,864	205.04	0.09
23.00	0.08	10,863	205.04	0.09
23.10	0.08	10,862	205.04	0.09
23.20	0.08	10,861	205.04	0.09
23.30	0.08	10,860	205.03	0.09
23.40	0.08	10,859	205.03	0.08
23.50	0.08	10,857	205.03	0.08
23.60	0.08	10,856	205.03	0.08
23.70	0.08	10,855	205.03	0.08
23.80	0.08	10,853	205.03	0.08
23.90	0.08	10,852	205.03	0.08
24.00	0.08	10,851	205.03	0.08
24.10	0.07	10,850	205.03	0.08
24.20	0.02	10,838	205.03	0.08
24.30	0.00	10,816	205.03	0.07
24.40	0.00	10,795	205.02	0.06
24.50	0.00	10,776	205.02	0.05
24.60	0.00	10,760	205.02	0.04
24.70	0.00	10,746	205.02	0.04
24.80	0.00	10,734	205.02	0.03
24.90	0.00	10,724	205.01	0.03
25.00	0.00	10,716	205.01	0.02
25.10	0.00	10,708	205.01	0.02
25.20	0.00	10,702	205.01	0.02
25.30	0.00	10,697	205.01	0.01
25.40	0.00	10,692	205.01	0.01
25.50	0.00	10,688	205.01	0.01
25.60	0.00	10,685	205.01	0.01
25.70	0.00	10,682	205.01	0.01
25.80	0.00	10,679	205.01	0.01
25.90	0.00	10,676	205.01	0.01

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,674	205.01	0.01
26.10	0.00	10,672	205.01	0.01
26.20	0.00	10,669	205.01	0.01
26.30	0.00	10,667	205.00	0.01
26.40	0.00	10,665	205.00	0.01
26.50	0.00	10,664	205.00	0.00
26.60	0.00	10,662	205.00	0.00
26.70	0.00	10,660	205.00	0.00
26.80	0.00	10,659	205.00	0.00
26.90	0.00	10,658	205.00	0.00
27.00	0.00	10,656	205.00	0.00
27.10	0.00	10,655	205.00	0.00
27.20	0.00	10,654	205.00	0.00
27.30	0.00	10,653	205.00	0.00
27.40	0.00	10,652	205.00	0.00
27.50	0.00	10,651	205.00	0.00
27.60	0.00	10,650	205.00	0.00
27.70	0.00	10,649	205.00	0.00
27.80	0.00	10,648	205.00	0.00
27.90	0.00	10,648	205.00	0.00
28.00	0.00	10,647	205.00	0.00
28.10	0.00	10,646	205.00	0.00
28.20	0.00	10,646	205.00	0.00
28.30	0.00	10,645	205.00	0.00
28.40	0.00	10,645	205.00	0.00
28.50	0.00	10,644	205.00	0.00
28.60	0.00	10,644	205.00	0.00
28.70	0.00	10,643	205.00	0.00
28.80	0.00	10,643	205.00	0.00
28.90	0.00	10,642	205.00	0.00
29.00	0.00	10,642	205.00	0.00
29.10	0.00	10,642	205.00	0.00
29.20	0.00	10,641	205.00	0.00
29.30	0.00	10,641	205.00	0.00
29.40	0.00	10,641	205.00	0.00
29.50	0.00	10,641	205.00	0.00
29.60	0.00	10,640	205.00	0.00
29.70	0.00	10,640	205.00	0.00
29.80	0.00	10,640	205.00	0.00
29.90	0.00	10,640	205.00	0.00
30.00	0.00	10,639	205.00	0.00
30.10	0.00	10,639	205.00	0.00
30.20	0.00	10,639	205.00	0.00
30.30	0.00	10,639	205.00	0.00
30.40	0.00	10,639	205.00	0.00
30.50	0.00	10,639	205.00	0.00
30.60	0.00	10,638	205.00	0.00
30.70	0.00	10,638	205.00	0.00
30.80	0.00	10,638	205.00	0.00
30.90	0.00	10,638	205.00	0.00
31.00	0.00	10,638	205.00	0.00
31.10	0.00	10,638	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,638	205.00	0.00
31.30	0.00	10,638	205.00	0.00
31.40	0.00	10,638	205.00	0.00
31.50	0.00	10,638	205.00	0.00
31.60	0.00	10,638	205.00	0.00
31.70	0.00	10,637	205.00	0.00
31.80	0.00	10,637	205.00	0.00
31.90	0.00	10,637	205.00	0.00
32.00	0.00	10,637	205.00	0.00
32.10	0.00	10,637	205.00	0.00
32.20	0.00	10,637	205.00	0.00
32.30	0.00	10,637	205.00	0.00
32.40	0.00	10,637	205.00	0.00
32.50	0.00	10,637	205.00	0.00
32.60	0.00	10,637	205.00	0.00
32.70	0.00	10,637	205.00	0.00
32.80	0.00	10,637	205.00	0.00
32.90	0.00	10,637	205.00	0.00
33.00	0.00	10,637	205.00	0.00
33.10	0.00	10,637	205.00	0.00
33.20	0.00	10,637	205.00	0.00
33.30	0.00	10,637	205.00	0.00
33.40	0.00	10,637	205.00	0.00
33.50	0.00	10,637	205.00	0.00
33.60	0.00	10,637	205.00	0.00
33.70	0.00	10,637	205.00	0.00
33.80	0.00	10,637	205.00	0.00
33.90	0.00	10,637	205.00	0.00
34.00	0.00	10,637	205.00	0.00
34.10	0.00	10,637	205.00	0.00
34.20	0.00	10,637	205.00	0.00
34.30	0.00	10,637	205.00	0.00
34.40	0.00	10,637	205.00	0.00
34.50	0.00	10,637	205.00	0.00
34.60	0.00	10,637	205.00	0.00
34.70	0.00	10,637	205.00	0.00
34.80	0.00	10,637	205.00	0.00
34.90	0.00	10,637	205.00	0.00
35.00	0.00	10,637	205.00	0.00
35.10	0.00	10,637	205.00	0.00
35.20	0.00	10,637	205.00	0.00
35.30	0.00	10,637	205.00	0.00
35.40	0.00	10,637	205.00	0.00
35.50	0.00	10,637	205.00	0.00
35.60	0.00	10,637	205.00	0.00
35.70	0.00	10,637	205.00	0.00
35.80	0.00	10,637	205.00	0.00
35.90	0.00	10,637	205.00	0.00
36.00	0.00	10,637	205.00	0.00
36.10	0.00	10,637	205.00	0.00
36.20	0.00	10,637	205.00	0.00
36.30	0.00	10,637	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,637	205.00	0.00
36.50	0.00	10,637	205.00	0.00
36.60	0.00	10,637	205.00	0.00
36.70	0.00	10,637	205.00	0.00
36.80	0.00	10,637	205.00	0.00
36.90	0.00	10,637	205.00	0.00
37.00	0.00	10,637	205.00	0.00
37.10	0.00	10,637	205.00	0.00
37.20	0.00	10,637	205.00	0.00
37.30	0.00	10,637	205.00	0.00
37.40	0.00	10,637	205.00	0.00
37.50	0.00	10,637	205.00	0.00
37.60	0.00	10,637	205.00	0.00
37.70	0.00	10,637	205.00	0.00
37.80	0.00	10,637	205.00	0.00
37.90	0.00	10,637	205.00	0.00
38.00	0.00	10,637	205.00	0.00
38.10	0.00	10,637	205.00	0.00
38.20	0.00	10,637	205.00	0.00
38.30	0.00	10,637	205.00	0.00
38.40	0.00	10,637	205.00	0.00
38.50	0.00	10,637	205.00	0.00
38.60	0.00	10,637	205.00	0.00
38.70	0.00	10,637	205.00	0.00
38.80	0.00	10,637	205.00	0.00
38.90	0.00	10,637	205.00	0.00
39.00	0.00	10,637	205.00	0.00
39.10	0.00	10,637	205.00	0.00
39.20	0.00	10,637	205.00	0.00
39.30	0.00	10,637	205.00	0.00
39.40	0.00	10,637	205.00	0.00
39.50	0.00	10,637	205.00	0.00
39.60	0.00	10,637	205.00	0.00
39.70	0.00	10,637	205.00	0.00
39.80	0.00	10,637	205.00	0.00
39.90	0.00	10,637	205.00	0.00
40.00	0.00	10,637	205.00	0.00

Stage-Discharge for Pond B-4B: Basin #4B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.01
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.04
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.07
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.10
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.15
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.19
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.24

Stage-Discharge for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.29	205.60	9.61
205.09	0.35	205.61	10.33
205.10	0.41	205.62	11.08
205.11	0.47	205.63	11.85
205.12	0.54	205.64	12.65
205.13	0.61	205.65	13.48
205.14	0.68	205.66	14.33
205.15	0.75	205.67	15.20
205.16	0.83	205.68	15.92
205.17	0.91	205.69	16.32
205.18	0.99	205.70	16.71
205.19	1.07	205.71	17.09
205.20	1.16	205.72	17.47
205.21	1.25	205.73	17.85
205.22	1.33	205.74	18.22
205.23	1.43	205.75	18.59
205.24	1.52		
205.25	1.61		
205.26	1.71		
205.27	1.81		
205.28	1.91		
205.29	2.01		
205.30	2.12		
205.31	2.22		
205.32	2.33		
205.33	2.44		
205.34	2.55		
205.35	2.66		
205.36	2.77		
205.37	2.89		
205.38	3.01		
205.39	3.12		
205.40	3.24		
205.41	3.36		
205.42	3.49		
205.43	3.61		
205.44	3.73		
205.45	3.86		
205.46	3.99		
205.47	4.12		
205.48	4.25		
205.49	4.38		
205.50	4.51		
205.51	4.76		
205.52	5.11		
205.53	5.52		
205.54	5.99		
205.55	6.50		
205.56	7.05		
205.57	7.64		
205.58	8.27		
205.59	8.93		

Stage-Area-Storage for Pond B-4B: Basin #4B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	4,292	0	203.52	4,813	2,367
203.01	4,302	43	203.53	4,823	2,415
203.02	4,312	86	203.54	4,833	2,464
203.03	4,322	129	203.55	4,843	2,512
203.04	4,332	172	203.56	4,853	2,561
203.05	4,342	216	203.57	4,863	2,609
203.06	4,352	259	203.58	4,873	2,658
203.07	4,362	303	203.59	4,883	2,707
203.08	4,372	347	203.60	4,893	2,756
203.09	4,382	390	203.61	4,903	2,805
203.10	4,392	434	203.62	4,913	2,854
203.11	4,402	478	203.63	4,923	2,903
203.12	4,412	522	203.64	4,933	2,952
203.13	4,422	566	203.65	4,943	3,001
203.14	4,432	611	203.66	4,953	3,051
203.15	4,442	655	203.67	4,963	3,101
203.16	4,452	700	203.68	4,973	3,150
203.17	4,462	744	203.69	4,983	3,200
203.18	4,472	789	203.70	4,993	3,250
203.19	4,482	834	203.71	5,003	3,300
203.20	4,492	878	203.72	5,013	3,350
203.21	4,502	923	203.73	5,023	3,400
203.22	4,512	968	203.74	5,033	3,450
203.23	4,522	1,014	203.75	5,044	3,501
203.24	4,532	1,059	203.76	5,054	3,551
203.25	4,543	1,104	203.77	5,064	3,602
203.26	4,553	1,150	203.78	5,074	3,653
203.27	4,563	1,195	203.79	5,084	3,703
203.28	4,573	1,241	203.80	5,094	3,754
203.29	4,583	1,287	203.81	5,104	3,805
203.30	4,593	1,333	203.82	5,114	3,856
203.31	4,603	1,379	203.83	5,124	3,907
203.32	4,613	1,425	203.84	5,134	3,959
203.33	4,623	1,471	203.85	5,144	4,010
203.34	4,633	1,517	203.86	5,154	4,062
203.35	4,643	1,564	203.87	5,164	4,113
203.36	4,653	1,610	203.88	5,174	4,165
203.37	4,663	1,657	203.89	5,184	4,217
203.38	4,673	1,703	203.90	5,194	4,269
203.39	4,683	1,750	203.91	5,204	4,321
203.40	4,693	1,797	203.92	5,214	4,373
203.41	4,703	1,844	203.93	5,224	4,425
203.42	4,713	1,891	203.94	5,234	4,477
203.43	4,723	1,938	203.95	5,244	4,530
203.44	4,733	1,985	203.96	5,254	4,582
203.45	4,743	2,033	203.97	5,264	4,635
203.46	4,753	2,080	203.98	5,274	4,687
203.47	4,763	2,128	203.99	5,284	4,740
203.48	4,773	2,176	204.00	5,294	4,793
203.49	4,783	2,223	204.01	5,305	4,846
203.50	4,793	2,271	204.02	5,316	4,899
203.51	4,803	2,319	204.03	5,327	4,952

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	5,338	5,006	204.56	5,909	7,930
204.05	5,349	5,059	204.57	5,920	7,989
204.06	5,360	5,113	204.58	5,931	8,048
204.07	5,371	5,166	204.59	5,942	8,108
204.08	5,382	5,220	204.60	5,953	8,167
204.09	5,393	5,274	204.61	5,964	8,227
204.10	5,404	5,328	204.62	5,975	8,287
204.11	5,415	5,382	204.63	5,986	8,346
204.12	5,426	5,436	204.64	5,997	8,406
204.13	5,437	5,491	204.65	6,008	8,466
204.14	5,448	5,545	204.66	6,019	8,526
204.15	5,459	5,599	204.67	6,030	8,587
204.16	5,470	5,654	204.68	6,041	8,647
204.17	5,481	5,709	204.69	6,052	8,707
204.18	5,492	5,764	204.70	6,063	8,768
204.19	5,503	5,819	204.71	6,074	8,829
204.20	5,514	5,874	204.72	6,085	8,890
204.21	5,525	5,929	204.73	6,096	8,950
204.22	5,536	5,984	204.74	6,107	9,011
204.23	5,547	6,040	204.75	6,118	9,073
204.24	5,558	6,095	204.76	6,129	9,134
204.25	5,569	6,151	204.77	6,140	9,195
204.26	5,580	6,207	204.78	6,151	9,257
204.27	5,591	6,262	204.79	6,162	9,318
204.28	5,602	6,318	204.80	6,173	9,380
204.29	5,613	6,374	204.81	6,184	9,442
204.30	5,624	6,431	204.82	6,195	9,504
204.31	5,635	6,487	204.83	6,206	9,566
204.32	5,646	6,543	204.84	6,217	9,628
204.33	5,657	6,600	204.85	6,228	9,690
204.34	5,668	6,656	204.86	6,239	9,752
204.35	5,679	6,713	204.87	6,250	9,815
204.36	5,690	6,770	204.88	6,261	9,877
204.37	5,701	6,827	204.89	6,272	9,940
204.38	5,712	6,884	204.90	6,283	10,003
204.39	5,723	6,941	204.91	6,294	10,066
204.40	5,734	6,999	204.92	6,305	10,129
204.41	5,745	7,056	204.93	6,316	10,192
204.42	5,756	7,113	204.94	6,327	10,255
204.43	5,767	7,171	204.95	6,338	10,318
204.44	5,778	7,229	204.96	6,349	10,382
204.45	5,789	7,287	204.97	6,360	10,445
204.46	5,800	7,345	204.98	6,371	10,509
204.47	5,811	7,403	204.99	6,382	10,573
204.48	5,822	7,461	205.00	6,393	10,637
204.49	5,833	7,519	205.01	6,400	10,700
204.50	5,844	7,577	205.02	6,407	10,765
204.51	5,854	7,636	205.03	6,415	10,829
204.52	5,865	7,694	205.04	6,422	10,893
204.53	5,876	7,753	205.05	6,429	10,957
204.54	5,887	7,812	205.06	6,436	11,021
204.55	5,898	7,871	205.07	6,443	11,086

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	6,451	11,150	205.60	6,826	14,602
205.09	6,458	11,215	205.61	6,833	14,670
205.10	6,465	11,279	205.62	6,840	14,739
205.11	6,472	11,344	205.63	6,847	14,807
205.12	6,480	11,409	205.64	6,855	14,876
205.13	6,487	11,474	205.65	6,862	14,944
205.14	6,494	11,539	205.66	6,869	15,013
205.15	6,501	11,604	205.67	6,876	15,082
205.16	6,508	11,669	205.68	6,884	15,151
205.17	6,516	11,734	205.69	6,891	15,219
205.18	6,523	11,799	205.70	6,898	15,288
205.19	6,530	11,864	205.71	6,905	15,357
205.20	6,537	11,930	205.72	6,912	15,426
205.21	6,544	11,995	205.73	6,920	15,496
205.22	6,552	12,060	205.74	6,927	15,565
205.23	6,559	12,126	205.75	6,934	15,634
205.24	6,566	12,192			
205.25	6,573	12,257			
205.26	6,581	12,323			
205.27	6,588	12,389			
205.28	6,595	12,455			
205.29	6,602	12,521			
205.30	6,609	12,587			
205.31	6,617	12,653			
205.32	6,624	12,719			
205.33	6,631	12,785			
205.34	6,638	12,852			
205.35	6,645	12,918			
205.36	6,653	12,985			
205.37	6,660	13,051			
205.38	6,667	13,118			
205.39	6,674	13,185			
205.40	6,682	13,251			
205.41	6,689	13,318			
205.42	6,696	13,385			
205.43	6,703	13,452			
205.44	6,710	13,519			
205.45	6,718	13,586			
205.46	6,725	13,654			
205.47	6,732	13,721			
205.48	6,739	13,788			
205.49	6,746	13,856			
205.50	6,754	13,923			
205.51	6,761	13,991			
205.52	6,768	14,058			
205.53	6,775	14,126			
205.54	6,783	14,194			
205.55	6,790	14,262			
205.56	6,797	14,330			
205.57	6,804	14,398			
205.58	6,811	14,466			
205.59	6,819	14,534			

Summary for Pond B-5: Basin #5

Inflow Area = 5.341 ac, 32.20% Impervious, Inflow Depth = 0.99" for Future 2 yr event
 Inflow = 1.50 cfs @ 13.07 hrs, Volume= 0.439 af
 Outflow = 0.16 cfs @ 24.14 hrs, Volume= 0.304 af, Atten= 89%, Lag= 664.3 min
 Primary = 0.16 cfs @ 24.14 hrs, Volume= 0.304 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 201.07' @ 24.14 hrs Surf.Area= 12,877 sf Storage= 13,052 cf

Plug-Flow detention time= 710.0 min calculated for 0.304 af (69% of inflow)
 Center-of-Mass det. time= 589.0 min (1,556.8 - 967.8)

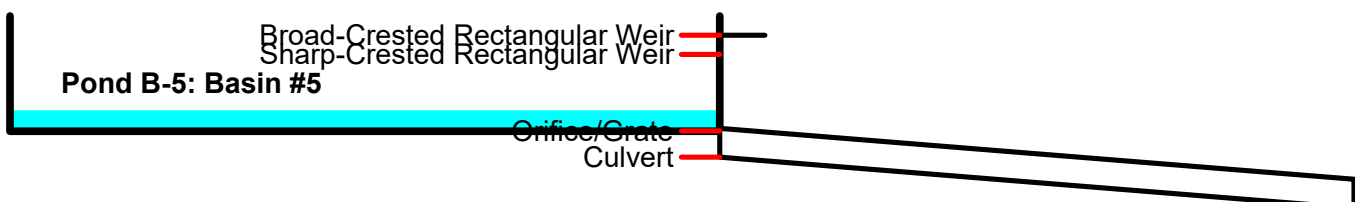
Volume	Invert	Avail.Storage	Storage Description
#1	200.00'	91,976 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
200.00	11,631	0	0
201.00	12,798	12,215	12,215
202.00	14,009	13,404	25,618
203.00	15,262	14,636	40,254
204.00	16,558	15,910	56,164
205.00	17,896	17,227	73,391
206.00	19,275	18,586	91,976

Device	Routing	Invert	Outlet Devices
#1	Primary	198.65'	18.0" Round Culvert L= 70.0' Ke= 0.500 Inlet / Outlet Invert= 198.65' / 196.00' S= 0.0379 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	200.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.00'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

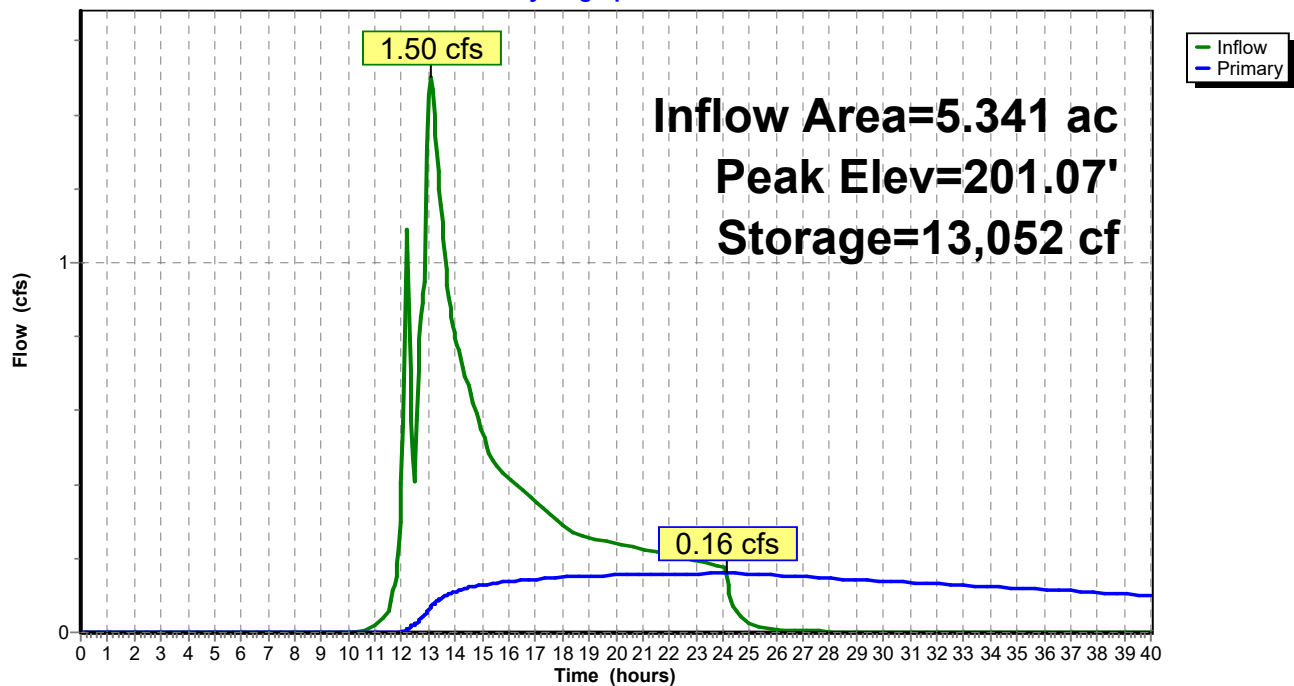
Primary OutFlow Max=0.16 cfs @ 24.14 hrs HW=201.07' (Free Discharge)

- 1=Culvert (Passes 0.16 cfs of 10.98 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.67 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-5: Basin #5

Hydrograph



Hydrograph for Pond B-5: Basin #5

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	200.00	0.00
0.10	0.00	0	200.00	0.00
0.20	0.00	0	200.00	0.00
0.30	0.00	0	200.00	0.00
0.40	0.00	0	200.00	0.00
0.50	0.00	0	200.00	0.00
0.60	0.00	0	200.00	0.00
0.70	0.00	0	200.00	0.00
0.80	0.00	0	200.00	0.00
0.90	0.00	0	200.00	0.00
1.00	0.00	0	200.00	0.00
1.10	0.00	0	200.00	0.00
1.20	0.00	0	200.00	0.00
1.30	0.00	0	200.00	0.00
1.40	0.00	0	200.00	0.00
1.50	0.00	0	200.00	0.00
1.60	0.00	0	200.00	0.00
1.70	0.00	0	200.00	0.00
1.80	0.00	0	200.00	0.00
1.90	0.00	0	200.00	0.00
2.00	0.00	0	200.00	0.00
2.10	0.00	0	200.00	0.00
2.20	0.00	0	200.00	0.00
2.30	0.00	0	200.00	0.00
2.40	0.00	0	200.00	0.00
2.50	0.00	0	200.00	0.00
2.60	0.00	0	200.00	0.00
2.70	0.00	0	200.00	0.00
2.80	0.00	0	200.00	0.00
2.90	0.00	0	200.00	0.00
3.00	0.00	0	200.00	0.00
3.10	0.00	0	200.00	0.00
3.20	0.00	0	200.00	0.00
3.30	0.00	0	200.00	0.00
3.40	0.00	0	200.00	0.00
3.50	0.00	0	200.00	0.00
3.60	0.00	0	200.00	0.00
3.70	0.00	0	200.00	0.00
3.80	0.00	0	200.00	0.00
3.90	0.00	0	200.00	0.00
4.00	0.00	0	200.00	0.00
4.10	0.00	0	200.00	0.00
4.20	0.00	0	200.00	0.00
4.30	0.00	0	200.00	0.00
4.40	0.00	0	200.00	0.00
4.50	0.00	0	200.00	0.00
4.60	0.00	0	200.00	0.00
4.70	0.00	0	200.00	0.00
4.80	0.00	0	200.00	0.00
4.90	0.00	0	200.00	0.00
5.00	0.00	0	200.00	0.00
5.10	0.00	0	200.00	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	200.00	0.00
5.30	0.00	0	200.00	0.00
5.40	0.00	0	200.00	0.00
5.50	0.00	0	200.00	0.00
5.60	0.00	0	200.00	0.00
5.70	0.00	0	200.00	0.00
5.80	0.00	0	200.00	0.00
5.90	0.00	0	200.00	0.00
6.00	0.00	0	200.00	0.00
6.10	0.00	0	200.00	0.00
6.20	0.00	0	200.00	0.00
6.30	0.00	0	200.00	0.00
6.40	0.00	0	200.00	0.00
6.50	0.00	0	200.00	0.00
6.60	0.00	0	200.00	0.00
6.70	0.00	0	200.00	0.00
6.80	0.00	0	200.00	0.00
6.90	0.00	0	200.00	0.00
7.00	0.00	0	200.00	0.00
7.10	0.00	0	200.00	0.00
7.20	0.00	0	200.00	0.00
7.30	0.00	0	200.00	0.00
7.40	0.00	0	200.00	0.00
7.50	0.00	0	200.00	0.00
7.60	0.00	0	200.00	0.00
7.70	0.00	0	200.00	0.00
7.80	0.00	0	200.00	0.00
7.90	0.00	0	200.00	0.00
8.00	0.00	0	200.00	0.00
8.10	0.00	0	200.00	0.00
8.20	0.00	0	200.00	0.00
8.30	0.00	0	200.00	0.00
8.40	0.00	0	200.00	0.00
8.50	0.00	0	200.00	0.00
8.60	0.00	0	200.00	0.00
8.70	0.00	0	200.00	0.00
8.80	0.00	0	200.00	0.00
8.90	0.00	0	200.00	0.00
9.00	0.00	0	200.00	0.00
9.10	0.00	0	200.00	0.00
9.20	0.00	0	200.00	0.00
9.30	0.00	0	200.00	0.00
9.40	0.00	0	200.00	0.00
9.50	0.00	0	200.00	0.00
9.60	0.00	0	200.00	0.00
9.70	0.00	0	200.00	0.00
9.80	0.00	0	200.00	0.00
9.90	0.00	0	200.00	0.00
10.00	0.00	0	200.00	0.00
10.10	0.00	0	200.00	0.00
10.20	0.00	0	200.00	0.00
10.30	0.00	1	200.00	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1	200.00	0.00
10.50	0.00	3	200.00	0.00
10.60	0.01	5	200.00	0.00
10.70	0.01	7	200.00	0.00
10.80	0.01	11	200.00	0.00
10.90	0.01	15	200.00	0.00
11.00	0.02	21	200.00	0.00
11.10	0.02	28	200.00	0.00
11.20	0.03	38	200.00	0.00
11.30	0.04	50	200.00	0.00
11.40	0.05	65	200.01	0.00
11.50	0.06	83	200.01	0.00
11.60	0.08	107	200.01	0.00
11.70	0.11	141	200.01	0.00
11.80	0.15	188	200.02	0.00
11.90	0.23	256	200.02	0.00
12.00	0.40	366	200.03	0.00
12.10	0.80	574	200.05	0.00
12.20	1.09	933	200.08	0.01
12.30	0.70	1,252	200.11	0.01
12.40	0.48	1,455	200.12	0.02
12.50	0.44	1,602	200.14	0.02
12.60	0.70	1,799	200.15	0.03
12.70	0.85	2,070	200.18	0.04
12.80	0.92	2,375	200.20	0.04
12.90	0.97	2,694	200.23	0.05
13.00	1.45	3,127	200.27	0.06
13.10	1.49	3,638	200.31	0.07
13.20	1.40	4,132	200.35	0.08
13.30	1.30	4,587	200.39	0.08
13.40	1.20	5,006	200.42	0.09
13.50	1.11	5,388	200.45	0.09
13.60	1.02	5,737	200.48	0.10
13.70	0.94	6,054	200.51	0.10
13.80	0.88	6,343	200.53	0.10
13.90	0.83	6,612	200.55	0.11
14.00	0.79	6,866	200.57	0.11
14.10	0.76	7,106	200.59	0.11
14.20	0.73	7,334	200.61	0.11
14.30	0.71	7,552	200.63	0.12
14.40	0.68	7,761	200.65	0.12
14.50	0.66	7,959	200.66	0.12
14.60	0.64	8,149	200.68	0.12
14.70	0.61	8,330	200.69	0.12
14.80	0.59	8,501	200.71	0.13
14.90	0.57	8,663	200.72	0.13
15.00	0.54	8,817	200.73	0.13
15.10	0.52	8,961	200.74	0.13
15.20	0.50	9,097	200.75	0.13
15.30	0.48	9,225	200.76	0.13
15.40	0.46	9,347	200.77	0.13
15.50	0.45	9,465	200.78	0.13

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.45	9,579	200.79	0.13
15.70	0.44	9,689	200.80	0.13
15.80	0.43	9,797	200.81	0.14
15.90	0.42	9,902	200.82	0.14
16.00	0.42	10,004	200.83	0.14
16.10	0.41	10,103	200.83	0.14
16.20	0.40	10,200	200.84	0.14
16.30	0.40	10,294	200.85	0.14
16.40	0.39	10,386	200.86	0.14
16.50	0.39	10,476	200.86	0.14
16.60	0.38	10,562	200.87	0.14
16.70	0.37	10,647	200.88	0.14
16.80	0.37	10,728	200.88	0.14
16.90	0.36	10,808	200.89	0.14
17.00	0.35	10,885	200.90	0.14
17.10	0.35	10,959	200.90	0.14
17.20	0.34	11,031	200.91	0.15
17.30	0.34	11,101	200.91	0.15
17.40	0.33	11,168	200.92	0.15
17.50	0.32	11,233	200.92	0.15
17.60	0.32	11,295	200.93	0.15
17.70	0.31	11,355	200.93	0.15
17.80	0.30	11,412	200.94	0.15
17.90	0.30	11,467	200.94	0.15
18.00	0.29	11,520	200.95	0.15
18.10	0.29	11,570	200.95	0.15
18.20	0.28	11,617	200.95	0.15
18.30	0.27	11,663	200.96	0.15
18.40	0.27	11,707	200.96	0.15
18.50	0.27	11,750	200.96	0.15
18.60	0.27	11,792	200.97	0.15
18.70	0.26	11,833	200.97	0.15
18.80	0.26	11,873	200.97	0.15
18.90	0.26	11,912	200.98	0.15
19.00	0.26	11,950	200.98	0.15
19.10	0.26	11,987	200.98	0.15
19.20	0.25	12,024	200.99	0.15
19.30	0.25	12,060	200.99	0.15
19.40	0.25	12,096	200.99	0.15
19.50	0.25	12,130	200.99	0.15
19.60	0.25	12,164	201.00	0.15
19.70	0.25	12,198	201.00	0.15
19.80	0.24	12,230	201.00	0.15
19.90	0.24	12,262	201.00	0.15
20.00	0.24	12,294	201.01	0.15
20.10	0.24	12,325	201.01	0.15
20.20	0.24	12,355	201.01	0.15
20.30	0.24	12,384	201.01	0.15
20.40	0.23	12,413	201.02	0.15
20.50	0.23	12,442	201.02	0.16
20.60	0.23	12,469	201.02	0.16
20.70	0.23	12,496	201.02	0.16

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.23	12,523	201.02	0.16
20.90	0.23	12,548	201.03	0.16
21.00	0.22	12,573	201.03	0.16
21.10	0.22	12,598	201.03	0.16
21.20	0.22	12,622	201.03	0.16
21.30	0.22	12,645	201.03	0.16
21.40	0.22	12,668	201.04	0.16
21.50	0.22	12,690	201.04	0.16
21.60	0.22	12,711	201.04	0.16
21.70	0.21	12,732	201.04	0.16
21.80	0.21	12,752	201.04	0.16
21.90	0.21	12,772	201.04	0.16
22.00	0.21	12,791	201.04	0.16
22.10	0.21	12,809	201.05	0.16
22.20	0.21	12,826	201.05	0.16
22.30	0.20	12,844	201.05	0.16
22.40	0.20	12,860	201.05	0.16
22.50	0.20	12,876	201.05	0.16
22.60	0.20	12,891	201.05	0.16
22.70	0.20	12,906	201.05	0.16
22.80	0.20	12,920	201.05	0.16
22.90	0.19	12,933	201.06	0.16
23.00	0.19	12,946	201.06	0.16
23.10	0.19	12,958	201.06	0.16
23.20	0.19	12,970	201.06	0.16
23.30	0.19	12,981	201.06	0.16
23.40	0.19	12,991	201.06	0.16
23.50	0.19	13,001	201.06	0.16
23.60	0.18	13,011	201.06	0.16
23.70	0.18	13,020	201.06	0.16
23.80	0.18	13,028	201.06	0.16
23.90	0.18	13,036	201.06	0.16
24.00	0.18	13,043	201.06	0.16
24.10	0.18	13,051	201.07	0.16
24.20	0.13	13,050	201.07	0.16
24.30	0.09	13,031	201.06	0.16
24.40	0.07	13,001	201.06	0.16
24.50	0.06	12,966	201.06	0.16
24.60	0.05	12,928	201.06	0.16
24.70	0.04	12,886	201.05	0.16
24.80	0.03	12,843	201.05	0.16
24.90	0.03	12,797	201.05	0.16
25.00	0.02	12,749	201.04	0.16
25.10	0.02	12,701	201.04	0.16
25.20	0.02	12,651	201.03	0.16
25.30	0.01	12,600	201.03	0.16
25.40	0.01	12,549	201.03	0.16
25.50	0.01	12,497	201.02	0.16
25.60	0.01	12,444	201.02	0.16
25.70	0.01	12,391	201.01	0.15
25.80	0.01	12,339	201.01	0.15
25.90	0.01	12,286	201.01	0.15

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	12,233	201.00	0.15
26.10	0.01	12,180	201.00	0.15
26.20	0.01	12,127	200.99	0.15
26.30	0.01	12,074	200.99	0.15
26.40	0.01	12,021	200.98	0.15
26.50	0.00	11,968	200.98	0.15
26.60	0.00	11,915	200.98	0.15
26.70	0.00	11,862	200.97	0.15
26.80	0.00	11,809	200.97	0.15
26.90	0.00	11,756	200.96	0.15
27.00	0.00	11,703	200.96	0.15
27.10	0.00	11,651	200.96	0.15
27.20	0.00	11,598	200.95	0.15
27.30	0.00	11,545	200.95	0.15
27.40	0.00	11,493	200.94	0.15
27.50	0.00	11,440	200.94	0.15
27.60	0.00	11,388	200.94	0.15
27.70	0.00	11,336	200.93	0.15
27.80	0.00	11,284	200.93	0.15
27.90	0.00	11,231	200.92	0.15
28.00	0.00	11,179	200.92	0.15
28.10	0.00	11,127	200.91	0.15
28.20	0.00	11,076	200.91	0.15
28.30	0.00	11,024	200.91	0.15
28.40	0.00	10,972	200.90	0.14
28.50	0.00	10,921	200.90	0.14
28.60	0.00	10,869	200.89	0.14
28.70	0.00	10,818	200.89	0.14
28.80	0.00	10,767	200.89	0.14
28.90	0.00	10,715	200.88	0.14
29.00	0.00	10,664	200.88	0.14
29.10	0.00	10,614	200.87	0.14
29.20	0.00	10,563	200.87	0.14
29.30	0.00	10,512	200.87	0.14
29.40	0.00	10,462	200.86	0.14
29.50	0.00	10,411	200.86	0.14
29.60	0.00	10,361	200.85	0.14
29.70	0.00	10,311	200.85	0.14
29.80	0.00	10,261	200.85	0.14
29.90	0.00	10,211	200.84	0.14
30.00	0.00	10,161	200.84	0.14
30.10	0.00	10,111	200.83	0.14
30.20	0.00	10,062	200.83	0.14
30.30	0.00	10,012	200.83	0.14
30.40	0.00	9,963	200.82	0.14
30.50	0.00	9,914	200.82	0.14
30.60	0.00	9,865	200.81	0.14
30.70	0.00	9,816	200.81	0.14
30.80	0.00	9,767	200.81	0.14
30.90	0.00	9,718	200.80	0.14
31.00	0.00	9,670	200.80	0.13
31.10	0.00	9,622	200.80	0.13

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,573	200.79	0.13
31.30	0.00	9,525	200.79	0.13
31.40	0.00	9,477	200.78	0.13
31.50	0.00	9,429	200.78	0.13
31.60	0.00	9,382	200.78	0.13
31.70	0.00	9,334	200.77	0.13
31.80	0.00	9,287	200.77	0.13
31.90	0.00	9,239	200.76	0.13
32.00	0.00	9,192	200.76	0.13
32.10	0.00	9,145	200.76	0.13
32.20	0.00	9,098	200.75	0.13
32.30	0.00	9,051	200.75	0.13
32.40	0.00	9,005	200.75	0.13
32.50	0.00	8,958	200.74	0.13
32.60	0.00	8,912	200.74	0.13
32.70	0.00	8,866	200.74	0.13
32.80	0.00	8,820	200.73	0.13
32.90	0.00	8,774	200.73	0.13
33.00	0.00	8,728	200.72	0.13
33.10	0.00	8,682	200.72	0.13
33.20	0.00	8,637	200.72	0.13
33.30	0.00	8,591	200.71	0.13
33.40	0.00	8,546	200.71	0.13
33.50	0.00	8,501	200.71	0.13
33.60	0.00	8,456	200.70	0.12
33.70	0.00	8,411	200.70	0.12
33.80	0.00	8,367	200.70	0.12
33.90	0.00	8,322	200.69	0.12
34.00	0.00	8,278	200.69	0.12
34.10	0.00	8,233	200.68	0.12
34.20	0.00	8,189	200.68	0.12
34.30	0.00	8,145	200.68	0.12
34.40	0.00	8,101	200.67	0.12
34.50	0.00	8,058	200.67	0.12
34.60	0.00	8,014	200.67	0.12
34.70	0.00	7,971	200.66	0.12
34.80	0.00	7,927	200.66	0.12
34.90	0.00	7,884	200.66	0.12
35.00	0.00	7,841	200.65	0.12
35.10	0.00	7,798	200.65	0.12
35.20	0.00	7,756	200.65	0.12
35.30	0.00	7,713	200.64	0.12
35.40	0.00	7,671	200.64	0.12
35.50	0.00	7,628	200.64	0.12
35.60	0.00	7,586	200.63	0.12
35.70	0.00	7,544	200.63	0.12
35.80	0.00	7,502	200.63	0.12
35.90	0.00	7,460	200.62	0.12
36.00	0.00	7,419	200.62	0.12
36.10	0.00	7,377	200.62	0.11
36.20	0.00	7,336	200.61	0.11
36.30	0.00	7,295	200.61	0.11

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,254	200.61	0.11
36.50	0.00	7,213	200.60	0.11
36.60	0.00	7,172	200.60	0.11
36.70	0.00	7,132	200.60	0.11
36.80	0.00	7,091	200.59	0.11
36.90	0.00	7,051	200.59	0.11
37.00	0.00	7,011	200.59	0.11
37.10	0.00	6,970	200.58	0.11
37.20	0.00	6,931	200.58	0.11
37.30	0.00	6,891	200.58	0.11
37.40	0.00	6,851	200.57	0.11
37.50	0.00	6,812	200.57	0.11
37.60	0.00	6,772	200.57	0.11
37.70	0.00	6,733	200.56	0.11
37.80	0.00	6,694	200.56	0.11
37.90	0.00	6,655	200.56	0.11
38.00	0.00	6,617	200.55	0.11
38.10	0.00	6,578	200.55	0.11
38.20	0.00	6,539	200.55	0.11
38.30	0.00	6,501	200.54	0.11
38.40	0.00	6,463	200.54	0.11
38.50	0.00	6,425	200.54	0.11
38.60	0.00	6,387	200.53	0.11
38.70	0.00	6,349	200.53	0.10
38.80	0.00	6,311	200.53	0.10
38.90	0.00	6,274	200.53	0.10
39.00	0.00	6,237	200.52	0.10
39.10	0.00	6,199	200.52	0.10
39.20	0.00	6,162	200.52	0.10
39.30	0.00	6,125	200.51	0.10
39.40	0.00	6,089	200.51	0.10
39.50	0.00	6,052	200.51	0.10
39.60	0.00	6,016	200.50	0.10
39.70	0.00	5,979	200.50	0.10
39.80	0.00	5,943	200.50	0.10
39.90	0.00	5,907	200.50	0.10
40.00	0.00	5,871	200.49	0.10

Stage-Discharge for Pond B-5: Basin #5

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
200.00	0.00	200.52	0.10	201.04	0.16	201.56	0.20
200.01	0.00	200.53	0.10	201.05	0.16	201.57	0.20
200.02	0.00	200.54	0.11	201.06	0.16	201.58	0.20
200.03	0.00	200.55	0.11	201.07	0.16	201.59	0.20
200.04	0.00	200.56	0.11	201.08	0.16	201.60	0.20
200.05	0.00	200.57	0.11	201.09	0.16	201.61	0.20
200.06	0.00	200.58	0.11	201.10	0.16	201.62	0.20
200.07	0.00	200.59	0.11	201.11	0.16	201.63	0.20
200.08	0.01	200.60	0.11	201.12	0.16	201.64	0.20
200.09	0.01	200.61	0.11	201.13	0.16	201.65	0.20
200.10	0.01	200.62	0.12	201.14	0.17	201.66	0.20
200.11	0.01	200.63	0.12	201.15	0.17	201.67	0.20
200.12	0.02	200.64	0.12	201.16	0.17	201.68	0.20
200.13	0.02	200.65	0.12	201.17	0.17	201.69	0.21
200.14	0.02	200.66	0.12	201.18	0.17	201.70	0.21
200.15	0.03	200.67	0.12	201.19	0.17	201.71	0.21
200.16	0.03	200.68	0.12	201.20	0.17	201.72	0.21
200.17	0.03	200.69	0.12	201.21	0.17	201.73	0.21
200.18	0.04	200.70	0.12	201.22	0.17	201.74	0.21
200.19	0.04	200.71	0.13	201.23	0.17	201.75	0.21
200.20	0.05	200.72	0.13	201.24	0.17	201.76	0.21
200.21	0.05	200.73	0.13	201.25	0.17	201.77	0.21
200.22	0.05	200.74	0.13	201.26	0.17	201.78	0.21
200.23	0.05	200.75	0.13	201.27	0.18	201.79	0.21
200.24	0.06	200.76	0.13	201.28	0.18	201.80	0.21
200.25	0.06	200.77	0.13	201.29	0.18	201.81	0.21
200.26	0.06	200.78	0.13	201.30	0.18	201.82	0.21
200.27	0.06	200.79	0.13	201.31	0.18	201.83	0.21
200.28	0.06	200.80	0.13	201.32	0.18	201.84	0.22
200.29	0.07	200.81	0.14	201.33	0.18	201.85	0.22
200.30	0.07	200.82	0.14	201.34	0.18	201.86	0.22
200.31	0.07	200.83	0.14	201.35	0.18	201.87	0.22
200.32	0.07	200.84	0.14	201.36	0.18	201.88	0.22
200.33	0.07	200.85	0.14	201.37	0.18	201.89	0.22
200.34	0.08	200.86	0.14	201.38	0.18	201.90	0.22
200.35	0.08	200.87	0.14	201.39	0.18	201.91	0.22
200.36	0.08	200.88	0.14	201.40	0.19	201.92	0.22
200.37	0.08	200.89	0.14	201.41	0.19	201.93	0.22
200.38	0.08	200.90	0.14	201.42	0.19	201.94	0.22
200.39	0.08	200.91	0.15	201.43	0.19	201.95	0.22
200.40	0.09	200.92	0.15	201.44	0.19	201.96	0.22
200.41	0.09	200.93	0.15	201.45	0.19	201.97	0.22
200.42	0.09	200.94	0.15	201.46	0.19	201.98	0.22
200.43	0.09	200.95	0.15	201.47	0.19	201.99	0.22
200.44	0.09	200.96	0.15	201.48	0.19	202.00	0.22
200.45	0.09	200.97	0.15	201.49	0.19	202.01	0.23
200.46	0.10	200.98	0.15	201.50	0.19	202.02	0.23
200.47	0.10	200.99	0.15	201.51	0.19	202.03	0.23
200.48	0.10	201.00	0.15	201.52	0.19	202.04	0.23
200.49	0.10	201.01	0.15	201.53	0.19	202.05	0.23
200.50	0.10	201.02	0.16	201.54	0.20	202.06	0.23
200.51	0.10	201.03	0.16	201.55	0.20	202.07	0.23

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.08	0.23	202.60	0.26	203.12	0.28	203.64	0.31
202.09	0.23	202.61	0.26	203.13	0.28	203.65	0.31
202.10	0.23	202.62	0.26	203.14	0.29	203.66	0.31
202.11	0.23	202.63	0.26	203.15	0.29	203.67	0.31
202.12	0.23	202.64	0.26	203.16	0.29	203.68	0.31
202.13	0.23	202.65	0.26	203.17	0.29	203.69	0.31
202.14	0.23	202.66	0.26	203.18	0.29	203.70	0.31
202.15	0.23	202.67	0.26	203.19	0.29	203.71	0.31
202.16	0.23	202.68	0.26	203.20	0.29	203.72	0.31
202.17	0.23	202.69	0.26	203.21	0.29	203.73	0.31
202.18	0.24	202.70	0.26	203.22	0.29	203.74	0.31
202.19	0.24	202.71	0.26	203.23	0.29	203.75	0.31
202.20	0.24	202.72	0.26	203.24	0.29	203.76	0.31
202.21	0.24	202.73	0.26	203.25	0.29	203.77	0.31
202.22	0.24	202.74	0.27	203.26	0.29	203.78	0.31
202.23	0.24	202.75	0.27	203.27	0.29	203.79	0.31
202.24	0.24	202.76	0.27	203.28	0.29	203.80	0.31
202.25	0.24	202.77	0.27	203.29	0.29	203.81	0.32
202.26	0.24	202.78	0.27	203.30	0.29	203.82	0.32
202.27	0.24	202.79	0.27	203.31	0.29	203.83	0.32
202.28	0.24	202.80	0.27	203.32	0.29	203.84	0.32
202.29	0.24	202.81	0.27	203.33	0.29	203.85	0.32
202.30	0.24	202.82	0.27	203.34	0.29	203.86	0.32
202.31	0.24	202.83	0.27	203.35	0.29	203.87	0.32
202.32	0.24	202.84	0.27	203.36	0.30	203.88	0.32
202.33	0.24	202.85	0.27	203.37	0.30	203.89	0.32
202.34	0.24	202.86	0.27	203.38	0.30	203.90	0.32
202.35	0.24	202.87	0.27	203.39	0.30	203.91	0.32
202.36	0.25	202.88	0.27	203.40	0.30	203.92	0.32
202.37	0.25	202.89	0.27	203.41	0.30	203.93	0.32
202.38	0.25	202.90	0.27	203.42	0.30	203.94	0.32
202.39	0.25	202.91	0.27	203.43	0.30	203.95	0.32
202.40	0.25	202.92	0.27	203.44	0.30	203.96	0.32
202.41	0.25	202.93	0.27	203.45	0.30	203.97	0.32
202.42	0.25	202.94	0.28	203.46	0.30	203.98	0.32
202.43	0.25	202.95	0.28	203.47	0.30	203.99	0.32
202.44	0.25	202.96	0.28	203.48	0.30	204.00	0.32
202.45	0.25	202.97	0.28	203.49	0.30	204.01	0.34
202.46	0.25	202.98	0.28	203.50	0.30	204.02	0.36
202.47	0.25	202.99	0.28	203.51	0.30	204.03	0.39
202.48	0.25	203.00	0.28	203.52	0.30	204.04	0.43
202.49	0.25	203.01	0.28	203.53	0.30	204.05	0.47
202.50	0.25	203.02	0.28	203.54	0.30	204.06	0.52
202.51	0.25	203.03	0.28	203.55	0.30	204.07	0.57
202.52	0.25	203.04	0.28	203.56	0.30	204.08	0.62
202.53	0.25	203.05	0.28	203.57	0.30	204.09	0.68
202.54	0.26	203.06	0.28	203.58	0.31	204.10	0.74
202.55	0.26	203.07	0.28	203.59	0.31	204.11	0.80
202.56	0.26	203.08	0.28	203.60	0.31	204.12	0.87
202.57	0.26	203.09	0.28	203.61	0.31	204.13	0.94
202.58	0.26	203.10	0.28	203.62	0.31	204.14	1.01
202.59	0.26	203.11	0.28	203.63	0.31	204.15	1.08

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.16	1.16	204.68	7.44	205.20	27.10	205.72	106.34
204.17	1.24	204.69	7.59	205.21	28.14	205.73	108.14
204.18	1.32	204.70	7.74	205.22	29.21	205.74	109.95
204.19	1.40	204.71	7.90	205.23	30.30	205.75	111.78
204.20	1.49	204.72	8.06	205.24	31.42	205.76	113.62
204.21	1.58	204.73	8.21	205.25	32.56	205.77	115.47
204.22	1.67	204.74	8.37	205.26	33.73	205.78	117.33
204.23	1.76	204.75	8.53	205.27	34.93	205.79	119.20
204.24	1.85	204.76	8.69	205.28	36.15	205.80	121.09
204.25	1.95	204.77	8.85	205.29	37.40	205.81	123.03
204.26	2.05	204.78	9.01	205.30	38.67	205.82	124.98
204.27	2.14	204.79	9.18	205.31	39.97	205.83	126.94
204.28	2.25	204.80	9.34	205.32	41.29	205.84	128.92
204.29	2.35	204.81	9.50	205.33	42.64	205.85	130.90
204.30	2.45	204.82	9.67	205.34	44.01	205.86	132.91
204.31	2.56	204.83	9.84	205.35	45.40	205.87	134.92
204.32	2.67	204.84	10.00	205.36	46.83	205.88	136.95
204.33	2.78	204.85	10.17	205.37	48.27	205.89	138.99
204.34	2.89	204.86	10.34	205.38	49.74	205.90	141.05
204.35	3.00	204.87	10.51	205.39	51.24	205.91	143.11
204.36	3.11	204.88	10.68	205.40	52.76	205.92	145.19
204.37	3.23	204.89	10.85	205.41	54.33	205.93	147.29
204.38	3.34	204.90	11.02	205.42	55.86	205.94	149.39
204.39	3.46	204.91	11.20	205.43	57.30	205.95	151.51
204.40	3.58	204.92	11.37	205.44	58.76	205.96	153.64
204.41	3.70	204.93	11.55	205.45	60.25	205.97	155.79
204.42	3.83	204.94	11.72	205.46	61.76	205.98	157.94
204.43	3.95	204.95	11.90	205.47	63.30	205.99	160.11
204.44	4.07	204.96	12.07	205.48	64.87	206.00	162.29
204.45	4.20	204.97	12.25	205.49	66.46		
204.46	4.33	204.98	12.43	205.50	68.08		
204.47	4.46	204.99	12.61	205.51	69.73		
204.48	4.59	205.00	12.79	205.52	71.40		
204.49	4.72	205.01	13.09	205.53	73.10		
204.50	4.85	205.02	13.48	205.54	74.82		
204.51	4.99	205.03	13.94	205.55	76.57		
204.52	5.12	205.04	14.45	205.56	78.35		
204.53	5.26	205.05	15.01	205.57	80.16		
204.54	5.40	205.06	15.61	205.58	81.99		
204.55	5.53	205.07	16.24	205.59	83.85		
204.56	5.67	205.08	16.91	205.60	85.74		
204.57	5.81	205.09	17.61	205.61	87.38		
204.58	5.96	205.10	18.34	205.62	89.04		
204.59	6.10	205.11	19.11	205.63	90.71		
204.60	6.24	205.12	19.89	205.64	92.39		
204.61	6.39	205.13	20.71	205.65	94.09		
204.62	6.54	205.14	21.55	205.66	95.80		
204.63	6.68	205.15	22.42	205.67	97.53		
204.64	6.83	205.16	23.31	205.68	99.26		
204.65	6.98	205.17	24.22	205.69	101.01		
204.66	7.13	205.18	25.16	205.70	102.78		
204.67	7.28	205.19	26.12	205.71	104.55		

Stage-Area-Storage for Pond B-5: Basin #5

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.00	11,631	0	200.52	12,238	6,206
200.01	11,643	116	200.53	12,250	6,328
200.02	11,654	233	200.54	12,261	6,451
200.03	11,666	349	200.55	12,273	6,574
200.04	11,678	466	200.56	12,285	6,696
200.05	11,689	583	200.57	12,296	6,819
200.06	11,701	700	200.58	12,308	6,942
200.07	11,713	817	200.59	12,320	7,065
200.08	11,724	934	200.60	12,331	7,189
200.09	11,736	1,052	200.61	12,343	7,312
200.10	11,748	1,169	200.62	12,355	7,436
200.11	11,759	1,286	200.63	12,366	7,559
200.12	11,771	1,404	200.64	12,378	7,683
200.13	11,783	1,522	200.65	12,390	7,807
200.14	11,794	1,640	200.66	12,401	7,931
200.15	11,806	1,758	200.67	12,413	8,055
200.16	11,818	1,876	200.68	12,425	8,179
200.17	11,829	1,994	200.69	12,436	8,303
200.18	11,841	2,112	200.70	12,448	8,428
200.19	11,853	2,231	200.71	12,460	8,552
200.20	11,864	2,350	200.72	12,471	8,677
200.21	11,876	2,468	200.73	12,483	8,802
200.22	11,888	2,587	200.74	12,495	8,926
200.23	11,899	2,706	200.75	12,506	9,051
200.24	11,911	2,825	200.76	12,518	9,177
200.25	11,923	2,944	200.77	12,530	9,302
200.26	11,934	3,064	200.78	12,541	9,427
200.27	11,946	3,183	200.79	12,553	9,553
200.28	11,958	3,302	200.80	12,565	9,678
200.29	11,969	3,422	200.81	12,576	9,804
200.30	11,981	3,542	200.82	12,588	9,930
200.31	11,993	3,662	200.83	12,600	10,056
200.32	12,004	3,782	200.84	12,611	10,182
200.33	12,016	3,902	200.85	12,623	10,308
200.34	12,028	4,022	200.86	12,635	10,434
200.35	12,039	4,142	200.87	12,646	10,561
200.36	12,051	4,263	200.88	12,658	10,687
200.37	12,063	4,383	200.89	12,670	10,814
200.38	12,074	4,504	200.90	12,681	10,941
200.39	12,086	4,625	200.91	12,693	11,067
200.40	12,098	4,746	200.92	12,705	11,194
200.41	12,109	4,867	200.93	12,716	11,321
200.42	12,121	4,988	200.94	12,728	11,449
200.43	12,133	5,109	200.95	12,740	11,576
200.44	12,144	5,231	200.96	12,751	11,704
200.45	12,156	5,352	200.97	12,763	11,831
200.46	12,168	5,474	200.98	12,775	11,959
200.47	12,179	5,595	200.99	12,786	12,087
200.48	12,191	5,717	201.00	12,798	12,215
200.49	12,203	5,839	201.01	12,810	12,343
200.50	12,215	5,961	201.02	12,822	12,471
200.51	12,226	6,084	201.03	12,834	12,599

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.04	12,846	12,727	201.56	13,476	19,571
201.05	12,859	12,856	201.57	13,488	19,706
201.06	12,871	12,985	201.58	13,500	19,841
201.07	12,883	13,113	201.59	13,512	19,976
201.08	12,895	13,242	201.60	13,525	20,111
201.09	12,907	13,371	201.61	13,537	20,247
201.10	12,919	13,500	201.62	13,549	20,382
201.11	12,931	13,630	201.63	13,561	20,518
201.12	12,943	13,759	201.64	13,573	20,653
201.13	12,955	13,888	201.65	13,585	20,789
201.14	12,968	14,018	201.66	13,597	20,925
201.15	12,980	14,148	201.67	13,609	21,061
201.16	12,992	14,278	201.68	13,621	21,197
201.17	13,004	14,408	201.69	13,634	21,333
201.18	13,016	14,538	201.70	13,646	21,470
201.19	13,028	14,668	201.71	13,658	21,606
201.20	13,040	14,798	201.72	13,670	21,743
201.21	13,052	14,929	201.73	13,682	21,880
201.22	13,064	15,059	201.74	13,694	22,017
201.23	13,077	15,190	201.75	13,706	22,154
201.24	13,089	15,321	201.76	13,718	22,291
201.25	13,101	15,452	201.77	13,730	22,428
201.26	13,113	15,583	201.78	13,743	22,565
201.27	13,125	15,714	201.79	13,755	22,703
201.28	13,137	15,845	201.80	13,767	22,840
201.29	13,149	15,977	201.81	13,779	22,978
201.30	13,161	16,108	201.82	13,791	23,116
201.31	13,173	16,240	201.83	13,803	23,254
201.32	13,186	16,372	201.84	13,815	23,392
201.33	13,198	16,504	201.85	13,827	23,530
201.34	13,210	16,636	201.86	13,839	23,669
201.35	13,222	16,768	201.87	13,852	23,807
201.36	13,234	16,900	201.88	13,864	23,946
201.37	13,246	17,033	201.89	13,876	24,084
201.38	13,258	17,165	201.90	13,888	24,223
201.39	13,270	17,298	201.91	13,900	24,362
201.40	13,282	17,431	201.92	13,912	24,501
201.41	13,295	17,563	201.93	13,924	24,640
201.42	13,307	17,696	201.94	13,936	24,780
201.43	13,319	17,830	201.95	13,948	24,919
201.44	13,331	17,963	201.96	13,961	25,059
201.45	13,343	18,096	201.97	13,973	25,198
201.46	13,355	18,230	201.98	13,985	25,338
201.47	13,367	18,363	201.99	13,997	25,478
201.48	13,379	18,497	202.00	14,009	25,618
201.49	13,391	18,631	202.01	14,022	25,758
201.50	13,404	18,765	202.02	14,034	25,898
201.51	13,416	18,899	202.03	14,047	26,039
201.52	13,428	19,033	202.04	14,059	26,179
201.53	13,440	19,168	202.05	14,072	26,320
201.54	13,452	19,302	202.06	14,084	26,461
201.55	13,464	19,437	202.07	14,097	26,602

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.08	14,109	26,743	202.60	14,761	34,249
202.09	14,122	26,884	202.61	14,773	34,397
202.10	14,134	27,025	202.62	14,786	34,544
202.11	14,147	27,167	202.63	14,798	34,692
202.12	14,159	27,308	202.64	14,811	34,840
202.13	14,172	27,450	202.65	14,823	34,989
202.14	14,184	27,592	202.66	14,836	35,137
202.15	14,197	27,733	202.67	14,849	35,285
202.16	14,209	27,875	202.68	14,861	35,434
202.17	14,222	28,018	202.69	14,874	35,582
202.18	14,235	28,160	202.70	14,886	35,731
202.19	14,247	28,302	202.71	14,899	35,880
202.20	14,260	28,445	202.72	14,911	36,029
202.21	14,272	28,588	202.73	14,924	36,178
202.22	14,285	28,730	202.74	14,936	36,328
202.23	14,297	28,873	202.75	14,949	36,477
202.24	14,310	29,016	202.76	14,961	36,627
202.25	14,322	29,159	202.77	14,974	36,776
202.26	14,335	29,303	202.78	14,986	36,926
202.27	14,347	29,446	202.79	14,999	37,076
202.28	14,360	29,590	202.80	15,011	37,226
202.29	14,372	29,733	202.81	15,024	37,376
202.30	14,385	29,877	202.82	15,036	37,527
202.31	14,397	30,021	202.83	15,049	37,677
202.32	14,410	30,165	202.84	15,062	37,828
202.33	14,422	30,309	202.85	15,074	37,978
202.34	14,435	30,453	202.86	15,087	38,129
202.35	14,448	30,598	202.87	15,099	38,280
202.36	14,460	30,742	202.88	15,112	38,431
202.37	14,473	30,887	202.89	15,124	38,582
202.38	14,485	31,032	202.90	15,137	38,734
202.39	14,498	31,177	202.91	15,149	38,885
202.40	14,510	31,322	202.92	15,162	39,037
202.41	14,523	31,467	202.93	15,174	39,188
202.42	14,535	31,612	202.94	15,187	39,340
202.43	14,548	31,758	202.95	15,199	39,492
202.44	14,560	31,903	202.96	15,212	39,644
202.45	14,573	32,049	202.97	15,224	39,796
202.46	14,585	32,195	202.98	15,237	39,949
202.47	14,598	32,341	202.99	15,249	40,101
202.48	14,610	32,487	203.00	15,262	40,254
202.49	14,623	32,633	203.01	15,275	40,406
202.50	14,636	32,779	203.02	15,288	40,559
202.51	14,648	32,926	203.03	15,301	40,712
202.52	14,661	33,072	203.04	15,314	40,865
202.53	14,673	33,219	203.05	15,327	41,018
202.54	14,686	33,366	203.06	15,340	41,172
202.55	14,698	33,512	203.07	15,353	41,325
202.56	14,711	33,660	203.08	15,366	41,479
202.57	14,723	33,807	203.09	15,379	41,632
202.58	14,736	33,954	203.10	15,392	41,786
202.59	14,748	34,101	203.11	15,405	41,940

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.12	15,418	42,094	203.64	16,091	50,287
203.13	15,430	42,249	203.65	16,104	50,448
203.14	15,443	42,403	203.66	16,117	50,609
203.15	15,456	42,557	203.67	16,130	50,770
203.16	15,469	42,712	203.68	16,143	50,931
203.17	15,482	42,867	203.69	16,156	51,093
203.18	15,495	43,022	203.70	16,169	51,254
203.19	15,508	43,177	203.71	16,182	51,416
203.20	15,521	43,332	203.72	16,195	51,578
203.21	15,534	43,487	203.73	16,208	51,740
203.22	15,547	43,643	203.74	16,221	51,902
203.23	15,560	43,798	203.75	16,234	52,065
203.24	15,573	43,954	203.76	16,247	52,227
203.25	15,586	44,110	203.77	16,260	52,389
203.26	15,599	44,265	203.78	16,273	52,552
203.27	15,612	44,421	203.79	16,286	52,715
203.28	15,625	44,578	203.80	16,299	52,878
203.29	15,638	44,734	203.81	16,312	53,041
203.30	15,651	44,890	203.82	16,325	53,204
203.31	15,664	45,047	203.83	16,338	53,367
203.32	15,677	45,204	203.84	16,351	53,531
203.33	15,690	45,361	203.85	16,364	53,694
203.34	15,703	45,517	203.86	16,377	53,858
203.35	15,716	45,675	203.87	16,390	54,022
203.36	15,729	45,832	203.88	16,402	54,186
203.37	15,742	45,989	203.89	16,415	54,350
203.38	15,754	46,147	203.90	16,428	54,514
203.39	15,767	46,304	203.91	16,441	54,679
203.40	15,780	46,462	203.92	16,454	54,843
203.41	15,793	46,620	203.93	16,467	55,008
203.42	15,806	46,778	203.94	16,480	55,172
203.43	15,819	46,936	203.95	16,493	55,337
203.44	15,832	47,094	203.96	16,506	55,502
203.45	15,845	47,253	203.97	16,519	55,667
203.46	15,858	47,411	203.98	16,532	55,833
203.47	15,871	47,570	203.99	16,545	55,998
203.48	15,884	47,729	204.00	16,558	56,164
203.49	15,897	47,887	204.01	16,571	56,329
203.50	15,910	48,047	204.02	16,585	56,495
203.51	15,923	48,206	204.03	16,598	56,661
203.52	15,936	48,365	204.04	16,612	56,827
203.53	15,949	48,524	204.05	16,625	56,993
203.54	15,962	48,684	204.06	16,638	57,159
203.55	15,975	48,844	204.07	16,652	57,326
203.56	15,988	49,003	204.08	16,665	57,492
203.57	16,001	49,163	204.09	16,678	57,659
203.58	16,014	49,323	204.10	16,692	57,826
203.59	16,027	49,484	204.11	16,705	57,993
203.60	16,040	49,644	204.12	16,719	58,160
203.61	16,053	49,804	204.13	16,732	58,327
203.62	16,066	49,965	204.14	16,745	58,495
203.63	16,078	50,126	204.15	16,759	58,662

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.16	16,772	58,830	204.68	17,468	67,732
204.17	16,785	58,998	204.69	17,481	67,907
204.18	16,799	59,166	204.70	17,495	68,082
204.19	16,812	59,334	204.71	17,508	68,257
204.20	16,826	59,502	204.72	17,521	68,432
204.21	16,839	59,670	204.73	17,535	68,607
204.22	16,852	59,839	204.74	17,548	68,783
204.23	16,866	60,007	204.75	17,562	68,958
204.24	16,879	60,176	204.76	17,575	69,134
204.25	16,893	60,345	204.77	17,588	69,310
204.26	16,906	60,514	204.78	17,602	69,486
204.27	16,919	60,683	204.79	17,615	69,662
204.28	16,933	60,852	204.80	17,628	69,838
204.29	16,946	61,022	204.81	17,642	70,014
204.30	16,959	61,191	204.82	17,655	70,191
204.31	16,973	61,361	204.83	17,669	70,368
204.32	16,986	61,531	204.84	17,682	70,544
204.33	17,000	61,700	204.85	17,695	70,721
204.34	17,013	61,871	204.86	17,709	70,898
204.35	17,026	62,041	204.87	17,722	71,075
204.36	17,040	62,211	204.88	17,735	71,253
204.37	17,053	62,382	204.89	17,749	71,430
204.38	17,066	62,552	204.90	17,762	71,608
204.39	17,080	62,723	204.91	17,776	71,785
204.40	17,093	62,894	204.92	17,789	71,963
204.41	17,107	63,065	204.93	17,802	72,141
204.42	17,120	63,236	204.94	17,816	72,319
204.43	17,133	63,407	204.95	17,829	72,497
204.44	17,147	63,579	204.96	17,842	72,676
204.45	17,160	63,750	204.97	17,856	72,854
204.46	17,173	63,922	204.98	17,869	73,033
204.47	17,187	64,094	204.99	17,883	73,212
204.48	17,200	64,265	205.00	17,896	73,391
204.49	17,214	64,438	205.01	17,910	73,570
204.50	17,227	64,610	205.02	17,924	73,749
204.51	17,240	64,782	205.03	17,937	73,928
204.52	17,254	64,955	205.04	17,951	74,107
204.53	17,267	65,127	205.05	17,965	74,287
204.54	17,281	65,300	205.06	17,979	74,467
204.55	17,294	65,473	205.07	17,993	74,647
204.56	17,307	65,646	205.08	18,006	74,827
204.57	17,321	65,819	205.09	18,020	75,007
204.58	17,334	65,992	205.10	18,034	75,187
204.59	17,347	66,166	205.11	18,048	75,367
204.60	17,361	66,339	205.12	18,061	75,548
204.61	17,374	66,513	205.13	18,075	75,729
204.62	17,388	66,687	205.14	18,089	75,909
204.63	17,401	66,861	205.15	18,103	76,090
204.64	17,414	67,035	205.16	18,117	76,272
204.65	17,428	67,209	205.17	18,130	76,453
204.66	17,441	67,383	205.18	18,144	76,634
204.67	17,454	67,558	205.19	18,158	76,816

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.20	18,172	76,997	205.72	18,889	86,633
205.21	18,186	77,179	205.73	18,903	86,822
205.22	18,199	77,361	205.74	18,916	87,011
205.23	18,213	77,543	205.75	18,930	87,200
205.24	18,227	77,725	205.76	18,944	87,390
205.25	18,241	77,908	205.77	18,958	87,579
205.26	18,255	78,090	205.78	18,972	87,769
205.27	18,268	78,273	205.79	18,985	87,959
205.28	18,282	78,455	205.80	18,999	88,149
205.29	18,296	78,638	205.81	19,013	88,339
205.30	18,310	78,821	205.82	19,027	88,529
205.31	18,323	79,005	205.83	19,041	88,719
205.32	18,337	79,188	205.84	19,054	88,910
205.33	18,351	79,371	205.85	19,068	89,100
205.34	18,365	79,555	205.86	19,082	89,291
205.35	18,379	79,739	205.87	19,096	89,482
205.36	18,392	79,922	205.88	19,110	89,673
205.37	18,406	80,106	205.89	19,123	89,864
205.38	18,420	80,291	205.90	19,137	90,055
205.39	18,434	80,475	205.91	19,151	90,247
205.40	18,448	80,659	205.92	19,165	90,438
205.41	18,461	80,844	205.93	19,178	90,630
205.42	18,475	81,028	205.94	19,192	90,822
205.43	18,489	81,213	205.95	19,206	91,014
205.44	18,503	81,398	205.96	19,220	91,206
205.45	18,517	81,583	205.97	19,234	91,398
205.46	18,530	81,769	205.98	19,247	91,591
205.47	18,544	81,954	205.99	19,261	91,783
205.48	18,558	82,139	206.00	19,275	91,976
205.49	18,572	82,325			
205.50	18,586	82,511			
205.51	18,599	82,697			
205.52	18,613	82,883			
205.53	18,627	83,069			
205.54	18,641	83,255			
205.55	18,654	83,442			
205.56	18,668	83,628			
205.57	18,682	83,815			
205.58	18,696	84,002			
205.59	18,710	84,189			
205.60	18,723	84,376			
205.61	18,737	84,564			
205.62	18,751	84,751			
205.63	18,765	84,939			
205.64	18,779	85,126			
205.65	18,792	85,314			
205.66	18,806	85,502			
205.67	18,820	85,690			
205.68	18,834	85,879			
205.69	18,848	86,067			
205.70	18,861	86,256			
205.71	18,875	86,444			

Summary for Pond B-6: Basin #6

Inflow Area = 1.191 ac, 58.27% Impervious, Inflow Depth = 2.73" for Future 2 yr event
 Inflow = 3.23 cfs @ 12.17 hrs, Volume= 0.271 af
 Outflow = 0.15 cfs @ 14.62 hrs, Volume= 0.198 af, Atten= 95%, Lag= 146.7 min
 Primary = 0.15 cfs @ 14.62 hrs, Volume= 0.198 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 200.39' @ 14.62 hrs Surf.Area= 6,336 sf Storage= 8,168 cf

Plug-Flow detention time= 616.2 min calculated for 0.198 af (73% of inflow)
 Center-of-Mass det. time= 520.2 min (1,300.6 - 780.4)

Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	35,769 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,389	0	0
200.00	6,060	5,725	5,725
201.00	6,761	6,411	12,135
202.00	7,490	7,126	19,261
203.00	8,247	7,869	27,129
204.00	9,032	8,640	35,769

Device	Routing	Invert	Outlet Devices
#1	Primary	197.65'	18.0" Round Culvert L= 627.0' Ke= 0.500 Inlet / Outlet Invert= 197.65' / 194.00' S= 0.0058 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	199.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	203.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.15 cfs @ 14.62 hrs HW=200.39' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 8.71 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.28 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

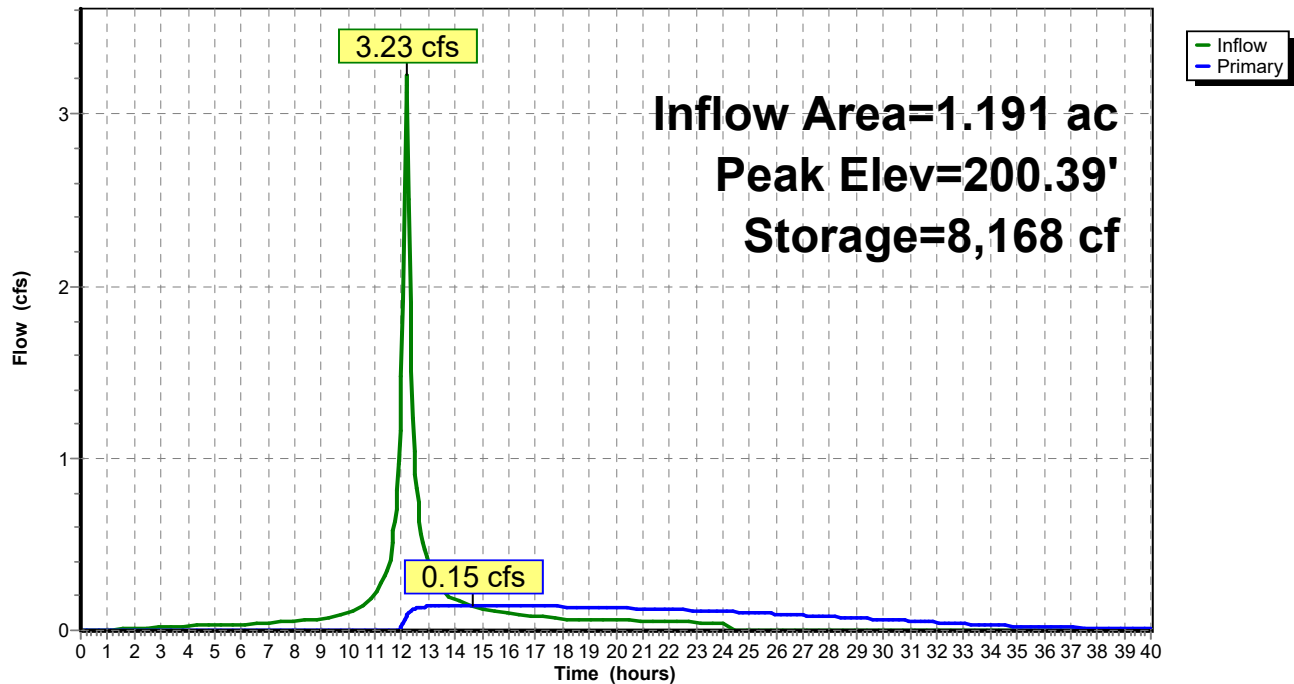
Sharp-Crested Rectangular Weir

Pond B-6: Basin #6

Orifice/Grate

Culvert



Pond B-6: Basin #6**Hydrograph**

Hydrograph for Pond B-6: Basin #6

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.00	0	199.00	0.00
0.70	0.00	0	199.00	0.00
0.80	0.00	0	199.00	0.00
0.90	0.00	0	199.00	0.00
1.00	0.00	0	199.00	0.00
1.10	0.00	0	199.00	0.00
1.20	0.00	0	199.00	0.00
1.30	0.00	1	199.00	0.00
1.40	0.00	2	199.00	0.00
1.50	0.00	3	199.00	0.00
1.60	0.01	5	199.00	0.00
1.70	0.01	7	199.00	0.00
1.80	0.01	10	199.00	0.00
1.90	0.01	13	199.00	0.00
2.00	0.01	16	199.00	0.00
2.10	0.01	20	199.00	0.00
2.20	0.01	23	199.00	0.00
2.30	0.01	28	199.01	0.00
2.40	0.01	32	199.01	0.00
2.50	0.01	37	199.01	0.00
2.60	0.01	42	199.01	0.00
2.70	0.02	48	199.01	0.00
2.80	0.02	54	199.01	0.00
2.90	0.02	60	199.01	0.00
3.00	0.02	66	199.01	0.00
3.10	0.02	72	199.01	0.00
3.20	0.02	79	199.01	0.00
3.30	0.02	86	199.02	0.00
3.40	0.02	94	199.02	0.00
3.50	0.02	101	199.02	0.00
3.60	0.02	109	199.02	0.00
3.70	0.02	117	199.02	0.00
3.80	0.02	125	199.02	0.00
3.90	0.02	134	199.02	0.00
4.00	0.02	142	199.03	0.00
4.10	0.02	151	199.03	0.00
4.20	0.03	160	199.03	0.00
4.30	0.03	170	199.03	0.00
4.40	0.03	179	199.03	0.00
4.50	0.03	189	199.03	0.00
4.60	0.03	199	199.04	0.00
4.70	0.03	209	199.04	0.00
4.80	0.03	219	199.04	0.00
4.90	0.03	230	199.04	0.00
5.00	0.03	240	199.04	0.00
5.10	0.03	251	199.05	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	262	199.05	0.00
5.30	0.03	273	199.05	0.00
5.40	0.03	285	199.05	0.00
5.50	0.03	296	199.05	0.00
5.60	0.03	308	199.06	0.00
5.70	0.03	320	199.06	0.00
5.80	0.03	332	199.06	0.00
5.90	0.03	344	199.06	0.00
6.00	0.03	356	199.07	0.00
6.10	0.04	369	199.07	0.00
6.20	0.04	382	199.07	0.00
6.30	0.04	395	199.07	0.00
6.40	0.04	408	199.08	0.00
6.50	0.04	422	199.08	0.00
6.60	0.04	437	199.08	0.00
6.70	0.04	452	199.08	0.00
6.80	0.04	467	199.09	0.00
6.90	0.04	482	199.09	0.00
7.00	0.05	498	199.09	0.00
7.10	0.05	515	199.09	0.00
7.20	0.05	532	199.10	0.00
7.30	0.05	549	199.10	0.00
7.40	0.05	567	199.10	0.00
7.50	0.05	585	199.11	0.00
7.60	0.05	603	199.11	0.00
7.70	0.05	622	199.11	0.00
7.80	0.05	641	199.12	0.00
7.90	0.06	661	199.12	0.00
8.00	0.06	681	199.13	0.00
8.10	0.06	702	199.13	0.00
8.20	0.06	723	199.13	0.00
8.30	0.06	744	199.14	0.00
8.40	0.06	766	199.14	0.00
8.50	0.06	788	199.14	0.00
8.60	0.06	811	199.15	0.00
8.70	0.06	834	199.15	0.00
8.80	0.07	858	199.16	0.00
8.90	0.07	882	199.16	0.00
9.00	0.07	906	199.17	0.00
9.10	0.07	931	199.17	0.00
9.20	0.07	957	199.18	0.00
9.30	0.08	984	199.18	0.00
9.40	0.08	1,012	199.19	0.00
9.50	0.09	1,042	199.19	0.00
9.60	0.09	1,073	199.20	0.00
9.70	0.09	1,106	199.20	0.00
9.80	0.10	1,140	199.21	0.00
9.90	0.10	1,176	199.22	0.00
10.00	0.11	1,213	199.22	0.00
10.10	0.11	1,252	199.23	0.00
10.20	0.11	1,292	199.24	0.00
10.30	0.12	1,334	199.24	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,377	199.25	0.00
10.50	0.13	1,423	199.26	0.00
10.60	0.14	1,470	199.27	0.00
10.70	0.15	1,522	199.28	0.00
10.80	0.17	1,579	199.29	0.00
10.90	0.19	1,643	199.30	0.00
11.00	0.20	1,712	199.31	0.00
11.10	0.22	1,789	199.33	0.00
11.20	0.26	1,876	199.34	0.00
11.30	0.29	1,973	199.36	0.00
11.40	0.32	2,084	199.38	0.00
11.50	0.36	2,207	199.40	0.00
11.60	0.44	2,347	199.42	0.00
11.70	0.58	2,531	199.46	0.00
11.80	0.71	2,760	199.50	0.00
11.90	0.96	3,056	199.55	0.00
12.00	1.48	3,480	199.62	0.02
12.10	2.55	4,172	199.74	0.06
12.20	3.12	5,225	199.92	0.09
12.30	1.90	6,091	200.06	0.11
12.40	1.23	6,602	200.14	0.12
12.50	0.91	6,937	200.20	0.13
12.60	0.74	7,188	200.24	0.13
12.70	0.56	7,371	200.27	0.13
12.80	0.48	7,509	200.29	0.14
12.90	0.43	7,624	200.31	0.14
13.00	0.39	7,723	200.32	0.14
13.10	0.35	7,807	200.34	0.14
13.20	0.31	7,876	200.35	0.14
13.30	0.29	7,933	200.36	0.14
13.40	0.27	7,982	200.36	0.14
13.50	0.24	8,022	200.37	0.14
13.60	0.22	8,054	200.38	0.14
13.70	0.20	8,078	200.38	0.14
13.80	0.19	8,097	200.38	0.14
13.90	0.19	8,113	200.39	0.15
14.00	0.18	8,128	200.39	0.15
14.10	0.18	8,140	200.39	0.15
14.20	0.17	8,149	200.39	0.15
14.30	0.16	8,157	200.39	0.15
14.40	0.16	8,163	200.39	0.15
14.50	0.15	8,166	200.39	0.15
14.60	0.15	8,168	200.39	0.15
14.70	0.14	8,167	200.39	0.15
14.80	0.14	8,164	200.39	0.15
14.90	0.13	8,159	200.39	0.15
15.00	0.12	8,152	200.39	0.15
15.10	0.12	8,143	200.39	0.15
15.20	0.11	8,132	200.39	0.15
15.30	0.11	8,120	200.39	0.15
15.40	0.11	8,107	200.38	0.14
15.50	0.11	8,094	200.38	0.14

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.11	8,080	200.38	0.14
15.70	0.10	8,066	200.38	0.14
15.80	0.10	8,051	200.38	0.14
15.90	0.10	8,036	200.37	0.14
16.00	0.10	8,020	200.37	0.14
16.10	0.10	8,004	200.37	0.14
16.20	0.10	7,987	200.37	0.14
16.30	0.09	7,970	200.36	0.14
16.40	0.09	7,952	200.36	0.14
16.50	0.09	7,934	200.36	0.14
16.60	0.09	7,916	200.35	0.14
16.70	0.09	7,897	200.35	0.14
16.80	0.09	7,877	200.35	0.14
16.90	0.09	7,857	200.35	0.14
17.00	0.08	7,837	200.34	0.14
17.10	0.08	7,816	200.34	0.14
17.20	0.08	7,795	200.34	0.14
17.30	0.08	7,773	200.33	0.14
17.40	0.08	7,751	200.33	0.14
17.50	0.08	7,728	200.32	0.14
17.60	0.07	7,705	200.32	0.14
17.70	0.07	7,682	200.32	0.14
17.80	0.07	7,658	200.31	0.14
17.90	0.07	7,634	200.31	0.14
18.00	0.07	7,609	200.31	0.14
18.10	0.07	7,584	200.30	0.14
18.20	0.07	7,558	200.30	0.14
18.30	0.06	7,532	200.29	0.14
18.40	0.06	7,506	200.29	0.14
18.50	0.06	7,481	200.29	0.14
18.60	0.06	7,455	200.28	0.14
18.70	0.06	7,429	200.28	0.13
18.80	0.06	7,403	200.27	0.13
18.90	0.06	7,377	200.27	0.13
19.00	0.06	7,352	200.26	0.13
19.10	0.06	7,326	200.26	0.13
19.20	0.06	7,300	200.26	0.13
19.30	0.06	7,274	200.25	0.13
19.40	0.06	7,249	200.25	0.13
19.50	0.06	7,223	200.24	0.13
19.60	0.06	7,197	200.24	0.13
19.70	0.06	7,171	200.24	0.13
19.80	0.06	7,146	200.23	0.13
19.90	0.06	7,120	200.23	0.13
20.00	0.06	7,095	200.22	0.13
20.10	0.06	7,069	200.22	0.13
20.20	0.06	7,043	200.21	0.13
20.30	0.06	7,018	200.21	0.13
20.40	0.06	6,992	200.21	0.13
20.50	0.06	6,967	200.20	0.13
20.60	0.06	6,941	200.20	0.13
20.70	0.06	6,916	200.19	0.13

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	6,890	200.19	0.13
20.90	0.05	6,865	200.19	0.13
21.00	0.05	6,839	200.18	0.12
21.10	0.05	6,814	200.18	0.12
21.20	0.05	6,788	200.17	0.12
21.30	0.05	6,763	200.17	0.12
21.40	0.05	6,737	200.17	0.12
21.50	0.05	6,712	200.16	0.12
21.60	0.05	6,687	200.16	0.12
21.70	0.05	6,661	200.15	0.12
21.80	0.05	6,636	200.15	0.12
21.90	0.05	6,611	200.15	0.12
22.00	0.05	6,585	200.14	0.12
22.10	0.05	6,560	200.14	0.12
22.20	0.05	6,535	200.13	0.12
22.30	0.05	6,510	200.13	0.12
22.40	0.05	6,485	200.12	0.12
22.50	0.05	6,460	200.12	0.12
22.60	0.05	6,434	200.12	0.12
22.70	0.05	6,409	200.11	0.12
22.80	0.05	6,384	200.11	0.12
22.90	0.05	6,359	200.10	0.12
23.00	0.05	6,334	200.10	0.12
23.10	0.05	6,309	200.10	0.12
23.20	0.05	6,284	200.09	0.11
23.30	0.04	6,259	200.09	0.11
23.40	0.04	6,234	200.08	0.11
23.50	0.04	6,210	200.08	0.11
23.60	0.04	6,185	200.08	0.11
23.70	0.04	6,160	200.07	0.11
23.80	0.04	6,135	200.07	0.11
23.90	0.04	6,111	200.06	0.11
24.00	0.04	6,086	200.06	0.11
24.10	0.04	6,062	200.06	0.11
24.20	0.01	6,031	200.05	0.11
24.30	0.00	5,994	200.04	0.11
24.40	0.00	5,955	200.04	0.11
24.50	0.00	5,916	200.03	0.11
24.60	0.00	5,878	200.03	0.11
24.70	0.00	5,840	200.02	0.11
24.80	0.00	5,802	200.01	0.10
24.90	0.00	5,764	200.01	0.10
25.00	0.00	5,727	200.00	0.10
25.10	0.00	5,690	199.99	0.10
25.20	0.00	5,653	199.99	0.10
25.30	0.00	5,617	199.98	0.10
25.40	0.00	5,580	199.98	0.10
25.50	0.00	5,545	199.97	0.10
25.60	0.00	5,509	199.96	0.10
25.70	0.00	5,474	199.96	0.10
25.80	0.00	5,439	199.95	0.10
25.90	0.00	5,404	199.95	0.10

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,370	199.94	0.10
26.10	0.00	5,335	199.94	0.09
26.20	0.00	5,302	199.93	0.09
26.30	0.00	5,268	199.92	0.09
26.40	0.00	5,235	199.92	0.09
26.50	0.00	5,202	199.91	0.09
26.60	0.00	5,169	199.91	0.09
26.70	0.00	5,137	199.90	0.09
26.80	0.00	5,105	199.90	0.09
26.90	0.00	5,073	199.89	0.09
27.00	0.00	5,041	199.89	0.09
27.10	0.00	5,010	199.88	0.09
27.20	0.00	4,979	199.88	0.09
27.30	0.00	4,948	199.87	0.08
27.40	0.00	4,918	199.87	0.08
27.50	0.00	4,888	199.86	0.08
27.60	0.00	4,858	199.86	0.08
27.70	0.00	4,829	199.85	0.08
27.80	0.00	4,800	199.85	0.08
27.90	0.00	4,771	199.84	0.08
28.00	0.00	4,742	199.84	0.08
28.10	0.00	4,714	199.83	0.08
28.20	0.00	4,686	199.83	0.08
28.30	0.00	4,658	199.82	0.08
28.40	0.00	4,631	199.82	0.08
28.50	0.00	4,604	199.81	0.07
28.60	0.00	4,577	199.81	0.07
28.70	0.00	4,550	199.80	0.07
28.80	0.00	4,524	199.80	0.07
28.90	0.00	4,498	199.80	0.07
29.00	0.00	4,472	199.79	0.07
29.10	0.00	4,447	199.79	0.07
29.20	0.00	4,422	199.78	0.07
29.30	0.00	4,397	199.78	0.07
29.40	0.00	4,373	199.77	0.07
29.50	0.00	4,349	199.77	0.07
29.60	0.00	4,325	199.77	0.07
29.70	0.00	4,301	199.76	0.07
29.80	0.00	4,278	199.76	0.06
29.90	0.00	4,255	199.75	0.06
30.00	0.00	4,232	199.75	0.06
30.10	0.00	4,210	199.75	0.06
30.20	0.00	4,188	199.74	0.06
30.30	0.00	4,166	199.74	0.06
30.40	0.00	4,144	199.74	0.06
30.50	0.00	4,123	199.73	0.06
30.60	0.00	4,102	199.73	0.06
30.70	0.00	4,082	199.72	0.06
30.80	0.00	4,061	199.72	0.06
30.90	0.00	4,041	199.72	0.06
31.00	0.00	4,021	199.71	0.05
31.10	0.00	4,002	199.71	0.05

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,983	199.71	0.05
31.30	0.00	3,964	199.70	0.05
31.40	0.00	3,945	199.70	0.05
31.50	0.00	3,927	199.70	0.05
31.60	0.00	3,909	199.70	0.05
31.70	0.00	3,891	199.69	0.05
31.80	0.00	3,874	199.69	0.05
31.90	0.00	3,857	199.69	0.05
32.00	0.00	3,840	199.68	0.05
32.10	0.00	3,824	199.68	0.04
32.20	0.00	3,808	199.68	0.04
32.30	0.00	3,792	199.68	0.04
32.40	0.00	3,777	199.67	0.04
32.50	0.00	3,762	199.67	0.04
32.60	0.00	3,747	199.67	0.04
32.70	0.00	3,733	199.67	0.04
32.80	0.00	3,719	199.66	0.04
32.90	0.00	3,705	199.66	0.04
33.00	0.00	3,691	199.66	0.04
33.10	0.00	3,678	199.66	0.04
33.20	0.00	3,665	199.65	0.04
33.30	0.00	3,652	199.65	0.04
33.40	0.00	3,640	199.65	0.03
33.50	0.00	3,627	199.65	0.03
33.60	0.00	3,615	199.64	0.03
33.70	0.00	3,604	199.64	0.03
33.80	0.00	3,592	199.64	0.03
33.90	0.00	3,581	199.64	0.03
34.00	0.00	3,570	199.64	0.03
34.10	0.00	3,559	199.64	0.03
34.20	0.00	3,549	199.63	0.03
34.30	0.00	3,538	199.63	0.03
34.40	0.00	3,528	199.63	0.03
34.50	0.00	3,518	199.63	0.03
34.60	0.00	3,509	199.63	0.03
34.70	0.00	3,499	199.62	0.03
34.80	0.00	3,490	199.62	0.03
34.90	0.00	3,481	199.62	0.02
35.00	0.00	3,472	199.62	0.02
35.10	0.00	3,463	199.62	0.02
35.20	0.00	3,455	199.62	0.02
35.30	0.00	3,446	199.62	0.02
35.40	0.00	3,438	199.61	0.02
35.50	0.00	3,430	199.61	0.02
35.60	0.00	3,423	199.61	0.02
35.70	0.00	3,415	199.61	0.02
35.80	0.00	3,407	199.61	0.02
35.90	0.00	3,400	199.61	0.02
36.00	0.00	3,393	199.61	0.02
36.10	0.00	3,386	199.61	0.02
36.20	0.00	3,379	199.60	0.02
36.30	0.00	3,372	199.60	0.02

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,366	199.60	0.02
36.50	0.00	3,359	199.60	0.02
36.60	0.00	3,353	199.60	0.02
36.70	0.00	3,347	199.60	0.02
36.80	0.00	3,341	199.60	0.02
36.90	0.00	3,335	199.60	0.02
37.00	0.00	3,329	199.60	0.02
37.10	0.00	3,323	199.59	0.02
37.20	0.00	3,317	199.59	0.02
37.30	0.00	3,311	199.59	0.02
37.40	0.00	3,306	199.59	0.02
37.50	0.00	3,300	199.59	0.02
37.60	0.00	3,295	199.59	0.01
37.70	0.00	3,290	199.59	0.01
37.80	0.00	3,285	199.59	0.01
37.90	0.00	3,279	199.59	0.01
38.00	0.00	3,274	199.59	0.01
38.10	0.00	3,269	199.59	0.01
38.20	0.00	3,265	199.58	0.01
38.30	0.00	3,260	199.58	0.01
38.40	0.00	3,255	199.58	0.01
38.50	0.00	3,250	199.58	0.01
38.60	0.00	3,246	199.58	0.01
38.70	0.00	3,241	199.58	0.01
38.80	0.00	3,237	199.58	0.01
38.90	0.00	3,232	199.58	0.01
39.00	0.00	3,228	199.58	0.01
39.10	0.00	3,224	199.58	0.01
39.20	0.00	3,220	199.58	0.01
39.30	0.00	3,215	199.58	0.01
39.40	0.00	3,211	199.58	0.01
39.50	0.00	3,207	199.57	0.01
39.60	0.00	3,203	199.57	0.01
39.70	0.00	3,200	199.57	0.01
39.80	0.00	3,196	199.57	0.01
39.90	0.00	3,192	199.57	0.01
40.00	0.00	3,188	199.57	0.01

Stage-Discharge for Pond B-6: Basin #6

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.11	200.56	0.16
199.01	0.00	199.53	0.00	200.05	0.11	200.57	0.16
199.02	0.00	199.54	0.00	200.06	0.11	200.58	0.16
199.03	0.00	199.55	0.00	200.07	0.11	200.59	0.16
199.04	0.00	199.56	0.01	200.08	0.11	200.60	0.16
199.05	0.00	199.57	0.01	200.09	0.11	200.61	0.16
199.06	0.00	199.58	0.01	200.10	0.12	200.62	0.17
199.07	0.00	199.59	0.01	200.11	0.12	200.63	0.17
199.08	0.00	199.60	0.02	200.12	0.12	200.64	0.17
199.09	0.00	199.61	0.02	200.13	0.12	200.65	0.17
199.10	0.00	199.62	0.02	200.14	0.12	200.66	0.17
199.11	0.00	199.63	0.03	200.15	0.12	200.67	0.17
199.12	0.00	199.64	0.03	200.16	0.12	200.68	0.17
199.13	0.00	199.65	0.03	200.17	0.12	200.69	0.17
199.14	0.00	199.66	0.04	200.18	0.12	200.70	0.17
199.15	0.00	199.67	0.04	200.19	0.13	200.71	0.17
199.16	0.00	199.68	0.05	200.20	0.13	200.72	0.17
199.17	0.00	199.69	0.05	200.21	0.13	200.73	0.17
199.18	0.00	199.70	0.05	200.22	0.13	200.74	0.17
199.19	0.00	199.71	0.05	200.23	0.13	200.75	0.18
199.20	0.00	199.72	0.06	200.24	0.13	200.76	0.18
199.21	0.00	199.73	0.06	200.25	0.13	200.77	0.18
199.22	0.00	199.74	0.06	200.26	0.13	200.78	0.18
199.23	0.00	199.75	0.06	200.27	0.13	200.79	0.18
199.24	0.00	199.76	0.06	200.28	0.13	200.80	0.18
199.25	0.00	199.77	0.07	200.29	0.14	200.81	0.18
199.26	0.00	199.78	0.07	200.30	0.14	200.82	0.18
199.27	0.00	199.79	0.07	200.31	0.14	200.83	0.18
199.28	0.00	199.80	0.07	200.32	0.14	200.84	0.18
199.29	0.00	199.81	0.07	200.33	0.14	200.85	0.18
199.30	0.00	199.82	0.08	200.34	0.14	200.86	0.18
199.31	0.00	199.83	0.08	200.35	0.14	200.87	0.18
199.32	0.00	199.84	0.08	200.36	0.14	200.88	0.19
199.33	0.00	199.85	0.08	200.37	0.14	200.89	0.19
199.34	0.00	199.86	0.08	200.38	0.14	200.90	0.19
199.35	0.00	199.87	0.08	200.39	0.15	200.91	0.19
199.36	0.00	199.88	0.09	200.40	0.15	200.92	0.19
199.37	0.00	199.89	0.09	200.41	0.15	200.93	0.19
199.38	0.00	199.90	0.09	200.42	0.15	200.94	0.19
199.39	0.00	199.91	0.09	200.43	0.15	200.95	0.19
199.40	0.00	199.92	0.09	200.44	0.15	200.96	0.19
199.41	0.00	199.93	0.09	200.45	0.15	200.97	0.19
199.42	0.00	199.94	0.10	200.46	0.15	200.98	0.19
199.43	0.00	199.95	0.10	200.47	0.15	200.99	0.19
199.44	0.00	199.96	0.10	200.48	0.15	201.00	0.19
199.45	0.00	199.97	0.10	200.49	0.15	201.01	0.19
199.46	0.00	199.98	0.10	200.50	0.16	201.02	0.20
199.47	0.00	199.99	0.10	200.51	0.16	201.03	0.20
199.48	0.00	200.00	0.10	200.52	0.16	201.04	0.20
199.49	0.00	200.01	0.10	200.53	0.16	201.05	0.20
199.50	0.00	200.02	0.11	200.54	0.16	201.06	0.20
199.51	0.00	200.03	0.11	200.55	0.16	201.07	0.20

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	0.20	201.60	0.23	202.12	0.26	202.64	0.29
201.09	0.20	201.61	0.23	202.13	0.26	202.65	0.29
201.10	0.20	201.62	0.23	202.14	0.26	202.66	0.29
201.11	0.20	201.63	0.23	202.15	0.26	202.67	0.29
201.12	0.20	201.64	0.23	202.16	0.26	202.68	0.29
201.13	0.20	201.65	0.23	202.17	0.26	202.69	0.29
201.14	0.20	201.66	0.24	202.18	0.26	202.70	0.29
201.15	0.20	201.67	0.24	202.19	0.26	202.71	0.29
201.16	0.20	201.68	0.24	202.20	0.26	202.72	0.29
201.17	0.21	201.69	0.24	202.21	0.26	202.73	0.29
201.18	0.21	201.70	0.24	202.22	0.27	202.74	0.29
201.19	0.21	201.71	0.24	202.23	0.27	202.75	0.29
201.20	0.21	201.72	0.24	202.24	0.27	202.76	0.29
201.21	0.21	201.73	0.24	202.25	0.27	202.77	0.29
201.22	0.21	201.74	0.24	202.26	0.27	202.78	0.29
201.23	0.21	201.75	0.24	202.27	0.27	202.79	0.29
201.24	0.21	201.76	0.24	202.28	0.27	202.80	0.29
201.25	0.21	201.77	0.24	202.29	0.27	202.81	0.29
201.26	0.21	201.78	0.24	202.30	0.27	202.82	0.29
201.27	0.21	201.79	0.24	202.31	0.27	202.83	0.29
201.28	0.21	201.80	0.24	202.32	0.27	202.84	0.30
201.29	0.21	201.81	0.24	202.33	0.27	202.85	0.30
201.30	0.21	201.82	0.24	202.34	0.27	202.86	0.30
201.31	0.21	201.83	0.24	202.35	0.27	202.87	0.30
201.32	0.22	201.84	0.25	202.36	0.27	202.88	0.30
201.33	0.22	201.85	0.25	202.37	0.27	202.89	0.30
201.34	0.22	201.86	0.25	202.38	0.27	202.90	0.30
201.35	0.22	201.87	0.25	202.39	0.27	202.91	0.30
201.36	0.22	201.88	0.25	202.40	0.27	202.92	0.30
201.37	0.22	201.89	0.25	202.41	0.27	202.93	0.30
201.38	0.22	201.90	0.25	202.42	0.28	202.94	0.30
201.39	0.22	201.91	0.25	202.43	0.28	202.95	0.30
201.40	0.22	201.92	0.25	202.44	0.28	202.96	0.30
201.41	0.22	201.93	0.25	202.45	0.28	202.97	0.30
201.42	0.22	201.94	0.25	202.46	0.28	202.98	0.30
201.43	0.22	201.95	0.25	202.47	0.28	202.99	0.30
201.44	0.22	201.96	0.25	202.48	0.28	203.00	0.30
201.45	0.22	201.97	0.25	202.49	0.28	203.01	0.32
201.46	0.22	201.98	0.25	202.50	0.28	203.02	0.34
201.47	0.22	201.99	0.25	202.51	0.28	203.03	0.37
201.48	0.22	202.00	0.25	202.52	0.28	203.04	0.41
201.49	0.23	202.01	0.25	202.53	0.28	203.05	0.45
201.50	0.23	202.02	0.26	202.54	0.28	203.06	0.50
201.51	0.23	202.03	0.26	202.55	0.28	203.07	0.55
201.52	0.23	202.04	0.26	202.56	0.28	203.08	0.60
201.53	0.23	202.05	0.26	202.57	0.28	203.09	0.66
201.54	0.23	202.06	0.26	202.58	0.28	203.10	0.72
201.55	0.23	202.07	0.26	202.59	0.28	203.11	0.78
201.56	0.23	202.08	0.26	202.60	0.28	203.12	0.85
201.57	0.23	202.09	0.26	202.61	0.28	203.13	0.92
201.58	0.23	202.10	0.26	202.62	0.29	203.14	0.99
201.59	0.23	202.11	0.26	202.63	0.29	203.15	1.06

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	1.14	203.68	16.43
203.17	1.22	203.69	17.35
203.18	1.30	203.70	18.29
203.19	1.38	203.71	19.29
203.20	1.47	203.72	20.32
203.21	1.56	203.73	21.38
203.22	1.65	203.74	22.46
203.23	1.74	203.75	23.56
203.24	1.83	203.76	24.70
203.25	1.93	203.77	25.86
203.26	2.03	203.78	27.04
203.27	2.12	203.79	28.25
203.28	2.23	203.80	29.49
203.29	2.33	203.81	30.75
203.30	2.43	203.82	32.04
203.31	2.54	203.83	33.35
203.32	2.65	203.84	34.69
203.33	2.76	203.85	36.05
203.34	2.87	203.86	37.44
203.35	2.98	203.87	38.85
203.36	3.09	203.88	40.29
203.37	3.21	203.89	41.75
203.38	3.32	203.90	43.24
203.39	3.44	203.91	44.77
203.40	3.56	203.92	46.34
203.41	3.68	203.93	47.84
203.42	3.81	203.94	49.29
203.43	3.93	203.95	50.77
203.44	4.06	203.96	52.27
203.45	4.18	203.97	53.80
203.46	4.31	203.98	55.36
203.47	4.44	203.99	56.94
203.48	4.57	204.00	58.55
203.49	4.70		
203.50	4.83		
203.51	5.08		
203.52	5.43		
203.53	5.85		
203.54	6.31		
203.55	6.83		
203.56	7.38		
203.57	7.97		
203.58	8.59		
203.59	9.25		
203.60	9.94		
203.61	10.66		
203.62	11.41		
203.63	12.18		
203.64	12.98		
203.65	13.81		
203.66	14.66		
203.67	15.53		

Stage-Area-Storage for Pond B-6: Basin #6

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,389	0	199.52	5,738	2,893
199.01	5,396	54	199.53	5,745	2,950
199.02	5,402	108	199.54	5,751	3,008
199.03	5,409	162	199.55	5,758	3,065
199.04	5,416	216	199.56	5,765	3,123
199.05	5,423	270	199.57	5,771	3,181
199.06	5,429	325	199.58	5,778	3,238
199.07	5,436	379	199.59	5,785	3,296
199.08	5,443	433	199.60	5,792	3,354
199.09	5,449	488	199.61	5,798	3,412
199.10	5,456	542	199.62	5,805	3,470
199.11	5,463	597	199.63	5,812	3,528
199.12	5,470	652	199.64	5,818	3,586
199.13	5,476	706	199.65	5,825	3,645
199.14	5,483	761	199.66	5,832	3,703
199.15	5,490	816	199.67	5,839	3,761
199.16	5,496	871	199.68	5,845	3,820
199.17	5,503	926	199.69	5,852	3,878
199.18	5,510	981	199.70	5,859	3,937
199.19	5,516	1,036	199.71	5,865	3,995
199.20	5,523	1,091	199.72	5,872	4,054
199.21	5,530	1,146	199.73	5,879	4,113
199.22	5,537	1,202	199.74	5,886	4,172
199.23	5,543	1,257	199.75	5,892	4,230
199.24	5,550	1,313	199.76	5,899	4,289
199.25	5,557	1,368	199.77	5,906	4,348
199.26	5,563	1,424	199.78	5,912	4,408
199.27	5,570	1,479	199.79	5,919	4,467
199.28	5,577	1,535	199.80	5,926	4,526
199.29	5,584	1,591	199.81	5,933	4,585
199.30	5,590	1,647	199.82	5,939	4,645
199.31	5,597	1,703	199.83	5,946	4,704
199.32	5,604	1,759	199.84	5,953	4,763
199.33	5,610	1,815	199.85	5,959	4,823
199.34	5,617	1,871	199.86	5,966	4,883
199.35	5,624	1,927	199.87	5,973	4,942
199.36	5,631	1,984	199.88	5,979	5,002
199.37	5,637	2,040	199.89	5,986	5,062
199.38	5,644	2,096	199.90	5,993	5,122
199.39	5,651	2,153	199.91	6,000	5,182
199.40	5,657	2,209	199.92	6,006	5,242
199.41	5,664	2,266	199.93	6,013	5,302
199.42	5,671	2,323	199.94	6,020	5,362
199.43	5,678	2,379	199.95	6,026	5,422
199.44	5,684	2,436	199.96	6,033	5,483
199.45	5,691	2,493	199.97	6,040	5,543
199.46	5,698	2,550	199.98	6,047	5,603
199.47	5,704	2,607	199.99	6,053	5,664
199.48	5,711	2,664	200.00	6,060	5,725
199.49	5,718	2,721	200.01	6,067	5,785
199.50	5,725	2,778	200.02	6,074	5,846
199.51	5,731	2,836	200.03	6,081	5,907

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	6,088	5,967	200.56	6,453	9,228
200.05	6,095	6,028	200.57	6,460	9,293
200.06	6,102	6,089	200.58	6,467	9,357
200.07	6,109	6,150	200.59	6,474	9,422
200.08	6,116	6,212	200.60	6,481	9,487
200.09	6,123	6,273	200.61	6,488	9,552
200.10	6,130	6,334	200.62	6,495	9,616
200.11	6,137	6,395	200.63	6,502	9,681
200.12	6,144	6,457	200.64	6,509	9,746
200.13	6,151	6,518	200.65	6,516	9,812
200.14	6,158	6,580	200.66	6,523	9,877
200.15	6,165	6,641	200.67	6,530	9,942
200.16	6,172	6,703	200.68	6,537	10,007
200.17	6,179	6,765	200.69	6,544	10,073
200.18	6,186	6,827	200.70	6,551	10,138
200.19	6,193	6,889	200.71	6,558	10,204
200.20	6,200	6,951	200.72	6,565	10,269
200.21	6,207	7,013	200.73	6,572	10,335
200.22	6,214	7,075	200.74	6,579	10,401
200.23	6,221	7,137	200.75	6,586	10,467
200.24	6,228	7,199	200.76	6,593	10,533
200.25	6,235	7,261	200.77	6,600	10,599
200.26	6,242	7,324	200.78	6,607	10,665
200.27	6,249	7,386	200.79	6,614	10,731
200.28	6,256	7,449	200.80	6,621	10,797
200.29	6,263	7,511	200.81	6,628	10,863
200.30	6,270	7,574	200.82	6,635	10,929
200.31	6,277	7,637	200.83	6,642	10,996
200.32	6,284	7,700	200.84	6,649	11,062
200.33	6,291	7,762	200.85	6,656	11,129
200.34	6,298	7,825	200.86	6,663	11,195
200.35	6,305	7,888	200.87	6,670	11,262
200.36	6,312	7,952	200.88	6,677	11,329
200.37	6,319	8,015	200.89	6,684	11,396
200.38	6,326	8,078	200.90	6,691	11,462
200.39	6,333	8,141	200.91	6,698	11,529
200.40	6,340	8,205	200.92	6,705	11,596
200.41	6,347	8,268	200.93	6,712	11,663
200.42	6,354	8,332	200.94	6,719	11,731
200.43	6,361	8,395	200.95	6,726	11,798
200.44	6,368	8,459	200.96	6,733	11,865
200.45	6,375	8,522	200.97	6,740	11,932
200.46	6,382	8,586	200.98	6,747	12,000
200.47	6,389	8,650	200.99	6,754	12,067
200.48	6,396	8,714	201.00	6,761	12,135
200.49	6,403	8,778	201.01	6,768	12,203
200.50	6,411	8,842	201.02	6,776	12,270
200.51	6,418	8,906	201.03	6,783	12,338
200.52	6,425	8,970	201.04	6,790	12,406
200.53	6,432	9,035	201.05	6,797	12,474
200.54	6,439	9,099	201.06	6,805	12,542
200.55	6,446	9,164	201.07	6,812	12,610

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	6,819	12,678	201.60	7,198	16,323
201.09	6,827	12,746	201.61	7,206	16,395
201.10	6,834	12,815	201.62	7,213	16,467
201.11	6,841	12,883	201.63	7,220	16,539
201.12	6,848	12,952	201.64	7,228	16,611
201.13	6,856	13,020	201.65	7,235	16,684
201.14	6,863	13,089	201.66	7,242	16,756
201.15	6,870	13,157	201.67	7,249	16,828
201.16	6,878	13,226	201.68	7,257	16,901
201.17	6,885	13,295	201.69	7,264	16,974
201.18	6,892	13,364	201.70	7,271	17,046
201.19	6,900	13,433	201.71	7,279	17,119
201.20	6,907	13,502	201.72	7,286	17,192
201.21	6,914	13,571	201.73	7,293	17,265
201.22	6,921	13,640	201.74	7,300	17,338
201.23	6,929	13,709	201.75	7,308	17,411
201.24	6,936	13,779	201.76	7,315	17,484
201.25	6,943	13,848	201.77	7,322	17,557
201.26	6,951	13,918	201.78	7,330	17,630
201.27	6,958	13,987	201.79	7,337	17,704
201.28	6,965	14,057	201.80	7,344	17,777
201.29	6,972	14,126	201.81	7,351	17,851
201.30	6,980	14,196	201.82	7,359	17,924
201.31	6,987	14,266	201.83	7,366	17,998
201.32	6,994	14,336	201.84	7,373	18,071
201.33	7,002	14,406	201.85	7,381	18,145
201.34	7,009	14,476	201.86	7,388	18,219
201.35	7,016	14,546	201.87	7,395	18,293
201.36	7,023	14,616	201.88	7,403	18,367
201.37	7,031	14,686	201.89	7,410	18,441
201.38	7,038	14,757	201.90	7,417	18,515
201.39	7,045	14,827	201.91	7,424	18,589
201.40	7,053	14,898	201.92	7,432	18,664
201.41	7,060	14,968	201.93	7,439	18,738
201.42	7,067	15,039	201.94	7,446	18,812
201.43	7,074	15,110	201.95	7,454	18,887
201.44	7,082	15,180	201.96	7,461	18,961
201.45	7,089	15,251	201.97	7,468	19,036
201.46	7,096	15,322	201.98	7,475	19,111
201.47	7,104	15,393	201.99	7,483	19,186
201.48	7,111	15,464	202.00	7,490	19,261
201.49	7,118	15,535	202.01	7,498	19,335
201.50	7,126	15,607	202.02	7,505	19,410
201.51	7,133	15,678	202.03	7,513	19,486
201.52	7,140	15,749	202.04	7,520	19,561
201.53	7,147	15,821	202.05	7,528	19,636
201.54	7,155	15,892	202.06	7,535	19,711
201.55	7,162	15,964	202.07	7,543	19,787
201.56	7,169	16,035	202.08	7,551	19,862
201.57	7,177	16,107	202.09	7,558	19,938
201.58	7,184	16,179	202.10	7,566	20,013
201.59	7,191	16,251	202.11	7,573	20,089

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	7,581	20,165	202.64	7,974	24,209
202.13	7,588	20,241	202.65	7,982	24,289
202.14	7,596	20,317	202.66	7,990	24,369
202.15	7,604	20,393	202.67	7,997	24,449
202.16	7,611	20,469	202.68	8,005	24,529
202.17	7,619	20,545	202.69	8,012	24,609
202.18	7,626	20,621	202.70	8,020	24,689
202.19	7,634	20,697	202.71	8,027	24,769
202.20	7,641	20,774	202.72	8,035	24,850
202.21	7,649	20,850	202.73	8,043	24,930
202.22	7,657	20,927	202.74	8,050	25,010
202.23	7,664	21,003	202.75	8,058	25,091
202.24	7,672	21,080	202.76	8,065	25,172
202.25	7,679	21,157	202.77	8,073	25,252
202.26	7,687	21,233	202.78	8,080	25,333
202.27	7,694	21,310	202.79	8,088	25,414
202.28	7,702	21,387	202.80	8,096	25,495
202.29	7,710	21,464	202.81	8,103	25,576
202.30	7,717	21,542	202.82	8,111	25,657
202.31	7,725	21,619	202.83	8,118	25,738
202.32	7,732	21,696	202.84	8,126	25,819
202.33	7,740	21,773	202.85	8,133	25,900
202.34	7,747	21,851	202.86	8,141	25,982
202.35	7,755	21,928	202.87	8,149	26,063
202.36	7,763	22,006	202.88	8,156	26,145
202.37	7,770	22,084	202.89	8,164	26,226
202.38	7,778	22,161	202.90	8,171	26,308
202.39	7,785	22,239	202.91	8,179	26,390
202.40	7,793	22,317	202.92	8,186	26,472
202.41	7,800	22,395	202.93	8,194	26,554
202.42	7,808	22,473	202.94	8,202	26,636
202.43	7,816	22,551	202.95	8,209	26,718
202.44	7,823	22,629	202.96	8,217	26,800
202.45	7,831	22,708	202.97	8,224	26,882
202.46	7,838	22,786	202.98	8,232	26,964
202.47	7,846	22,864	202.99	8,239	27,047
202.48	7,853	22,943	203.00	8,247	27,129
202.49	7,861	23,021	203.01	8,255	27,212
202.50	7,869	23,100	203.02	8,263	27,294
202.51	7,876	23,179	203.03	8,271	27,377
202.52	7,884	23,258	203.04	8,278	27,460
202.53	7,891	23,337	203.05	8,286	27,542
202.54	7,899	23,415	203.06	8,294	27,625
202.55	7,906	23,494	203.07	8,302	27,708
202.56	7,914	23,574	203.08	8,310	27,791
202.57	7,921	23,653	203.09	8,318	27,874
202.58	7,929	23,732	203.10	8,325	27,958
202.59	7,937	23,811	203.11	8,333	28,041
202.60	7,944	23,891	203.12	8,341	28,124
202.61	7,952	23,970	203.13	8,349	28,208
202.62	7,959	24,050	203.14	8,357	28,291
202.63	7,967	24,129	203.15	8,365	28,375

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	8,373	28,459	203.68	8,781	32,918
203.17	8,380	28,542	203.69	8,789	33,006
203.18	8,388	28,626	203.70	8,796	33,094
203.19	8,396	28,710	203.71	8,804	33,182
203.20	8,404	28,794	203.72	8,812	33,270
203.21	8,412	28,878	203.73	8,820	33,358
203.22	8,420	28,962	203.74	8,828	33,447
203.23	8,428	29,047	203.75	8,836	33,535
203.24	8,435	29,131	203.76	8,844	33,623
203.25	8,443	29,215	203.77	8,851	33,712
203.26	8,451	29,300	203.78	8,859	33,800
203.27	8,459	29,384	203.79	8,867	33,889
203.28	8,467	29,469	203.80	8,875	33,978
203.29	8,475	29,554	203.81	8,883	34,067
203.30	8,483	29,638	203.82	8,891	34,155
203.31	8,490	29,723	203.83	8,899	34,244
203.32	8,498	29,808	203.84	8,906	34,333
203.33	8,506	29,893	203.85	8,914	34,423
203.34	8,514	29,978	203.86	8,922	34,512
203.35	8,522	30,064	203.87	8,930	34,601
203.36	8,530	30,149	203.88	8,938	34,690
203.37	8,537	30,234	203.89	8,946	34,780
203.38	8,545	30,320	203.90	8,954	34,869
203.39	8,553	30,405	203.91	8,961	34,959
203.40	8,561	30,491	203.92	8,969	35,048
203.41	8,569	30,576	203.93	8,977	35,138
203.42	8,577	30,662	203.94	8,985	35,228
203.43	8,585	30,748	203.95	8,993	35,318
203.44	8,592	30,834	203.96	9,001	35,408
203.45	8,600	30,920	203.97	9,008	35,498
203.46	8,608	31,006	203.98	9,016	35,588
203.47	8,616	31,092	203.99	9,024	35,678
203.48	8,624	31,178	204.00	9,032	35,769
203.49	8,632	31,264			
203.50	8,640	31,351			
203.51	8,647	31,437			
203.52	8,655	31,524			
203.53	8,663	31,610			
203.54	8,671	31,697			
203.55	8,679	31,784			
203.56	8,687	31,870			
203.57	8,694	31,957			
203.58	8,702	32,044			
203.59	8,710	32,131			
203.60	8,718	32,218			
203.61	8,726	32,306			
203.62	8,734	32,393			
203.63	8,742	32,480			
203.64	8,749	32,568			
203.65	8,757	32,655			
203.66	8,765	32,743			
203.67	8,773	32,831			

Summary for Pond B-7: Basin #7

Inflow Area = 1.564 ac, 62.85% Impervious, Inflow Depth = 2.82" for Future 2 yr event
 Inflow = 4.37 cfs @ 12.17 hrs, Volume= 0.368 af
 Outflow = 0.12 cfs @ 16.42 hrs, Volume= 0.193 af, Atten= 97%, Lag= 255.0 min
 Primary = 0.12 cfs @ 16.42 hrs, Volume= 0.193 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 208.67' @ 16.42 hrs Surf.Area= 8,091 sf Storage= 12,119 cf

Plug-Flow detention time= 727.6 min calculated for 0.193 af (52% of inflow)
 Center-of-Mass det. time= 601.5 min (1,378.7 - 777.1)

Volume	Invert	Avail.Storage	Storage Description
#1	207.00'	33,829 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
207.00	6,419	0	0
208.00	7,395	6,907	6,907
209.00	8,429	7,912	14,819
210.00	9,484	8,957	23,776
211.00	10,623	10,054	33,829

Device	Routing	Invert	Outlet Devices
#1	Primary	206.47'	18.0" Round Culvert L= 94.0' Ke= 0.500 Inlet / Outlet Invert= 206.47' / 206.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	208.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	209.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	210.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

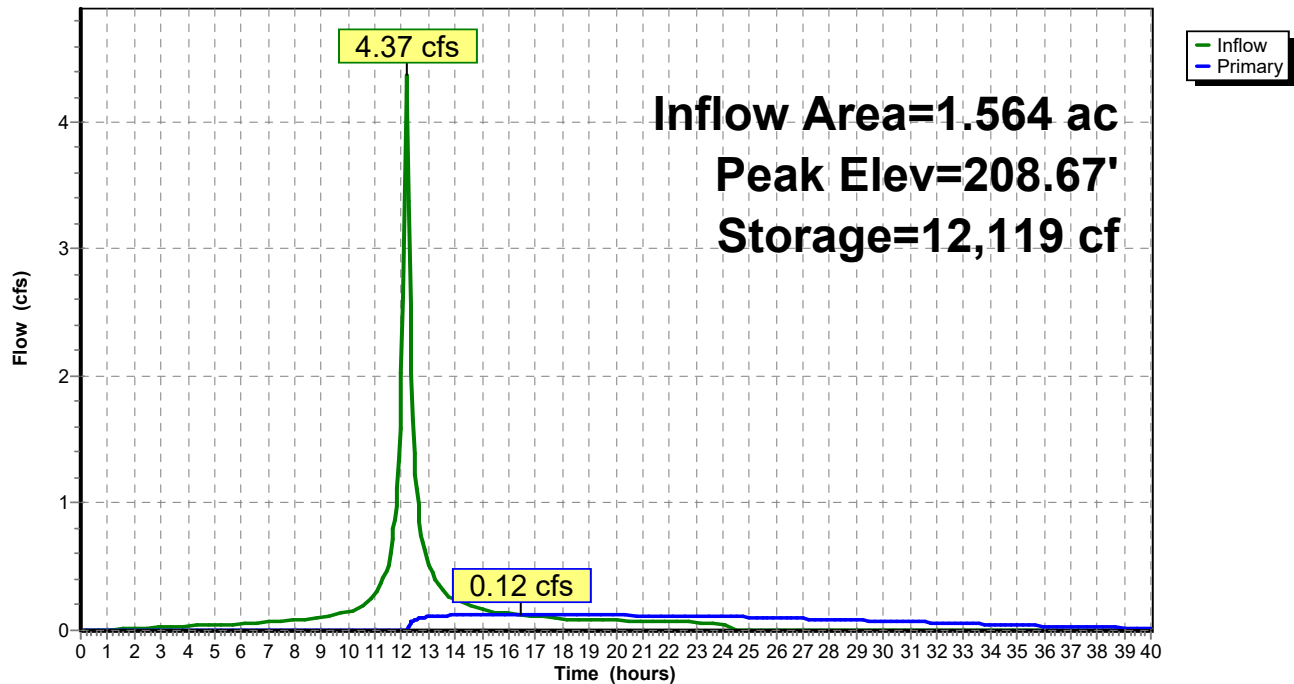
Primary OutFlow Max=0.12 cfs @ 16.42 hrs HW=208.67' (Free Discharge)

1=Culvert (Passes 0.12 cfs of 8.56 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 3.63 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-7: Basin #7

Hydrograph



Hydrograph for Pond B-7: Basin #7

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	207.00	0.00
0.10	0.00	0	207.00	0.00
0.20	0.00	0	207.00	0.00
0.30	0.00	0	207.00	0.00
0.40	0.00	0	207.00	0.00
0.50	0.00	0	207.00	0.00
0.60	0.00	0	207.00	0.00
0.70	0.00	0	207.00	0.00
0.80	0.00	0	207.00	0.00
0.90	0.00	0	207.00	0.00
1.00	0.00	0	207.00	0.00
1.10	0.00	0	207.00	0.00
1.20	0.00	0	207.00	0.00
1.30	0.00	1	207.00	0.00
1.40	0.00	3	207.00	0.00
1.50	0.01	5	207.00	0.00
1.60	0.01	7	207.00	0.00
1.70	0.01	10	207.00	0.00
1.80	0.01	14	207.00	0.00
1.90	0.01	18	207.00	0.00
2.00	0.01	23	207.00	0.00
2.10	0.01	28	207.00	0.00
2.20	0.02	33	207.01	0.00
2.30	0.02	39	207.01	0.00
2.40	0.02	46	207.01	0.00
2.50	0.02	53	207.01	0.00
2.60	0.02	60	207.01	0.00
2.70	0.02	68	207.01	0.00
2.80	0.02	76	207.01	0.00
2.90	0.02	84	207.01	0.00
3.00	0.03	93	207.01	0.00
3.10	0.03	103	207.02	0.00
3.20	0.03	112	207.02	0.00
3.30	0.03	122	207.02	0.00
3.40	0.03	133	207.02	0.00
3.50	0.03	143	207.02	0.00
3.60	0.03	154	207.02	0.00
3.70	0.03	166	207.03	0.00
3.80	0.03	177	207.03	0.00
3.90	0.03	189	207.03	0.00
4.00	0.03	202	207.03	0.00
4.10	0.04	214	207.03	0.00
4.20	0.04	227	207.04	0.00
4.30	0.04	240	207.04	0.00
4.40	0.04	254	207.04	0.00
4.50	0.04	267	207.04	0.00
4.60	0.04	282	207.04	0.00
4.70	0.04	296	207.05	0.00
4.80	0.04	310	207.05	0.00
4.90	0.04	325	207.05	0.00
5.00	0.04	340	207.05	0.00
5.10	0.04	356	207.06	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	371	207.06	0.00
5.30	0.04	387	207.06	0.00
5.40	0.05	403	207.06	0.00
5.50	0.05	419	207.07	0.00
5.60	0.05	436	207.07	0.00
5.70	0.05	453	207.07	0.00
5.80	0.05	470	207.07	0.00
5.90	0.05	487	207.08	0.00
6.00	0.05	505	207.08	0.00
6.10	0.05	522	207.08	0.00
6.20	0.05	541	207.08	0.00
6.30	0.05	559	207.09	0.00
6.40	0.05	579	207.09	0.00
6.50	0.06	598	207.09	0.00
6.60	0.06	619	207.10	0.00
6.70	0.06	640	207.10	0.00
6.80	0.06	661	207.10	0.00
6.90	0.06	683	207.11	0.00
7.00	0.06	706	207.11	0.00
7.10	0.07	729	207.11	0.00
7.20	0.07	753	207.12	0.00
7.30	0.07	778	207.12	0.00
7.40	0.07	803	207.12	0.00
7.50	0.07	828	207.13	0.00
7.60	0.07	854	207.13	0.00
7.70	0.08	881	207.14	0.00
7.80	0.08	908	207.14	0.00
7.90	0.08	936	207.14	0.00
8.00	0.08	965	207.15	0.00
8.10	0.08	994	207.15	0.00
8.20	0.08	1,024	207.16	0.00
8.30	0.09	1,054	207.16	0.00
8.40	0.09	1,085	207.17	0.00
8.50	0.09	1,117	207.17	0.00
8.60	0.09	1,149	207.18	0.00
8.70	0.09	1,181	207.18	0.00
8.80	0.09	1,215	207.19	0.00
8.90	0.09	1,249	207.19	0.00
9.00	0.10	1,283	207.20	0.00
9.10	0.10	1,318	207.20	0.00
9.20	0.10	1,355	207.21	0.00
9.30	0.11	1,393	207.21	0.00
9.40	0.11	1,434	207.22	0.00
9.50	0.12	1,476	207.23	0.00
9.60	0.13	1,520	207.23	0.00
9.70	0.13	1,567	207.24	0.00
9.80	0.14	1,615	207.25	0.00
9.90	0.14	1,666	207.25	0.00
10.00	0.15	1,718	207.26	0.00
10.10	0.15	1,773	207.27	0.00
10.20	0.16	1,830	207.28	0.00
10.30	0.17	1,889	207.29	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,950	207.30	0.00
10.50	0.18	2,014	207.31	0.00
10.60	0.19	2,082	207.32	0.00
10.70	0.21	2,154	207.33	0.00
10.80	0.24	2,235	207.34	0.00
10.90	0.26	2,324	207.35	0.00
11.00	0.28	2,422	207.37	0.00
11.10	0.31	2,529	207.38	0.00
11.20	0.36	2,650	207.40	0.00
11.30	0.40	2,786	207.42	0.00
11.40	0.45	2,940	207.44	0.00
11.50	0.50	3,111	207.47	0.00
11.60	0.60	3,306	207.50	0.00
11.70	0.80	3,560	207.53	0.00
11.80	0.97	3,876	207.58	0.00
11.90	1.32	4,284	207.64	0.00
12.00	2.02	4,871	207.72	0.00
12.10	3.46	5,836	207.85	0.00
12.20	4.23	7,299	208.05	0.01
12.30	2.57	8,508	208.21	0.05
12.40	1.66	9,231	208.31	0.07
12.50	1.22	9,712	208.37	0.08
12.60	0.99	10,080	208.42	0.09
12.70	0.75	10,356	208.45	0.10
12.80	0.65	10,570	208.48	0.10
12.90	0.58	10,755	208.50	0.10
13.00	0.53	10,916	208.52	0.11
13.10	0.47	11,057	208.54	0.11
13.20	0.42	11,178	208.56	0.11
13.30	0.39	11,283	208.57	0.11
13.40	0.36	11,376	208.58	0.11
13.50	0.33	11,458	208.59	0.11
13.60	0.30	11,529	208.60	0.12
13.70	0.27	11,589	208.61	0.12
13.80	0.26	11,643	208.61	0.12
13.90	0.25	11,692	208.62	0.12
14.00	0.24	11,738	208.63	0.12
14.10	0.24	11,782	208.63	0.12
14.20	0.23	11,822	208.64	0.12
14.30	0.22	11,859	208.64	0.12
14.40	0.21	11,893	208.65	0.12
14.50	0.20	11,925	208.65	0.12
14.60	0.20	11,953	208.65	0.12
14.70	0.19	11,979	208.66	0.12
14.80	0.18	12,001	208.66	0.12
14.90	0.17	12,021	208.66	0.12
15.00	0.16	12,037	208.66	0.12
15.10	0.16	12,051	208.66	0.12
15.20	0.15	12,062	208.67	0.12
15.30	0.15	12,071	208.67	0.12
15.40	0.14	12,080	208.67	0.12
15.50	0.14	12,087	208.67	0.12

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	12,094	208.67	0.12
15.70	0.14	12,100	208.67	0.12
15.80	0.14	12,105	208.67	0.12
15.90	0.13	12,109	208.67	0.12
16.00	0.13	12,113	208.67	0.12
16.10	0.13	12,115	208.67	0.12
16.20	0.13	12,117	208.67	0.12
16.30	0.13	12,119	208.67	0.12
16.40	0.12	12,119	208.67	0.12
16.50	0.12	12,119	208.67	0.12
16.60	0.12	12,118	208.67	0.12
16.70	0.12	12,116	208.67	0.12
16.80	0.12	12,114	208.67	0.12
16.90	0.11	12,111	208.67	0.12
17.00	0.11	12,107	208.67	0.12
17.10	0.11	12,102	208.67	0.12
17.20	0.11	12,097	208.67	0.12
17.30	0.11	12,091	208.67	0.12
17.40	0.10	12,084	208.67	0.12
17.50	0.10	12,077	208.67	0.12
17.60	0.10	12,068	208.67	0.12
17.70	0.10	12,059	208.67	0.12
17.80	0.10	12,050	208.66	0.12
17.90	0.09	12,039	208.66	0.12
18.00	0.09	12,028	208.66	0.12
18.10	0.09	12,017	208.66	0.12
18.20	0.09	12,004	208.66	0.12
18.30	0.09	11,991	208.66	0.12
18.40	0.09	11,978	208.66	0.12
18.50	0.08	11,965	208.65	0.12
18.60	0.08	11,952	208.65	0.12
18.70	0.08	11,938	208.65	0.12
18.80	0.08	11,925	208.65	0.12
18.90	0.08	11,911	208.65	0.12
19.00	0.08	11,898	208.65	0.12
19.10	0.08	11,884	208.64	0.12
19.20	0.08	11,870	208.64	0.12
19.30	0.08	11,856	208.64	0.12
19.40	0.08	11,841	208.64	0.12
19.50	0.08	11,827	208.64	0.12
19.60	0.08	11,812	208.64	0.12
19.70	0.08	11,798	208.63	0.12
19.80	0.08	11,783	208.63	0.12
19.90	0.08	11,768	208.63	0.12
20.00	0.08	11,754	208.63	0.12
20.10	0.08	11,739	208.63	0.12
20.20	0.08	11,723	208.62	0.12
20.30	0.08	11,708	208.62	0.12
20.40	0.08	11,693	208.62	0.12
20.50	0.07	11,677	208.62	0.12
20.60	0.07	11,662	208.62	0.12
20.70	0.07	11,646	208.61	0.12

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	11,631	208.61	0.12
20.90	0.07	11,615	208.61	0.12
21.00	0.07	11,599	208.61	0.12
21.10	0.07	11,582	208.61	0.12
21.20	0.07	11,566	208.60	0.12
21.30	0.07	11,550	208.60	0.12
21.40	0.07	11,534	208.60	0.12
21.50	0.07	11,517	208.60	0.12
21.60	0.07	11,500	208.60	0.12
21.70	0.07	11,484	208.59	0.11
21.80	0.07	11,467	208.59	0.11
21.90	0.07	11,450	208.59	0.11
22.00	0.07	11,433	208.59	0.11
22.10	0.07	11,416	208.59	0.11
22.20	0.07	11,399	208.58	0.11
22.30	0.07	11,381	208.58	0.11
22.40	0.06	11,364	208.58	0.11
22.50	0.06	11,347	208.58	0.11
22.60	0.06	11,329	208.57	0.11
22.70	0.06	11,311	208.57	0.11
22.80	0.06	11,294	208.57	0.11
22.90	0.06	11,276	208.57	0.11
23.00	0.06	11,258	208.57	0.11
23.10	0.06	11,240	208.56	0.11
23.20	0.06	11,221	208.56	0.11
23.30	0.06	11,203	208.56	0.11
23.40	0.06	11,185	208.56	0.11
23.50	0.06	11,166	208.55	0.11
23.60	0.06	11,148	208.55	0.11
23.70	0.06	11,129	208.55	0.11
23.80	0.06	11,111	208.55	0.11
23.90	0.06	11,092	208.55	0.11
24.00	0.06	11,073	208.54	0.11
24.10	0.05	11,055	208.54	0.11
24.20	0.01	11,027	208.54	0.11
24.30	0.00	10,991	208.53	0.11
24.40	0.00	10,954	208.53	0.11
24.50	0.00	10,915	208.52	0.11
24.60	0.00	10,877	208.52	0.11
24.70	0.00	10,839	208.51	0.10
24.80	0.00	10,802	208.51	0.10
24.90	0.00	10,764	208.50	0.10
25.00	0.00	10,727	208.50	0.10
25.10	0.00	10,690	208.49	0.10
25.20	0.00	10,653	208.49	0.10
25.30	0.00	10,617	208.49	0.10
25.40	0.00	10,580	208.48	0.10
25.50	0.00	10,544	208.48	0.10
25.60	0.00	10,508	208.47	0.10
25.70	0.00	10,472	208.47	0.10
25.80	0.00	10,437	208.46	0.10
25.90	0.00	10,402	208.46	0.10

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,367	208.45	0.10
26.10	0.00	10,332	208.45	0.10
26.20	0.00	10,297	208.44	0.10
26.30	0.00	10,263	208.44	0.10
26.40	0.00	10,229	208.44	0.09
26.50	0.00	10,195	208.43	0.09
26.60	0.00	10,161	208.43	0.09
26.70	0.00	10,128	208.42	0.09
26.80	0.00	10,095	208.42	0.09
26.90	0.00	10,062	208.41	0.09
27.00	0.00	10,029	208.41	0.09
27.10	0.00	9,996	208.41	0.09
27.20	0.00	9,964	208.40	0.09
27.30	0.00	9,932	208.40	0.09
27.40	0.00	9,900	208.39	0.09
27.50	0.00	9,868	208.39	0.09
27.60	0.00	9,837	208.39	0.09
27.70	0.00	9,805	208.38	0.09
27.80	0.00	9,774	208.38	0.09
27.90	0.00	9,744	208.37	0.09
28.00	0.00	9,713	208.37	0.08
28.10	0.00	9,683	208.37	0.08
28.20	0.00	9,653	208.36	0.08
28.30	0.00	9,623	208.36	0.08
28.40	0.00	9,593	208.35	0.08
28.50	0.00	9,564	208.35	0.08
28.60	0.00	9,534	208.35	0.08
28.70	0.00	9,505	208.34	0.08
28.80	0.00	9,477	208.34	0.08
28.90	0.00	9,448	208.34	0.08
29.00	0.00	9,420	208.33	0.08
29.10	0.00	9,392	208.33	0.08
29.20	0.00	9,364	208.32	0.08
29.30	0.00	9,336	208.32	0.08
29.40	0.00	9,309	208.32	0.08
29.50	0.00	9,282	208.31	0.08
29.60	0.00	9,255	208.31	0.07
29.70	0.00	9,228	208.31	0.07
29.80	0.00	9,202	208.30	0.07
29.90	0.00	9,175	208.30	0.07
30.00	0.00	9,149	208.30	0.07
30.10	0.00	9,123	208.29	0.07
30.20	0.00	9,098	208.29	0.07
30.30	0.00	9,073	208.29	0.07
30.40	0.00	9,047	208.28	0.07
30.50	0.00	9,022	208.28	0.07
30.60	0.00	8,998	208.28	0.07
30.70	0.00	8,973	208.27	0.07
30.80	0.00	8,949	208.27	0.07
30.90	0.00	8,925	208.27	0.07
31.00	0.00	8,901	208.26	0.07
31.10	0.00	8,878	208.26	0.07

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,855	208.26	0.06
31.30	0.00	8,832	208.26	0.06
31.40	0.00	8,809	208.25	0.06
31.50	0.00	8,786	208.25	0.06
31.60	0.00	8,764	208.25	0.06
31.70	0.00	8,741	208.24	0.06
31.80	0.00	8,720	208.24	0.06
31.90	0.00	8,698	208.24	0.06
32.00	0.00	8,676	208.24	0.06
32.10	0.00	8,655	208.23	0.06
32.20	0.00	8,634	208.23	0.06
32.30	0.00	8,613	208.23	0.06
32.40	0.00	8,593	208.22	0.06
32.50	0.00	8,572	208.22	0.06
32.60	0.00	8,552	208.22	0.06
32.70	0.00	8,532	208.22	0.06
32.80	0.00	8,512	208.21	0.05
32.90	0.00	8,493	208.21	0.05
33.00	0.00	8,474	208.21	0.05
33.10	0.00	8,455	208.21	0.05
33.20	0.00	8,436	208.20	0.05
33.30	0.00	8,417	208.20	0.05
33.40	0.00	8,399	208.20	0.05
33.50	0.00	8,380	208.20	0.05
33.60	0.00	8,363	208.19	0.05
33.70	0.00	8,345	208.19	0.05
33.80	0.00	8,328	208.19	0.05
33.90	0.00	8,311	208.19	0.05
34.00	0.00	8,294	208.19	0.05
34.10	0.00	8,277	208.18	0.05
34.20	0.00	8,261	208.18	0.04
34.30	0.00	8,245	208.18	0.04
34.40	0.00	8,229	208.18	0.04
34.50	0.00	8,213	208.17	0.04
34.60	0.00	8,198	208.17	0.04
34.70	0.00	8,183	208.17	0.04
34.80	0.00	8,168	208.17	0.04
34.90	0.00	8,153	208.17	0.04
35.00	0.00	8,139	208.16	0.04
35.10	0.00	8,125	208.16	0.04
35.20	0.00	8,111	208.16	0.04
35.30	0.00	8,097	208.16	0.04
35.40	0.00	8,083	208.16	0.04
35.50	0.00	8,070	208.16	0.04
35.60	0.00	8,057	208.15	0.04
35.70	0.00	8,044	208.15	0.04
35.80	0.00	8,031	208.15	0.03
35.90	0.00	8,019	208.15	0.03
36.00	0.00	8,007	208.15	0.03
36.10	0.00	7,995	208.15	0.03
36.20	0.00	7,983	208.14	0.03
36.30	0.00	7,971	208.14	0.03

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,960	208.14	0.03
36.50	0.00	7,949	208.14	0.03
36.60	0.00	7,938	208.14	0.03
36.70	0.00	7,927	208.14	0.03
36.80	0.00	7,916	208.14	0.03
36.90	0.00	7,906	208.13	0.03
37.00	0.00	7,895	208.13	0.03
37.10	0.00	7,885	208.13	0.03
37.20	0.00	7,875	208.13	0.03
37.30	0.00	7,865	208.13	0.03
37.40	0.00	7,856	208.13	0.03
37.50	0.00	7,846	208.13	0.03
37.60	0.00	7,837	208.12	0.03
37.70	0.00	7,828	208.12	0.03
37.80	0.00	7,819	208.12	0.02
37.90	0.00	7,810	208.12	0.02
38.00	0.00	7,801	208.12	0.02
38.10	0.00	7,793	208.12	0.02
38.20	0.00	7,784	208.12	0.02
38.30	0.00	7,776	208.12	0.02
38.40	0.00	7,768	208.12	0.02
38.50	0.00	7,760	208.11	0.02
38.60	0.00	7,752	208.11	0.02
38.70	0.00	7,744	208.11	0.02
38.80	0.00	7,736	208.11	0.02
38.90	0.00	7,729	208.11	0.02
39.00	0.00	7,721	208.11	0.02
39.10	0.00	7,714	208.11	0.02
39.20	0.00	7,707	208.11	0.02
39.30	0.00	7,699	208.11	0.02
39.40	0.00	7,692	208.11	0.02
39.50	0.00	7,685	208.10	0.02
39.60	0.00	7,678	208.10	0.02
39.70	0.00	7,672	208.10	0.02
39.80	0.00	7,665	208.10	0.02
39.90	0.00	7,659	208.10	0.02
40.00	0.00	7,652	208.10	0.02

Stage-Discharge for Pond B-7: Basin #7

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.00	0.00	207.52	0.00	208.04	0.00	208.56	0.11
207.01	0.00	207.53	0.00	208.05	0.00	208.57	0.11
207.02	0.00	207.54	0.00	208.06	0.01	208.58	0.11
207.03	0.00	207.55	0.00	208.07	0.01	208.59	0.11
207.04	0.00	207.56	0.00	208.08	0.01	208.60	0.12
207.05	0.00	207.57	0.00	208.09	0.01	208.61	0.12
207.06	0.00	207.58	0.00	208.10	0.02	208.62	0.12
207.07	0.00	207.59	0.00	208.11	0.02	208.63	0.12
207.08	0.00	207.60	0.00	208.12	0.02	208.64	0.12
207.09	0.00	207.61	0.00	208.13	0.03	208.65	0.12
207.10	0.00	207.62	0.00	208.14	0.03	208.66	0.12
207.11	0.00	207.63	0.00	208.15	0.03	208.67	0.12
207.12	0.00	207.64	0.00	208.16	0.04	208.68	0.12
207.13	0.00	207.65	0.00	208.17	0.04	208.69	0.13
207.14	0.00	207.66	0.00	208.18	0.05	208.70	0.13
207.15	0.00	207.67	0.00	208.19	0.05	208.71	0.13
207.16	0.00	207.68	0.00	208.20	0.05	208.72	0.13
207.17	0.00	207.69	0.00	208.21	0.05	208.73	0.13
207.18	0.00	207.70	0.00	208.22	0.06	208.74	0.13
207.19	0.00	207.71	0.00	208.23	0.06	208.75	0.13
207.20	0.00	207.72	0.00	208.24	0.06	208.76	0.13
207.21	0.00	207.73	0.00	208.25	0.06	208.77	0.13
207.22	0.00	207.74	0.00	208.26	0.06	208.78	0.13
207.23	0.00	207.75	0.00	208.27	0.07	208.79	0.14
207.24	0.00	207.76	0.00	208.28	0.07	208.80	0.14
207.25	0.00	207.77	0.00	208.29	0.07	208.81	0.14
207.26	0.00	207.78	0.00	208.30	0.07	208.82	0.14
207.27	0.00	207.79	0.00	208.31	0.07	208.83	0.14
207.28	0.00	207.80	0.00	208.32	0.08	208.84	0.14
207.29	0.00	207.81	0.00	208.33	0.08	208.85	0.14
207.30	0.00	207.82	0.00	208.34	0.08	208.86	0.14
207.31	0.00	207.83	0.00	208.35	0.08	208.87	0.14
207.32	0.00	207.84	0.00	208.36	0.08	208.88	0.14
207.33	0.00	207.85	0.00	208.37	0.08	208.89	0.15
207.34	0.00	207.86	0.00	208.38	0.09	208.90	0.15
207.35	0.00	207.87	0.00	208.39	0.09	208.91	0.15
207.36	0.00	207.88	0.00	208.40	0.09	208.92	0.15
207.37	0.00	207.89	0.00	208.41	0.09	208.93	0.15
207.38	0.00	207.90	0.00	208.42	0.09	208.94	0.15
207.39	0.00	207.91	0.00	208.43	0.09	208.95	0.15
207.40	0.00	207.92	0.00	208.44	0.10	208.96	0.15
207.41	0.00	207.93	0.00	208.45	0.10	208.97	0.15
207.42	0.00	207.94	0.00	208.46	0.10	208.98	0.15
207.43	0.00	207.95	0.00	208.47	0.10	208.99	0.15
207.44	0.00	207.96	0.00	208.48	0.10	209.00	0.16
207.45	0.00	207.97	0.00	208.49	0.10	209.01	0.17
207.46	0.00	207.98	0.00	208.50	0.10	209.02	0.19
207.47	0.00	207.99	0.00	208.51	0.10	209.03	0.23
207.48	0.00	208.00	0.00	208.52	0.11	209.04	0.26
207.49	0.00	208.01	0.00	208.53	0.11	209.05	0.31
207.50	0.00	208.02	0.00	208.54	0.11	209.06	0.35
207.51	0.00	208.03	0.00	208.55	0.11	209.07	0.40

Stage-Discharge for Pond B-7: Basin #7 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.08	0.46	209.60	6.10	210.12	12.79	210.64	20.18
209.09	0.51	209.61	6.24	210.13	12.82	210.65	20.87
209.10	0.58	209.62	6.39	210.14	12.84	210.66	21.60
209.11	0.64	209.63	6.54	210.15	12.87	210.67	22.34
209.12	0.71	209.64	6.69	210.16	12.89	210.68	23.11
209.13	0.78	209.65	6.84	210.17	12.92	210.69	23.90
209.14	0.85	209.66	6.99	210.18	12.94	210.70	24.70
209.15	0.92	209.67	7.14	210.19	12.96	210.71	25.57
209.16	1.00	209.68	7.29	210.20	12.99	210.72	26.47
209.17	1.08	209.69	7.44	210.21	13.01	210.73	27.39
209.18	1.16	209.70	7.60	210.22	13.04	210.74	28.33
209.19	1.24	209.71	7.76	210.23	13.06	210.75	29.30
209.20	1.33	209.72	7.91	210.24	13.08	210.76	30.30
209.21	1.42	209.73	8.07	210.25	13.11	210.77	31.32
209.22	1.51	209.74	8.23	210.26	13.13	210.78	32.36
209.23	1.60	209.75	8.39	210.27	13.15	210.79	33.43
209.24	1.69	209.76	8.55	210.28	13.18	210.80	34.53
209.25	1.79	209.77	8.71	210.29	13.20	210.81	35.65
209.26	1.89	209.78	8.87	210.30	13.23	210.82	36.79
209.27	1.99	209.79	9.03	210.31	13.25	210.83	37.96
209.28	2.09	209.80	9.20	210.32	13.27	210.84	39.15
209.29	2.19	209.81	9.36	210.33	13.30	210.85	40.36
209.30	2.30	209.82	9.53	210.34	13.32	210.86	41.60
209.31	2.40	209.83	9.70	210.35	13.34	210.87	42.87
209.32	2.51	209.84	9.86	210.36	13.37	210.88	44.16
209.33	2.62	209.85	10.03	210.37	13.39	210.89	45.47
209.34	2.73	209.86	10.20	210.38	13.41	210.90	46.80
209.35	2.84	209.87	10.37	210.39	13.44	210.91	48.19
209.36	2.96	209.88	10.54	210.40	13.46	210.92	49.60
209.37	3.07	209.89	10.71	210.41	13.48	210.93	51.04
209.38	3.19	209.90	10.89	210.42	13.51	210.94	52.51
209.39	3.31	209.91	11.06	210.43	13.53	210.95	54.00
209.40	3.43	209.92	11.23	210.44	13.55	210.96	55.52
209.41	3.55	209.93	11.41	210.45	13.58	210.97	57.06
209.42	3.67	209.94	11.58	210.46	13.60	210.98	58.63
209.43	3.80	209.95	11.76	210.47	13.62	210.99	60.23
209.44	3.92	209.96	11.94	210.48	13.64	211.00	61.85
209.45	4.05	209.97	12.11	210.49	13.67		
209.46	4.18	209.98	12.29	210.50	13.69		
209.47	4.31	209.99	12.47	210.51	13.83		
209.48	4.44	210.00	12.50	210.52	14.07		
209.49	4.57	210.01	12.52	210.53	14.37		
209.50	4.70	210.02	12.55	210.54	14.72		
209.51	4.84	210.03	12.57	210.55	15.12		
209.52	4.97	210.04	12.60	210.56	15.55		
209.53	5.11	210.05	12.62	210.57	16.02		
209.54	5.25	210.06	12.65	210.58	16.53		
209.55	5.39	210.07	12.67	210.59	17.07		
209.56	5.53	210.08	12.70	210.60	17.63		
209.57	5.67	210.09	12.72	210.61	18.23		
209.58	5.81	210.10	12.74	210.62	18.85		
209.59	5.95	210.11	12.77	210.63	19.50		

Stage-Area-Storage for Pond B-7: Basin #7

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.00	6,419	0	207.52	6,927	3,470
207.01	6,429	64	207.53	6,936	3,539
207.02	6,439	129	207.54	6,946	3,609
207.03	6,448	193	207.55	6,956	3,678
207.04	6,458	258	207.56	6,966	3,748
207.05	6,468	322	207.57	6,975	3,817
207.06	6,478	387	207.58	6,985	3,887
207.07	6,487	452	207.59	6,995	3,957
207.08	6,497	517	207.60	7,005	4,027
207.09	6,507	582	207.61	7,014	4,097
207.10	6,517	647	207.62	7,024	4,167
207.11	6,526	712	207.63	7,034	4,238
207.12	6,536	777	207.64	7,044	4,308
207.13	6,546	843	207.65	7,053	4,379
207.14	6,556	908	207.66	7,063	4,449
207.15	6,565	974	207.67	7,073	4,520
207.16	6,575	1,040	207.68	7,083	4,591
207.17	6,585	1,105	207.69	7,092	4,661
207.18	6,595	1,171	207.70	7,102	4,732
207.19	6,604	1,237	207.71	7,112	4,803
207.20	6,614	1,303	207.72	7,122	4,875
207.21	6,624	1,370	207.73	7,131	4,946
207.22	6,634	1,436	207.74	7,141	5,017
207.23	6,643	1,502	207.75	7,151	5,089
207.24	6,653	1,569	207.76	7,161	5,160
207.25	6,663	1,635	207.77	7,171	5,232
207.26	6,673	1,702	207.78	7,180	5,304
207.27	6,683	1,769	207.79	7,190	5,376
207.28	6,692	1,836	207.80	7,200	5,448
207.29	6,702	1,903	207.81	7,210	5,520
207.30	6,712	1,970	207.82	7,219	5,592
207.31	6,722	2,037	207.83	7,229	5,664
207.32	6,731	2,104	207.84	7,239	5,736
207.33	6,741	2,171	207.85	7,249	5,809
207.34	6,751	2,239	207.86	7,258	5,881
207.35	6,761	2,306	207.87	7,268	5,954
207.36	6,770	2,374	207.88	7,278	6,027
207.37	6,780	2,442	207.89	7,288	6,099
207.38	6,790	2,510	207.90	7,297	6,172
207.39	6,800	2,578	207.91	7,307	6,245
207.40	6,809	2,646	207.92	7,317	6,319
207.41	6,819	2,714	207.93	7,327	6,392
207.42	6,829	2,782	207.94	7,336	6,465
207.43	6,839	2,850	207.95	7,346	6,538
207.44	6,848	2,919	207.96	7,356	6,612
207.45	6,858	2,987	207.97	7,366	6,686
207.46	6,868	3,056	207.98	7,375	6,759
207.47	6,878	3,125	207.99	7,385	6,833
207.48	6,887	3,194	208.00	7,395	6,907
207.49	6,897	3,262	208.01	7,405	6,981
207.50	6,907	3,332	208.02	7,416	7,055
207.51	6,917	3,401	208.03	7,426	7,129

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.04	7,436	7,204	208.56	7,974	11,210
208.05	7,447	7,278	208.57	7,984	11,290
208.06	7,457	7,353	208.58	7,995	11,370
208.07	7,467	7,427	208.59	8,005	11,450
208.08	7,478	7,502	208.60	8,015	11,530
208.09	7,488	7,577	208.61	8,026	11,610
208.10	7,498	7,652	208.62	8,036	11,691
208.11	7,509	7,727	208.63	8,046	11,771
208.12	7,519	7,802	208.64	8,057	11,852
208.13	7,529	7,877	208.65	8,067	11,932
208.14	7,540	7,952	208.66	8,077	12,013
208.15	7,550	8,028	208.67	8,088	12,094
208.16	7,560	8,103	208.68	8,098	12,175
208.17	7,571	8,179	208.69	8,108	12,256
208.18	7,581	8,255	208.70	8,119	12,337
208.19	7,591	8,331	208.71	8,129	12,418
208.20	7,602	8,407	208.72	8,139	12,499
208.21	7,612	8,483	208.73	8,150	12,581
208.22	7,622	8,559	208.74	8,160	12,662
208.23	7,633	8,635	208.75	8,171	12,744
208.24	7,643	8,712	208.76	8,181	12,826
208.25	7,654	8,788	208.77	8,191	12,908
208.26	7,664	8,865	208.78	8,202	12,990
208.27	7,674	8,941	208.79	8,212	13,072
208.28	7,685	9,018	208.80	8,222	13,154
208.29	7,695	9,095	208.81	8,233	13,236
208.30	7,705	9,172	208.82	8,243	13,319
208.31	7,716	9,249	208.83	8,253	13,401
208.32	7,726	9,326	208.84	8,264	13,484
208.33	7,736	9,404	208.85	8,274	13,566
208.34	7,747	9,481	208.86	8,284	13,649
208.35	7,757	9,559	208.87	8,295	13,732
208.36	7,767	9,636	208.88	8,305	13,815
208.37	7,778	9,714	208.89	8,315	13,898
208.38	7,788	9,792	208.90	8,326	13,981
208.39	7,798	9,870	208.91	8,336	14,065
208.40	7,809	9,948	208.92	8,346	14,148
208.41	7,819	10,026	208.93	8,357	14,232
208.42	7,829	10,104	208.94	8,367	14,315
208.43	7,840	10,182	208.95	8,377	14,399
208.44	7,850	10,261	208.96	8,388	14,483
208.45	7,860	10,339	208.97	8,398	14,567
208.46	7,871	10,418	208.98	8,408	14,651
208.47	7,881	10,497	208.99	8,419	14,735
208.48	7,891	10,576	209.00	8,429	14,819
208.49	7,902	10,655	209.01	8,440	14,903
208.50	7,912	10,734	209.02	8,450	14,988
208.51	7,922	10,813	209.03	8,461	15,072
208.52	7,933	10,892	209.04	8,471	15,157
208.53	7,943	10,972	209.05	8,482	15,242
208.54	7,953	11,051	209.06	8,492	15,327
208.55	7,964	11,131	209.07	8,503	15,412

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.08	8,513	15,497	209.60	9,062	20,066
209.09	8,524	15,582	209.61	9,073	20,157
209.10	8,534	15,667	209.62	9,083	20,248
209.11	8,545	15,753	209.63	9,094	20,339
209.12	8,556	15,838	209.64	9,104	20,430
209.13	8,566	15,924	209.65	9,115	20,521
209.14	8,577	16,009	209.66	9,125	20,612
209.15	8,587	16,095	209.67	9,136	20,703
209.16	8,598	16,181	209.68	9,146	20,795
209.17	8,608	16,267	209.69	9,157	20,886
209.18	8,619	16,353	209.70	9,167	20,978
209.19	8,629	16,440	209.71	9,178	21,070
209.20	8,640	16,526	209.72	9,189	21,161
209.21	8,651	16,612	209.73	9,199	21,253
209.22	8,661	16,699	209.74	9,210	21,345
209.23	8,672	16,786	209.75	9,220	21,437
209.24	8,682	16,872	209.76	9,231	21,530
209.25	8,693	16,959	209.77	9,241	21,622
209.26	8,703	17,046	209.78	9,252	21,715
209.27	8,714	17,133	209.79	9,262	21,807
209.28	8,724	17,220	209.80	9,273	21,900
209.29	8,735	17,308	209.81	9,284	21,993
209.30	8,746	17,395	209.82	9,294	22,085
209.31	8,756	17,483	209.83	9,305	22,178
209.32	8,767	17,570	209.84	9,315	22,272
209.33	8,777	17,658	209.85	9,326	22,365
209.34	8,788	17,746	209.86	9,336	22,458
209.35	8,798	17,834	209.87	9,347	22,551
209.36	8,809	17,922	209.88	9,357	22,645
209.37	8,819	18,010	209.89	9,368	22,739
209.38	8,830	18,098	209.90	9,379	22,832
209.39	8,840	18,187	209.91	9,389	22,926
209.40	8,851	18,275	209.92	9,400	23,020
209.41	8,862	18,364	209.93	9,410	23,114
209.42	8,872	18,452	209.94	9,421	23,208
209.43	8,883	18,541	209.95	9,431	23,303
209.44	8,893	18,630	209.96	9,442	23,397
209.45	8,904	18,719	209.97	9,452	23,491
209.46	8,914	18,808	209.98	9,463	23,586
209.47	8,925	18,897	209.99	9,473	23,681
209.48	8,935	18,986	210.00	9,484	23,776
209.49	8,946	19,076	210.01	9,495	23,870
209.50	8,957	19,165	210.02	9,507	23,965
209.51	8,967	19,255	210.03	9,518	24,061
209.52	8,978	19,345	210.04	9,530	24,156
209.53	8,988	19,435	210.05	9,541	24,251
209.54	8,999	19,524	210.06	9,552	24,347
209.55	9,009	19,615	210.07	9,564	24,442
209.56	9,020	19,705	210.08	9,575	24,538
209.57	9,030	19,795	210.09	9,587	24,634
209.58	9,041	19,885	210.10	9,598	24,730
209.59	9,051	19,976	210.11	9,609	24,826

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.12	9,621	24,922	210.64	10,213	30,079
210.13	9,632	25,018	210.65	10,224	30,181
210.14	9,643	25,114	210.66	10,236	30,283
210.15	9,655	25,211	210.67	10,247	30,385
210.16	9,666	25,308	210.68	10,259	30,488
210.17	9,678	25,404	210.69	10,270	30,591
210.18	9,689	25,501	210.70	10,281	30,693
210.19	9,700	25,598	210.71	10,293	30,796
210.20	9,712	25,695	210.72	10,304	30,899
210.21	9,723	25,792	210.73	10,315	31,002
210.22	9,735	25,890	210.74	10,327	31,106
210.23	9,746	25,987	210.75	10,338	31,209
210.24	9,757	26,084	210.76	10,350	31,312
210.25	9,769	26,182	210.77	10,361	31,416
210.26	9,780	26,280	210.78	10,372	31,520
210.27	9,792	26,378	210.79	10,384	31,623
210.28	9,803	26,476	210.80	10,395	31,727
210.29	9,814	26,574	210.81	10,407	31,831
210.30	9,826	26,672	210.82	10,418	31,935
210.31	9,837	26,770	210.83	10,429	32,040
210.32	9,848	26,869	210.84	10,441	32,144
210.33	9,860	26,967	210.85	10,452	32,248
210.34	9,871	27,066	210.86	10,464	32,353
210.35	9,883	27,165	210.87	10,475	32,458
210.36	9,894	27,264	210.88	10,486	32,562
210.37	9,905	27,363	210.89	10,498	32,667
210.38	9,917	27,462	210.90	10,509	32,772
210.39	9,928	27,561	210.91	10,520	32,878
210.40	9,940	27,660	210.92	10,532	32,983
210.41	9,951	27,760	210.93	10,543	33,088
210.42	9,962	27,859	210.94	10,555	33,194
210.43	9,974	27,959	210.95	10,566	33,299
210.44	9,985	28,059	210.96	10,577	33,405
210.45	9,997	28,159	210.97	10,589	33,511
210.46	10,008	28,259	210.98	10,600	33,617
210.47	10,019	28,359	210.99	10,612	33,723
210.48	10,031	28,459	211.00	10,623	33,829
210.49	10,042	28,559			
210.50	10,054	28,660			
210.51	10,065	28,760			
210.52	10,076	28,861			
210.53	10,088	28,962			
210.54	10,099	29,063			
210.55	10,110	29,164			
210.56	10,122	29,265			
210.57	10,133	29,366			
210.58	10,145	29,468			
210.59	10,156	29,569			
210.60	10,167	29,671			
210.61	10,179	29,773			
210.62	10,190	29,874			
210.63	10,202	29,976			

Summary for Pond B-8: Basin #8

Inflow Area = 2.090 ac, 23.06% Impervious, Inflow Depth = 1.98" for Future 2 yr event
 Inflow = 4.28 cfs @ 12.18 hrs, Volume= 0.344 af
 Outflow = 0.12 cfs @ 17.39 hrs, Volume= 0.223 af, Atten= 97%, Lag= 312.8 min
 Primary = 0.12 cfs @ 17.39 hrs, Volume= 0.223 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.79' @ 17.39 hrs Surf.Area= 14,066 sf Storage= 10,811 cf

Plug-Flow detention time= 775.3 min calculated for 0.223 af (65% of inflow)
 Center-of-Mass det. time= 663.7 min (1,479.5 - 815.8)

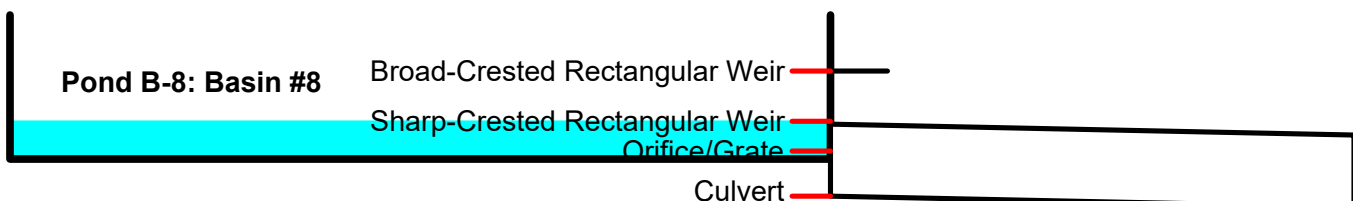
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	44,379 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

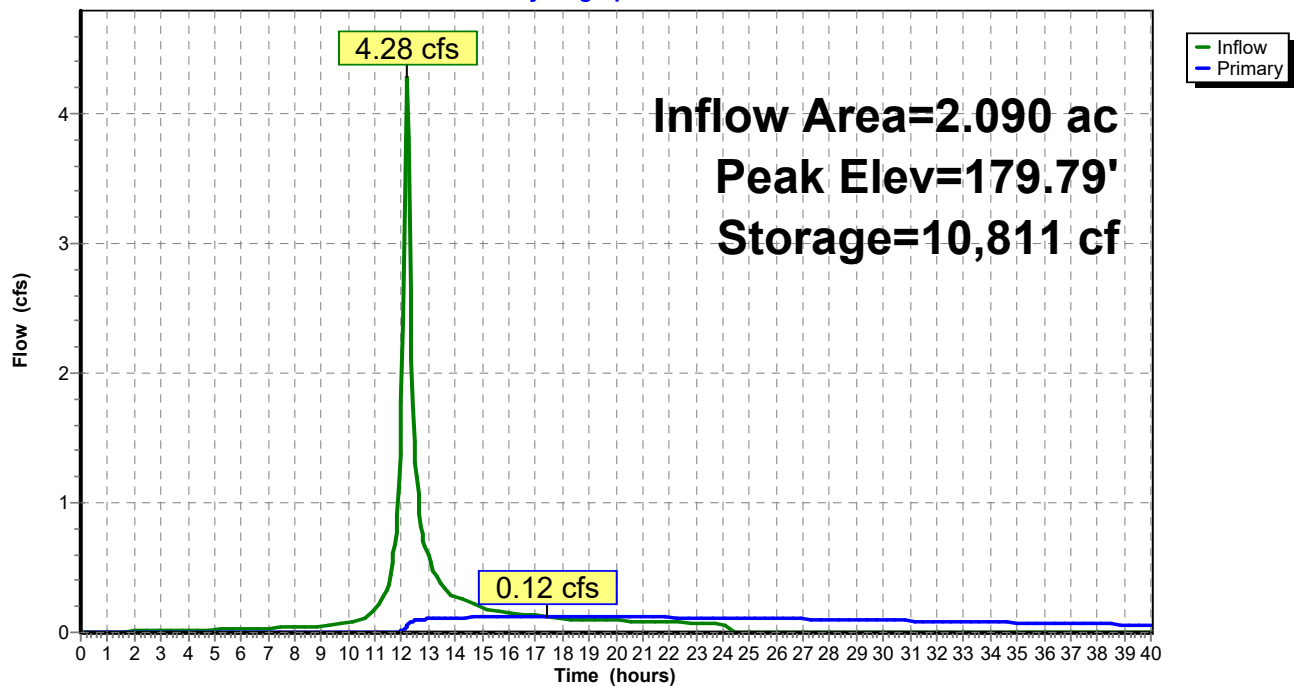
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	13,283	0	0
180.00	14,274	13,779	13,779
181.00	15,293	14,784	28,562
182.00	16,341	15,817	44,379

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 46.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0050 ' S= 0.0050 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	179.79'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.83'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.12 cfs @ 17.39 hrs HW=179.79' (Free Discharge)

1=Culvert (Passes 0.12 cfs of 6.38 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 3.46 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 0.00 cfs @ 0.08 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-8: Basin #8**Hydrograph**

Hydrograph for Pond B-8: Basin #8

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	0	179.00	0.00
1.10	0.00	0	179.00	0.00
1.20	0.00	0	179.00	0.00
1.30	0.00	1	179.00	0.00
1.40	0.00	1	179.00	0.00
1.50	0.00	2	179.00	0.00
1.60	0.00	3	179.00	0.00
1.70	0.00	5	179.00	0.00
1.80	0.01	7	179.00	0.00
1.90	0.01	9	179.00	0.00
2.00	0.01	11	179.00	0.00
2.10	0.01	14	179.00	0.00
2.20	0.01	16	179.00	0.00
2.30	0.01	19	179.00	0.00
2.40	0.01	22	179.00	0.00
2.50	0.01	26	179.00	0.00
2.60	0.01	29	179.00	0.00
2.70	0.01	33	179.00	0.00
2.80	0.01	37	179.00	0.00
2.90	0.01	41	179.00	0.00
3.00	0.01	46	179.00	0.00
3.10	0.01	50	179.00	0.00
3.20	0.01	55	179.00	0.00
3.30	0.01	60	179.00	0.00
3.40	0.01	65	179.00	0.00
3.50	0.01	70	179.01	0.00
3.60	0.02	76	179.01	0.00
3.70	0.02	81	179.01	0.00
3.80	0.02	87	179.01	0.00
3.90	0.02	93	179.01	0.00
4.00	0.02	99	179.01	0.00
4.10	0.02	105	179.01	0.00
4.20	0.02	111	179.01	0.00
4.30	0.02	118	179.01	0.00
4.40	0.02	124	179.01	0.00
4.50	0.02	131	179.01	0.00
4.60	0.02	138	179.01	0.00
4.70	0.02	145	179.01	0.00
4.80	0.02	152	179.01	0.00
4.90	0.02	159	179.01	0.00
5.00	0.02	167	179.01	0.00
5.10	0.02	174	179.01	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	182	179.01	0.00
5.30	0.02	190	179.01	0.00
5.40	0.02	198	179.01	0.00
5.50	0.02	206	179.02	0.00
5.60	0.02	214	179.02	0.00
5.70	0.02	222	179.02	0.00
5.80	0.02	230	179.02	0.00
5.90	0.02	239	179.02	0.00
6.00	0.02	247	179.02	0.00
6.10	0.02	256	179.02	0.00
6.20	0.03	265	179.02	0.00
6.30	0.03	274	179.02	0.00
6.40	0.03	284	179.02	0.00
6.50	0.03	293	179.02	0.00
6.60	0.03	303	179.02	0.00
6.70	0.03	314	179.02	0.00
6.80	0.03	324	179.02	0.00
6.90	0.03	335	179.03	0.00
7.00	0.03	346	179.03	0.00
7.10	0.03	358	179.03	0.00
7.20	0.03	369	179.03	0.00
7.30	0.03	381	179.03	0.00
7.40	0.03	394	179.03	0.00
7.50	0.04	406	179.03	0.00
7.60	0.04	419	179.03	0.00
7.70	0.04	432	179.03	0.00
7.80	0.04	445	179.03	0.00
7.90	0.04	459	179.03	0.00
8.00	0.04	473	179.04	0.00
8.10	0.04	487	179.04	0.00
8.20	0.04	502	179.04	0.00
8.30	0.04	517	179.04	0.00
8.40	0.04	532	179.04	0.00
8.50	0.04	547	179.04	0.00
8.60	0.04	563	179.04	0.00
8.70	0.04	579	179.04	0.00
8.80	0.05	596	179.04	0.00
8.90	0.05	612	179.05	0.00
9.00	0.05	629	179.05	0.00
9.10	0.05	646	179.05	0.00
9.20	0.05	664	179.05	0.00
9.30	0.05	683	179.05	0.00
9.40	0.06	703	179.05	0.00
9.50	0.06	724	179.05	0.00
9.60	0.06	745	179.06	0.00
9.70	0.06	768	179.06	0.00
9.80	0.07	792	179.06	0.00
9.90	0.07	817	179.06	0.00
10.00	0.07	843	179.06	0.00
10.10	0.08	869	179.07	0.00
10.20	0.08	897	179.07	0.00
10.30	0.09	927	179.07	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.09	959	179.07	0.00
10.50	0.10	993	179.07	0.00
10.60	0.11	1,030	179.08	0.00
10.70	0.12	1,070	179.08	0.00
10.80	0.14	1,117	179.08	0.00
10.90	0.16	1,169	179.09	0.00
11.00	0.17	1,228	179.09	0.00
11.10	0.20	1,295	179.10	0.00
11.20	0.23	1,373	179.10	0.00
11.30	0.27	1,463	179.11	0.00
11.40	0.31	1,567	179.12	0.00
11.50	0.36	1,687	179.13	0.00
11.60	0.45	1,829	179.14	0.00
11.70	0.61	2,020	179.15	0.00
11.80	0.77	2,266	179.17	0.00
11.90	1.10	2,599	179.19	0.00
12.00	1.78	3,101	179.23	0.01
12.10	3.25	3,975	179.30	0.03
12.20	4.19	5,379	179.40	0.06
12.30	2.63	6,583	179.49	0.08
12.40	1.74	7,327	179.54	0.08
12.50	1.30	7,834	179.58	0.09
12.60	1.07	8,230	179.61	0.09
12.70	0.81	8,531	179.63	0.10
12.80	0.71	8,767	179.64	0.10
12.90	0.64	8,973	179.66	0.10
13.00	0.58	9,155	179.67	0.10
13.10	0.52	9,315	179.68	0.11
13.20	0.47	9,454	179.69	0.11
13.30	0.43	9,577	179.70	0.11
13.40	0.40	9,687	179.71	0.11
13.50	0.36	9,785	179.72	0.11
13.60	0.33	9,870	179.72	0.11
13.70	0.30	9,945	179.73	0.11
13.80	0.29	10,012	179.73	0.11
13.90	0.28	10,074	179.74	0.11
14.00	0.27	10,134	179.74	0.11
14.10	0.26	10,190	179.75	0.11
14.20	0.26	10,243	179.75	0.11
14.30	0.25	10,293	179.75	0.11
14.40	0.24	10,339	179.76	0.11
14.50	0.23	10,383	179.76	0.11
14.60	0.22	10,423	179.76	0.11
14.70	0.21	10,460	179.77	0.12
14.80	0.20	10,494	179.77	0.12
14.90	0.20	10,524	179.77	0.12
15.00	0.19	10,552	179.77	0.12
15.10	0.18	10,576	179.77	0.12
15.20	0.17	10,597	179.78	0.12
15.30	0.17	10,616	179.78	0.12
15.40	0.16	10,634	179.78	0.12
15.50	0.16	10,651	179.78	0.12

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	10,667	179.78	0.12
15.70	0.16	10,683	179.78	0.12
15.80	0.16	10,697	179.78	0.12
15.90	0.15	10,711	179.78	0.12
16.00	0.15	10,723	179.78	0.12
16.10	0.15	10,735	179.79	0.12
16.20	0.15	10,746	179.79	0.12
16.30	0.14	10,757	179.79	0.12
16.40	0.14	10,766	179.79	0.12
16.50	0.14	10,774	179.79	0.12
16.60	0.14	10,782	179.79	0.12
16.70	0.14	10,789	179.79	0.12
16.80	0.13	10,795	179.79	0.12
16.90	0.13	10,800	179.79	0.12
17.00	0.13	10,804	179.79	0.12
17.10	0.13	10,807	179.79	0.12
17.20	0.12	10,810	179.79	0.12
17.30	0.12	10,811	179.79	0.12
17.40	0.12	10,811	179.79	0.12
17.50	0.12	10,811	179.79	0.12
17.60	0.11	10,810	179.79	0.12
17.70	0.11	10,808	179.79	0.12
17.80	0.11	10,805	179.79	0.12
17.90	0.11	10,802	179.79	0.12
18.00	0.10	10,797	179.79	0.12
18.10	0.10	10,792	179.79	0.12
18.20	0.10	10,786	179.79	0.12
18.30	0.10	10,780	179.79	0.12
18.40	0.10	10,773	179.79	0.12
18.50	0.10	10,766	179.79	0.12
18.60	0.10	10,759	179.79	0.12
18.70	0.10	10,752	179.79	0.12
18.80	0.10	10,744	179.79	0.12
18.90	0.10	10,737	179.79	0.12
19.00	0.10	10,729	179.78	0.12
19.10	0.09	10,721	179.78	0.12
19.20	0.09	10,713	179.78	0.12
19.30	0.09	10,705	179.78	0.12
19.40	0.09	10,696	179.78	0.12
19.50	0.09	10,687	179.78	0.12
19.60	0.09	10,678	179.78	0.12
19.70	0.09	10,669	179.78	0.12
19.80	0.09	10,660	179.78	0.12
19.90	0.09	10,651	179.78	0.12
20.00	0.09	10,641	179.78	0.12
20.10	0.09	10,631	179.78	0.12
20.20	0.09	10,621	179.78	0.12
20.30	0.09	10,611	179.78	0.12
20.40	0.09	10,601	179.78	0.12
20.50	0.09	10,590	179.77	0.12
20.60	0.09	10,580	179.77	0.12
20.70	0.09	10,569	179.77	0.12

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	10,558	179.77	0.12
20.90	0.08	10,547	179.77	0.12
21.00	0.08	10,535	179.77	0.12
21.10	0.08	10,524	179.77	0.12
21.20	0.08	10,512	179.77	0.12
21.30	0.08	10,500	179.77	0.12
21.40	0.08	10,488	179.77	0.12
21.50	0.08	10,476	179.77	0.12
21.60	0.08	10,463	179.77	0.12
21.70	0.08	10,451	179.76	0.11
21.80	0.08	10,438	179.76	0.11
21.90	0.08	10,425	179.76	0.11
22.00	0.08	10,412	179.76	0.11
22.10	0.08	10,399	179.76	0.11
22.20	0.08	10,385	179.76	0.11
22.30	0.08	10,372	179.76	0.11
22.40	0.08	10,358	179.76	0.11
22.50	0.07	10,344	179.76	0.11
22.60	0.07	10,329	179.76	0.11
22.70	0.07	10,315	179.76	0.11
22.80	0.07	10,301	179.75	0.11
22.90	0.07	10,286	179.75	0.11
23.00	0.07	10,271	179.75	0.11
23.10	0.07	10,256	179.75	0.11
23.20	0.07	10,241	179.75	0.11
23.30	0.07	10,225	179.75	0.11
23.40	0.07	10,210	179.75	0.11
23.50	0.07	10,194	179.75	0.11
23.60	0.07	10,178	179.75	0.11
23.70	0.07	10,162	179.74	0.11
23.80	0.07	10,146	179.74	0.11
23.90	0.07	10,129	179.74	0.11
24.00	0.07	10,113	179.74	0.11
24.10	0.06	10,097	179.74	0.11
24.20	0.02	10,070	179.74	0.11
24.30	0.00	10,033	179.74	0.11
24.40	0.00	9,994	179.73	0.11
24.50	0.00	9,954	179.73	0.11
24.60	0.00	9,915	179.73	0.11
24.70	0.00	9,875	179.72	0.11
24.80	0.00	9,835	179.72	0.11
24.90	0.00	9,796	179.72	0.11
25.00	0.00	9,757	179.72	0.11
25.10	0.00	9,717	179.71	0.11
25.20	0.00	9,678	179.71	0.11
25.30	0.00	9,639	179.71	0.11
25.40	0.00	9,601	179.70	0.11
25.50	0.00	9,562	179.70	0.11
25.60	0.00	9,523	179.70	0.11
25.70	0.00	9,485	179.70	0.11
25.80	0.00	9,447	179.69	0.11
25.90	0.00	9,408	179.69	0.11

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,370	179.69	0.11
26.10	0.00	9,332	179.69	0.11
26.20	0.00	9,295	179.68	0.10
26.30	0.00	9,257	179.68	0.10
26.40	0.00	9,219	179.68	0.10
26.50	0.00	9,182	179.67	0.10
26.60	0.00	9,145	179.67	0.10
26.70	0.00	9,107	179.67	0.10
26.80	0.00	9,070	179.67	0.10
26.90	0.00	9,033	179.66	0.10
27.00	0.00	8,997	179.66	0.10
27.10	0.00	8,960	179.66	0.10
27.20	0.00	8,923	179.66	0.10
27.30	0.00	8,887	179.65	0.10
27.40	0.00	8,851	179.65	0.10
27.50	0.00	8,814	179.65	0.10
27.60	0.00	8,778	179.65	0.10
27.70	0.00	8,742	179.64	0.10
27.80	0.00	8,707	179.64	0.10
27.90	0.00	8,671	179.64	0.10
28.00	0.00	8,635	179.64	0.10
28.10	0.00	8,600	179.63	0.10
28.20	0.00	8,565	179.63	0.10
28.30	0.00	8,529	179.63	0.10
28.40	0.00	8,494	179.62	0.10
28.50	0.00	8,459	179.62	0.10
28.60	0.00	8,425	179.62	0.10
28.70	0.00	8,390	179.62	0.10
28.80	0.00	8,355	179.61	0.10
28.90	0.00	8,321	179.61	0.10
29.00	0.00	8,287	179.61	0.10
29.10	0.00	8,253	179.61	0.09
29.20	0.00	8,219	179.61	0.09
29.30	0.00	8,185	179.60	0.09
29.40	0.00	8,151	179.60	0.09
29.50	0.00	8,117	179.60	0.09
29.60	0.00	8,084	179.60	0.09
29.70	0.00	8,050	179.59	0.09
29.80	0.00	8,017	179.59	0.09
29.90	0.00	7,984	179.59	0.09
30.00	0.00	7,951	179.59	0.09
30.10	0.00	7,918	179.58	0.09
30.20	0.00	7,885	179.58	0.09
30.30	0.00	7,852	179.58	0.09
30.40	0.00	7,820	179.58	0.09
30.50	0.00	7,787	179.57	0.09
30.60	0.00	7,755	179.57	0.09
30.70	0.00	7,723	179.57	0.09
30.80	0.00	7,691	179.57	0.09
30.90	0.00	7,659	179.56	0.09
31.00	0.00	7,627	179.56	0.09
31.10	0.00	7,596	179.56	0.09

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,564	179.56	0.09
31.30	0.00	7,533	179.56	0.09
31.40	0.00	7,501	179.55	0.09
31.50	0.00	7,470	179.55	0.09
31.60	0.00	7,439	179.55	0.09
31.70	0.00	7,408	179.55	0.09
31.80	0.00	7,378	179.54	0.09
31.90	0.00	7,347	179.54	0.08
32.00	0.00	7,316	179.54	0.08
32.10	0.00	7,286	179.54	0.08
32.20	0.00	7,256	179.54	0.08
32.30	0.00	7,226	179.53	0.08
32.40	0.00	7,196	179.53	0.08
32.50	0.00	7,166	179.53	0.08
32.60	0.00	7,136	179.53	0.08
32.70	0.00	7,106	179.52	0.08
32.80	0.00	7,077	179.52	0.08
32.90	0.00	7,047	179.52	0.08
33.00	0.00	7,018	179.52	0.08
33.10	0.00	6,989	179.52	0.08
33.20	0.00	6,960	179.51	0.08
33.30	0.00	6,931	179.51	0.08
33.40	0.00	6,902	179.51	0.08
33.50	0.00	6,874	179.51	0.08
33.60	0.00	6,845	179.51	0.08
33.70	0.00	6,817	179.50	0.08
33.80	0.00	6,789	179.50	0.08
33.90	0.00	6,761	179.50	0.08
34.00	0.00	6,733	179.50	0.08
34.10	0.00	6,705	179.50	0.08
34.20	0.00	6,677	179.49	0.08
34.30	0.00	6,649	179.49	0.08
34.40	0.00	6,622	179.49	0.08
34.50	0.00	6,595	179.49	0.08
34.60	0.00	6,567	179.49	0.08
34.70	0.00	6,540	179.48	0.08
34.80	0.00	6,513	179.48	0.07
34.90	0.00	6,486	179.48	0.07
35.00	0.00	6,460	179.48	0.07
35.10	0.00	6,433	179.48	0.07
35.20	0.00	6,407	179.47	0.07
35.30	0.00	6,380	179.47	0.07
35.40	0.00	6,354	179.47	0.07
35.50	0.00	6,328	179.47	0.07
35.60	0.00	6,302	179.47	0.07
35.70	0.00	6,276	179.46	0.07
35.80	0.00	6,251	179.46	0.07
35.90	0.00	6,225	179.46	0.07
36.00	0.00	6,200	179.46	0.07
36.10	0.00	6,174	179.46	0.07
36.20	0.00	6,149	179.46	0.07
36.30	0.00	6,124	179.45	0.07

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,099	179.45	0.07
36.50	0.00	6,074	179.45	0.07
36.60	0.00	6,050	179.45	0.07
36.70	0.00	6,025	179.45	0.07
36.80	0.00	6,001	179.44	0.07
36.90	0.00	5,976	179.44	0.07
37.00	0.00	5,952	179.44	0.07
37.10	0.00	5,928	179.44	0.07
37.20	0.00	5,904	179.44	0.07
37.30	0.00	5,880	179.44	0.07
37.40	0.00	5,857	179.43	0.07
37.50	0.00	5,833	179.43	0.07
37.60	0.00	5,810	179.43	0.06
37.70	0.00	5,787	179.43	0.06
37.80	0.00	5,763	179.43	0.06
37.90	0.00	5,740	179.43	0.06
38.00	0.00	5,717	179.42	0.06
38.10	0.00	5,695	179.42	0.06
38.20	0.00	5,672	179.42	0.06
38.30	0.00	5,649	179.42	0.06
38.40	0.00	5,627	179.42	0.06
38.50	0.00	5,605	179.42	0.06
38.60	0.00	5,583	179.41	0.06
38.70	0.00	5,561	179.41	0.06
38.80	0.00	5,539	179.41	0.06
38.90	0.00	5,517	179.41	0.06
39.00	0.00	5,495	179.41	0.06
39.10	0.00	5,474	179.41	0.06
39.20	0.00	5,453	179.40	0.06
39.30	0.00	5,431	179.40	0.06
39.40	0.00	5,410	179.40	0.06
39.50	0.00	5,389	179.40	0.06
39.60	0.00	5,369	179.40	0.06
39.70	0.00	5,348	179.40	0.06
39.80	0.00	5,327	179.40	0.06
39.90	0.00	5,307	179.39	0.06
40.00	0.00	5,286	179.39	0.06

Stage-Discharge for Pond B-8: Basin #8

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	1.76	180.56	8.68
179.01	0.00	179.53	0.08	180.05	1.86	180.57	8.85
179.02	0.00	179.54	0.08	180.06	1.96	180.58	9.01
179.03	0.00	179.55	0.09	180.07	2.06	180.59	9.17
179.04	0.00	179.56	0.09	180.08	2.16	180.60	9.34
179.05	0.00	179.57	0.09	180.09	2.27	180.61	9.50
179.06	0.00	179.58	0.09	180.10	2.37	180.62	9.67
179.07	0.00	179.59	0.09	180.11	2.48	180.63	9.84
179.08	0.00	179.60	0.09	180.12	2.59	180.64	9.90
179.09	0.00	179.61	0.10	180.13	2.70	180.65	9.94
179.10	0.00	179.62	0.10	180.14	2.81	180.66	9.98
179.11	0.00	179.63	0.10	180.15	2.93	180.67	10.03
179.12	0.00	179.64	0.10	180.16	3.04	180.68	10.07
179.13	0.00	179.65	0.10	180.17	3.16	180.69	10.11
179.14	0.00	179.66	0.10	180.18	3.28	180.70	10.15
179.15	0.00	179.67	0.10	180.19	3.40	180.71	10.19
179.16	0.00	179.68	0.10	180.20	3.52	180.72	10.24
179.17	0.00	179.69	0.11	180.21	3.64	180.73	10.28
179.18	0.00	179.70	0.11	180.22	3.77	180.74	10.32
179.19	0.00	179.71	0.11	180.23	3.89	180.75	10.36
179.20	0.00	179.72	0.11	180.24	4.02	180.76	10.40
179.21	0.00	179.73	0.11	180.25	4.15	180.77	10.44
179.22	0.00	179.74	0.11	180.26	4.28	180.78	10.49
179.23	0.01	179.75	0.11	180.27	4.41	180.79	10.53
179.24	0.01	179.76	0.11	180.28	4.54	180.80	10.57
179.25	0.01	179.77	0.12	180.29	4.67	180.81	10.61
179.26	0.01	179.78	0.12	180.30	4.81	180.82	10.65
179.27	0.02	179.79	0.12	180.31	4.94	180.83	10.69
179.28	0.02	179.80	0.13	180.32	5.08	180.84	10.85
179.29	0.02	179.81	0.16	180.33	5.22	180.85	11.10
179.30	0.03	179.82	0.19	180.34	5.36	180.86	11.42
179.31	0.03	179.83	0.23	180.35	5.50	180.87	11.79
179.32	0.03	179.84	0.27	180.36	5.64	180.88	12.20
179.33	0.04	179.85	0.32	180.37	5.78	180.89	12.65
179.34	0.04	179.86	0.37	180.38	5.93	180.90	13.14
179.35	0.05	179.87	0.42	180.39	6.07	180.91	13.66
179.36	0.05	179.88	0.48	180.40	6.22	180.92	14.22
179.37	0.05	179.89	0.54	180.41	6.36	180.93	14.80
179.38	0.05	179.90	0.60	180.42	6.51	180.94	15.41
179.39	0.06	179.91	0.67	180.43	6.66	180.95	16.05
179.40	0.06	179.92	0.74	180.44	6.81	180.96	16.72
179.41	0.06	179.93	0.81	180.45	6.96	180.97	17.41
179.42	0.06	179.94	0.89	180.46	7.11	180.98	18.12
179.43	0.06	179.95	0.97	180.47	7.26	180.99	18.86
179.44	0.07	179.96	1.04	180.48	7.42	181.00	19.62
179.45	0.07	179.97	1.13	180.49	7.57	181.01	20.40
179.46	0.07	179.98	1.21	180.50	7.73	181.02	21.20
179.47	0.07	179.99	1.30	180.51	7.89	181.03	22.03
179.48	0.07	180.00	1.39	180.52	8.04	181.04	22.91
179.49	0.08	180.01	1.48	180.53	8.20	181.05	23.82
179.50	0.08	180.02	1.57	180.54	8.36	181.06	24.76
179.51	0.08	180.03	1.66	180.55	8.52	181.07	25.72

Stage-Discharge for Pond B-8: Basin #8 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	26.70	181.60	107.42
181.09	27.71	181.61	109.30
181.10	28.75	181.62	111.19
181.11	29.81	181.63	113.09
181.12	30.89	181.64	115.04
181.13	32.00	181.65	117.01
181.14	33.13	181.66	118.98
181.15	34.29	181.67	120.98
181.16	35.47	181.68	122.98
181.17	36.68	181.69	125.00
181.18	37.91	181.70	127.03
181.19	39.16	181.71	129.07
181.20	40.44	181.72	131.13
181.21	41.74	181.73	133.19
181.22	43.07	181.74	135.28
181.23	44.42	181.75	137.37
181.24	45.82	181.76	139.48
181.25	47.25	181.77	141.60
181.26	48.70	181.78	143.73
181.27	50.18	181.79	145.87
181.28	51.68	181.80	148.03
181.29	53.22	181.81	150.20
181.30	54.77	181.82	152.38
181.31	56.36	181.83	154.58
181.32	57.97	181.84	156.73
181.33	59.60	181.85	158.90
181.34	61.27	181.86	161.07
181.35	62.95	181.87	163.26
181.36	64.67	181.88	165.46
181.37	66.41	181.89	167.66
181.38	68.18	181.90	169.88
181.39	69.98	181.91	172.11
181.40	71.80	181.92	174.35
181.41	73.65	181.93	176.60
181.42	75.52	181.94	178.86
181.43	77.42	181.95	181.13
181.44	79.09	181.96	183.41
181.45	80.76	181.97	185.70
181.46	82.45	181.98	188.00
181.47	84.15	181.99	190.31
181.48	85.86	182.00	192.63
181.49	87.59		
181.50	89.33		
181.51	91.08		
181.52	92.84		
181.53	94.62		
181.54	96.41		
181.55	98.22		
181.56	100.03		
181.57	101.86		
181.58	103.70		
181.59	105.56		

Stage-Area-Storage for Pond B-8: Basin #8

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	13,283	0	179.52	13,798	7,041
179.01	13,293	133	179.53	13,808	7,179
179.02	13,303	266	179.54	13,818	7,317
179.03	13,313	399	179.55	13,828	7,456
179.04	13,323	532	179.56	13,838	7,594
179.05	13,333	665	179.57	13,848	7,732
179.06	13,342	799	179.58	13,858	7,871
179.07	13,352	932	179.59	13,868	8,009
179.08	13,362	1,066	179.60	13,878	8,148
179.09	13,372	1,199	179.61	13,888	8,287
179.10	13,382	1,333	179.62	13,897	8,426
179.11	13,392	1,467	179.63	13,907	8,565
179.12	13,402	1,601	179.64	13,917	8,704
179.13	13,412	1,735	179.65	13,927	8,843
179.14	13,422	1,869	179.66	13,937	8,983
179.15	13,432	2,004	179.67	13,947	9,122
179.16	13,442	2,138	179.68	13,957	9,262
179.17	13,451	2,272	179.69	13,967	9,401
179.18	13,461	2,407	179.70	13,977	9,541
179.19	13,471	2,542	179.71	13,987	9,681
179.20	13,481	2,676	179.72	13,997	9,821
179.21	13,491	2,811	179.73	14,006	9,961
179.22	13,501	2,946	179.74	14,016	10,101
179.23	13,511	3,081	179.75	14,026	10,241
179.24	13,521	3,216	179.76	14,036	10,381
179.25	13,531	3,352	179.77	14,046	10,522
179.26	13,541	3,487	179.78	14,056	10,662
179.27	13,551	3,623	179.79	14,066	10,803
179.28	13,560	3,758	179.80	14,076	10,944
179.29	13,570	3,894	179.81	14,086	11,084
179.30	13,580	4,029	179.82	14,096	11,225
179.31	13,590	4,165	179.83	14,106	11,366
179.32	13,600	4,301	179.84	14,115	11,507
179.33	13,610	4,437	179.85	14,125	11,649
179.34	13,620	4,573	179.86	14,135	11,790
179.35	13,630	4,710	179.87	14,145	11,931
179.36	13,640	4,846	179.88	14,155	12,073
179.37	13,650	4,983	179.89	14,165	12,214
179.38	13,660	5,119	179.90	14,175	12,356
179.39	13,669	5,256	179.91	14,185	12,498
179.40	13,679	5,392	179.92	14,195	12,640
179.41	13,689	5,529	179.93	14,205	12,782
179.42	13,699	5,666	179.94	14,215	12,924
179.43	13,709	5,803	179.95	14,224	13,066
179.44	13,719	5,940	179.96	14,234	13,208
179.45	13,729	6,078	179.97	14,244	13,351
179.46	13,739	6,215	179.98	14,254	13,493
179.47	13,749	6,352	179.99	14,264	13,636
179.48	13,759	6,490	180.00	14,274	13,779
179.49	13,769	6,628	180.01	14,284	13,921
179.50	13,779	6,765	180.02	14,294	14,064
179.51	13,788	6,903	180.03	14,305	14,207

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	14,315	14,350	180.56	14,845	21,932
180.05	14,325	14,493	180.57	14,855	22,080
180.06	14,335	14,637	180.58	14,865	22,229
180.07	14,345	14,780	180.59	14,875	22,378
180.08	14,356	14,924	180.60	14,885	22,526
180.09	14,366	15,067	180.61	14,896	22,675
180.10	14,376	15,211	180.62	14,906	22,824
180.11	14,386	15,355	180.63	14,916	22,973
180.12	14,396	15,499	180.64	14,926	23,123
180.13	14,406	15,643	180.65	14,936	23,272
180.14	14,417	15,787	180.66	14,947	23,421
180.15	14,427	15,931	180.67	14,957	23,571
180.16	14,437	16,075	180.68	14,967	23,720
180.17	14,447	16,220	180.69	14,977	23,870
180.18	14,457	16,364	180.70	14,987	24,020
180.19	14,468	16,509	180.71	14,997	24,170
180.20	14,478	16,654	180.72	15,008	24,320
180.21	14,488	16,799	180.73	15,018	24,470
180.22	14,498	16,943	180.74	15,028	24,620
180.23	14,508	17,088	180.75	15,038	24,771
180.24	14,519	17,234	180.76	15,048	24,921
180.25	14,529	17,379	180.77	15,059	25,072
180.26	14,539	17,524	180.78	15,069	25,222
180.27	14,549	17,670	180.79	15,079	25,373
180.28	14,559	17,815	180.80	15,089	25,524
180.29	14,570	17,961	180.81	15,099	25,675
180.30	14,580	18,107	180.82	15,110	25,826
180.31	14,590	18,252	180.83	15,120	25,977
180.32	14,600	18,398	180.84	15,130	26,128
180.33	14,610	18,544	180.85	15,140	26,280
180.34	14,620	18,691	180.86	15,150	26,431
180.35	14,631	18,837	180.87	15,161	26,583
180.36	14,641	18,983	180.88	15,171	26,734
180.37	14,651	19,130	180.89	15,181	26,886
180.38	14,661	19,276	180.90	15,191	27,038
180.39	14,671	19,423	180.91	15,201	27,190
180.40	14,682	19,570	180.92	15,211	27,342
180.41	14,692	19,716	180.93	15,222	27,494
180.42	14,702	19,863	180.94	15,232	27,646
180.43	14,712	20,011	180.95	15,242	27,799
180.44	14,722	20,158	180.96	15,252	27,951
180.45	14,733	20,305	180.97	15,262	28,104
180.46	14,743	20,452	180.98	15,273	28,256
180.47	14,753	20,600	180.99	15,283	28,409
180.48	14,763	20,747	181.00	15,293	28,562
180.49	14,773	20,895	181.01	15,303	28,715
180.50	14,784	21,043	181.02	15,314	28,868
180.51	14,794	21,191	181.03	15,324	29,021
180.52	14,804	21,339	181.04	15,335	29,175
180.53	14,814	21,487	181.05	15,345	29,328
180.54	14,824	21,635	181.06	15,356	29,481
180.55	14,834	21,783	181.07	15,366	29,635

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	15,377	29,789	181.60	15,922	37,926
181.09	15,387	29,943	181.61	15,932	38,086
181.10	15,398	30,097	181.62	15,943	38,245
181.11	15,408	30,251	181.63	15,953	38,405
181.12	15,419	30,405	181.64	15,964	38,564
181.13	15,429	30,559	181.65	15,974	38,724
181.14	15,440	30,713	181.66	15,985	38,884
181.15	15,450	30,868	181.67	15,995	39,044
181.16	15,461	31,022	181.68	16,006	39,204
181.17	15,471	31,177	181.69	16,016	39,364
181.18	15,482	31,332	181.70	16,027	39,524
181.19	15,492	31,487	181.71	16,037	39,684
181.20	15,503	31,642	181.72	16,048	39,845
181.21	15,513	31,797	181.73	16,058	40,005
181.22	15,524	31,952	181.74	16,069	40,166
181.23	15,534	32,107	181.75	16,079	40,327
181.24	15,545	32,263	181.76	16,089	40,487
181.25	15,555	32,418	181.77	16,100	40,648
181.26	15,565	32,574	181.78	16,110	40,809
181.27	15,576	32,729	181.79	16,121	40,970
181.28	15,586	32,885	181.80	16,131	41,132
181.29	15,597	33,041	181.81	16,142	41,293
181.30	15,607	33,197	181.82	16,152	41,455
181.31	15,618	33,353	181.83	16,163	41,616
181.32	15,628	33,509	181.84	16,173	41,778
181.33	15,639	33,666	181.85	16,184	41,940
181.34	15,649	33,822	181.86	16,194	42,102
181.35	15,660	33,979	181.87	16,205	42,264
181.36	15,670	34,135	181.88	16,215	42,426
181.37	15,681	34,292	181.89	16,226	42,588
181.38	15,691	34,449	181.90	16,236	42,750
181.39	15,702	34,606	181.91	16,247	42,913
181.40	15,712	34,763	181.92	16,257	43,075
181.41	15,723	34,920	181.93	16,268	43,238
181.42	15,733	35,077	181.94	16,278	43,400
181.43	15,744	35,235	181.95	16,289	43,563
181.44	15,754	35,392	181.96	16,299	43,726
181.45	15,765	35,550	181.97	16,310	43,889
181.46	15,775	35,708	181.98	16,320	44,052
181.47	15,786	35,865	181.99	16,331	44,216
181.48	15,796	36,023	182.00	16,341	44,379
181.49	15,807	36,181			
181.50	15,817	36,340			
181.51	15,827	36,498			
181.52	15,838	36,656			
181.53	15,848	36,814			
181.54	15,859	36,973			
181.55	15,869	37,132			
181.56	15,880	37,290			
181.57	15,890	37,449			
181.58	15,901	37,608			
181.59	15,911	37,767			

Summary for Pond B-9: Basin #9

Inflow Area = 1.503 ac, 52.63% Impervious, Inflow Depth = 2.61" for Future 2 yr event
 Inflow = 3.91 cfs @ 12.17 hrs, Volume= 0.327 af
 Outflow = 0.12 cfs @ 16.18 hrs, Volume= 0.210 af, Atten= 97%, Lag= 240.3 min
 Primary = 0.12 cfs @ 16.18 hrs, Volume= 0.210 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.93' @ 16.18 hrs Surf.Area= 11,635 sf Storage= 10,433 cf

Plug-Flow detention time= 765.0 min calculated for 0.210 af (64% of inflow)
 Center-of-Mass det. time= 655.6 min (1,440.2 - 784.7)

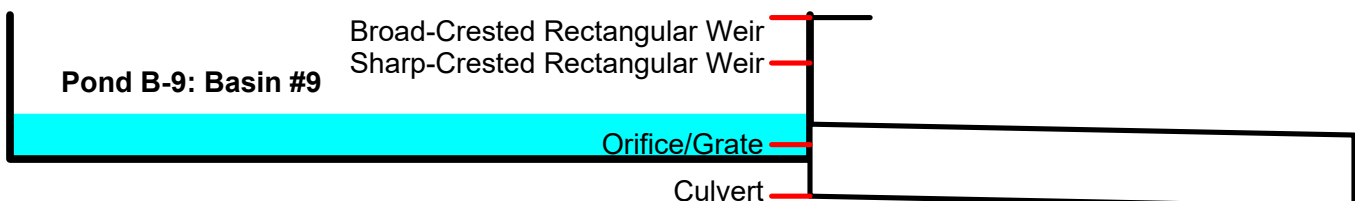
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	36,641 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

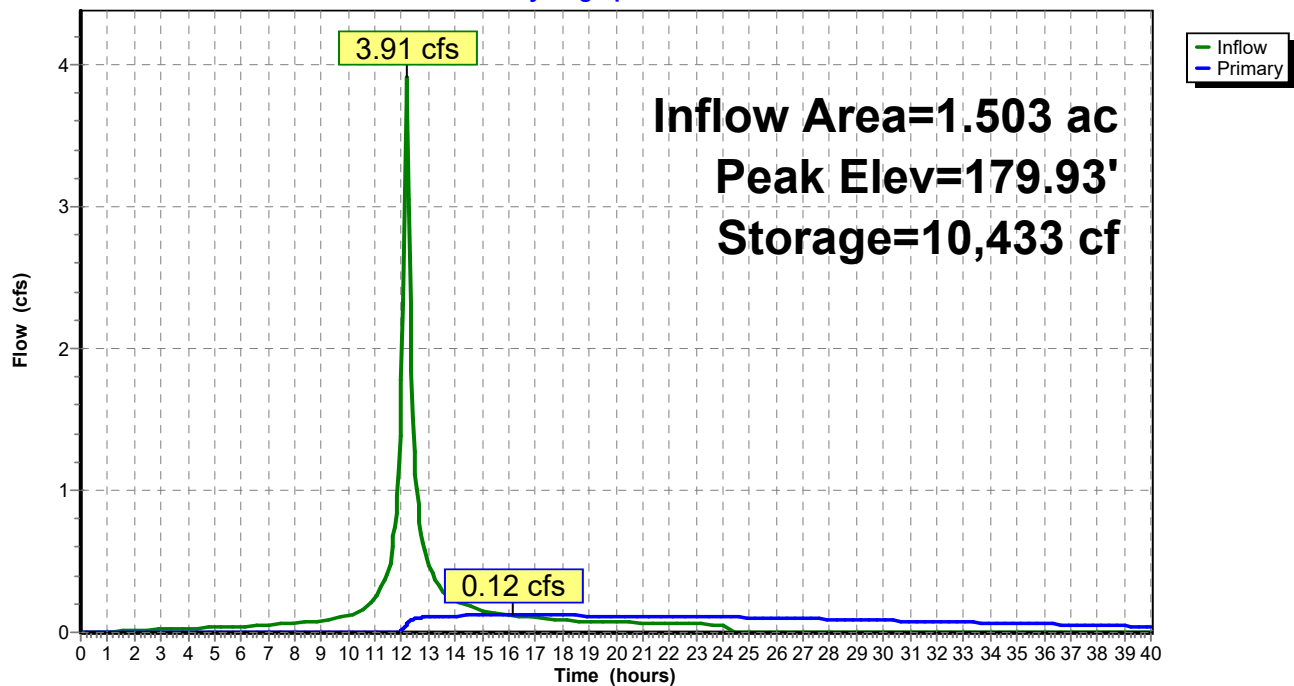
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	10,720	0	0
180.00	11,700	11,210	11,210
181.00	12,708	12,204	23,414
182.00	13,745	13,227	36,641

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0051 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.30'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.12 cfs @ 16.18 hrs HW=179.93' (Free Discharge)

1=Culvert (Passes 0.12 cfs of 7.13 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 3.50 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-9: Basin #9**Hydrograph**

Hydrograph for Pond B-9: Basin #9

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	0	179.00	0.00
1.10	0.00	0	179.00	0.00
1.20	0.00	0	179.00	0.00
1.30	0.00	1	179.00	0.00
1.40	0.00	2	179.00	0.00
1.50	0.01	4	179.00	0.00
1.60	0.01	6	179.00	0.00
1.70	0.01	8	179.00	0.00
1.80	0.01	11	179.00	0.00
1.90	0.01	14	179.00	0.00
2.00	0.01	18	179.00	0.00
2.10	0.01	22	179.00	0.00
2.20	0.01	27	179.00	0.00
2.30	0.01	32	179.00	0.00
2.40	0.02	37	179.00	0.00
2.50	0.02	42	179.00	0.00
2.60	0.02	48	179.00	0.00
2.70	0.02	54	179.01	0.00
2.80	0.02	61	179.01	0.00
2.90	0.02	68	179.01	0.00
3.00	0.02	75	179.01	0.00
3.10	0.02	83	179.01	0.00
3.20	0.02	90	179.01	0.00
3.30	0.02	98	179.01	0.00
3.40	0.02	107	179.01	0.00
3.50	0.02	115	179.01	0.00
3.60	0.03	124	179.01	0.00
3.70	0.03	133	179.01	0.00
3.80	0.03	143	179.01	0.00
3.90	0.03	152	179.01	0.00
4.00	0.03	162	179.02	0.00
4.10	0.03	172	179.02	0.00
4.20	0.03	183	179.02	0.00
4.30	0.03	193	179.02	0.00
4.40	0.03	204	179.02	0.00
4.50	0.03	215	179.02	0.00
4.60	0.03	227	179.02	0.00
4.70	0.03	238	179.02	0.00
4.80	0.03	250	179.02	0.00
4.90	0.03	262	179.02	0.00
5.00	0.03	274	179.03	0.00
5.10	0.03	286	179.03	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	299	179.03	0.00
5.30	0.04	311	179.03	0.00
5.40	0.04	324	179.03	0.00
5.50	0.04	338	179.03	0.00
5.60	0.04	351	179.03	0.00
5.70	0.04	364	179.03	0.00
5.80	0.04	378	179.04	0.00
5.90	0.04	392	179.04	0.00
6.00	0.04	406	179.04	0.00
6.10	0.04	420	179.04	0.00
6.20	0.04	435	179.04	0.00
6.30	0.04	450	179.04	0.00
6.40	0.04	466	179.04	0.00
6.50	0.04	482	179.04	0.00
6.60	0.05	498	179.05	0.00
6.70	0.05	515	179.05	0.00
6.80	0.05	532	179.05	0.00
6.90	0.05	550	179.05	0.00
7.00	0.05	568	179.05	0.00
7.10	0.05	587	179.05	0.00
7.20	0.05	606	179.06	0.00
7.30	0.06	626	179.06	0.00
7.40	0.06	646	179.06	0.00
7.50	0.06	666	179.06	0.00
7.60	0.06	687	179.06	0.00
7.70	0.06	709	179.07	0.00
7.80	0.06	731	179.07	0.00
7.90	0.06	753	179.07	0.00
8.00	0.06	776	179.07	0.00
8.10	0.07	800	179.07	0.00
8.20	0.07	824	179.08	0.00
8.30	0.07	848	179.08	0.00
8.40	0.07	873	179.08	0.00
8.50	0.07	898	179.08	0.00
8.60	0.07	924	179.09	0.00
8.70	0.07	951	179.09	0.00
8.80	0.08	977	179.09	0.00
8.90	0.08	1,005	179.09	0.00
9.00	0.08	1,032	179.10	0.00
9.10	0.08	1,061	179.10	0.00
9.20	0.08	1,090	179.10	0.00
9.30	0.09	1,121	179.10	0.00
9.40	0.09	1,154	179.11	0.00
9.50	0.10	1,188	179.11	0.00
9.60	0.10	1,223	179.11	0.00
9.70	0.11	1,261	179.12	0.00
9.80	0.11	1,300	179.12	0.00
9.90	0.12	1,340	179.12	0.00
10.00	0.12	1,383	179.13	0.00
10.10	0.12	1,427	179.13	0.00
10.20	0.13	1,472	179.14	0.00
10.30	0.14	1,520	179.14	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,570	179.15	0.00
10.50	0.15	1,622	179.15	0.00
10.60	0.16	1,677	179.16	0.00
10.70	0.17	1,736	179.16	0.00
10.80	0.19	1,802	179.17	0.00
10.90	0.21	1,875	179.17	0.00
11.00	0.24	1,956	179.18	0.00
11.10	0.26	2,045	179.19	0.00
11.20	0.30	2,146	179.20	0.00
11.30	0.34	2,260	179.21	0.00
11.40	0.38	2,389	179.22	0.00
11.50	0.42	2,533	179.23	0.00
11.60	0.51	2,698	179.25	0.00
11.70	0.68	2,915	179.27	0.00
11.80	0.84	3,186	179.29	0.00
11.90	1.15	3,539	179.33	0.00
12.00	1.77	4,049	179.37	0.01
12.10	3.07	4,894	179.45	0.03
12.20	3.79	6,183	179.56	0.07
12.30	2.32	7,254	179.66	0.08
12.40	1.51	7,899	179.71	0.09
12.50	1.11	8,329	179.75	0.10
12.60	0.91	8,658	179.78	0.10
12.70	0.69	8,904	179.80	0.10
12.80	0.59	9,095	179.82	0.11
12.90	0.53	9,259	179.83	0.11
13.00	0.48	9,403	179.84	0.11
13.10	0.43	9,529	179.86	0.11
13.20	0.39	9,636	179.86	0.11
13.30	0.36	9,729	179.87	0.11
13.40	0.33	9,812	179.88	0.11
13.50	0.30	9,884	179.89	0.11
13.60	0.27	9,946	179.89	0.11
13.70	0.25	9,998	179.90	0.12
13.80	0.24	10,045	179.90	0.12
13.90	0.23	10,088	179.90	0.12
14.00	0.22	10,128	179.91	0.12
14.10	0.22	10,165	179.91	0.12
14.20	0.21	10,200	179.91	0.12
14.30	0.20	10,232	179.92	0.12
14.40	0.20	10,261	179.92	0.12
14.50	0.19	10,288	179.92	0.12
14.60	0.18	10,312	179.92	0.12
14.70	0.17	10,333	179.92	0.12
14.80	0.17	10,352	179.93	0.12
14.90	0.16	10,368	179.93	0.12
15.00	0.15	10,381	179.93	0.12
15.10	0.15	10,392	179.93	0.12
15.20	0.14	10,400	179.93	0.12
15.30	0.14	10,407	179.93	0.12
15.40	0.13	10,412	179.93	0.12
15.50	0.13	10,417	179.93	0.12

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	10,422	179.93	0.12
15.70	0.13	10,425	179.93	0.12
15.80	0.13	10,428	179.93	0.12
15.90	0.12	10,430	179.93	0.12
16.00	0.12	10,432	179.93	0.12
16.10	0.12	10,433	179.93	0.12
16.20	0.12	10,433	179.93	0.12
16.30	0.12	10,432	179.93	0.12
16.40	0.11	10,431	179.93	0.12
16.50	0.11	10,429	179.93	0.12
16.60	0.11	10,427	179.93	0.12
16.70	0.11	10,423	179.93	0.12
16.80	0.11	10,420	179.93	0.12
16.90	0.11	10,415	179.93	0.12
17.00	0.10	10,410	179.93	0.12
17.10	0.10	10,404	179.93	0.12
17.20	0.10	10,397	179.93	0.12
17.30	0.10	10,390	179.93	0.12
17.40	0.10	10,382	179.93	0.12
17.50	0.09	10,373	179.93	0.12
17.60	0.09	10,364	179.93	0.12
17.70	0.09	10,354	179.93	0.12
17.80	0.09	10,343	179.93	0.12
17.90	0.09	10,332	179.92	0.12
18.00	0.08	10,320	179.92	0.12
18.10	0.08	10,307	179.92	0.12
18.20	0.08	10,294	179.92	0.12
18.30	0.08	10,281	179.92	0.12
18.40	0.08	10,267	179.92	0.12
18.50	0.08	10,253	179.92	0.12
18.60	0.08	10,239	179.92	0.12
18.70	0.08	10,225	179.92	0.12
18.80	0.08	10,210	179.91	0.12
18.90	0.08	10,196	179.91	0.12
19.00	0.08	10,182	179.91	0.12
19.10	0.08	10,167	179.91	0.12
19.20	0.08	10,152	179.91	0.12
19.30	0.08	10,137	179.91	0.12
19.40	0.07	10,122	179.91	0.12
19.50	0.07	10,107	179.91	0.12
19.60	0.07	10,092	179.90	0.12
19.70	0.07	10,077	179.90	0.12
19.80	0.07	10,061	179.90	0.12
19.90	0.07	10,046	179.90	0.12
20.00	0.07	10,030	179.90	0.12
20.10	0.07	10,014	179.90	0.12
20.20	0.07	9,998	179.90	0.12
20.30	0.07	9,982	179.89	0.11
20.40	0.07	9,966	179.89	0.11
20.50	0.07	9,950	179.89	0.11
20.60	0.07	9,933	179.89	0.11
20.70	0.07	9,917	179.89	0.11

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	9,901	179.89	0.11
20.90	0.07	9,884	179.89	0.11
21.00	0.07	9,867	179.88	0.11
21.10	0.07	9,850	179.88	0.11
21.20	0.07	9,833	179.88	0.11
21.30	0.07	9,816	179.88	0.11
21.40	0.07	9,799	179.88	0.11
21.50	0.06	9,781	179.88	0.11
21.60	0.06	9,764	179.88	0.11
21.70	0.06	9,746	179.87	0.11
21.80	0.06	9,728	179.87	0.11
21.90	0.06	9,711	179.87	0.11
22.00	0.06	9,693	179.87	0.11
22.10	0.06	9,675	179.87	0.11
22.20	0.06	9,657	179.87	0.11
22.30	0.06	9,638	179.86	0.11
22.40	0.06	9,620	179.86	0.11
22.50	0.06	9,602	179.86	0.11
22.60	0.06	9,583	179.86	0.11
22.70	0.06	9,564	179.86	0.11
22.80	0.06	9,546	179.86	0.11
22.90	0.06	9,527	179.86	0.11
23.00	0.06	9,508	179.85	0.11
23.10	0.06	9,489	179.85	0.11
23.20	0.06	9,470	179.85	0.11
23.30	0.06	9,450	179.85	0.11
23.40	0.06	9,431	179.85	0.11
23.50	0.05	9,411	179.85	0.11
23.60	0.05	9,392	179.84	0.11
23.70	0.05	9,372	179.84	0.11
23.80	0.05	9,352	179.84	0.11
23.90	0.05	9,332	179.84	0.11
24.00	0.06	9,313	179.84	0.11
24.10	0.05	9,293	179.84	0.11
24.20	0.01	9,265	179.83	0.11
24.30	0.00	9,229	179.83	0.11
24.40	0.00	9,191	179.83	0.11
24.50	0.00	9,153	179.82	0.11
24.60	0.00	9,115	179.82	0.11
24.70	0.00	9,077	179.82	0.11
24.80	0.00	9,039	179.81	0.10
24.90	0.00	9,001	179.81	0.10
25.00	0.00	8,964	179.81	0.10
25.10	0.00	8,926	179.80	0.10
25.20	0.00	8,889	179.80	0.10
25.30	0.00	8,852	179.80	0.10
25.40	0.00	8,815	179.79	0.10
25.50	0.00	8,778	179.79	0.10
25.60	0.00	8,742	179.79	0.10
25.70	0.00	8,705	179.78	0.10
25.80	0.00	8,669	179.78	0.10
25.90	0.00	8,633	179.78	0.10

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,597	179.77	0.10
26.10	0.00	8,561	179.77	0.10
26.20	0.00	8,525	179.77	0.10
26.30	0.00	8,489	179.77	0.10
26.40	0.00	8,454	179.76	0.10
26.50	0.00	8,419	179.76	0.10
26.60	0.00	8,384	179.76	0.10
26.70	0.00	8,349	179.75	0.10
26.80	0.00	8,314	179.75	0.10
26.90	0.00	8,279	179.75	0.10
27.00	0.00	8,245	179.74	0.10
27.10	0.00	8,210	179.74	0.10
27.20	0.00	8,176	179.74	0.09
27.30	0.00	8,142	179.73	0.09
27.40	0.00	8,108	179.73	0.09
27.50	0.00	8,074	179.73	0.09
27.60	0.00	8,041	179.73	0.09
27.70	0.00	8,007	179.72	0.09
27.80	0.00	7,974	179.72	0.09
27.90	0.00	7,941	179.72	0.09
28.00	0.00	7,908	179.71	0.09
28.10	0.00	7,875	179.71	0.09
28.20	0.00	7,843	179.71	0.09
28.30	0.00	7,810	179.71	0.09
28.40	0.00	7,778	179.70	0.09
28.50	0.00	7,745	179.70	0.09
28.60	0.00	7,713	179.70	0.09
28.70	0.00	7,681	179.69	0.09
28.80	0.00	7,650	179.69	0.09
28.90	0.00	7,618	179.69	0.09
29.00	0.00	7,587	179.69	0.09
29.10	0.00	7,555	179.68	0.09
29.20	0.00	7,524	179.68	0.09
29.30	0.00	7,493	179.68	0.09
29.40	0.00	7,462	179.68	0.09
29.50	0.00	7,432	179.67	0.09
29.60	0.00	7,401	179.67	0.08
29.70	0.00	7,371	179.67	0.08
29.80	0.00	7,341	179.66	0.08
29.90	0.00	7,311	179.66	0.08
30.00	0.00	7,281	179.66	0.08
30.10	0.00	7,251	179.66	0.08
30.20	0.00	7,221	179.65	0.08
30.30	0.00	7,192	179.65	0.08
30.40	0.00	7,163	179.65	0.08
30.50	0.00	7,133	179.65	0.08
30.60	0.00	7,104	179.64	0.08
30.70	0.00	7,076	179.64	0.08
30.80	0.00	7,047	179.64	0.08
30.90	0.00	7,018	179.64	0.08
31.00	0.00	6,990	179.63	0.08
31.10	0.00	6,962	179.63	0.08

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,934	179.63	0.08
31.30	0.00	6,906	179.63	0.08
31.40	0.00	6,878	179.62	0.08
31.50	0.00	6,850	179.62	0.08
31.60	0.00	6,823	179.62	0.08
31.70	0.00	6,796	179.62	0.08
31.80	0.00	6,768	179.61	0.08
31.90	0.00	6,742	179.61	0.07
32.00	0.00	6,715	179.61	0.07
32.10	0.00	6,688	179.61	0.07
32.20	0.00	6,661	179.60	0.07
32.30	0.00	6,635	179.60	0.07
32.40	0.00	6,609	179.60	0.07
32.50	0.00	6,583	179.60	0.07
32.60	0.00	6,557	179.60	0.07
32.70	0.00	6,531	179.59	0.07
32.80	0.00	6,506	179.59	0.07
32.90	0.00	6,480	179.59	0.07
33.00	0.00	6,455	179.59	0.07
33.10	0.00	6,430	179.58	0.07
33.20	0.00	6,405	179.58	0.07
33.30	0.00	6,380	179.58	0.07
33.40	0.00	6,355	179.58	0.07
33.50	0.00	6,331	179.58	0.07
33.60	0.00	6,306	179.57	0.07
33.70	0.00	6,282	179.57	0.07
33.80	0.00	6,258	179.57	0.07
33.90	0.00	6,234	179.57	0.07
34.00	0.00	6,210	179.56	0.07
34.10	0.00	6,187	179.56	0.07
34.20	0.00	6,163	179.56	0.06
34.30	0.00	6,140	179.56	0.06
34.40	0.00	6,117	179.56	0.06
34.50	0.00	6,094	179.55	0.06
34.60	0.00	6,071	179.55	0.06
34.70	0.00	6,049	179.55	0.06
34.80	0.00	6,026	179.55	0.06
34.90	0.00	6,004	179.55	0.06
35.00	0.00	5,982	179.54	0.06
35.10	0.00	5,960	179.54	0.06
35.20	0.00	5,938	179.54	0.06
35.30	0.00	5,916	179.54	0.06
35.40	0.00	5,894	179.54	0.06
35.50	0.00	5,873	179.53	0.06
35.60	0.00	5,852	179.53	0.06
35.70	0.00	5,831	179.53	0.06
35.80	0.00	5,810	179.53	0.06
35.90	0.00	5,789	179.53	0.06
36.00	0.00	5,768	179.53	0.06
36.10	0.00	5,748	179.52	0.06
36.20	0.00	5,728	179.52	0.06
36.30	0.00	5,707	179.52	0.06

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,687	179.52	0.06
36.50	0.00	5,668	179.52	0.05
36.60	0.00	5,648	179.51	0.05
36.70	0.00	5,628	179.51	0.05
36.80	0.00	5,609	179.51	0.05
36.90	0.00	5,590	179.51	0.05
37.00	0.00	5,571	179.51	0.05
37.10	0.00	5,552	179.51	0.05
37.20	0.00	5,533	179.50	0.05
37.30	0.00	5,514	179.50	0.05
37.40	0.00	5,496	179.50	0.05
37.50	0.00	5,478	179.50	0.05
37.60	0.00	5,459	179.50	0.05
37.70	0.00	5,441	179.50	0.05
37.80	0.00	5,424	179.49	0.05
37.90	0.00	5,406	179.49	0.05
38.00	0.00	5,389	179.49	0.05
38.10	0.00	5,371	179.49	0.05
38.20	0.00	5,354	179.49	0.05
38.30	0.00	5,337	179.49	0.05
38.40	0.00	5,320	179.49	0.05
38.50	0.00	5,303	179.48	0.05
38.60	0.00	5,287	179.48	0.05
38.70	0.00	5,270	179.48	0.05
38.80	0.00	5,254	179.48	0.05
38.90	0.00	5,238	179.48	0.04
39.00	0.00	5,222	179.48	0.04
39.10	0.00	5,206	179.48	0.04
39.20	0.00	5,190	179.47	0.04
39.30	0.00	5,175	179.47	0.04
39.40	0.00	5,160	179.47	0.04
39.50	0.00	5,145	179.47	0.04
39.60	0.00	5,130	179.47	0.04
39.70	0.00	5,115	179.47	0.04
39.80	0.00	5,101	179.47	0.04
39.90	0.00	5,086	179.46	0.04
40.00	0.00	5,072	179.46	0.04

Stage-Discharge for Pond B-9: Basin #9

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.06	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.07	180.09	0.14	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.08	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.19
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.15	180.71	0.19
179.16	0.00	179.68	0.09	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.10	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.16	180.82	0.20
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.11	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.01	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.12	180.42	0.17	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.02	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.21
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.03	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.04	179.98	0.12	180.50	0.17	181.02	0.25
179.47	0.04	179.99	0.13	180.51	0.17	181.03	0.28
179.48	0.05	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.18	181.07	0.45

Stage-Discharge for Pond B-9: Basin #9 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14
181.09	0.56	181.61	6.29
181.10	0.63	181.62	6.43
181.11	0.69	181.63	6.58
181.12	0.76	181.64	6.73
181.13	0.82	181.65	6.88
181.14	0.90	181.66	7.03
181.15	0.97	181.67	7.18
181.16	1.05	181.68	7.33
181.17	1.13	181.69	7.49
181.18	1.21	181.70	7.64
181.19	1.29	181.71	7.80
181.20	1.38	181.72	7.95
181.21	1.47	181.73	8.11
181.22	1.56	181.74	8.27
181.23	1.65	181.75	8.43
181.24	1.74	181.76	8.59
181.25	1.84	181.77	8.75
181.26	1.94	181.78	8.91
181.27	2.03	181.79	9.08
181.28	2.14	181.80	9.24
181.29	2.24	181.81	9.40
181.30	2.34	181.82	9.57
181.31	2.45	181.83	9.74
181.32	2.56	181.84	9.90
181.33	2.67	181.85	10.07
181.34	2.78	181.86	10.24
181.35	2.89	181.87	10.41
181.36	3.00	181.88	10.58
181.37	3.12	181.89	10.75
181.38	3.24	181.90	10.92
181.39	3.35	181.91	11.10
181.40	3.47	181.92	11.27
181.41	3.60	181.93	11.45
181.42	3.72	181.94	11.62
181.43	3.84	181.95	11.80
181.44	3.97	181.96	12.09
181.45	4.09	181.97	12.48
181.46	4.22	181.98	12.94
181.47	4.35	181.99	13.45
181.48	4.48	182.00	14.00
181.49	4.61		
181.50	4.75		
181.51	4.88		
181.52	5.02		
181.53	5.15		
181.54	5.29		
181.55	5.43		
181.56	5.57		
181.57	5.71		
181.58	5.85		
181.59	6.00		

Stage-Area-Storage for Pond B-9: Basin #9

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	10,720	0	179.52	11,230	5,707
179.01	10,730	107	179.53	11,239	5,819
179.02	10,740	215	179.54	11,249	5,932
179.03	10,749	322	179.55	11,259	6,044
179.04	10,759	430	179.56	11,269	6,157
179.05	10,769	537	179.57	11,279	6,270
179.06	10,779	645	179.58	11,288	6,382
179.07	10,789	753	179.59	11,298	6,495
179.08	10,798	861	179.60	11,308	6,608
179.09	10,808	969	179.61	11,318	6,722
179.10	10,818	1,077	179.62	11,328	6,835
179.11	10,828	1,185	179.63	11,337	6,948
179.12	10,838	1,293	179.64	11,347	7,062
179.13	10,847	1,402	179.65	11,357	7,175
179.14	10,857	1,510	179.66	11,367	7,289
179.15	10,867	1,619	179.67	11,377	7,402
179.16	10,877	1,728	179.68	11,386	7,516
179.17	10,887	1,837	179.69	11,396	7,630
179.18	10,896	1,945	179.70	11,406	7,744
179.19	10,906	2,054	179.71	11,416	7,858
179.20	10,916	2,164	179.72	11,426	7,972
179.21	10,926	2,273	179.73	11,435	8,087
179.22	10,936	2,382	179.74	11,445	8,201
179.23	10,945	2,492	179.75	11,455	8,316
179.24	10,955	2,601	179.76	11,465	8,430
179.25	10,965	2,711	179.77	11,475	8,545
179.26	10,975	2,820	179.78	11,484	8,660
179.27	10,985	2,930	179.79	11,494	8,775
179.28	10,994	3,040	179.80	11,504	8,890
179.29	11,004	3,150	179.81	11,514	9,005
179.30	11,014	3,260	179.82	11,524	9,120
179.31	11,024	3,370	179.83	11,533	9,235
179.32	11,034	3,481	179.84	11,543	9,351
179.33	11,043	3,591	179.85	11,553	9,466
179.34	11,053	3,701	179.86	11,563	9,582
179.35	11,063	3,812	179.87	11,573	9,697
179.36	11,073	3,923	179.88	11,582	9,813
179.37	11,083	4,033	179.89	11,592	9,929
179.38	11,092	4,144	179.90	11,602	10,045
179.39	11,102	4,255	179.91	11,612	10,161
179.40	11,112	4,366	179.92	11,622	10,277
179.41	11,122	4,478	179.93	11,631	10,393
179.42	11,132	4,589	179.94	11,641	10,510
179.43	11,141	4,700	179.95	11,651	10,626
179.44	11,151	4,812	179.96	11,661	10,743
179.45	11,161	4,923	179.97	11,671	10,859
179.46	11,171	5,035	179.98	11,680	10,976
179.47	11,181	5,147	179.99	11,690	11,093
179.48	11,190	5,258	180.00	11,700	11,210
179.49	11,200	5,370	180.01	11,710	11,327
179.50	11,210	5,483	180.02	11,720	11,444
179.51	11,220	5,595	180.03	11,730	11,561

Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	11,740	11,679	180.56	12,264	17,920
180.05	11,750	11,796	180.57	12,275	18,043
180.06	11,760	11,914	180.58	12,285	18,166
180.07	11,771	12,031	180.59	12,295	18,288
180.08	11,781	12,149	180.60	12,305	18,411
180.09	11,791	12,267	180.61	12,315	18,535
180.10	11,801	12,385	180.62	12,325	18,658
180.11	11,811	12,503	180.63	12,335	18,781
180.12	11,821	12,621	180.64	12,345	18,904
180.13	11,831	12,740	180.65	12,355	19,028
180.14	11,841	12,858	180.66	12,365	19,152
180.15	11,851	12,976	180.67	12,375	19,275
180.16	11,861	13,095	180.68	12,385	19,399
180.17	11,871	13,214	180.69	12,396	19,523
180.18	11,881	13,332	180.70	12,406	19,647
180.19	11,892	13,451	180.71	12,416	19,771
180.20	11,902	13,570	180.72	12,426	19,895
180.21	11,912	13,689	180.73	12,436	20,020
180.22	11,922	13,808	180.74	12,446	20,144
180.23	11,932	13,928	180.75	12,456	20,269
180.24	11,942	14,047	180.76	12,466	20,393
180.25	11,952	14,167	180.77	12,476	20,518
180.26	11,962	14,286	180.78	12,486	20,643
180.27	11,972	14,406	180.79	12,496	20,768
180.28	11,982	14,526	180.80	12,506	20,893
180.29	11,992	14,645	180.81	12,516	21,018
180.30	12,002	14,765	180.82	12,527	21,143
180.31	12,012	14,885	180.83	12,537	21,268
180.32	12,023	15,006	180.84	12,547	21,394
180.33	12,033	15,126	180.85	12,557	21,519
180.34	12,043	15,246	180.86	12,567	21,645
180.35	12,053	15,367	180.87	12,577	21,770
180.36	12,063	15,487	180.88	12,587	21,896
180.37	12,073	15,608	180.89	12,597	22,022
180.38	12,083	15,729	180.90	12,607	22,148
180.39	12,093	15,850	180.91	12,617	22,274
180.40	12,103	15,971	180.92	12,627	22,401
180.41	12,113	16,092	180.93	12,637	22,527
180.42	12,123	16,213	180.94	12,648	22,653
180.43	12,133	16,334	180.95	12,658	22,780
180.44	12,144	16,456	180.96	12,668	22,906
180.45	12,154	16,577	180.97	12,678	23,033
180.46	12,164	16,699	180.98	12,688	23,160
180.47	12,174	16,820	180.99	12,698	23,287
180.48	12,184	16,942	181.00	12,708	23,414
180.49	12,194	17,064	181.01	12,718	23,541
180.50	12,204	17,186	181.02	12,729	23,668
180.51	12,214	17,308	181.03	12,739	23,796
180.52	12,224	17,430	181.04	12,749	23,923
180.53	12,234	17,553	181.05	12,760	24,051
180.54	12,244	17,675	181.06	12,770	24,178
180.55	12,254	17,797	181.07	12,781	24,306

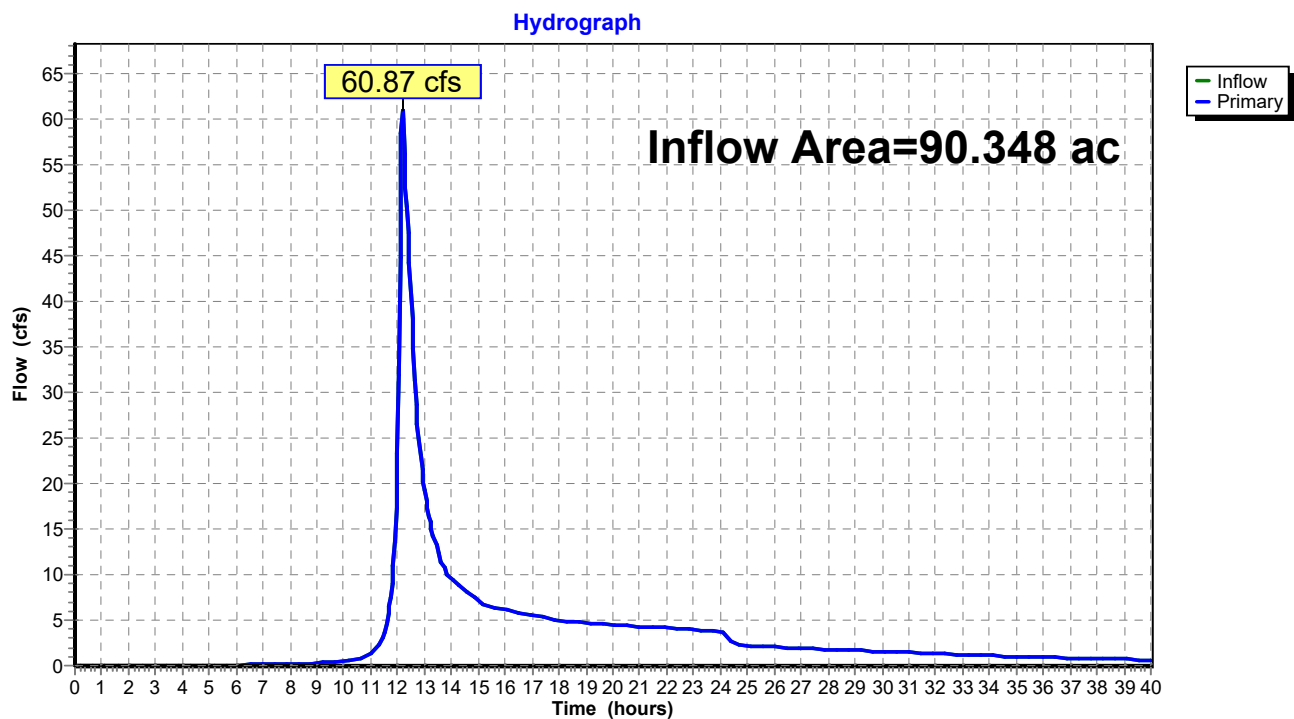
Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	12,791	24,434	181.60	13,330	31,225
181.09	12,801	24,562	181.61	13,341	31,359
181.10	12,812	24,690	181.62	13,351	31,492
181.11	12,822	24,818	181.63	13,361	31,626
181.12	12,832	24,946	181.64	13,372	31,759
181.13	12,843	25,075	181.65	13,382	31,893
181.14	12,853	25,203	181.66	13,392	32,027
181.15	12,864	25,332	181.67	13,403	32,161
181.16	12,874	25,461	181.68	13,413	32,295
181.17	12,884	25,589	181.69	13,424	32,429
181.18	12,895	25,718	181.70	13,434	32,564
181.19	12,905	25,847	181.71	13,444	32,698
181.20	12,915	25,976	181.72	13,455	32,833
181.21	12,926	26,106	181.73	13,465	32,967
181.22	12,936	26,235	181.74	13,475	33,102
181.23	12,947	26,364	181.75	13,486	33,237
181.24	12,957	26,494	181.76	13,496	33,372
181.25	12,967	26,623	181.77	13,506	33,507
181.26	12,978	26,753	181.78	13,517	33,642
181.27	12,988	26,883	181.79	13,527	33,777
181.28	12,998	27,013	181.80	13,538	33,912
181.29	13,009	27,143	181.81	13,548	34,048
181.30	13,019	27,273	181.82	13,558	34,183
181.31	13,029	27,403	181.83	13,569	34,319
181.32	13,040	27,534	181.84	13,579	34,455
181.33	13,050	27,664	181.85	13,589	34,590
181.34	13,061	27,795	181.86	13,600	34,726
181.35	13,071	27,925	181.87	13,610	34,862
181.36	13,081	28,056	181.88	13,621	34,999
181.37	13,092	28,187	181.89	13,631	35,135
181.38	13,102	28,318	181.90	13,641	35,271
181.39	13,112	28,449	181.91	13,652	35,408
181.40	13,123	28,580	181.92	13,662	35,544
181.41	13,133	28,711	181.93	13,672	35,681
181.42	13,144	28,843	181.94	13,683	35,818
181.43	13,154	28,974	181.95	13,693	35,955
181.44	13,164	29,106	181.96	13,704	36,092
181.45	13,175	29,238	181.97	13,714	36,229
181.46	13,185	29,369	181.98	13,724	36,366
181.47	13,195	29,501	181.99	13,735	36,503
181.48	13,206	29,633	182.00	13,745	36,641
181.49	13,216	29,765			
181.50	13,227	29,898			
181.51	13,237	30,030			
181.52	13,247	30,162			
181.53	13,258	30,295			
181.54	13,268	30,428			
181.55	13,278	30,560			
181.56	13,289	30,693			
181.57	13,299	30,826			
181.58	13,309	30,959			
181.59	13,320	31,092			

Summary for Link PDA-1: Proposed Drainage Area #1

Inflow Area = 90.348 ac, 19.60% Impervious, Inflow Depth > 1.45" for Future 2 yr event
Inflow = 60.87 cfs @ 12.19 hrs, Volume= 10.949 af
Primary = 60.87 cfs @ 12.19 hrs, Volume= 10.949 af, Atten= 0%, Lag= 0.0 min

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

Link PDA-1: Proposed Drainage Area #1

Hydrograph for Link PDA-1: Proposed Drainage Area #1

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

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.04	0.00	0.04	7.80	0.18	0.00	0.18
5.25	0.05	0.00	0.05	7.85	0.18	0.00	0.18
5.30	0.05	0.00	0.05	7.90	0.18	0.00	0.18
5.35	0.05	0.00	0.05	7.95	0.19	0.00	0.19
5.40	0.05	0.00	0.05	8.00	0.19	0.00	0.19
5.45	0.05	0.00	0.05	8.05	0.19	0.00	0.19
5.50	0.05	0.00	0.05	8.10	0.20	0.00	0.20
5.55	0.06	0.00	0.06	8.15	0.20	0.00	0.20
5.60	0.06	0.00	0.06	8.20	0.21	0.00	0.21
5.65	0.06	0.00	0.06	8.25	0.21	0.00	0.21
5.70	0.06	0.00	0.06	8.30	0.21	0.00	0.21
5.75	0.06	0.00	0.06	8.35	0.22	0.00	0.22
5.80	0.06	0.00	0.06	8.40	0.22	0.00	0.22
5.85	0.07	0.00	0.07	8.45	0.22	0.00	0.22
5.90	0.07	0.00	0.07	8.50	0.23	0.00	0.23
5.95	0.07	0.00	0.07	8.55	0.23	0.00	0.23
6.00	0.07	0.00	0.07	8.60	0.24	0.00	0.24
6.05	0.07	0.00	0.07	8.65	0.24	0.00	0.24
6.10	0.07	0.00	0.07	8.70	0.24	0.00	0.24
6.15	0.08	0.00	0.08	8.75	0.25	0.00	0.25
6.20	0.08	0.00	0.08	8.80	0.25	0.00	0.25
6.25	0.08	0.00	0.08	8.85	0.26	0.00	0.26
6.30	0.08	0.00	0.08	8.90	0.26	0.00	0.26
6.35	0.09	0.00	0.09	8.95	0.26	0.00	0.26
6.40	0.09	0.00	0.09	9.00	0.27	0.00	0.27
6.45	0.09	0.00	0.09	9.05	0.27	0.00	0.27
6.50	0.09	0.00	0.09	9.10	0.28	0.00	0.28
6.55	0.10	0.00	0.10	9.15	0.29	0.00	0.29
6.60	0.10	0.00	0.10	9.20	0.30	0.00	0.30
6.65	0.10	0.00	0.10	9.25	0.31	0.00	0.31
6.70	0.11	0.00	0.11	9.30	0.32	0.00	0.32
6.75	0.11	0.00	0.11	9.35	0.33	0.00	0.33
6.80	0.11	0.00	0.11	9.40	0.34	0.00	0.34
6.85	0.11	0.00	0.11	9.45	0.35	0.00	0.35
6.90	0.12	0.00	0.12	9.50	0.36	0.00	0.36
6.95	0.12	0.00	0.12	9.55	0.37	0.00	0.37
7.00	0.12	0.00	0.12	9.60	0.38	0.00	0.38
7.05	0.13	0.00	0.13	9.65	0.39	0.00	0.39
7.10	0.13	0.00	0.13	9.70	0.41	0.00	0.41
7.15	0.13	0.00	0.13	9.75	0.42	0.00	0.42
7.20	0.14	0.00	0.14	9.80	0.43	0.00	0.43
7.25	0.14	0.00	0.14	9.85	0.44	0.00	0.44
7.30	0.14	0.00	0.14	9.90	0.45	0.00	0.45
7.35	0.15	0.00	0.15	9.95	0.46	0.00	0.46
7.40	0.15	0.00	0.15	10.00	0.48	0.00	0.48
7.45	0.15	0.00	0.15	10.05	0.49	0.00	0.49
7.50	0.16	0.00	0.16	10.10	0.50	0.00	0.50
7.55	0.16	0.00	0.16	10.15	0.51	0.00	0.51
7.60	0.16	0.00	0.16	10.20	0.53	0.00	0.53
7.65	0.17	0.00	0.17	10.25	0.55	0.00	0.55
7.70	0.17	0.00	0.17	10.30	0.56	0.00	0.56
7.75	0.17	0.00	0.17	10.35	0.59	0.00	0.59

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.61	0.00	0.61	13.00	19.12	0.00	19.12
10.45	0.64	0.00	0.64	13.05	18.13	0.00	18.13
10.50	0.67	0.00	0.67	13.10	17.23	0.00	17.23
10.55	0.71	0.00	0.71	13.15	16.41	0.00	16.41
10.60	0.76	0.00	0.76	13.20	15.70	0.00	15.70
10.65	0.82	0.00	0.82	13.25	15.06	0.00	15.06
10.70	0.88	0.00	0.88	13.30	14.47	0.00	14.47
10.75	0.95	0.00	0.95	13.35	13.92	0.00	13.92
10.80	1.03	0.00	1.03	13.40	13.40	0.00	13.40
10.85	1.11	0.00	1.11	13.45	12.92	0.00	12.92
10.90	1.19	0.00	1.19	13.50	12.46	0.00	12.46
10.95	1.28	0.00	1.28	13.55	12.02	0.00	12.02
11.00	1.38	0.00	1.38	13.60	11.59	0.00	11.59
11.05	1.48	0.00	1.48	13.65	11.18	0.00	11.18
11.10	1.61	0.00	1.61	13.70	10.84	0.00	10.84
11.15	1.75	0.00	1.75	13.75	10.55	0.00	10.55
11.20	1.91	0.00	1.91	13.80	10.29	0.00	10.29
11.25	2.08	0.00	2.08	13.85	10.06	0.00	10.06
11.30	2.30	0.00	2.30	13.90	9.86	0.00	9.86
11.35	2.55	0.00	2.55	13.95	9.69	0.00	9.69
11.40	2.85	0.00	2.85	14.00	9.53	0.00	9.53
11.45	3.17	0.00	3.17	14.05	9.38	0.00	9.38
11.50	3.52	0.00	3.52	14.10	9.25	0.00	9.25
11.55	3.94	0.00	3.94	14.15	9.12	0.00	9.12
11.60	4.70	0.00	4.70	14.20	9.00	0.00	9.00
11.65	5.67	0.00	5.67	14.25	8.88	0.00	8.88
11.70	6.59	0.00	6.59	14.30	8.76	0.00	8.76
11.75	7.58	0.00	7.58	14.35	8.65	0.00	8.65
11.80	9.04	0.00	9.04	14.40	8.53	0.00	8.53
11.85	10.98	0.00	10.98	14.45	8.42	0.00	8.42
11.90	13.65	0.00	13.65	14.50	8.31	0.00	8.31
11.95	17.31	0.00	17.31	14.55	8.20	0.00	8.20
12.00	23.31	0.00	23.31	14.60	8.09	0.00	8.09
12.05	31.83	0.00	31.83	14.65	7.98	0.00	7.98
12.10	44.75	0.00	44.75	14.70	7.87	0.00	7.87
12.15	58.29	0.00	58.29	14.75	7.76	0.00	7.76
12.20	60.79	0.00	60.79	14.80	7.65	0.00	7.65
12.25	56.11	0.00	56.11	14.85	7.54	0.00	7.54
12.30	52.52	0.00	52.52	14.90	7.43	0.00	7.43
12.35	50.28	0.00	50.28	14.95	7.32	0.00	7.32
12.40	47.49	0.00	47.49	15.00	7.21	0.00	7.21
12.45	44.12	0.00	44.12	15.05	7.09	0.00	7.09
12.50	40.95	0.00	40.95	15.10	6.98	0.00	6.98
12.55	38.03	0.00	38.03	15.15	6.88	0.00	6.88
12.60	34.67	0.00	34.67	15.20	6.78	0.00	6.78
12.65	31.34	0.00	31.34	15.25	6.70	0.00	6.70
12.70	28.66	0.00	28.66	15.30	6.63	0.00	6.63
12.75	26.50	0.00	26.50	15.35	6.56	0.00	6.56
12.80	24.62	0.00	24.62	15.40	6.51	0.00	6.51
12.85	22.98	0.00	22.98	15.45	6.46	0.00	6.46
12.90	21.53	0.00	21.53	15.50	6.41	0.00	6.41
12.95	20.25	0.00	20.25	15.55	6.37	0.00	6.37

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	6.33	0.00	6.33	18.20	4.86	0.00	4.86
15.65	6.30	0.00	6.30	18.25	4.84	0.00	4.84
15.70	6.27	0.00	6.27	18.30	4.82	0.00	4.82
15.75	6.24	0.00	6.24	18.35	4.80	0.00	4.80
15.80	6.21	0.00	6.21	18.40	4.79	0.00	4.79
15.85	6.18	0.00	6.18	18.45	4.77	0.00	4.77
15.90	6.15	0.00	6.15	18.50	4.76	0.00	4.76
15.95	6.13	0.00	6.13	18.55	4.75	0.00	4.75
16.00	6.10	0.00	6.10	18.60	4.74	0.00	4.74
16.05	6.07	0.00	6.07	18.65	4.73	0.00	4.73
16.10	6.04	0.00	6.04	18.70	4.72	0.00	4.72
16.15	6.02	0.00	6.02	18.75	4.71	0.00	4.71
16.20	5.99	0.00	5.99	18.80	4.70	0.00	4.70
16.25	5.96	0.00	5.96	18.85	4.69	0.00	4.69
16.30	5.93	0.00	5.93	18.90	4.68	0.00	4.68
16.35	5.90	0.00	5.90	18.95	4.67	0.00	4.67
16.40	5.88	0.00	5.88	19.00	4.66	0.00	4.66
16.45	5.85	0.00	5.85	19.05	4.66	0.00	4.66
16.50	5.82	0.00	5.82	19.10	4.65	0.00	4.65
16.55	5.79	0.00	5.79	19.15	4.64	0.00	4.64
16.60	5.76	0.00	5.76	19.20	4.63	0.00	4.63
16.65	5.73	0.00	5.73	19.25	4.62	0.00	4.62
16.70	5.71	0.00	5.71	19.30	4.61	0.00	4.61
16.75	5.68	0.00	5.68	19.35	4.61	0.00	4.61
16.80	5.65	0.00	5.65	19.40	4.60	0.00	4.60
16.85	5.62	0.00	5.62	19.45	4.59	0.00	4.59
16.90	5.60	0.00	5.60	19.50	4.58	0.00	4.58
16.95	5.57	0.00	5.57	19.55	4.57	0.00	4.57
17.00	5.54	0.00	5.54	19.60	4.56	0.00	4.56
17.05	5.52	0.00	5.52	19.65	4.55	0.00	4.55
17.10	5.49	0.00	5.49	19.70	4.55	0.00	4.55
17.15	5.46	0.00	5.46	19.75	4.54	0.00	4.54
17.20	5.43	0.00	5.43	19.80	4.53	0.00	4.53
17.25	5.40	0.00	5.40	19.85	4.52	0.00	4.52
17.30	5.37	0.00	5.37	19.90	4.52	0.00	4.52
17.35	5.34	0.00	5.34	19.95	4.51	0.00	4.51
17.40	5.32	0.00	5.32	20.00	4.50	0.00	4.50
17.45	5.29	0.00	5.29	20.05	4.49	0.00	4.49
17.50	5.26	0.00	5.26	20.10	4.48	0.00	4.48
17.55	5.23	0.00	5.23	20.15	4.47	0.00	4.47
17.60	5.20	0.00	5.20	20.20	4.46	0.00	4.46
17.65	5.17	0.00	5.17	20.25	4.45	0.00	4.45
17.70	5.14	0.00	5.14	20.30	4.44	0.00	4.44
17.75	5.12	0.00	5.12	20.35	4.43	0.00	4.43
17.80	5.09	0.00	5.09	20.40	4.42	0.00	4.42
17.85	5.06	0.00	5.06	20.45	4.42	0.00	4.42
17.90	5.03	0.00	5.03	20.50	4.41	0.00	4.41
17.95	5.00	0.00	5.00	20.55	4.40	0.00	4.40
18.00	4.97	0.00	4.97	20.60	4.39	0.00	4.39
18.05	4.94	0.00	4.94	20.65	4.38	0.00	4.38
18.10	4.91	0.00	4.91	20.70	4.38	0.00	4.38
18.15	4.88	0.00	4.88	20.75	4.37	0.00	4.37

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	4.36	0.00	4.36	23.40	3.88	0.00	3.88
20.85	4.35	0.00	4.35	23.45	3.87	0.00	3.87
20.90	4.34	0.00	4.34	23.50	3.86	0.00	3.86
20.95	4.33	0.00	4.33	23.55	3.85	0.00	3.85
21.00	4.32	0.00	4.32	23.60	3.84	0.00	3.84
21.05	4.31	0.00	4.31	23.65	3.83	0.00	3.83
21.10	4.30	0.00	4.30	23.70	3.83	0.00	3.83
21.15	4.29	0.00	4.29	23.75	3.82	0.00	3.82
21.20	4.28	0.00	4.28	23.80	3.81	0.00	3.81
21.25	4.27	0.00	4.27	23.85	3.80	0.00	3.80
21.30	4.27	0.00	4.27	23.90	3.79	0.00	3.79
21.35	4.26	0.00	4.26	23.95	3.79	0.00	3.79
21.40	4.25	0.00	4.25	24.00	3.83	0.00	3.83
21.45	4.24	0.00	4.24	24.05	3.84	0.00	3.84
21.50	4.23	0.00	4.23	24.10	3.62	0.00	3.62
21.55	4.22	0.00	4.22	24.15	3.29	0.00	3.29
21.60	4.21	0.00	4.21	24.20	3.06	0.00	3.06
21.65	4.20	0.00	4.20	24.25	2.89	0.00	2.89
21.70	4.19	0.00	4.19	24.30	2.76	0.00	2.76
21.75	4.18	0.00	4.18	24.35	2.63	0.00	2.63
21.80	4.17	0.00	4.17	24.40	2.53	0.00	2.53
21.85	4.17	0.00	4.17	24.45	2.44	0.00	2.44
21.90	4.16	0.00	4.16	24.50	2.37	0.00	2.37
21.95	4.15	0.00	4.15	24.55	2.32	0.00	2.32
22.00	4.14	0.00	4.14	24.60	2.28	0.00	2.28
22.05	4.13	0.00	4.13	24.65	2.25	0.00	2.25
22.10	4.12	0.00	4.12	24.70	2.23	0.00	2.23
22.15	4.11	0.00	4.11	24.75	2.21	0.00	2.21
22.20	4.10	0.00	4.10	24.80	2.20	0.00	2.20
22.25	4.10	0.00	4.10	24.85	2.18	0.00	2.18
22.30	4.09	0.00	4.09	24.90	2.17	0.00	2.17
22.35	4.08	0.00	4.08	24.95	2.16	0.00	2.16
22.40	4.07	0.00	4.07	25.00	2.15	0.00	2.15
22.45	4.06	0.00	4.06	25.05	2.15	0.00	2.15
22.50	4.05	0.00	4.05	25.10	2.14	0.00	2.14
22.55	4.04	0.00	4.04	25.15	2.13	0.00	2.13
22.60	4.03	0.00	4.03	25.20	2.12	0.00	2.12
22.65	4.02	0.00	4.02	25.25	2.12	0.00	2.12
22.70	4.01	0.00	4.01	25.30	2.11	0.00	2.11
22.75	4.00	0.00	4.00	25.35	2.11	0.00	2.11
22.80	3.99	0.00	3.99	25.40	2.10	0.00	2.10
22.85	3.98	0.00	3.98	25.45	2.09	0.00	2.09
22.90	3.97	0.00	3.97	25.50	2.09	0.00	2.09
22.95	3.96	0.00	3.96	25.55	2.08	0.00	2.08
23.00	3.96	0.00	3.96	25.60	2.08	0.00	2.08
23.05	3.95	0.00	3.95	25.65	2.07	0.00	2.07
23.10	3.94	0.00	3.94	25.70	2.07	0.00	2.07
23.15	3.93	0.00	3.93	25.75	2.06	0.00	2.06
23.20	3.92	0.00	3.92	25.80	2.05	0.00	2.05
23.25	3.91	0.00	3.91	25.85	2.05	0.00	2.05
23.30	3.90	0.00	3.90	25.90	2.04	0.00	2.04
23.35	3.89	0.00	3.89	25.95	2.04	0.00	2.04

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	2.03	0.00	2.03	28.60	1.73	0.00	1.73
26.05	2.03	0.00	2.03	28.65	1.73	0.00	1.73
26.10	2.02	0.00	2.02	28.70	1.72	0.00	1.72
26.15	2.01	0.00	2.01	28.75	1.71	0.00	1.71
26.20	2.01	0.00	2.01	28.80	1.71	0.00	1.71
26.25	2.00	0.00	2.00	28.85	1.70	0.00	1.70
26.30	2.00	0.00	2.00	28.90	1.70	0.00	1.70
26.35	1.99	0.00	1.99	28.95	1.69	0.00	1.69
26.40	1.99	0.00	1.99	29.00	1.68	0.00	1.68
26.45	1.98	0.00	1.98	29.05	1.68	0.00	1.68
26.50	1.97	0.00	1.97	29.10	1.67	0.00	1.67
26.55	1.97	0.00	1.97	29.15	1.67	0.00	1.67
26.60	1.96	0.00	1.96	29.20	1.66	0.00	1.66
26.65	1.96	0.00	1.96	29.25	1.65	0.00	1.65
26.70	1.95	0.00	1.95	29.30	1.65	0.00	1.65
26.75	1.95	0.00	1.95	29.35	1.64	0.00	1.64
26.80	1.94	0.00	1.94	29.40	1.64	0.00	1.64
26.85	1.93	0.00	1.93	29.45	1.63	0.00	1.63
26.90	1.93	0.00	1.93	29.50	1.63	0.00	1.63
26.95	1.92	0.00	1.92	29.55	1.62	0.00	1.62
27.00	1.92	0.00	1.92	29.60	1.61	0.00	1.61
27.05	1.91	0.00	1.91	29.65	1.61	0.00	1.61
27.10	1.91	0.00	1.91	29.70	1.60	0.00	1.60
27.15	1.90	0.00	1.90	29.75	1.60	0.00	1.60
27.20	1.89	0.00	1.89	29.80	1.59	0.00	1.59
27.25	1.89	0.00	1.89	29.85	1.58	0.00	1.58
27.30	1.88	0.00	1.88	29.90	1.58	0.00	1.58
27.35	1.88	0.00	1.88	29.95	1.57	0.00	1.57
27.40	1.87	0.00	1.87	30.00	1.57	0.00	1.57
27.45	1.87	0.00	1.87	30.05	1.56	0.00	1.56
27.50	1.86	0.00	1.86	30.10	1.55	0.00	1.55
27.55	1.85	0.00	1.85	30.15	1.55	0.00	1.55
27.60	1.85	0.00	1.85	30.20	1.54	0.00	1.54
27.65	1.84	0.00	1.84	30.25	1.54	0.00	1.54
27.70	1.84	0.00	1.84	30.30	1.53	0.00	1.53
27.75	1.83	0.00	1.83	30.35	1.52	0.00	1.52
27.80	1.83	0.00	1.83	30.40	1.52	0.00	1.52
27.85	1.82	0.00	1.82	30.45	1.51	0.00	1.51
27.90	1.81	0.00	1.81	30.50	1.51	0.00	1.51
27.95	1.81	0.00	1.81	30.55	1.50	0.00	1.50
28.00	1.80	0.00	1.80	30.60	1.49	0.00	1.49
28.05	1.80	0.00	1.80	30.65	1.49	0.00	1.49
28.10	1.79	0.00	1.79	30.70	1.48	0.00	1.48
28.15	1.78	0.00	1.78	30.75	1.48	0.00	1.48
28.20	1.78	0.00	1.78	30.80	1.47	0.00	1.47
28.25	1.77	0.00	1.77	30.85	1.46	0.00	1.46
28.30	1.77	0.00	1.77	30.90	1.46	0.00	1.46
28.35	1.76	0.00	1.76	30.95	1.45	0.00	1.45
28.40	1.75	0.00	1.75	31.00	1.45	0.00	1.45
28.45	1.75	0.00	1.75	31.05	1.44	0.00	1.44
28.50	1.74	0.00	1.74	31.10	1.44	0.00	1.44
28.55	1.74	0.00	1.74	31.15	1.43	0.00	1.43

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	1.42	0.00	1.42	33.80	1.13	0.00	1.13
31.25	1.42	0.00	1.42	33.85	1.12	0.00	1.12
31.30	1.41	0.00	1.41	33.90	1.12	0.00	1.12
31.35	1.41	0.00	1.41	33.95	1.11	0.00	1.11
31.40	1.40	0.00	1.40	34.00	1.11	0.00	1.11
31.45	1.39	0.00	1.39	34.05	1.10	0.00	1.10
31.50	1.39	0.00	1.39	34.10	1.10	0.00	1.10
31.55	1.38	0.00	1.38	34.15	1.09	0.00	1.09
31.60	1.38	0.00	1.38	34.20	1.09	0.00	1.09
31.65	1.37	0.00	1.37	34.25	1.08	0.00	1.08
31.70	1.36	0.00	1.36	34.30	1.08	0.00	1.08
31.75	1.36	0.00	1.36	34.35	1.08	0.00	1.08
31.80	1.35	0.00	1.35	34.40	1.07	0.00	1.07
31.85	1.35	0.00	1.35	34.45	1.07	0.00	1.07
31.90	1.34	0.00	1.34	34.50	1.06	0.00	1.06
31.95	1.34	0.00	1.34	34.55	1.06	0.00	1.06
32.00	1.33	0.00	1.33	34.60	1.05	0.00	1.05
32.05	1.32	0.00	1.32	34.65	1.05	0.00	1.05
32.10	1.32	0.00	1.32	34.70	1.04	0.00	1.04
32.15	1.31	0.00	1.31	34.75	1.04	0.00	1.04
32.20	1.31	0.00	1.31	34.80	1.03	0.00	1.03
32.25	1.30	0.00	1.30	34.85	1.03	0.00	1.03
32.30	1.29	0.00	1.29	34.90	1.02	0.00	1.02
32.35	1.29	0.00	1.29	34.95	1.02	0.00	1.02
32.40	1.28	0.00	1.28	35.00	1.01	0.00	1.01
32.45	1.28	0.00	1.28	35.05	1.01	0.00	1.01
32.50	1.27	0.00	1.27	35.10	1.01	0.00	1.01
32.55	1.27	0.00	1.27	35.15	1.00	0.00	1.00
32.60	1.26	0.00	1.26	35.20	1.00	0.00	1.00
32.65	1.25	0.00	1.25	35.25	0.99	0.00	0.99
32.70	1.25	0.00	1.25	35.30	0.99	0.00	0.99
32.75	1.24	0.00	1.24	35.35	0.98	0.00	0.98
32.80	1.24	0.00	1.24	35.40	0.98	0.00	0.98
32.85	1.23	0.00	1.23	35.45	0.97	0.00	0.97
32.90	1.23	0.00	1.23	35.50	0.97	0.00	0.97
32.95	1.22	0.00	1.22	35.55	0.97	0.00	0.97
33.00	1.21	0.00	1.21	35.60	0.96	0.00	0.96
33.05	1.21	0.00	1.21	35.65	0.96	0.00	0.96
33.10	1.20	0.00	1.20	35.70	0.95	0.00	0.95
33.15	1.20	0.00	1.20	35.75	0.95	0.00	0.95
33.20	1.19	0.00	1.19	35.80	0.94	0.00	0.94
33.25	1.19	0.00	1.19	35.85	0.94	0.00	0.94
33.30	1.18	0.00	1.18	35.90	0.93	0.00	0.93
33.35	1.18	0.00	1.18	35.95	0.93	0.00	0.93
33.40	1.17	0.00	1.17	36.00	0.93	0.00	0.93
33.45	1.17	0.00	1.17	36.05	0.92	0.00	0.92
33.50	1.16	0.00	1.16	36.10	0.92	0.00	0.92
33.55	1.16	0.00	1.16	36.15	0.91	0.00	0.91
33.60	1.15	0.00	1.15	36.20	0.91	0.00	0.91
33.65	1.15	0.00	1.15	36.25	0.91	0.00	0.91
33.70	1.14	0.00	1.14	36.30	0.90	0.00	0.90
33.75	1.13	0.00	1.13	36.35	0.90	0.00	0.90

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.89	0.00	0.89	39.00	0.70	0.00	0.70
36.45	0.89	0.00	0.89	39.05	0.70	0.00	0.70
36.50	0.89	0.00	0.89	39.10	0.70	0.00	0.70
36.55	0.88	0.00	0.88	39.15	0.69	0.00	0.69
36.60	0.88	0.00	0.88	39.20	0.69	0.00	0.69
36.65	0.87	0.00	0.87	39.25	0.69	0.00	0.69
36.70	0.87	0.00	0.87	39.30	0.68	0.00	0.68
36.75	0.87	0.00	0.87	39.35	0.68	0.00	0.68
36.80	0.86	0.00	0.86	39.40	0.68	0.00	0.68
36.85	0.86	0.00	0.86	39.45	0.67	0.00	0.67
36.90	0.85	0.00	0.85	39.50	0.67	0.00	0.67
36.95	0.85	0.00	0.85	39.55	0.67	0.00	0.67
37.00	0.85	0.00	0.85	39.60	0.67	0.00	0.67
37.05	0.84	0.00	0.84	39.65	0.66	0.00	0.66
37.10	0.84	0.00	0.84	39.70	0.66	0.00	0.66
37.15	0.83	0.00	0.83	39.75	0.66	0.00	0.66
37.20	0.83	0.00	0.83	39.80	0.65	0.00	0.65
37.25	0.83	0.00	0.83	39.85	0.65	0.00	0.65
37.30	0.82	0.00	0.82	39.90	0.65	0.00	0.65
37.35	0.82	0.00	0.82	39.95	0.64	0.00	0.64
37.40	0.82	0.00	0.82	40.00	0.64	0.00	0.64
37.45	0.81	0.00	0.81				
37.50	0.81	0.00	0.81				
37.55	0.80	0.00	0.80				
37.60	0.80	0.00	0.80				
37.65	0.80	0.00	0.80				
37.70	0.79	0.00	0.79				
37.75	0.79	0.00	0.79				
37.80	0.79	0.00	0.79				
37.85	0.78	0.00	0.78				
37.90	0.78	0.00	0.78				
37.95	0.78	0.00	0.78				
38.00	0.77	0.00	0.77				
38.05	0.77	0.00	0.77				
38.10	0.77	0.00	0.77				
38.15	0.76	0.00	0.76				
38.20	0.76	0.00	0.76				
38.25	0.75	0.00	0.75				
38.30	0.75	0.00	0.75				
38.35	0.75	0.00	0.75				
38.40	0.74	0.00	0.74				
38.45	0.74	0.00	0.74				
38.50	0.74	0.00	0.74				
38.55	0.73	0.00	0.73				
38.60	0.73	0.00	0.73				
38.65	0.73	0.00	0.73				
38.70	0.72	0.00	0.72				
38.75	0.72	0.00	0.72				
38.80	0.72	0.00	0.72				
38.85	0.71	0.00	0.71				
38.90	0.71	0.00	0.71				
38.95	0.71	0.00	0.71				

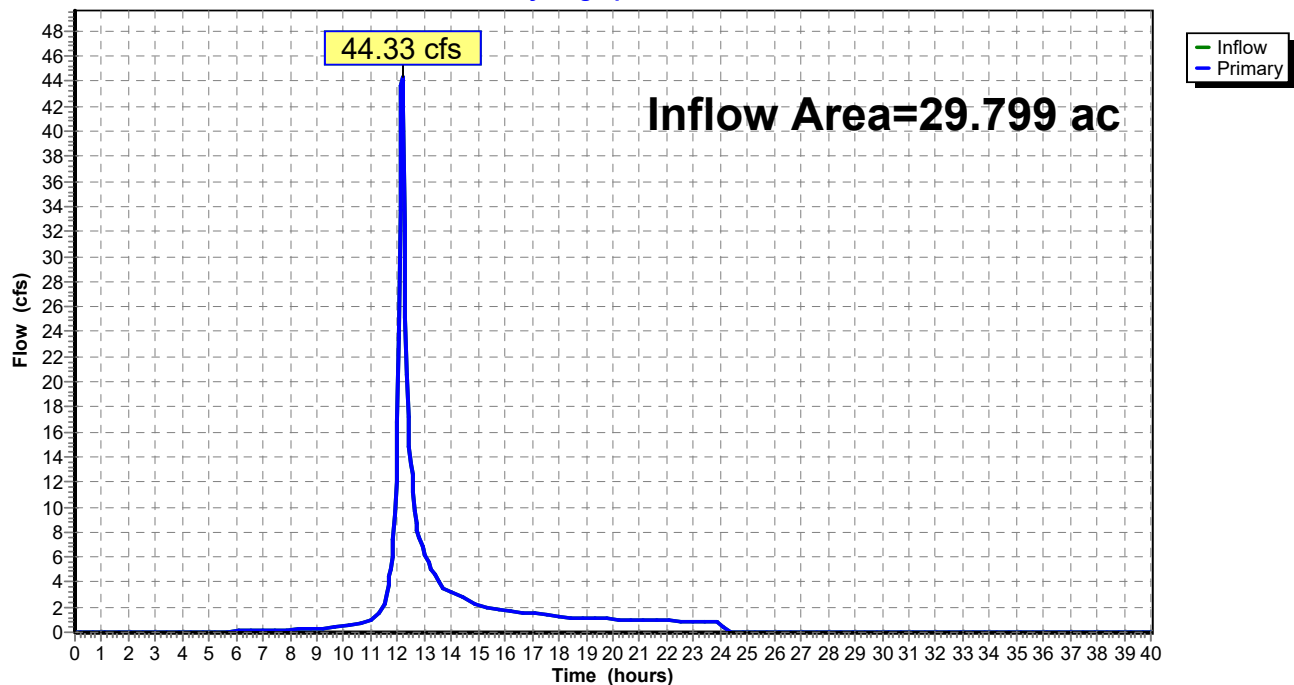
Summary for Link PDA-1OF: PDA-1 (offsite)

Inflow Area = 29.799 ac, 8.84% Impervious, Inflow Depth = 1.37" for Future 2 yr event
Inflow = 44.33 cfs @ 12.17 hrs, Volume= 3.401 af
Primary = 44.33 cfs @ 12.17 hrs, Volume= 3.401 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1OF: PDA-1 (offsite)

Hydrograph



Hydrograph for Link PDA-1OF: PDA-1 (offsite)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.04	0.00	0.04	7.80	0.18	0.00	0.18
5.25	0.05	0.00	0.05	7.85	0.18	0.00	0.18
5.30	0.05	0.00	0.05	7.90	0.18	0.00	0.18
5.35	0.05	0.00	0.05	7.95	0.19	0.00	0.19
5.40	0.05	0.00	0.05	8.00	0.19	0.00	0.19
5.45	0.05	0.00	0.05	8.05	0.19	0.00	0.19
5.50	0.05	0.00	0.05	8.10	0.20	0.00	0.20
5.55	0.06	0.00	0.06	8.15	0.20	0.00	0.20
5.60	0.06	0.00	0.06	8.20	0.21	0.00	0.21
5.65	0.06	0.00	0.06	8.25	0.21	0.00	0.21
5.70	0.06	0.00	0.06	8.30	0.21	0.00	0.21
5.75	0.06	0.00	0.06	8.35	0.22	0.00	0.22
5.80	0.06	0.00	0.06	8.40	0.22	0.00	0.22
5.85	0.07	0.00	0.07	8.45	0.22	0.00	0.22
5.90	0.07	0.00	0.07	8.50	0.23	0.00	0.23
5.95	0.07	0.00	0.07	8.55	0.23	0.00	0.23
6.00	0.07	0.00	0.07	8.60	0.24	0.00	0.24
6.05	0.07	0.00	0.07	8.65	0.24	0.00	0.24
6.10	0.07	0.00	0.07	8.70	0.24	0.00	0.24
6.15	0.08	0.00	0.08	8.75	0.25	0.00	0.25
6.20	0.08	0.00	0.08	8.80	0.25	0.00	0.25
6.25	0.08	0.00	0.08	8.85	0.26	0.00	0.26
6.30	0.08	0.00	0.08	8.90	0.26	0.00	0.26
6.35	0.09	0.00	0.09	8.95	0.26	0.00	0.26
6.40	0.09	0.00	0.09	9.00	0.27	0.00	0.27
6.45	0.09	0.00	0.09	9.05	0.27	0.00	0.27
6.50	0.09	0.00	0.09	9.10	0.28	0.00	0.28
6.55	0.10	0.00	0.10	9.15	0.29	0.00	0.29
6.60	0.10	0.00	0.10	9.20	0.30	0.00	0.30
6.65	0.10	0.00	0.10	9.25	0.31	0.00	0.31
6.70	0.11	0.00	0.11	9.30	0.32	0.00	0.32
6.75	0.11	0.00	0.11	9.35	0.33	0.00	0.33
6.80	0.11	0.00	0.11	9.40	0.34	0.00	0.34
6.85	0.11	0.00	0.11	9.45	0.35	0.00	0.35
6.90	0.12	0.00	0.12	9.50	0.36	0.00	0.36
6.95	0.12	0.00	0.12	9.55	0.37	0.00	0.37
7.00	0.12	0.00	0.12	9.60	0.38	0.00	0.38
7.05	0.13	0.00	0.13	9.65	0.39	0.00	0.39
7.10	0.13	0.00	0.13	9.70	0.41	0.00	0.41
7.15	0.13	0.00	0.13	9.75	0.42	0.00	0.42
7.20	0.14	0.00	0.14	9.80	0.43	0.00	0.43
7.25	0.14	0.00	0.14	9.85	0.44	0.00	0.44
7.30	0.14	0.00	0.14	9.90	0.45	0.00	0.45
7.35	0.15	0.00	0.15	9.95	0.46	0.00	0.46
7.40	0.15	0.00	0.15	10.00	0.48	0.00	0.48
7.45	0.15	0.00	0.15	10.05	0.49	0.00	0.49
7.50	0.16	0.00	0.16	10.10	0.50	0.00	0.50
7.55	0.16	0.00	0.16	10.15	0.51	0.00	0.51
7.60	0.16	0.00	0.16	10.20	0.53	0.00	0.53
7.65	0.17	0.00	0.17	10.25	0.54	0.00	0.54
7.70	0.17	0.00	0.17	10.30	0.55	0.00	0.55
7.75	0.17	0.00	0.17	10.35	0.57	0.00	0.57

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.58	0.00	0.58	13.00	6.37	0.00	6.37
10.45	0.59	0.00	0.59	13.05	6.05	0.00	6.05
10.50	0.61	0.00	0.61	13.10	5.73	0.00	5.73
10.55	0.62	0.00	0.62	13.15	5.42	0.00	5.42
10.60	0.65	0.00	0.65	13.20	5.17	0.00	5.17
10.65	0.68	0.00	0.68	13.25	4.97	0.00	4.97
10.70	0.72	0.00	0.72	13.30	4.78	0.00	4.78
10.75	0.76	0.00	0.76	13.35	4.60	0.00	4.60
10.80	0.81	0.00	0.81	13.40	4.42	0.00	4.42
10.85	0.85	0.00	0.85	13.45	4.25	0.00	4.25
10.90	0.89	0.00	0.89	13.50	4.06	0.00	4.06
10.95	0.94	0.00	0.94	13.55	3.89	0.00	3.89
11.00	0.99	0.00	0.99	13.60	3.70	0.00	3.70
11.05	1.03	0.00	1.03	13.65	3.54	0.00	3.54
11.10	1.10	0.00	1.10	13.70	3.42	0.00	3.42
11.15	1.17	0.00	1.17	13.75	3.35	0.00	3.35
11.20	1.26	0.00	1.26	13.80	3.29	0.00	3.29
11.25	1.34	0.00	1.34	13.85	3.24	0.00	3.24
11.30	1.46	0.00	1.46	13.90	3.20	0.00	3.20
11.35	1.61	0.00	1.61	13.95	3.15	0.00	3.15
11.40	1.79	0.00	1.79	14.00	3.11	0.00	3.11
11.45	1.98	0.00	1.98	14.05	3.06	0.00	3.06
11.50	2.18	0.00	2.18	14.10	3.01	0.00	3.01
11.55	2.45	0.00	2.45	14.15	2.97	0.00	2.97
11.60	3.03	0.00	3.03	14.20	2.92	0.00	2.92
11.65	3.78	0.00	3.78	14.25	2.88	0.00	2.88
11.70	4.41	0.00	4.41	14.30	2.83	0.00	2.83
11.75	5.04	0.00	5.04	14.35	2.78	0.00	2.78
11.80	6.05	0.00	6.05	14.40	2.73	0.00	2.73
11.85	7.43	0.00	7.43	14.45	2.69	0.00	2.69
11.90	9.36	0.00	9.36	14.50	2.64	0.00	2.64
11.95	12.03	0.00	12.03	14.55	2.59	0.00	2.59
12.00	16.72	0.00	16.72	14.60	2.54	0.00	2.54
12.05	23.43	0.00	23.43	14.65	2.49	0.00	2.49
12.10	33.74	0.00	33.74	14.70	2.44	0.00	2.44
12.15	43.67	0.00	43.67	14.75	2.40	0.00	2.40
12.20	41.70	0.00	41.70	14.80	2.35	0.00	2.35
12.25	32.41	0.00	32.41	14.85	2.30	0.00	2.30
12.30	25.16	0.00	25.16	14.90	2.25	0.00	2.25
12.35	20.57	0.00	20.57	14.95	2.20	0.00	2.20
12.40	17.27	0.00	17.27	15.00	2.15	0.00	2.15
12.45	14.85	0.00	14.85	15.05	2.10	0.00	2.10
12.50	13.49	0.00	13.49	15.10	2.05	0.00	2.05
12.55	12.61	0.00	12.61	15.15	2.01	0.00	2.01
12.60	11.19	0.00	11.19	15.20	1.97	0.00	1.97
12.65	9.61	0.00	9.61	15.25	1.95	0.00	1.95
12.70	8.62	0.00	8.62	15.30	1.94	0.00	1.94
12.75	8.07	0.00	8.07	15.35	1.92	0.00	1.92
12.80	7.66	0.00	7.66	15.40	1.91	0.00	1.91
12.85	7.32	0.00	7.32	15.45	1.90	0.00	1.90
12.90	7.00	0.00	7.00	15.50	1.89	0.00	1.89
12.95	6.69	0.00	6.69	15.55	1.87	0.00	1.87

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	1.86	0.00	1.86	18.20	1.18	0.00	1.18
15.65	1.85	0.00	1.85	18.25	1.17	0.00	1.17
15.70	1.84	0.00	1.84	18.30	1.17	0.00	1.17
15.75	1.82	0.00	1.82	18.35	1.17	0.00	1.17
15.80	1.81	0.00	1.81	18.40	1.16	0.00	1.16
15.85	1.80	0.00	1.80	18.45	1.16	0.00	1.16
15.90	1.79	0.00	1.79	18.50	1.16	0.00	1.16
15.95	1.77	0.00	1.77	18.55	1.15	0.00	1.15
16.00	1.76	0.00	1.76	18.60	1.15	0.00	1.15
16.05	1.75	0.00	1.75	18.65	1.15	0.00	1.15
16.10	1.73	0.00	1.73	18.70	1.14	0.00	1.14
16.15	1.72	0.00	1.72	18.75	1.14	0.00	1.14
16.20	1.71	0.00	1.71	18.80	1.14	0.00	1.14
16.25	1.70	0.00	1.70	18.85	1.14	0.00	1.14
16.30	1.68	0.00	1.68	18.90	1.13	0.00	1.13
16.35	1.67	0.00	1.67	18.95	1.13	0.00	1.13
16.40	1.66	0.00	1.66	19.00	1.13	0.00	1.13
16.45	1.65	0.00	1.65	19.05	1.12	0.00	1.12
16.50	1.63	0.00	1.63	19.10	1.12	0.00	1.12
16.55	1.62	0.00	1.62	19.15	1.12	0.00	1.12
16.60	1.61	0.00	1.61	19.20	1.11	0.00	1.11
16.65	1.59	0.00	1.59	19.25	1.11	0.00	1.11
16.70	1.58	0.00	1.58	19.30	1.11	0.00	1.11
16.75	1.57	0.00	1.57	19.35	1.10	0.00	1.10
16.80	1.55	0.00	1.55	19.40	1.10	0.00	1.10
16.85	1.54	0.00	1.54	19.45	1.10	0.00	1.10
16.90	1.53	0.00	1.53	19.50	1.09	0.00	1.09
16.95	1.51	0.00	1.51	19.55	1.09	0.00	1.09
17.00	1.50	0.00	1.50	19.60	1.09	0.00	1.09
17.05	1.49	0.00	1.49	19.65	1.08	0.00	1.08
17.10	1.48	0.00	1.48	19.70	1.08	0.00	1.08
17.15	1.46	0.00	1.46	19.75	1.08	0.00	1.08
17.20	1.45	0.00	1.45	19.80	1.08	0.00	1.08
17.25	1.44	0.00	1.44	19.85	1.08	0.00	1.08
17.30	1.42	0.00	1.42	19.90	1.07	0.00	1.07
17.35	1.40	0.00	1.40	19.95	1.07	0.00	1.07
17.40	1.39	0.00	1.39	20.00	1.06	0.00	1.06
17.45	1.38	0.00	1.38	20.05	1.06	0.00	1.06
17.50	1.37	0.00	1.37	20.10	1.05	0.00	1.05
17.55	1.35	0.00	1.35	20.15	1.05	0.00	1.05
17.60	1.34	0.00	1.34	20.20	1.05	0.00	1.05
17.65	1.33	0.00	1.33	20.25	1.04	0.00	1.04
17.70	1.31	0.00	1.31	20.30	1.04	0.00	1.04
17.75	1.30	0.00	1.30	20.35	1.04	0.00	1.04
17.80	1.28	0.00	1.28	20.40	1.03	0.00	1.03
17.85	1.27	0.00	1.27	20.45	1.03	0.00	1.03
17.90	1.26	0.00	1.26	20.50	1.03	0.00	1.03
17.95	1.24	0.00	1.24	20.55	1.03	0.00	1.03
18.00	1.23	0.00	1.23	20.60	1.02	0.00	1.02
18.05	1.22	0.00	1.22	20.65	1.02	0.00	1.02
18.10	1.20	0.00	1.20	20.70	1.02	0.00	1.02
18.15	1.19	0.00	1.19	20.75	1.01	0.00	1.01

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.01	0.00	1.01	23.40	0.83	0.00	0.83
20.85	1.01	0.00	1.01	23.45	0.83	0.00	0.83
20.90	1.00	0.00	1.00	23.50	0.82	0.00	0.82
20.95	1.00	0.00	1.00	23.55	0.82	0.00	0.82
21.00	0.99	0.00	0.99	23.60	0.81	0.00	0.81
21.05	0.99	0.00	0.99	23.65	0.81	0.00	0.81
21.10	0.99	0.00	0.99	23.70	0.81	0.00	0.81
21.15	0.98	0.00	0.98	23.75	0.81	0.00	0.81
21.20	0.98	0.00	0.98	23.80	0.80	0.00	0.80
21.25	0.98	0.00	0.98	23.85	0.80	0.00	0.80
21.30	0.98	0.00	0.98	23.90	0.79	0.00	0.79
21.35	0.98	0.00	0.98	23.95	0.80	0.00	0.80
21.40	0.97	0.00	0.97	24.00	0.85	0.00	0.85
21.45	0.97	0.00	0.97	24.05	0.86	0.00	0.86
21.50	0.96	0.00	0.96	24.10	0.64	0.00	0.64
21.55	0.96	0.00	0.96	24.15	0.33	0.00	0.33
21.60	0.95	0.00	0.95	24.20	0.14	0.00	0.14
21.65	0.95	0.00	0.95	24.25	0.06	0.00	0.06
21.70	0.95	0.00	0.95	24.30	0.03	0.00	0.03
21.75	0.94	0.00	0.94	24.35	0.01	0.00	0.01
21.80	0.94	0.00	0.94	24.40	0.00	0.00	0.00
21.85	0.94	0.00	0.94	24.45	0.00	0.00	0.00
21.90	0.94	0.00	0.94	24.50	0.00	0.00	0.00
21.95	0.93	0.00	0.93	24.55	0.00	0.00	0.00
22.00	0.93	0.00	0.93	24.60	0.00	0.00	0.00
22.05	0.92	0.00	0.92	24.65	0.00	0.00	0.00
22.10	0.92	0.00	0.92	24.70	0.00	0.00	0.00
22.15	0.92	0.00	0.92	24.75	0.00	0.00	0.00
22.20	0.91	0.00	0.91	24.80	0.00	0.00	0.00
22.25	0.91	0.00	0.91	24.85	0.00	0.00	0.00
22.30	0.91	0.00	0.91	24.90	0.00	0.00	0.00
22.35	0.90	0.00	0.90	24.95	0.00	0.00	0.00
22.40	0.90	0.00	0.90	25.00	0.00	0.00	0.00
22.45	0.90	0.00	0.90	25.05	0.00	0.00	0.00
22.50	0.89	0.00	0.89	25.10	0.00	0.00	0.00
22.55	0.89	0.00	0.89	25.15	0.00	0.00	0.00
22.60	0.89	0.00	0.89	25.20	0.00	0.00	0.00
22.65	0.89	0.00	0.89	25.25	0.00	0.00	0.00
22.70	0.88	0.00	0.88	25.30	0.00	0.00	0.00
22.75	0.88	0.00	0.88	25.35	0.00	0.00	0.00
22.80	0.87	0.00	0.87	25.40	0.00	0.00	0.00
22.85	0.87	0.00	0.87	25.45	0.00	0.00	0.00
22.90	0.86	0.00	0.86	25.50	0.00	0.00	0.00
22.95	0.86	0.00	0.86	25.55	0.00	0.00	0.00
23.00	0.86	0.00	0.86	25.60	0.00	0.00	0.00
23.05	0.86	0.00	0.86	25.65	0.00	0.00	0.00
23.10	0.85	0.00	0.85	25.70	0.00	0.00	0.00
23.15	0.85	0.00	0.85	25.75	0.00	0.00	0.00
23.20	0.84	0.00	0.84	25.80	0.00	0.00	0.00
23.25	0.84	0.00	0.84	25.85	0.00	0.00	0.00
23.30	0.84	0.00	0.84	25.90	0.00	0.00	0.00
23.35	0.83	0.00	0.83	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

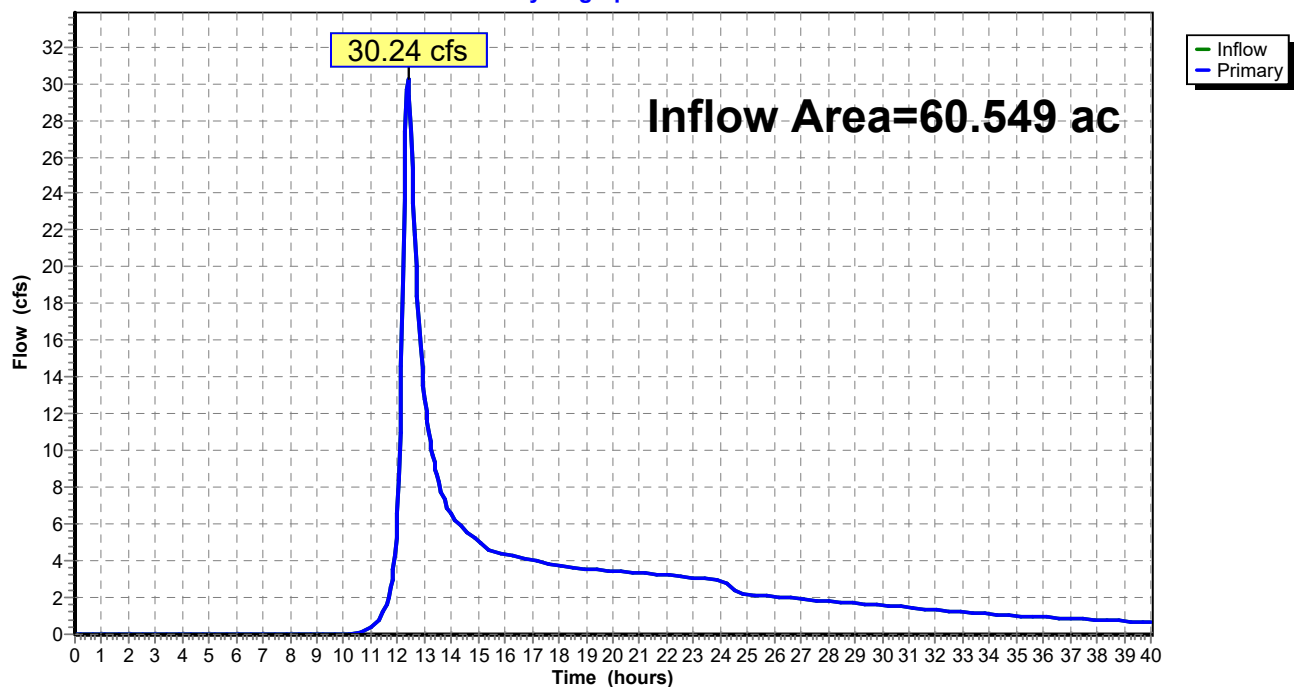
Summary for Link PDA-1ON: PDA-1 (onsite)

Inflow Area = 60.549 ac, 24.89% Impervious, Inflow Depth > 1.50" for Future 2 yr event
Inflow = 30.24 cfs @ 12.39 hrs, Volume= 7.549 af
Primary = 30.24 cfs @ 12.39 hrs, Volume= 7.549 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1ON: PDA-1 (onsite)

Hydrograph



Hydrograph for Link PDA-1ON: PDA-1 (onsite)

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

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.01	0.00	0.01
7.70	0.00	0.00	0.00	10.30	0.01	0.00	0.01
7.75	0.00	0.00	0.00	10.35	0.02	0.00	0.02

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.03	0.00	0.03	13.00	12.75	0.00	12.75
10.45	0.05	0.00	0.05	13.05	12.08	0.00	12.08
10.50	0.07	0.00	0.07	13.10	11.50	0.00	11.50
10.55	0.09	0.00	0.09	13.15	10.99	0.00	10.99
10.60	0.11	0.00	0.11	13.20	10.52	0.00	10.52
10.65	0.13	0.00	0.13	13.25	10.09	0.00	10.09
10.70	0.16	0.00	0.16	13.30	9.69	0.00	9.69
10.75	0.19	0.00	0.19	13.35	9.32	0.00	9.32
10.80	0.22	0.00	0.22	13.40	8.98	0.00	8.98
10.85	0.26	0.00	0.26	13.45	8.67	0.00	8.67
10.90	0.30	0.00	0.30	13.50	8.39	0.00	8.39
10.95	0.34	0.00	0.34	13.55	8.13	0.00	8.13
11.00	0.39	0.00	0.39	13.60	7.89	0.00	7.89
11.05	0.45	0.00	0.45	13.65	7.65	0.00	7.65
11.10	0.51	0.00	0.51	13.70	7.42	0.00	7.42
11.15	0.58	0.00	0.58	13.75	7.20	0.00	7.20
11.20	0.65	0.00	0.65	13.80	7.00	0.00	7.00
11.25	0.74	0.00	0.74	13.85	6.82	0.00	6.82
11.30	0.83	0.00	0.83	13.90	6.67	0.00	6.67
11.35	0.94	0.00	0.94	13.95	6.54	0.00	6.54
11.40	1.06	0.00	1.06	14.00	6.42	0.00	6.42
11.45	1.19	0.00	1.19	14.05	6.32	0.00	6.32
11.50	1.33	0.00	1.33	14.10	6.24	0.00	6.24
11.55	1.49	0.00	1.49	14.15	6.15	0.00	6.15
11.60	1.67	0.00	1.67	14.20	6.08	0.00	6.08
11.65	1.89	0.00	1.89	14.25	6.01	0.00	6.01
11.70	2.18	0.00	2.18	14.30	5.94	0.00	5.94
11.75	2.55	0.00	2.55	14.35	5.87	0.00	5.87
11.80	2.99	0.00	2.99	14.40	5.80	0.00	5.80
11.85	3.56	0.00	3.56	14.45	5.74	0.00	5.74
11.90	4.30	0.00	4.30	14.50	5.67	0.00	5.67
11.95	5.28	0.00	5.28	14.55	5.61	0.00	5.61
12.00	6.60	0.00	6.60	14.60	5.55	0.00	5.55
12.05	8.40	0.00	8.40	14.65	5.49	0.00	5.49
12.10	11.01	0.00	11.01	14.70	5.43	0.00	5.43
12.15	14.63	0.00	14.63	14.75	5.36	0.00	5.36
12.20	19.09	0.00	19.09	14.80	5.30	0.00	5.30
12.25	23.70	0.00	23.70	14.85	5.24	0.00	5.24
12.30	27.36	0.00	27.36	14.90	5.18	0.00	5.18
12.35	29.71	0.00	29.71	14.95	5.12	0.00	5.12
12.40	30.23	0.00	30.23	15.00	5.06	0.00	5.06
12.45	29.26	0.00	29.26	15.05	5.00	0.00	5.00
12.50	27.46	0.00	27.46	15.10	4.93	0.00	4.93
12.55	25.41	0.00	25.41	15.15	4.87	0.00	4.87
12.60	23.48	0.00	23.48	15.20	4.81	0.00	4.81
12.65	21.73	0.00	21.73	15.25	4.75	0.00	4.75
12.70	20.05	0.00	20.05	15.30	4.69	0.00	4.69
12.75	18.43	0.00	18.43	15.35	4.64	0.00	4.64
12.80	16.96	0.00	16.96	15.40	4.60	0.00	4.60
12.85	15.66	0.00	15.66	15.45	4.56	0.00	4.56
12.90	14.53	0.00	14.53	15.50	4.52	0.00	4.52
12.95	13.56	0.00	13.56	15.55	4.50	0.00	4.50

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	4.47	0.00	4.47	18.20	3.68	0.00	3.68
15.65	4.45	0.00	4.45	18.25	3.66	0.00	3.66
15.70	4.43	0.00	4.43	18.30	3.65	0.00	3.65
15.75	4.42	0.00	4.42	18.35	3.63	0.00	3.63
15.80	4.40	0.00	4.40	18.40	3.62	0.00	3.62
15.85	4.38	0.00	4.38	18.45	3.61	0.00	3.61
15.90	4.37	0.00	4.37	18.50	3.60	0.00	3.60
15.95	4.35	0.00	4.35	18.55	3.59	0.00	3.59
16.00	4.34	0.00	4.34	18.60	3.59	0.00	3.59
16.05	4.32	0.00	4.32	18.65	3.58	0.00	3.58
16.10	4.31	0.00	4.31	18.70	3.57	0.00	3.57
16.15	4.29	0.00	4.29	18.75	3.57	0.00	3.57
16.20	4.28	0.00	4.28	18.80	3.56	0.00	3.56
16.25	4.26	0.00	4.26	18.85	3.56	0.00	3.56
16.30	4.25	0.00	4.25	18.90	3.55	0.00	3.55
16.35	4.23	0.00	4.23	18.95	3.54	0.00	3.54
16.40	4.22	0.00	4.22	19.00	3.54	0.00	3.54
16.45	4.20	0.00	4.20	19.05	3.53	0.00	3.53
16.50	4.19	0.00	4.19	19.10	3.53	0.00	3.53
16.55	4.17	0.00	4.17	19.15	3.52	0.00	3.52
16.60	4.16	0.00	4.16	19.20	3.52	0.00	3.52
16.65	4.14	0.00	4.14	19.25	3.51	0.00	3.51
16.70	4.13	0.00	4.13	19.30	3.51	0.00	3.51
16.75	4.11	0.00	4.11	19.35	3.50	0.00	3.50
16.80	4.10	0.00	4.10	19.40	3.50	0.00	3.50
16.85	4.08	0.00	4.08	19.45	3.49	0.00	3.49
16.90	4.07	0.00	4.07	19.50	3.49	0.00	3.49
16.95	4.05	0.00	4.05	19.55	3.48	0.00	3.48
17.00	4.04	0.00	4.04	19.60	3.48	0.00	3.48
17.05	4.03	0.00	4.03	19.65	3.47	0.00	3.47
17.10	4.01	0.00	4.01	19.70	3.46	0.00	3.46
17.15	4.00	0.00	4.00	19.75	3.46	0.00	3.46
17.20	3.98	0.00	3.98	19.80	3.45	0.00	3.45
17.25	3.97	0.00	3.97	19.85	3.45	0.00	3.45
17.30	3.95	0.00	3.95	19.90	3.44	0.00	3.44
17.35	3.94	0.00	3.94	19.95	3.44	0.00	3.44
17.40	3.92	0.00	3.92	20.00	3.43	0.00	3.43
17.45	3.91	0.00	3.91	20.05	3.43	0.00	3.43
17.50	3.89	0.00	3.89	20.10	3.42	0.00	3.42
17.55	3.88	0.00	3.88	20.15	3.42	0.00	3.42
17.60	3.86	0.00	3.86	20.20	3.41	0.00	3.41
17.65	3.85	0.00	3.85	20.25	3.41	0.00	3.41
17.70	3.83	0.00	3.83	20.30	3.40	0.00	3.40
17.75	3.82	0.00	3.82	20.35	3.40	0.00	3.40
17.80	3.80	0.00	3.80	20.40	3.39	0.00	3.39
17.85	3.79	0.00	3.79	20.45	3.38	0.00	3.38
17.90	3.77	0.00	3.77	20.50	3.38	0.00	3.38
17.95	3.75	0.00	3.75	20.55	3.37	0.00	3.37
18.00	3.74	0.00	3.74	20.60	3.37	0.00	3.37
18.05	3.72	0.00	3.72	20.65	3.36	0.00	3.36
18.10	3.71	0.00	3.71	20.70	3.36	0.00	3.36
18.15	3.69	0.00	3.69	20.75	3.35	0.00	3.35

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	3.35	0.00	3.35	23.40	3.05	0.00	3.05
20.85	3.34	0.00	3.34	23.45	3.04	0.00	3.04
20.90	3.34	0.00	3.34	23.50	3.04	0.00	3.04
20.95	3.33	0.00	3.33	23.55	3.03	0.00	3.03
21.00	3.32	0.00	3.32	23.60	3.03	0.00	3.03
21.05	3.32	0.00	3.32	23.65	3.02	0.00	3.02
21.10	3.31	0.00	3.31	23.70	3.02	0.00	3.02
21.15	3.31	0.00	3.31	23.75	3.01	0.00	3.01
21.20	3.30	0.00	3.30	23.80	3.00	0.00	3.00
21.25	3.29	0.00	3.29	23.85	3.00	0.00	3.00
21.30	3.29	0.00	3.29	23.90	2.99	0.00	2.99
21.35	3.28	0.00	3.28	23.95	2.99	0.00	2.99
21.40	3.28	0.00	3.28	24.00	2.98	0.00	2.98
21.45	3.27	0.00	3.27	24.05	2.98	0.00	2.98
21.50	3.27	0.00	3.27	24.10	2.98	0.00	2.98
21.55	3.26	0.00	3.26	24.15	2.96	0.00	2.96
21.60	3.26	0.00	3.26	24.20	2.91	0.00	2.91
21.65	3.25	0.00	3.25	24.25	2.83	0.00	2.83
21.70	3.24	0.00	3.24	24.30	2.73	0.00	2.73
21.75	3.24	0.00	3.24	24.35	2.62	0.00	2.62
21.80	3.23	0.00	3.23	24.40	2.52	0.00	2.52
21.85	3.23	0.00	3.23	24.45	2.43	0.00	2.43
21.90	3.22	0.00	3.22	24.50	2.37	0.00	2.37
21.95	3.22	0.00	3.22	24.55	2.32	0.00	2.32
22.00	3.21	0.00	3.21	24.60	2.28	0.00	2.28
22.05	3.20	0.00	3.20	24.65	2.25	0.00	2.25
22.10	3.20	0.00	3.20	24.70	2.23	0.00	2.23
22.15	3.19	0.00	3.19	24.75	2.21	0.00	2.21
22.20	3.19	0.00	3.19	24.80	2.20	0.00	2.20
22.25	3.18	0.00	3.18	24.85	2.18	0.00	2.18
22.30	3.18	0.00	3.18	24.90	2.17	0.00	2.17
22.35	3.17	0.00	3.17	24.95	2.16	0.00	2.16
22.40	3.17	0.00	3.17	25.00	2.15	0.00	2.15
22.45	3.16	0.00	3.16	25.05	2.15	0.00	2.15
22.50	3.15	0.00	3.15	25.10	2.14	0.00	2.14
22.55	3.15	0.00	3.15	25.15	2.13	0.00	2.13
22.60	3.14	0.00	3.14	25.20	2.12	0.00	2.12
22.65	3.14	0.00	3.14	25.25	2.12	0.00	2.12
22.70	3.13	0.00	3.13	25.30	2.11	0.00	2.11
22.75	3.13	0.00	3.13	25.35	2.11	0.00	2.11
22.80	3.12	0.00	3.12	25.40	2.10	0.00	2.10
22.85	3.12	0.00	3.12	25.45	2.09	0.00	2.09
22.90	3.11	0.00	3.11	25.50	2.09	0.00	2.09
22.95	3.10	0.00	3.10	25.55	2.08	0.00	2.08
23.00	3.10	0.00	3.10	25.60	2.08	0.00	2.08
23.05	3.09	0.00	3.09	25.65	2.07	0.00	2.07
23.10	3.09	0.00	3.09	25.70	2.07	0.00	2.07
23.15	3.08	0.00	3.08	25.75	2.06	0.00	2.06
23.20	3.07	0.00	3.07	25.80	2.05	0.00	2.05
23.25	3.07	0.00	3.07	25.85	2.05	0.00	2.05
23.30	3.06	0.00	3.06	25.90	2.04	0.00	2.04
23.35	3.06	0.00	3.06	25.95	2.04	0.00	2.04

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	2.03	0.00	2.03	28.60	1.73	0.00	1.73
26.05	2.03	0.00	2.03	28.65	1.73	0.00	1.73
26.10	2.02	0.00	2.02	28.70	1.72	0.00	1.72
26.15	2.01	0.00	2.01	28.75	1.71	0.00	1.71
26.20	2.01	0.00	2.01	28.80	1.71	0.00	1.71
26.25	2.00	0.00	2.00	28.85	1.70	0.00	1.70
26.30	2.00	0.00	2.00	28.90	1.70	0.00	1.70
26.35	1.99	0.00	1.99	28.95	1.69	0.00	1.69
26.40	1.99	0.00	1.99	29.00	1.68	0.00	1.68
26.45	1.98	0.00	1.98	29.05	1.68	0.00	1.68
26.50	1.97	0.00	1.97	29.10	1.67	0.00	1.67
26.55	1.97	0.00	1.97	29.15	1.67	0.00	1.67
26.60	1.96	0.00	1.96	29.20	1.66	0.00	1.66
26.65	1.96	0.00	1.96	29.25	1.65	0.00	1.65
26.70	1.95	0.00	1.95	29.30	1.65	0.00	1.65
26.75	1.95	0.00	1.95	29.35	1.64	0.00	1.64
26.80	1.94	0.00	1.94	29.40	1.64	0.00	1.64
26.85	1.93	0.00	1.93	29.45	1.63	0.00	1.63
26.90	1.93	0.00	1.93	29.50	1.63	0.00	1.63
26.95	1.92	0.00	1.92	29.55	1.62	0.00	1.62
27.00	1.92	0.00	1.92	29.60	1.61	0.00	1.61
27.05	1.91	0.00	1.91	29.65	1.61	0.00	1.61
27.10	1.91	0.00	1.91	29.70	1.60	0.00	1.60
27.15	1.90	0.00	1.90	29.75	1.60	0.00	1.60
27.20	1.89	0.00	1.89	29.80	1.59	0.00	1.59
27.25	1.89	0.00	1.89	29.85	1.58	0.00	1.58
27.30	1.88	0.00	1.88	29.90	1.58	0.00	1.58
27.35	1.88	0.00	1.88	29.95	1.57	0.00	1.57
27.40	1.87	0.00	1.87	30.00	1.57	0.00	1.57
27.45	1.87	0.00	1.87	30.05	1.56	0.00	1.56
27.50	1.86	0.00	1.86	30.10	1.55	0.00	1.55
27.55	1.85	0.00	1.85	30.15	1.55	0.00	1.55
27.60	1.85	0.00	1.85	30.20	1.54	0.00	1.54
27.65	1.84	0.00	1.84	30.25	1.54	0.00	1.54
27.70	1.84	0.00	1.84	30.30	1.53	0.00	1.53
27.75	1.83	0.00	1.83	30.35	1.52	0.00	1.52
27.80	1.83	0.00	1.83	30.40	1.52	0.00	1.52
27.85	1.82	0.00	1.82	30.45	1.51	0.00	1.51
27.90	1.81	0.00	1.81	30.50	1.51	0.00	1.51
27.95	1.81	0.00	1.81	30.55	1.50	0.00	1.50
28.00	1.80	0.00	1.80	30.60	1.49	0.00	1.49
28.05	1.80	0.00	1.80	30.65	1.49	0.00	1.49
28.10	1.79	0.00	1.79	30.70	1.48	0.00	1.48
28.15	1.78	0.00	1.78	30.75	1.48	0.00	1.48
28.20	1.78	0.00	1.78	30.80	1.47	0.00	1.47
28.25	1.77	0.00	1.77	30.85	1.46	0.00	1.46
28.30	1.77	0.00	1.77	30.90	1.46	0.00	1.46
28.35	1.76	0.00	1.76	30.95	1.45	0.00	1.45
28.40	1.75	0.00	1.75	31.00	1.45	0.00	1.45
28.45	1.75	0.00	1.75	31.05	1.44	0.00	1.44
28.50	1.74	0.00	1.74	31.10	1.44	0.00	1.44
28.55	1.74	0.00	1.74	31.15	1.43	0.00	1.43

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	1.42	0.00	1.42	33.80	1.13	0.00	1.13
31.25	1.42	0.00	1.42	33.85	1.12	0.00	1.12
31.30	1.41	0.00	1.41	33.90	1.12	0.00	1.12
31.35	1.41	0.00	1.41	33.95	1.11	0.00	1.11
31.40	1.40	0.00	1.40	34.00	1.11	0.00	1.11
31.45	1.39	0.00	1.39	34.05	1.10	0.00	1.10
31.50	1.39	0.00	1.39	34.10	1.10	0.00	1.10
31.55	1.38	0.00	1.38	34.15	1.09	0.00	1.09
31.60	1.38	0.00	1.38	34.20	1.09	0.00	1.09
31.65	1.37	0.00	1.37	34.25	1.08	0.00	1.08
31.70	1.36	0.00	1.36	34.30	1.08	0.00	1.08
31.75	1.36	0.00	1.36	34.35	1.08	0.00	1.08
31.80	1.35	0.00	1.35	34.40	1.07	0.00	1.07
31.85	1.35	0.00	1.35	34.45	1.07	0.00	1.07
31.90	1.34	0.00	1.34	34.50	1.06	0.00	1.06
31.95	1.34	0.00	1.34	34.55	1.06	0.00	1.06
32.00	1.33	0.00	1.33	34.60	1.05	0.00	1.05
32.05	1.32	0.00	1.32	34.65	1.05	0.00	1.05
32.10	1.32	0.00	1.32	34.70	1.04	0.00	1.04
32.15	1.31	0.00	1.31	34.75	1.04	0.00	1.04
32.20	1.31	0.00	1.31	34.80	1.03	0.00	1.03
32.25	1.30	0.00	1.30	34.85	1.03	0.00	1.03
32.30	1.29	0.00	1.29	34.90	1.02	0.00	1.02
32.35	1.29	0.00	1.29	34.95	1.02	0.00	1.02
32.40	1.28	0.00	1.28	35.00	1.01	0.00	1.01
32.45	1.28	0.00	1.28	35.05	1.01	0.00	1.01
32.50	1.27	0.00	1.27	35.10	1.01	0.00	1.01
32.55	1.27	0.00	1.27	35.15	1.00	0.00	1.00
32.60	1.26	0.00	1.26	35.20	1.00	0.00	1.00
32.65	1.25	0.00	1.25	35.25	0.99	0.00	0.99
32.70	1.25	0.00	1.25	35.30	0.99	0.00	0.99
32.75	1.24	0.00	1.24	35.35	0.98	0.00	0.98
32.80	1.24	0.00	1.24	35.40	0.98	0.00	0.98
32.85	1.23	0.00	1.23	35.45	0.97	0.00	0.97
32.90	1.23	0.00	1.23	35.50	0.97	0.00	0.97
32.95	1.22	0.00	1.22	35.55	0.97	0.00	0.97
33.00	1.21	0.00	1.21	35.60	0.96	0.00	0.96
33.05	1.21	0.00	1.21	35.65	0.96	0.00	0.96
33.10	1.20	0.00	1.20	35.70	0.95	0.00	0.95
33.15	1.20	0.00	1.20	35.75	0.95	0.00	0.95
33.20	1.19	0.00	1.19	35.80	0.94	0.00	0.94
33.25	1.19	0.00	1.19	35.85	0.94	0.00	0.94
33.30	1.18	0.00	1.18	35.90	0.93	0.00	0.93
33.35	1.18	0.00	1.18	35.95	0.93	0.00	0.93
33.40	1.17	0.00	1.17	36.00	0.93	0.00	0.93
33.45	1.17	0.00	1.17	36.05	0.92	0.00	0.92
33.50	1.16	0.00	1.16	36.10	0.92	0.00	0.92
33.55	1.16	0.00	1.16	36.15	0.91	0.00	0.91
33.60	1.15	0.00	1.15	36.20	0.91	0.00	0.91
33.65	1.15	0.00	1.15	36.25	0.91	0.00	0.91
33.70	1.14	0.00	1.14	36.30	0.90	0.00	0.90
33.75	1.13	0.00	1.13	36.35	0.90	0.00	0.90

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.89	0.00	0.89	39.00	0.70	0.00	0.70
36.45	0.89	0.00	0.89	39.05	0.70	0.00	0.70
36.50	0.89	0.00	0.89	39.10	0.70	0.00	0.70
36.55	0.88	0.00	0.88	39.15	0.69	0.00	0.69
36.60	0.88	0.00	0.88	39.20	0.69	0.00	0.69
36.65	0.87	0.00	0.87	39.25	0.69	0.00	0.69
36.70	0.87	0.00	0.87	39.30	0.68	0.00	0.68
36.75	0.87	0.00	0.87	39.35	0.68	0.00	0.68
36.80	0.86	0.00	0.86	39.40	0.68	0.00	0.68
36.85	0.86	0.00	0.86	39.45	0.67	0.00	0.67
36.90	0.85	0.00	0.85	39.50	0.67	0.00	0.67
36.95	0.85	0.00	0.85	39.55	0.67	0.00	0.67
37.00	0.85	0.00	0.85	39.60	0.67	0.00	0.67
37.05	0.84	0.00	0.84	39.65	0.66	0.00	0.66
37.10	0.84	0.00	0.84	39.70	0.66	0.00	0.66
37.15	0.83	0.00	0.83	39.75	0.66	0.00	0.66
37.20	0.83	0.00	0.83	39.80	0.65	0.00	0.65
37.25	0.83	0.00	0.83	39.85	0.65	0.00	0.65
37.30	0.82	0.00	0.82	39.90	0.65	0.00	0.65
37.35	0.82	0.00	0.82	39.95	0.64	0.00	0.64
37.40	0.82	0.00	0.82	40.00	0.64	0.00	0.64
37.45	0.81	0.00	0.81				
37.50	0.81	0.00	0.81				
37.55	0.80	0.00	0.80				
37.60	0.80	0.00	0.80				
37.65	0.80	0.00	0.80				
37.70	0.79	0.00	0.79				
37.75	0.79	0.00	0.79				
37.80	0.79	0.00	0.79				
37.85	0.78	0.00	0.78				
37.90	0.78	0.00	0.78				
37.95	0.78	0.00	0.78				
38.00	0.77	0.00	0.77				
38.05	0.77	0.00	0.77				
38.10	0.77	0.00	0.77				
38.15	0.76	0.00	0.76				
38.20	0.76	0.00	0.76				
38.25	0.75	0.00	0.75				
38.30	0.75	0.00	0.75				
38.35	0.75	0.00	0.75				
38.40	0.74	0.00	0.74				
38.45	0.74	0.00	0.74				
38.50	0.74	0.00	0.74				
38.55	0.73	0.00	0.73				
38.60	0.73	0.00	0.73				
38.65	0.73	0.00	0.73				
38.70	0.72	0.00	0.72				
38.75	0.72	0.00	0.72				
38.80	0.72	0.00	0.72				
38.85	0.71	0.00	0.71				
38.90	0.71	0.00	0.71				
38.95	0.71	0.00	0.71				

Summary for Subcatchment 1I: PDA-1 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-1 : Basin #1

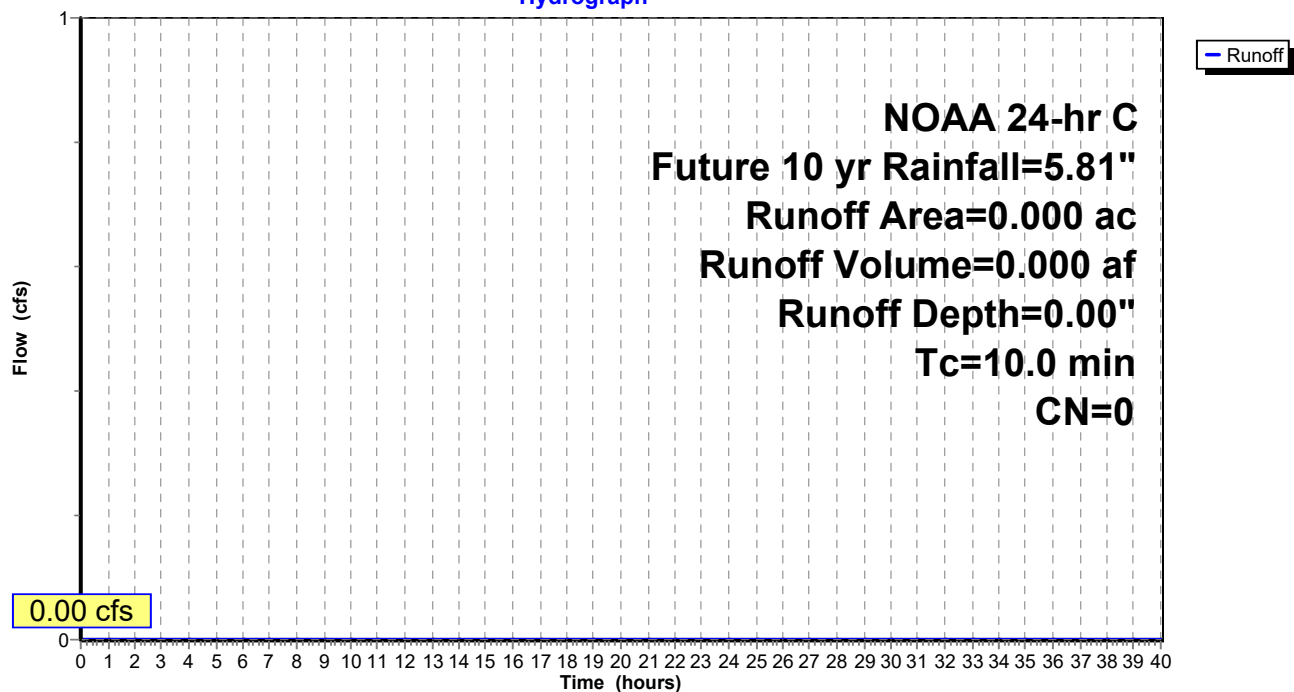
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 1I: PDA-1 (impervious)

Hydrograph



Hydrograph for Subcatchment 1I: PDA-1 (impervious)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.00	0.00	13.00	4.42	0.00	0.00
10.45	1.18	0.00	0.00	13.05	4.44	0.00	0.00
10.50	1.20	0.00	0.00	13.10	4.46	0.00	0.00
10.55	1.21	0.00	0.00	13.15	4.48	0.00	0.00
10.60	1.23	0.00	0.00	13.20	4.50	0.00	0.00
10.65	1.25	0.00	0.00	13.25	4.52	0.00	0.00
10.70	1.27	0.00	0.00	13.30	4.54	0.00	0.00
10.75	1.29	0.00	0.00	13.35	4.56	0.00	0.00
10.80	1.31	0.00	0.00	13.40	4.58	0.00	0.00
10.85	1.33	0.00	0.00	13.45	4.60	0.00	0.00
10.90	1.35	0.00	0.00	13.50	4.61	0.00	0.00
10.95	1.37	0.00	0.00	13.55	4.63	0.00	0.00
11.00	1.39	0.00	0.00	13.60	4.64	0.00	0.00
11.05	1.42	0.00	0.00	13.65	4.66	0.00	0.00
11.10	1.45	0.00	0.00	13.70	4.67	0.00	0.00
11.15	1.48	0.00	0.00	13.75	4.68	0.00	0.00
11.20	1.51	0.00	0.00	13.80	4.70	0.00	0.00
11.25	1.54	0.00	0.00	13.85	4.71	0.00	0.00
11.30	1.57	0.00	0.00	13.90	4.72	0.00	0.00
11.35	1.61	0.00	0.00	13.95	4.74	0.00	0.00
11.40	1.64	0.00	0.00	14.00	4.75	0.00	0.00
11.45	1.68	0.00	0.00	14.05	4.76	0.00	0.00
11.50	1.72	0.00	0.00	14.10	4.78	0.00	0.00
11.55	1.78	0.00	0.00	14.15	4.79	0.00	0.00
11.60	1.83	0.00	0.00	14.20	4.80	0.00	0.00
11.65	1.90	0.00	0.00	14.25	4.81	0.00	0.00
11.70	1.96	0.00	0.00	14.30	4.82	0.00	0.00
11.75	2.04	0.00	0.00	14.35	4.83	0.00	0.00
11.80	2.13	0.00	0.00	14.40	4.85	0.00	0.00
11.85	2.25	0.00	0.00	14.45	4.86	0.00	0.00
11.90	2.36	0.00	0.00	14.50	4.87	0.00	0.00
11.95	2.57	0.00	0.00	14.55	4.88	0.00	0.00
12.00	2.77	0.00	0.00	14.60	4.89	0.00	0.00
12.05	3.11	0.00	0.00	14.65	4.90	0.00	0.00
12.10	3.45	0.00	0.00	14.70	4.91	0.00	0.00
12.15	3.56	0.00	0.00	14.75	4.92	0.00	0.00
12.20	3.68	0.00	0.00	14.80	4.93	0.00	0.00
12.25	3.77	0.00	0.00	14.85	4.94	0.00	0.00
12.30	3.85	0.00	0.00	14.90	4.94	0.00	0.00
12.35	3.91	0.00	0.00	14.95	4.95	0.00	0.00
12.40	3.98	0.00	0.00	15.00	4.96	0.00	0.00
12.45	4.03	0.00	0.00	15.05	4.97	0.00	0.00
12.50	4.09	0.00	0.00	15.10	4.98	0.00	0.00
12.55	4.13	0.00	0.00	15.15	4.99	0.00	0.00
12.60	4.17	0.00	0.00	15.20	4.99	0.00	0.00
12.65	4.20	0.00	0.00	15.25	5.00	0.00	0.00
12.70	4.24	0.00	0.00	15.30	5.01	0.00	0.00
12.75	4.27	0.00	0.00	15.35	5.02	0.00	0.00
12.80	4.30	0.00	0.00	15.40	5.03	0.00	0.00
12.85	4.33	0.00	0.00	15.45	5.03	0.00	0.00
12.90	4.36	0.00	0.00	15.50	5.04	0.00	0.00
12.95	4.39	0.00	0.00	15.55	5.05	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	0.00	0.00	18.20	5.37	0.00	0.00
15.65	5.06	0.00	0.00	18.25	5.37	0.00	0.00
15.70	5.07	0.00	0.00	18.30	5.38	0.00	0.00
15.75	5.08	0.00	0.00	18.35	5.38	0.00	0.00
15.80	5.09	0.00	0.00	18.40	5.39	0.00	0.00
15.85	5.09	0.00	0.00	18.45	5.39	0.00	0.00
15.90	5.10	0.00	0.00	18.50	5.40	0.00	0.00
15.95	5.11	0.00	0.00	18.55	5.40	0.00	0.00
16.00	5.11	0.00	0.00	18.60	5.40	0.00	0.00
16.05	5.12	0.00	0.00	18.65	5.41	0.00	0.00
16.10	5.13	0.00	0.00	18.70	5.41	0.00	0.00
16.15	5.13	0.00	0.00	18.75	5.42	0.00	0.00
16.20	5.14	0.00	0.00	18.80	5.42	0.00	0.00
16.25	5.15	0.00	0.00	18.85	5.43	0.00	0.00
16.30	5.16	0.00	0.00	18.90	5.43	0.00	0.00
16.35	5.16	0.00	0.00	18.95	5.44	0.00	0.00
16.40	5.17	0.00	0.00	19.00	5.44	0.00	0.00
16.45	5.17	0.00	0.00	19.05	5.44	0.00	0.00
16.50	5.18	0.00	0.00	19.10	5.45	0.00	0.00
16.55	5.19	0.00	0.00	19.15	5.45	0.00	0.00
16.60	5.19	0.00	0.00	19.20	5.46	0.00	0.00
16.65	5.20	0.00	0.00	19.25	5.46	0.00	0.00
16.70	5.21	0.00	0.00	19.30	5.47	0.00	0.00
16.75	5.21	0.00	0.00	19.35	5.47	0.00	0.00
16.80	5.22	0.00	0.00	19.40	5.48	0.00	0.00
16.85	5.23	0.00	0.00	19.45	5.48	0.00	0.00
16.90	5.23	0.00	0.00	19.50	5.48	0.00	0.00
16.95	5.24	0.00	0.00	19.55	5.49	0.00	0.00
17.00	5.24	0.00	0.00	19.60	5.49	0.00	0.00
17.05	5.25	0.00	0.00	19.65	5.50	0.00	0.00
17.10	5.25	0.00	0.00	19.70	5.50	0.00	0.00
17.15	5.26	0.00	0.00	19.75	5.50	0.00	0.00
17.20	5.27	0.00	0.00	19.80	5.51	0.00	0.00
17.25	5.27	0.00	0.00	19.85	5.51	0.00	0.00
17.30	5.28	0.00	0.00	19.90	5.52	0.00	0.00
17.35	5.28	0.00	0.00	19.95	5.52	0.00	0.00
17.40	5.29	0.00	0.00	20.00	5.53	0.00	0.00
17.45	5.29	0.00	0.00	20.05	5.53	0.00	0.00
17.50	5.30	0.00	0.00	20.10	5.53	0.00	0.00
17.55	5.30	0.00	0.00	20.15	5.54	0.00	0.00
17.60	5.31	0.00	0.00	20.20	5.54	0.00	0.00
17.65	5.31	0.00	0.00	20.25	5.55	0.00	0.00
17.70	5.32	0.00	0.00	20.30	5.55	0.00	0.00
17.75	5.33	0.00	0.00	20.35	5.55	0.00	0.00
17.80	5.33	0.00	0.00	20.40	5.56	0.00	0.00
17.85	5.34	0.00	0.00	20.45	5.56	0.00	0.00
17.90	5.34	0.00	0.00	20.50	5.57	0.00	0.00
17.95	5.34	0.00	0.00	20.55	5.57	0.00	0.00
18.00	5.35	0.00	0.00	20.60	5.57	0.00	0.00
18.05	5.35	0.00	0.00	20.65	5.58	0.00	0.00
18.10	5.36	0.00	0.00	20.70	5.58	0.00	0.00
18.15	5.36	0.00	0.00	20.75	5.59	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

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

Summary for Subcatchment 1P: PDA-1 (pervious)

Runoff = 2.97 cfs @ 12.18 hrs, Volume= 0.224 af, Depth= 3.03"
 Routed to Pond B-1 : Basin #1

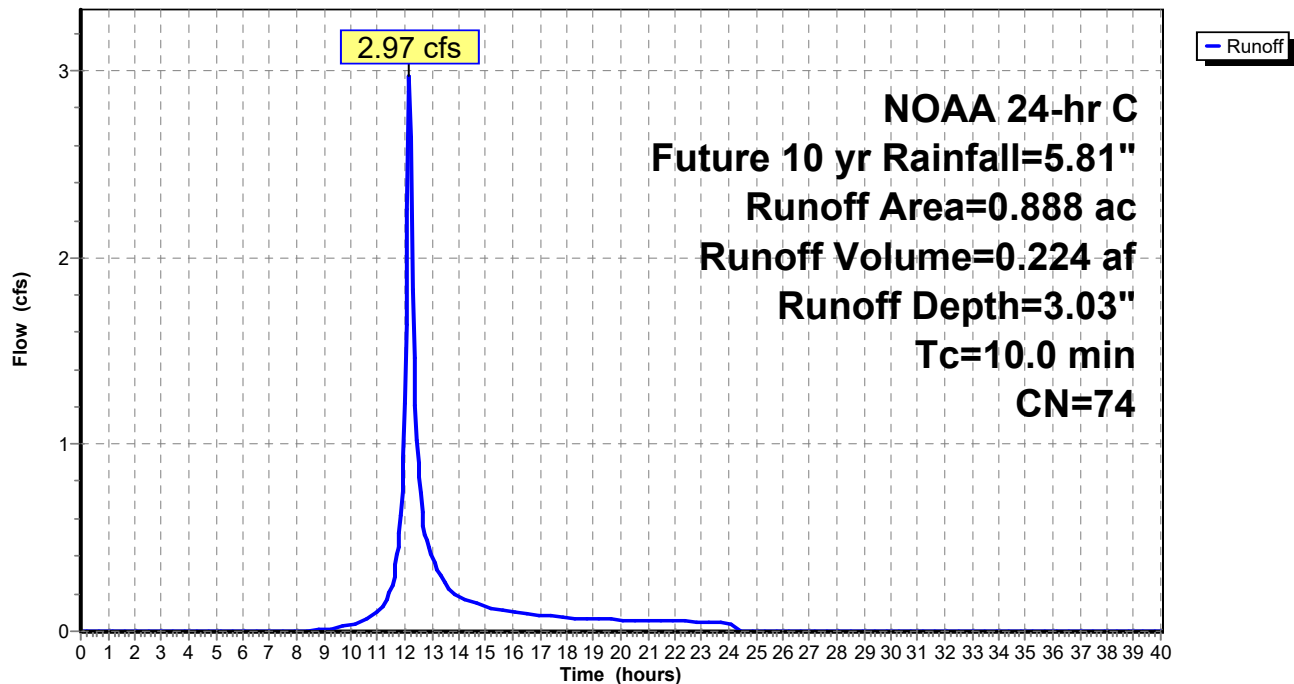
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.888	74	>75% Grass cover, Good, HSG C
0.888		100.00% Pervious Area

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

Subcatchment 1P: PDA-1 (pervious)

Hydrograph



Hydrograph for Subcatchment 1P: PDA-1 (pervious)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.40
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.38
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.36
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.34
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.32
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.31
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.30
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.28
10.80	1.31	0.09	0.08	13.40	4.58	2.03	0.27
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.26
10.90	1.35	0.10	0.09	13.50	4.61	2.06	0.25
10.95	1.37	0.11	0.10	13.55	4.63	2.07	0.24
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.23
11.05	1.42	0.12	0.11	13.65	4.66	2.09	0.22
11.10	1.45	0.13	0.12	13.70	4.67	2.10	0.21
11.15	1.48	0.14	0.13	13.75	4.68	2.12	0.20
11.20	1.51	0.15	0.15	13.80	4.70	2.13	0.20
11.25	1.54	0.16	0.16	13.85	4.71	2.14	0.20
11.30	1.57	0.17	0.17	13.90	4.72	2.15	0.19
11.35	1.61	0.18	0.19	13.95	4.74	2.16	0.19
11.40	1.64	0.20	0.20	14.00	4.75	2.17	0.19
11.45	1.68	0.21	0.22	14.05	4.76	2.18	0.18
11.50	1.72	0.23	0.23	14.10	4.78	2.19	0.18
11.55	1.78	0.25	0.25	14.15	4.79	2.20	0.18
11.60	1.83	0.28	0.29	14.20	4.80	2.21	0.18
11.65	1.90	0.30	0.35	14.25	4.81	2.21	0.17
11.70	1.96	0.33	0.41	14.30	4.82	2.22	0.17
11.75	2.04	0.37	0.45	14.35	4.83	2.23	0.17
11.80	2.13	0.41	0.52	14.40	4.85	2.24	0.16
11.85	2.25	0.47	0.62	14.45	4.86	2.25	0.16
11.90	2.36	0.53	0.75	14.50	4.87	2.26	0.16
11.95	2.57	0.65	0.93	14.55	4.88	2.27	0.16
12.00	2.77	0.77	1.22	14.60	4.89	2.27	0.15
12.05	3.11	0.98	1.64	14.65	4.90	2.28	0.15
12.10	3.45	1.20	2.25	14.70	4.91	2.29	0.15
12.15	3.56	1.28	2.89	14.75	4.92	2.30	0.14
12.20	3.68	1.37	2.91	14.80	4.93	2.31	0.14
12.25	3.77	1.43	2.37	14.85	4.94	2.31	0.14
12.30	3.85	1.49	1.83	14.90	4.94	2.32	0.13
12.35	3.91	1.53	1.46	14.95	4.95	2.33	0.13
12.40	3.98	1.58	1.21	15.00	4.96	2.33	0.13
12.45	4.03	1.62	1.02	15.05	4.97	2.34	0.13
12.50	4.09	1.67	0.90	15.10	4.98	2.35	0.12
12.55	4.13	1.69	0.83	15.15	4.99	2.35	0.12
12.60	4.17	1.72	0.74	15.20	4.99	2.36	0.12
12.65	4.20	1.75	0.64	15.25	5.00	2.37	0.12
12.70	4.24	1.77	0.56	15.30	5.01	2.37	0.11
12.75	4.27	1.80	0.52	15.35	5.02	2.38	0.11
12.80	4.30	1.82	0.49	15.40	5.03	2.38	0.11
12.85	4.33	1.85	0.46	15.45	5.03	2.39	0.11
12.90	4.36	1.87	0.44	15.50	5.04	2.40	0.11
12.95	4.39	1.89	0.42	15.55	5.05	2.40	0.11

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.11	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.11	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.11	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.11	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.11	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.11	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.10	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.10	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.10	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.10	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.10	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.10	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.10	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.10	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.10	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.09	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.09	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.09	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.09	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.09	19.50	5.48	2.76	0.06
16.95	5.24	2.55	0.09	19.55	5.49	2.76	0.06
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.06
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.06
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.08	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.08	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.08	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.08	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.08	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.07	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.07	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.07	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

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

Summary for Subcatchment 2I: PDA-2 (impervious)

Runoff = 3.84 cfs @ 12.17 hrs, Volume= 0.336 af, Depth= 5.57"
 Routed to Pond B-2 : Basin #2

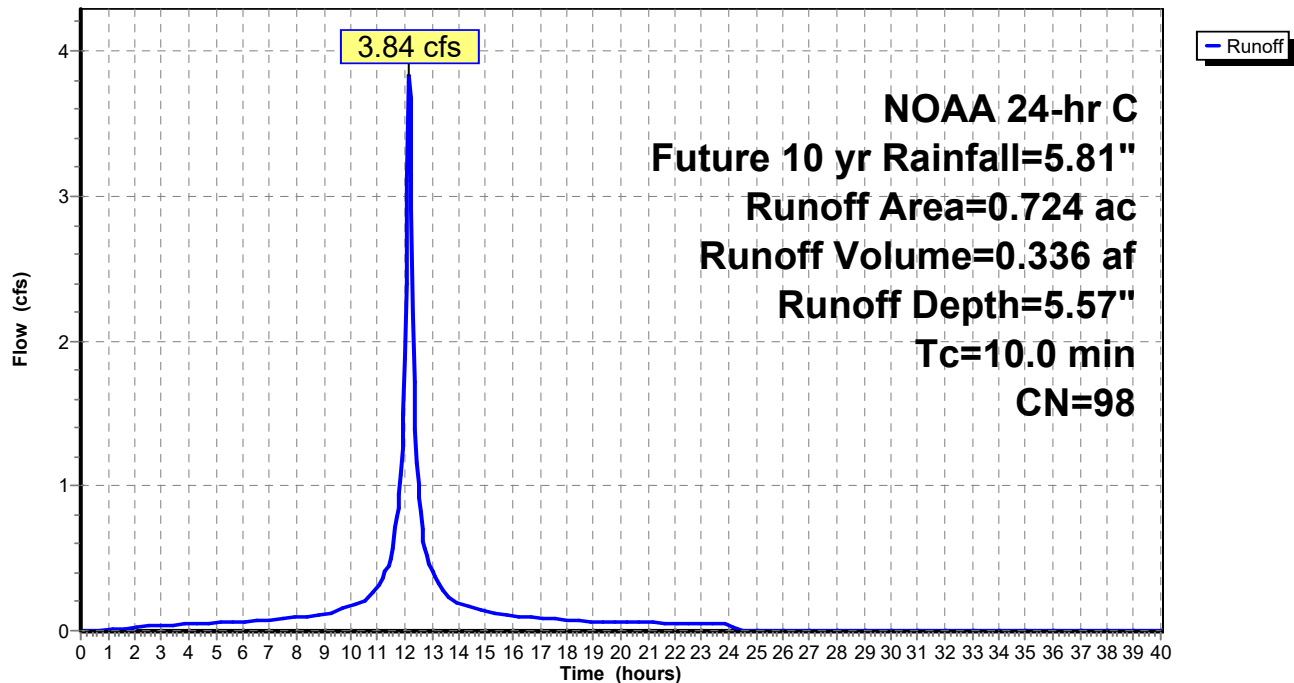
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.490	98	Roof, HSG C
* 0.196	98	Pavement, HSG C
* 0.038	98	Concrete, HSG C
0.724	98	Weighted Average
0.724		100.00% Impervious Area

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

Subcatchment 2I: PDA-2 (impervious)

Hydrograph



Hydrograph for Subcatchment 2I: PDA-2 (impervious)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.09
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.09
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.09
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.09
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.10
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.10
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.10
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.10
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.10
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.10
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.10
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.10
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.10
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.11
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.11
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.11
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.11
6.20	0.48	0.30	0.06	8.80	0.82	0.61	0.11
6.25	0.48	0.30	0.06	8.85	0.82	0.62	0.11
6.30	0.49	0.31	0.06	8.90	0.83	0.63	0.11
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.11
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.11
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.11
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.12
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.12
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.12
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.12
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.13
6.75	0.54	0.35	0.07	9.35	0.91	0.71	0.13
6.80	0.54	0.36	0.07	9.40	0.92	0.72	0.13
6.85	0.55	0.36	0.07	9.45	0.93	0.73	0.14
6.90	0.56	0.37	0.07	9.50	0.94	0.74	0.14
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.14
7.00	0.57	0.38	0.08	9.60	0.96	0.76	0.15
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.15
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.15
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.15
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.16
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.16
7.30	0.60	0.41	0.08	9.90	1.03	0.82	0.16
7.35	0.61	0.42	0.08	9.95	1.05	0.84	0.17
7.40	0.62	0.42	0.08	10.00	1.06	0.85	0.17
7.45	0.62	0.43	0.08	10.05	1.07	0.86	0.17
7.50	0.63	0.44	0.09	10.10	1.09	0.87	0.18
7.55	0.64	0.44	0.09	10.15	1.10	0.89	0.18
7.60	0.64	0.45	0.09	10.20	1.11	0.90	0.18
7.65	0.65	0.45	0.09	10.25	1.13	0.91	0.19
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.19
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.19

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.20	13.00	4.42	4.18	0.43
10.45	1.18	0.97	0.20	13.05	4.44	4.20	0.41
10.50	1.20	0.98	0.20	13.10	4.46	4.23	0.38
10.55	1.21	1.00	0.21	13.15	4.48	4.25	0.36
10.60	1.23	1.02	0.21	13.20	4.50	4.27	0.34
10.65	1.25	1.03	0.22	13.25	4.52	4.29	0.33
10.70	1.27	1.05	0.23	13.30	4.54	4.31	0.31
10.75	1.29	1.07	0.24	13.35	4.56	4.33	0.30
10.80	1.31	1.09	0.26	13.40	4.58	4.34	0.29
10.85	1.33	1.11	0.27	13.45	4.60	4.36	0.28
10.90	1.35	1.13	0.28	13.50	4.61	4.38	0.26
10.95	1.37	1.15	0.29	13.55	4.63	4.39	0.25
11.00	1.39	1.18	0.30	13.60	4.64	4.41	0.24
11.05	1.42	1.20	0.32	13.65	4.66	4.42	0.23
11.10	1.45	1.23	0.33	13.70	4.67	4.43	0.22
11.15	1.48	1.26	0.35	13.75	4.68	4.45	0.21
11.20	1.51	1.29	0.37	13.80	4.70	4.46	0.21
11.25	1.54	1.32	0.40	13.85	4.71	4.48	0.21
11.30	1.57	1.35	0.42	13.90	4.72	4.49	0.20
11.35	1.61	1.38	0.44	13.95	4.74	4.50	0.20
11.40	1.64	1.42	0.46	14.00	4.75	4.51	0.20
11.45	1.68	1.46	0.49	14.05	4.76	4.53	0.19
11.50	1.72	1.49	0.51	14.10	4.78	4.54	0.19
11.55	1.78	1.55	0.54	14.15	4.79	4.55	0.19
11.60	1.83	1.61	0.61	14.20	4.80	4.56	0.18
11.65	1.90	1.67	0.71	14.25	4.81	4.57	0.18
11.70	1.96	1.73	0.79	14.30	4.82	4.59	0.18
11.75	2.04	1.82	0.85	14.35	4.83	4.60	0.17
11.80	2.13	1.90	0.95	14.40	4.85	4.61	0.17
11.85	2.25	2.02	1.08	14.45	4.86	4.62	0.17
11.90	2.36	2.13	1.26	14.50	4.87	4.63	0.16
11.95	2.57	2.34	1.50	14.55	4.88	4.64	0.16
12.00	2.77	2.54	1.88	14.60	4.89	4.65	0.16
12.05	3.11	2.88	2.39	14.65	4.90	4.66	0.15
12.10	3.45	3.21	3.11	14.70	4.91	4.67	0.15
12.15	3.56	3.33	3.78	14.75	4.92	4.68	0.15
12.20	3.68	3.45	3.68	14.80	4.93	4.69	0.14
12.25	3.77	3.53	2.91	14.85	4.94	4.70	0.14
12.30	3.85	3.62	2.20	14.90	4.94	4.71	0.14
12.35	3.91	3.68	1.72	14.95	4.95	4.72	0.13
12.40	3.98	3.74	1.40	15.00	4.96	4.72	0.13
12.45	4.03	3.80	1.16	15.05	4.97	4.73	0.13
12.50	4.09	3.86	1.02	15.10	4.98	4.74	0.13
12.55	4.13	3.90	0.92	15.15	4.99	4.75	0.12
12.60	4.17	3.93	0.82	15.20	4.99	4.76	0.12
12.65	4.20	3.97	0.70	15.25	5.00	4.76	0.12
12.70	4.24	4.00	0.62	15.30	5.01	4.77	0.12
12.75	4.27	4.04	0.57	15.35	5.02	4.78	0.12
12.80	4.30	4.07	0.53	15.40	5.03	4.79	0.12
12.85	4.33	4.10	0.50	15.45	5.03	4.80	0.11
12.90	4.36	4.13	0.48	15.50	5.04	4.80	0.11
12.95	4.39	4.15	0.45	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.11	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.11	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.11	18.35	5.38	5.14	0.07
15.80	5.09	4.85	0.11	18.40	5.39	5.15	0.07
15.85	5.09	4.86	0.11	18.45	5.39	5.15	0.07
15.90	5.10	4.86	0.11	18.50	5.40	5.16	0.07
15.95	5.11	4.87	0.11	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.11	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.10	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.10	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.10	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.10	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.10	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.10	19.00	5.44	5.20	0.06
16.45	5.17	4.94	0.10	19.05	5.44	5.21	0.06
16.50	5.18	4.94	0.10	19.10	5.45	5.21	0.06
16.55	5.19	4.95	0.10	19.15	5.45	5.22	0.06
16.60	5.19	4.96	0.10	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.09	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.09	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.09	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.09	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.09	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.09	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.09	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.09	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.09	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.08	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.08	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.08	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.08	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.08	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.08	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.08	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.08	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.07	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.07	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

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

Summary for Subcatchment 2P: PDA-2 (pervious)

Runoff = 3.91 cfs @ 12.18 hrs, Volume= 0.295 af, Depth= 3.03"
 Routed to Pond B-2 : Basin #2

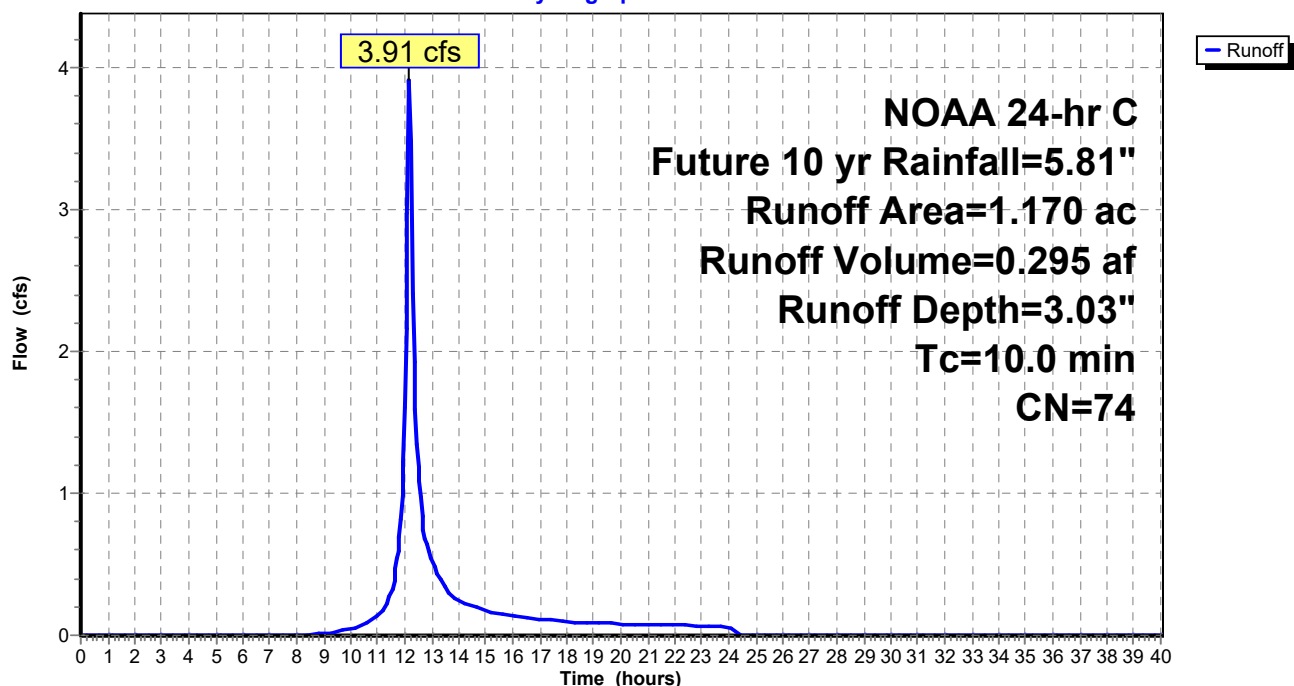
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.170	74	>75% Grass cover, Good, HSG C
1.170		100.00% Pervious Area

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

Subcatchment 2P: PDA-2 (pervious)

Hydrograph



Hydrograph for Subcatchment 2P: PDA-2 (pervious)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.05
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.05
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.06
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.06
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.06
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.07	13.00	4.42	1.91	0.53
10.45	1.18	0.06	0.07	13.05	4.44	1.93	0.50
10.50	1.20	0.06	0.07	13.10	4.46	1.94	0.47
10.55	1.21	0.06	0.08	13.15	4.48	1.96	0.45
10.60	1.23	0.07	0.08	13.20	4.50	1.98	0.42
10.65	1.25	0.07	0.09	13.25	4.52	1.99	0.41
10.70	1.27	0.08	0.09	13.30	4.54	2.01	0.39
10.75	1.29	0.08	0.10	13.35	4.56	2.02	0.37
10.80	1.31	0.09	0.11	13.40	4.58	2.03	0.36
10.85	1.33	0.09	0.11	13.45	4.60	2.05	0.34
10.90	1.35	0.10	0.12	13.50	4.61	2.06	0.33
10.95	1.37	0.11	0.13	13.55	4.63	2.07	0.32
11.00	1.39	0.11	0.14	13.60	4.64	2.08	0.30
11.05	1.42	0.12	0.15	13.65	4.66	2.09	0.29
11.10	1.45	0.13	0.16	13.70	4.67	2.10	0.28
11.15	1.48	0.14	0.18	13.75	4.68	2.12	0.27
11.20	1.51	0.15	0.19	13.80	4.70	2.13	0.26
11.25	1.54	0.16	0.21	13.85	4.71	2.14	0.26
11.30	1.57	0.17	0.23	13.90	4.72	2.15	0.25
11.35	1.61	0.18	0.24	13.95	4.74	2.16	0.25
11.40	1.64	0.20	0.26	14.00	4.75	2.17	0.25
11.45	1.68	0.21	0.28	14.05	4.76	2.18	0.24
11.50	1.72	0.23	0.31	14.10	4.78	2.19	0.24
11.55	1.78	0.25	0.33	14.15	4.79	2.20	0.24
11.60	1.83	0.28	0.39	14.20	4.80	2.21	0.23
11.65	1.90	0.30	0.47	14.25	4.81	2.21	0.23
11.70	1.96	0.33	0.54	14.30	4.82	2.22	0.22
11.75	2.04	0.37	0.60	14.35	4.83	2.23	0.22
11.80	2.13	0.41	0.69	14.40	4.85	2.24	0.22
11.85	2.25	0.47	0.81	14.45	4.86	2.25	0.21
11.90	2.36	0.53	0.99	14.50	4.87	2.26	0.21
11.95	2.57	0.65	1.23	14.55	4.88	2.27	0.20
12.00	2.77	0.77	1.61	14.60	4.89	2.27	0.20
12.05	3.11	0.98	2.16	14.65	4.90	2.28	0.20
12.10	3.45	1.20	2.97	14.70	4.91	2.29	0.19
12.15	3.56	1.28	3.80	14.75	4.92	2.30	0.19
12.20	3.68	1.37	3.83	14.80	4.93	2.31	0.19
12.25	3.77	1.43	3.12	14.85	4.94	2.31	0.18
12.30	3.85	1.49	2.41	14.90	4.94	2.32	0.18
12.35	3.91	1.53	1.93	14.95	4.95	2.33	0.17
12.40	3.98	1.58	1.59	15.00	4.96	2.33	0.17
12.45	4.03	1.62	1.34	15.05	4.97	2.34	0.17
12.50	4.09	1.67	1.19	15.10	4.98	2.35	0.16
12.55	4.13	1.69	1.09	15.15	4.99	2.35	0.16
12.60	4.17	1.72	0.97	15.20	4.99	2.36	0.15
12.65	4.20	1.75	0.84	15.25	5.00	2.37	0.15
12.70	4.24	1.77	0.74	15.30	5.01	2.37	0.15
12.75	4.27	1.80	0.68	15.35	5.02	2.38	0.15
12.80	4.30	1.82	0.64	15.40	5.03	2.38	0.15
12.85	4.33	1.85	0.61	15.45	5.03	2.39	0.15
12.90	4.36	1.87	0.58	15.50	5.04	2.40	0.15
12.95	4.39	1.89	0.55	15.55	5.05	2.40	0.15

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.14	18.20	5.37	2.66	0.09
15.65	5.06	2.41	0.14	18.25	5.37	2.67	0.09
15.70	5.07	2.42	0.14	18.30	5.38	2.67	0.09
15.75	5.08	2.43	0.14	18.35	5.38	2.67	0.09
15.80	5.09	2.43	0.14	18.40	5.39	2.68	0.09
15.85	5.09	2.44	0.14	18.45	5.39	2.68	0.09
15.90	5.10	2.44	0.14	18.50	5.40	2.68	0.09
15.95	5.11	2.45	0.14	18.55	5.40	2.69	0.09
16.00	5.11	2.46	0.14	18.60	5.40	2.69	0.09
16.05	5.12	2.46	0.14	18.65	5.41	2.69	0.09
16.10	5.13	2.47	0.13	18.70	5.41	2.70	0.09
16.15	5.13	2.47	0.13	18.75	5.42	2.70	0.09
16.20	5.14	2.48	0.13	18.80	5.42	2.71	0.09
16.25	5.15	2.48	0.13	18.85	5.43	2.71	0.09
16.30	5.16	2.49	0.13	18.90	5.43	2.71	0.09
16.35	5.16	2.49	0.13	18.95	5.44	2.72	0.09
16.40	5.17	2.50	0.13	19.00	5.44	2.72	0.09
16.45	5.17	2.50	0.13	19.05	5.44	2.72	0.09
16.50	5.18	2.51	0.13	19.10	5.45	2.73	0.09
16.55	5.19	2.52	0.13	19.15	5.45	2.73	0.09
16.60	5.19	2.52	0.12	19.20	5.46	2.73	0.08
16.65	5.20	2.53	0.12	19.25	5.46	2.74	0.08
16.70	5.21	2.53	0.12	19.30	5.47	2.74	0.08
16.75	5.21	2.54	0.12	19.35	5.47	2.75	0.08
16.80	5.22	2.54	0.12	19.40	5.48	2.75	0.08
16.85	5.23	2.55	0.12	19.45	5.48	2.75	0.08
16.90	5.23	2.55	0.12	19.50	5.48	2.76	0.08
16.95	5.24	2.55	0.12	19.55	5.49	2.76	0.08
17.00	5.24	2.56	0.12	19.60	5.49	2.76	0.08
17.05	5.25	2.56	0.11	19.65	5.50	2.77	0.08
17.10	5.25	2.57	0.11	19.70	5.50	2.77	0.08
17.15	5.26	2.57	0.11	19.75	5.50	2.77	0.08
17.20	5.27	2.58	0.11	19.80	5.51	2.78	0.08
17.25	5.27	2.58	0.11	19.85	5.51	2.78	0.08
17.30	5.28	2.59	0.11	19.90	5.52	2.78	0.08
17.35	5.28	2.59	0.11	19.95	5.52	2.79	0.08
17.40	5.29	2.60	0.11	20.00	5.53	2.79	0.08
17.45	5.29	2.60	0.11	20.05	5.53	2.79	0.08
17.50	5.30	2.61	0.11	20.10	5.53	2.80	0.08
17.55	5.30	2.61	0.10	20.15	5.54	2.80	0.08
17.60	5.31	2.61	0.10	20.20	5.54	2.80	0.08
17.65	5.31	2.62	0.10	20.25	5.55	2.81	0.08
17.70	5.32	2.62	0.10	20.30	5.55	2.81	0.08
17.75	5.33	2.63	0.10	20.35	5.55	2.81	0.08
17.80	5.33	2.63	0.10	20.40	5.56	2.82	0.08
17.85	5.34	2.63	0.10	20.45	5.56	2.82	0.08
17.90	5.34	2.64	0.10	20.50	5.57	2.82	0.08
17.95	5.34	2.64	0.10	20.55	5.57	2.83	0.08
18.00	5.35	2.65	0.09	20.60	5.57	2.83	0.08
18.05	5.35	2.65	0.09	20.65	5.58	2.83	0.08
18.10	5.36	2.65	0.09	20.70	5.58	2.84	0.08
18.15	5.36	2.66	0.09	20.75	5.59	2.84	0.08

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.08	23.40	5.77	2.99	0.06
20.85	5.59	2.85	0.08	23.45	5.78	3.00	0.06
20.90	5.60	2.85	0.08	23.50	5.78	3.00	0.06
20.95	5.60	2.85	0.08	23.55	5.78	3.00	0.06
21.00	5.61	2.86	0.08	23.60	5.78	3.00	0.06
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.06
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.06
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.06
21.20	5.62	2.87	0.07	23.80	5.80	3.01	0.06
21.25	5.62	2.87	0.07	23.85	5.80	3.02	0.06
21.30	5.63	2.87	0.07	23.90	5.80	3.02	0.06
21.35	5.63	2.88	0.07	23.95	5.81	3.02	0.06
21.40	5.64	2.88	0.07	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.07	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.07	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.07	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.07	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.07	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.07	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.07	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.07	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.07	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.07	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.07	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.07	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.07	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.07	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.07	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.07	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.07	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.07	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.07	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.07	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.07	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.07	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.07	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.07	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.07	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.07	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.07	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.07	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.06	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.06	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

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

Summary for Subcatchment 3I: PDA-3 (impervious)

Runoff = 3.16 cfs @ 12.17 hrs, Volume= 0.277 af, Depth= 5.57"
 Routed to Pond B-3 : Basin #3

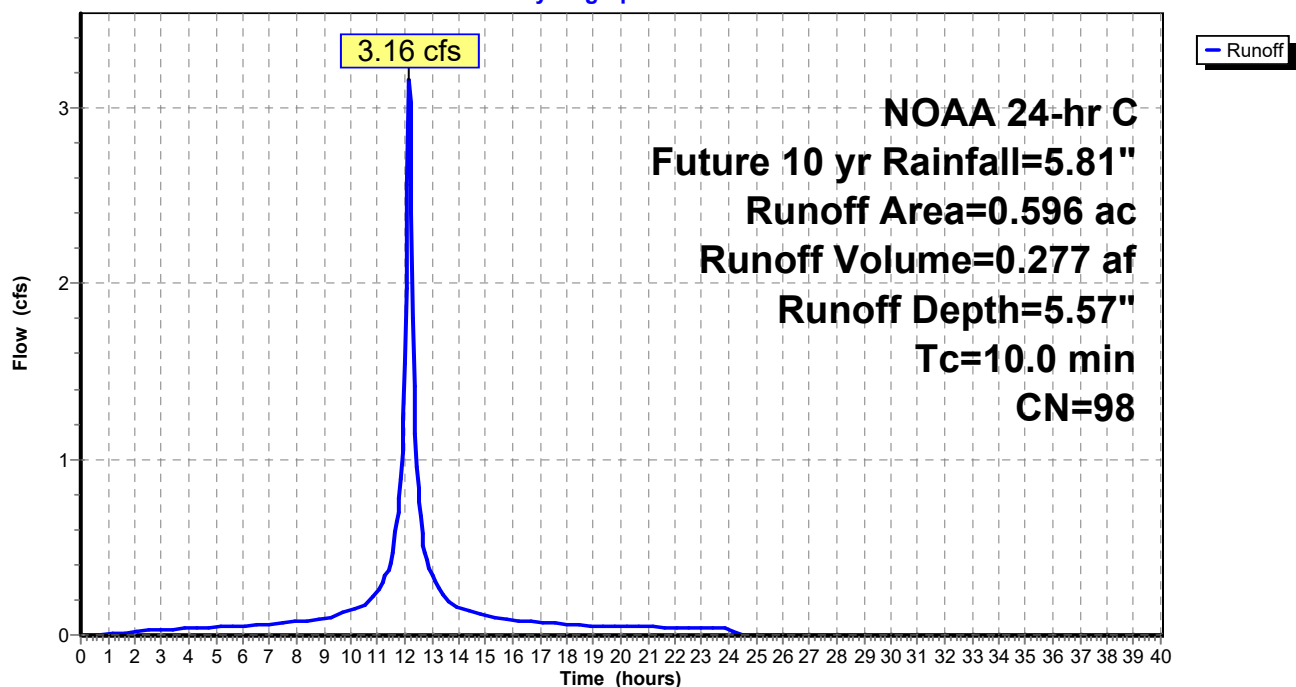
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.304	98	Pavement, HSG C
* 0.035	98	Concrete, HSG C
0.257	98	Unconnected roofs, HSG C
0.596	98	Weighted Average
0.596		100.00% Impervious Area
0.257		43.12% Unconnected

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

Subcatchment 3I: PDA-3 (impervious)

Hydrograph



Hydrograph for Subcatchment 3I: PDA-3 (impervious)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.16	13.00	4.42	4.18	0.35
10.45	1.18	0.97	0.16	13.05	4.44	4.20	0.33
10.50	1.20	0.98	0.17	13.10	4.46	4.23	0.32
10.55	1.21	1.00	0.17	13.15	4.48	4.25	0.30
10.60	1.23	1.02	0.18	13.20	4.50	4.27	0.28
10.65	1.25	1.03	0.18	13.25	4.52	4.29	0.27
10.70	1.27	1.05	0.19	13.30	4.54	4.31	0.26
10.75	1.29	1.07	0.20	13.35	4.56	4.33	0.25
10.80	1.31	1.09	0.21	13.40	4.58	4.34	0.24
10.85	1.33	1.11	0.22	13.45	4.60	4.36	0.23
10.90	1.35	1.13	0.23	13.50	4.61	4.38	0.22
10.95	1.37	1.15	0.24	13.55	4.63	4.39	0.21
11.00	1.39	1.18	0.25	13.60	4.64	4.41	0.20
11.05	1.42	1.20	0.26	13.65	4.66	4.42	0.19
11.10	1.45	1.23	0.28	13.70	4.67	4.43	0.18
11.15	1.48	1.26	0.29	13.75	4.68	4.45	0.18
11.20	1.51	1.29	0.31	13.80	4.70	4.46	0.17
11.25	1.54	1.32	0.33	13.85	4.71	4.48	0.17
11.30	1.57	1.35	0.34	13.90	4.72	4.49	0.17
11.35	1.61	1.38	0.36	13.95	4.74	4.50	0.16
11.40	1.64	1.42	0.38	14.00	4.75	4.51	0.16
11.45	1.68	1.46	0.40	14.05	4.76	4.53	0.16
11.50	1.72	1.49	0.42	14.10	4.78	4.54	0.16
11.55	1.78	1.55	0.44	14.15	4.79	4.55	0.15
11.60	1.83	1.61	0.50	14.20	4.80	4.56	0.15
11.65	1.90	1.67	0.58	14.25	4.81	4.57	0.15
11.70	1.96	1.73	0.65	14.30	4.82	4.59	0.15
11.75	2.04	1.82	0.70	14.35	4.83	4.60	0.14
11.80	2.13	1.90	0.78	14.40	4.85	4.61	0.14
11.85	2.25	2.02	0.89	14.45	4.86	4.62	0.14
11.90	2.36	2.13	1.04	14.50	4.87	4.63	0.13
11.95	2.57	2.34	1.23	14.55	4.88	4.64	0.13
12.00	2.77	2.54	1.55	14.60	4.89	4.65	0.13
12.05	3.11	2.88	1.97	14.65	4.90	4.66	0.13
12.10	3.45	3.21	2.56	14.70	4.91	4.67	0.12
12.15	3.56	3.33	3.11	14.75	4.92	4.68	0.12
12.20	3.68	3.45	3.03	14.80	4.93	4.69	0.12
12.25	3.77	3.53	2.40	14.85	4.94	4.70	0.12
12.30	3.85	3.62	1.81	14.90	4.94	4.71	0.11
12.35	3.91	3.68	1.42	14.95	4.95	4.72	0.11
12.40	3.98	3.74	1.15	15.00	4.96	4.72	0.11
12.45	4.03	3.80	0.96	15.05	4.97	4.73	0.11
12.50	4.09	3.86	0.84	15.10	4.98	4.74	0.10
12.55	4.13	3.90	0.76	15.15	4.99	4.75	0.10
12.60	4.17	3.93	0.67	15.20	4.99	4.76	0.10
12.65	4.20	3.97	0.58	15.25	5.00	4.76	0.10
12.70	4.24	4.00	0.51	15.30	5.01	4.77	0.10
12.75	4.27	4.04	0.47	15.35	5.02	4.78	0.10
12.80	4.30	4.07	0.44	15.40	5.03	4.79	0.10
12.85	4.33	4.10	0.41	15.45	5.03	4.80	0.09
12.90	4.36	4.13	0.39	15.50	5.04	4.80	0.09
12.95	4.39	4.15	0.37	15.55	5.05	4.81	0.09

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.05	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.05	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.05	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.05	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.05	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.04
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

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

Summary for Subcatchment 3P: PDA-3 (pervious)

Runoff = 3.20 cfs @ 12.18 hrs, Volume= 0.242 af, Depth= 3.03"
 Routed to Pond B-3 : Basin #3

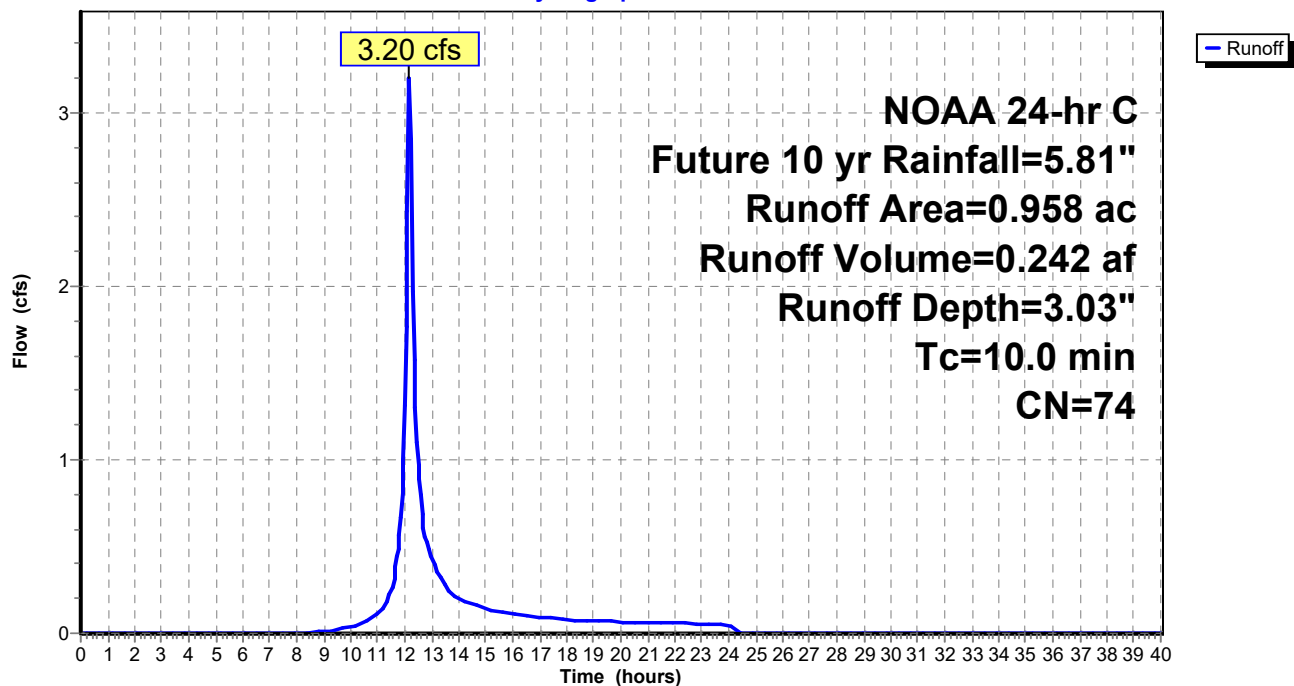
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.958	74	>75% Grass cover, Good, HSG C
0.958		100.00% Pervious Area

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

Subcatchment 3P: PDA-3 (pervious)

Hydrograph



Hydrograph for Subcatchment 3P: PDA-3 (pervious)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.43
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.41
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.39
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.37
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.35
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.33
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.32
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.31
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.29
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.28
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.27
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.26
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.25
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.23
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.23
11.15	1.48	0.14	0.14	13.75	4.68	2.12	0.22
11.20	1.51	0.15	0.16	13.80	4.70	2.13	0.22
11.25	1.54	0.16	0.17	13.85	4.71	2.14	0.21
11.30	1.57	0.17	0.19	13.90	4.72	2.15	0.21
11.35	1.61	0.18	0.20	13.95	4.74	2.16	0.21
11.40	1.64	0.20	0.22	14.00	4.75	2.17	0.20
11.45	1.68	0.21	0.23	14.05	4.76	2.18	0.20
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.20
11.55	1.78	0.25	0.27	14.15	4.79	2.20	0.19
11.60	1.83	0.28	0.32	14.20	4.80	2.21	0.19
11.65	1.90	0.30	0.38	14.25	4.81	2.21	0.19
11.70	1.96	0.33	0.44	14.30	4.82	2.22	0.18
11.75	2.04	0.37	0.49	14.35	4.83	2.23	0.18
11.80	2.13	0.41	0.56	14.40	4.85	2.24	0.18
11.85	2.25	0.47	0.67	14.45	4.86	2.25	0.17
11.90	2.36	0.53	0.81	14.50	4.87	2.26	0.17
11.95	2.57	0.65	1.00	14.55	4.88	2.27	0.17
12.00	2.77	0.77	1.32	14.60	4.89	2.27	0.16
12.05	3.11	0.98	1.77	14.65	4.90	2.28	0.16
12.10	3.45	1.20	2.43	14.70	4.91	2.29	0.16
12.15	3.56	1.28	3.12	14.75	4.92	2.30	0.15
12.20	3.68	1.37	3.14	14.80	4.93	2.31	0.15
12.25	3.77	1.43	2.55	14.85	4.94	2.31	0.15
12.30	3.85	1.49	1.97	14.90	4.94	2.32	0.15
12.35	3.91	1.53	1.58	14.95	4.95	2.33	0.14
12.40	3.98	1.58	1.30	15.00	4.96	2.33	0.14
12.45	4.03	1.62	1.10	15.05	4.97	2.34	0.14
12.50	4.09	1.67	0.97	15.10	4.98	2.35	0.13
12.55	4.13	1.69	0.89	15.15	4.99	2.35	0.13
12.60	4.17	1.72	0.80	15.20	4.99	2.36	0.13
12.65	4.20	1.75	0.69	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.61	15.30	5.01	2.37	0.12
12.75	4.27	1.80	0.56	15.35	5.02	2.38	0.12
12.80	4.30	1.82	0.53	15.40	5.03	2.38	0.12
12.85	4.33	1.85	0.50	15.45	5.03	2.39	0.12
12.90	4.36	1.87	0.48	15.50	5.04	2.40	0.12
12.95	4.39	1.89	0.45	15.55	5.05	2.40	0.12

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.12	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.12	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.11	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.11	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.11	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.11	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.11	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.11	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.11	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.10	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.10	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.10	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.09	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.09	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

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

Summary for Subcatchment 4AI: PDA-4A (impervious)

Runoff = 4.56 cfs @ 12.17 hrs, Volume= 0.399 af, Depth= 5.57"
 Routed to Pond B-4A : Basin #4A

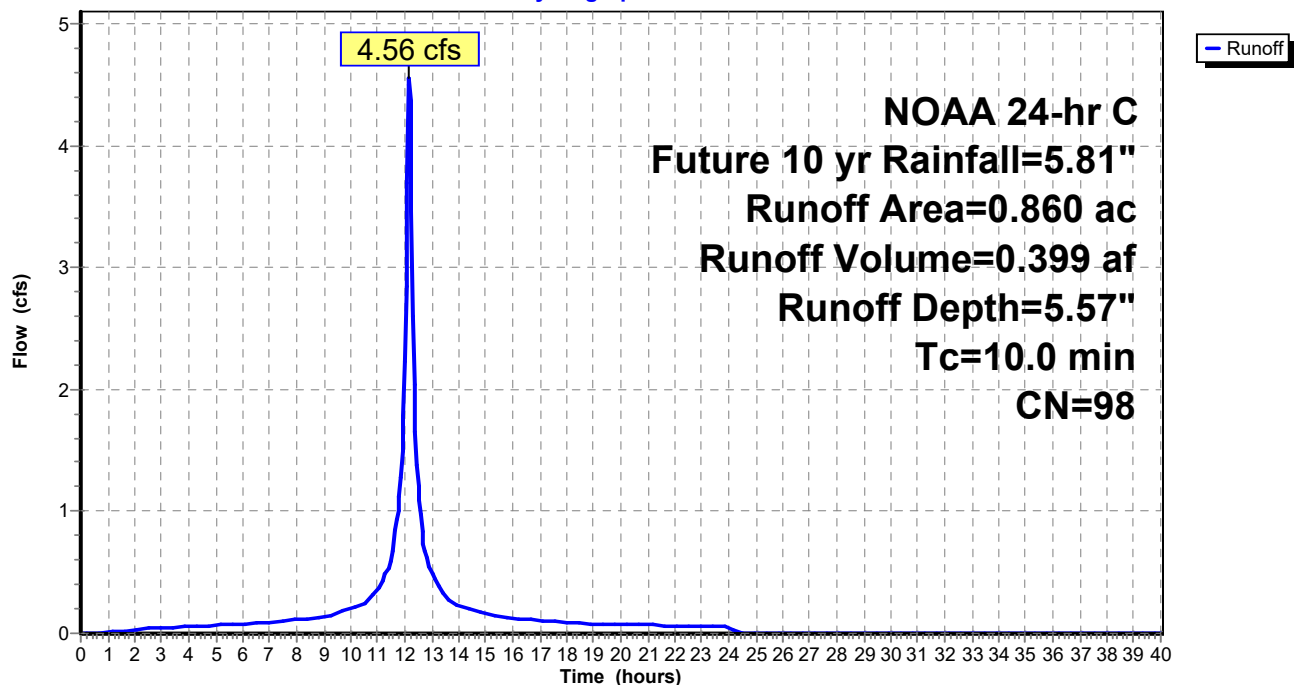
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4AI: PDA-4A (impervious)

Hydrograph



Hydrograph for Subcatchment 4AI: PDA-4A (impervious)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.14
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.14
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.15
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.16
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.17
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.17
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.18
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.18
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.19
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.20
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.20
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.21
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.21
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.21
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.22
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.22
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.23
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.23

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.23	13.00	4.42	4.18	0.51
10.45	1.18	0.97	0.24	13.05	4.44	4.20	0.48
10.50	1.20	0.98	0.24	13.10	4.46	4.23	0.46
10.55	1.21	1.00	0.25	13.15	4.48	4.25	0.43
10.60	1.23	1.02	0.25	13.20	4.50	4.27	0.41
10.65	1.25	1.03	0.26	13.25	4.52	4.29	0.39
10.70	1.27	1.05	0.28	13.30	4.54	4.31	0.37
10.75	1.29	1.07	0.29	13.35	4.56	4.33	0.36
10.80	1.31	1.09	0.31	13.40	4.58	4.34	0.34
10.85	1.33	1.11	0.32	13.45	4.60	4.36	0.33
10.90	1.35	1.13	0.33	13.50	4.61	4.38	0.31
10.95	1.37	1.15	0.35	13.55	4.63	4.39	0.30
11.00	1.39	1.18	0.36	13.60	4.64	4.41	0.28
11.05	1.42	1.20	0.38	13.65	4.66	4.42	0.27
11.10	1.45	1.23	0.40	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.42	13.75	4.68	4.45	0.25
11.20	1.51	1.29	0.45	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.47	13.85	4.71	4.48	0.24
11.30	1.57	1.35	0.50	13.90	4.72	4.49	0.24
11.35	1.61	1.38	0.52	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.55	14.00	4.75	4.51	0.23
11.45	1.68	1.46	0.58	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.60	14.10	4.78	4.54	0.22
11.55	1.78	1.55	0.64	14.15	4.79	4.55	0.22
11.60	1.83	1.61	0.72	14.20	4.80	4.56	0.22
11.65	1.90	1.67	0.84	14.25	4.81	4.57	0.21
11.70	1.96	1.73	0.94	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.01	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.12	14.40	4.85	4.61	0.20
11.85	2.25	2.02	1.28	14.45	4.86	4.62	0.20
11.90	2.36	2.13	1.50	14.50	4.87	4.63	0.19
11.95	2.57	2.34	1.78	14.55	4.88	4.64	0.19
12.00	2.77	2.54	2.23	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.84	14.65	4.90	4.66	0.18
12.10	3.45	3.21	3.69	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.49	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.37	14.80	4.93	4.69	0.17
12.25	3.77	3.53	3.46	14.85	4.94	4.70	0.17
12.30	3.85	3.62	2.61	14.90	4.94	4.71	0.16
12.35	3.91	3.68	2.05	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.66	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.38	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.21	15.10	4.98	4.74	0.15
12.55	4.13	3.90	1.10	15.15	4.99	4.75	0.15
12.60	4.17	3.93	0.97	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.83	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.73	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.67	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.63	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.60	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.57	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.54	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

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

Summary for Subcatchment 4AP: PDA-4A (pervious)

Runoff = 4.92 cfs @ 12.18 hrs, Volume= 0.371 af, Depth= 3.03"
 Routed to Pond B-4A : Basin #4A

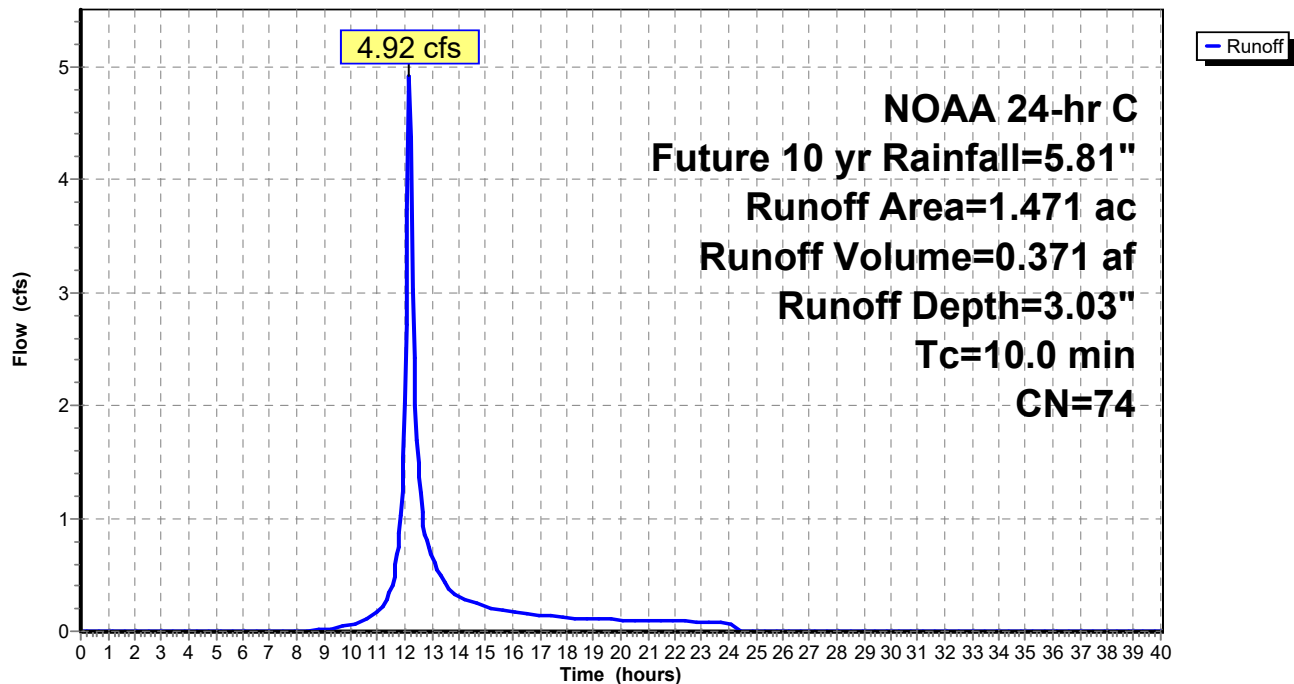
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4AP: PDA-4A (pervious)

Hydrograph



Hydrograph for Subcatchment 4AP: PDA-4A (pervious)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.66
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.63
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.59
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.56
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.53
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.51
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.49
10.75	1.29	0.08	0.12	13.35	4.56	2.02	0.47
10.80	1.31	0.09	0.13	13.40	4.58	2.03	0.45
10.85	1.33	0.09	0.14	13.45	4.60	2.05	0.43
10.90	1.35	0.10	0.15	13.50	4.61	2.06	0.41
10.95	1.37	0.11	0.16	13.55	4.63	2.07	0.40
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.38
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.36
11.10	1.45	0.13	0.20	13.70	4.67	2.10	0.35
11.15	1.48	0.14	0.22	13.75	4.68	2.12	0.34
11.20	1.51	0.15	0.24	13.80	4.70	2.13	0.33
11.25	1.54	0.16	0.26	13.85	4.71	2.14	0.33
11.30	1.57	0.17	0.28	13.90	4.72	2.15	0.32
11.35	1.61	0.18	0.31	13.95	4.74	2.16	0.32
11.40	1.64	0.20	0.33	14.00	4.75	2.17	0.31
11.45	1.68	0.21	0.36	14.05	4.76	2.18	0.31
11.50	1.72	0.23	0.38	14.10	4.78	2.19	0.30
11.55	1.78	0.25	0.42	14.15	4.79	2.20	0.30
11.60	1.83	0.28	0.49	14.20	4.80	2.21	0.29
11.65	1.90	0.30	0.59	14.25	4.81	2.21	0.29
11.70	1.96	0.33	0.68	14.30	4.82	2.22	0.28
11.75	2.04	0.37	0.75	14.35	4.83	2.23	0.28
11.80	2.13	0.41	0.87	14.40	4.85	2.24	0.27
11.85	2.25	0.47	1.02	14.45	4.86	2.25	0.27
11.90	2.36	0.53	1.24	14.50	4.87	2.26	0.26
11.95	2.57	0.65	1.54	14.55	4.88	2.27	0.26
12.00	2.77	0.77	2.02	14.60	4.89	2.27	0.25
12.05	3.11	0.98	2.72	14.65	4.90	2.28	0.25
12.10	3.45	1.20	3.73	14.70	4.91	2.29	0.24
12.15	3.56	1.28	4.78	14.75	4.92	2.30	0.24
12.20	3.68	1.37	4.82	14.80	4.93	2.31	0.23
12.25	3.77	1.43	3.92	14.85	4.94	2.31	0.23
12.30	3.85	1.49	3.03	14.90	4.94	2.32	0.22
12.35	3.91	1.53	2.42	14.95	4.95	2.33	0.22
12.40	3.98	1.58	2.00	15.00	4.96	2.33	0.21
12.45	4.03	1.62	1.69	15.05	4.97	2.34	0.21
12.50	4.09	1.67	1.49	15.10	4.98	2.35	0.20
12.55	4.13	1.69	1.37	15.15	4.99	2.35	0.20
12.60	4.17	1.72	1.23	15.20	4.99	2.36	0.19
12.65	4.20	1.75	1.06	15.25	5.00	2.37	0.19
12.70	4.24	1.77	0.93	15.30	5.01	2.37	0.19
12.75	4.27	1.80	0.86	15.35	5.02	2.38	0.19
12.80	4.30	1.82	0.81	15.40	5.03	2.38	0.19
12.85	4.33	1.85	0.77	15.45	5.03	2.39	0.19
12.90	4.36	1.87	0.73	15.50	5.04	2.40	0.18
12.95	4.39	1.89	0.70	15.55	5.05	2.40	0.18

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.18	18.20	5.37	2.66	0.11
15.65	5.06	2.41	0.18	18.25	5.37	2.67	0.11
15.70	5.07	2.42	0.18	18.30	5.38	2.67	0.11
15.75	5.08	2.43	0.18	18.35	5.38	2.67	0.11
15.80	5.09	2.43	0.18	18.40	5.39	2.68	0.11
15.85	5.09	2.44	0.18	18.45	5.39	2.68	0.11
15.90	5.10	2.44	0.17	18.50	5.40	2.68	0.11
15.95	5.11	2.45	0.17	18.55	5.40	2.69	0.11
16.00	5.11	2.46	0.17	18.60	5.40	2.69	0.11
16.05	5.12	2.46	0.17	18.65	5.41	2.69	0.11
16.10	5.13	2.47	0.17	18.70	5.41	2.70	0.11
16.15	5.13	2.47	0.17	18.75	5.42	2.70	0.11
16.20	5.14	2.48	0.17	18.80	5.42	2.71	0.11
16.25	5.15	2.48	0.17	18.85	5.43	2.71	0.11
16.30	5.16	2.49	0.16	18.90	5.43	2.71	0.11
16.35	5.16	2.49	0.16	18.95	5.44	2.72	0.11
16.40	5.17	2.50	0.16	19.00	5.44	2.72	0.11
16.45	5.17	2.50	0.16	19.05	5.44	2.72	0.11
16.50	5.18	2.51	0.16	19.10	5.45	2.73	0.11
16.55	5.19	2.52	0.16	19.15	5.45	2.73	0.11
16.60	5.19	2.52	0.16	19.20	5.46	2.73	0.11
16.65	5.20	2.53	0.15	19.25	5.46	2.74	0.11
16.70	5.21	2.53	0.15	19.30	5.47	2.74	0.11
16.75	5.21	2.54	0.15	19.35	5.47	2.75	0.11
16.80	5.22	2.54	0.15	19.40	5.48	2.75	0.11
16.85	5.23	2.55	0.15	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.15	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.15	19.55	5.49	2.76	0.10
17.00	5.24	2.56	0.15	19.60	5.49	2.76	0.10
17.05	5.25	2.56	0.14	19.65	5.50	2.77	0.10
17.10	5.25	2.57	0.14	19.70	5.50	2.77	0.10
17.15	5.26	2.57	0.14	19.75	5.50	2.77	0.10
17.20	5.27	2.58	0.14	19.80	5.51	2.78	0.10
17.25	5.27	2.58	0.14	19.85	5.51	2.78	0.10
17.30	5.28	2.59	0.14	19.90	5.52	2.78	0.10
17.35	5.28	2.59	0.14	19.95	5.52	2.79	0.10
17.40	5.29	2.60	0.13	20.00	5.53	2.79	0.10
17.45	5.29	2.60	0.13	20.05	5.53	2.79	0.10
17.50	5.30	2.61	0.13	20.10	5.53	2.80	0.10
17.55	5.30	2.61	0.13	20.15	5.54	2.80	0.10
17.60	5.31	2.61	0.13	20.20	5.54	2.80	0.10
17.65	5.31	2.62	0.13	20.25	5.55	2.81	0.10
17.70	5.32	2.62	0.13	20.30	5.55	2.81	0.10
17.75	5.33	2.63	0.13	20.35	5.55	2.81	0.10
17.80	5.33	2.63	0.12	20.40	5.56	2.82	0.10
17.85	5.34	2.63	0.12	20.45	5.56	2.82	0.10
17.90	5.34	2.64	0.12	20.50	5.57	2.82	0.10
17.95	5.34	2.64	0.12	20.55	5.57	2.83	0.10
18.00	5.35	2.65	0.12	20.60	5.57	2.83	0.10
18.05	5.35	2.65	0.12	20.65	5.58	2.83	0.10
18.10	5.36	2.65	0.12	20.70	5.58	2.84	0.10
18.15	5.36	2.66	0.11	20.75	5.59	2.84	0.10

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.10	23.40	5.77	2.99	0.08
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.08
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.08
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.09	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.09	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.09	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.09	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.09	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.09	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.09	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.09	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.09	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.09	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.09	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.09	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.09	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.09	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.09	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.09	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.08	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.08	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.08	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.08	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

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

Summary for Subcatchment 4BI: PDA-4B (impervious)

Runoff = 4.56 cfs @ 12.17 hrs, Volume= 0.399 af, Depth= 5.57"
 Routed to Pond B-4B : Basin #4B

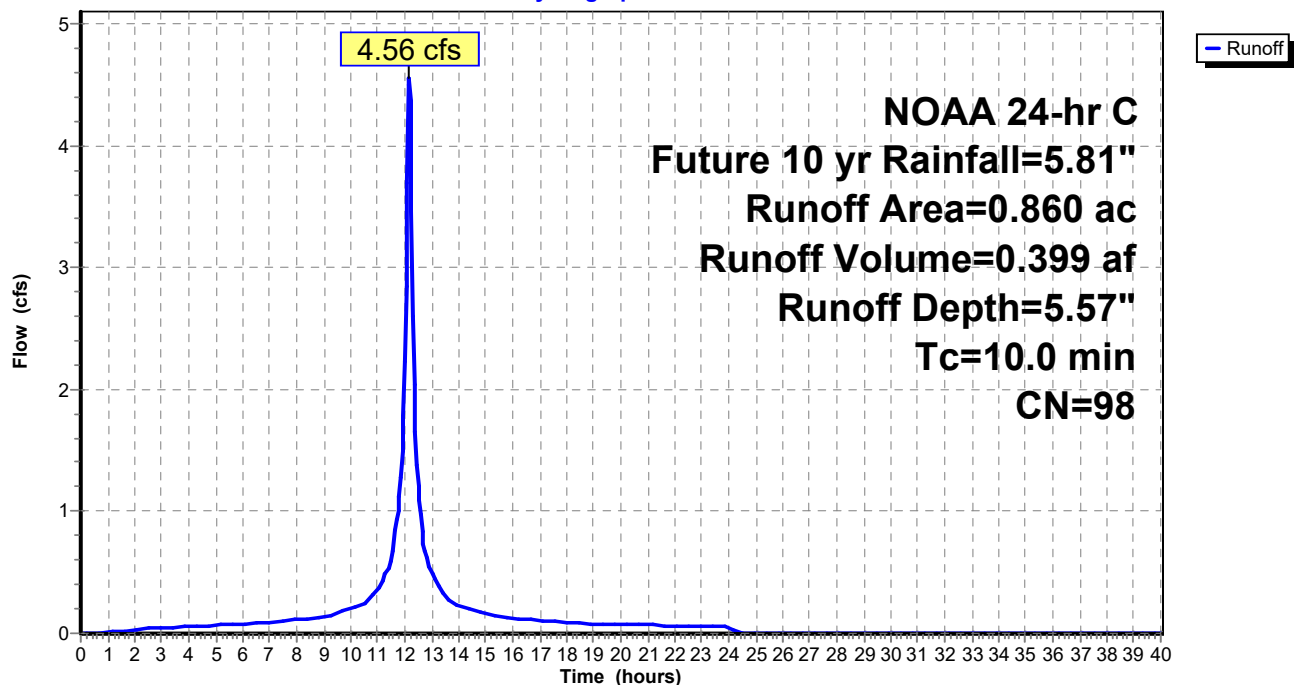
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4BI: PDA-4B (impervious)

Hydrograph



Hydrograph for Subcatchment 4BI: PDA-4B (impervious)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.14
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.14
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.15
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.16
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.17
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.17
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.18
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.18
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.19
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.20
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.20
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.21
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.21
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.21
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.22
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.22
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.23
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.23

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.23	13.00	4.42	4.18	0.51
10.45	1.18	0.97	0.24	13.05	4.44	4.20	0.48
10.50	1.20	0.98	0.24	13.10	4.46	4.23	0.46
10.55	1.21	1.00	0.25	13.15	4.48	4.25	0.43
10.60	1.23	1.02	0.25	13.20	4.50	4.27	0.41
10.65	1.25	1.03	0.26	13.25	4.52	4.29	0.39
10.70	1.27	1.05	0.28	13.30	4.54	4.31	0.37
10.75	1.29	1.07	0.29	13.35	4.56	4.33	0.36
10.80	1.31	1.09	0.31	13.40	4.58	4.34	0.34
10.85	1.33	1.11	0.32	13.45	4.60	4.36	0.33
10.90	1.35	1.13	0.33	13.50	4.61	4.38	0.31
10.95	1.37	1.15	0.35	13.55	4.63	4.39	0.30
11.00	1.39	1.18	0.36	13.60	4.64	4.41	0.28
11.05	1.42	1.20	0.38	13.65	4.66	4.42	0.27
11.10	1.45	1.23	0.40	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.42	13.75	4.68	4.45	0.25
11.20	1.51	1.29	0.45	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.47	13.85	4.71	4.48	0.24
11.30	1.57	1.35	0.50	13.90	4.72	4.49	0.24
11.35	1.61	1.38	0.52	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.55	14.00	4.75	4.51	0.23
11.45	1.68	1.46	0.58	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.60	14.10	4.78	4.54	0.22
11.55	1.78	1.55	0.64	14.15	4.79	4.55	0.22
11.60	1.83	1.61	0.72	14.20	4.80	4.56	0.22
11.65	1.90	1.67	0.84	14.25	4.81	4.57	0.21
11.70	1.96	1.73	0.94	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.01	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.12	14.40	4.85	4.61	0.20
11.85	2.25	2.02	1.28	14.45	4.86	4.62	0.20
11.90	2.36	2.13	1.50	14.50	4.87	4.63	0.19
11.95	2.57	2.34	1.78	14.55	4.88	4.64	0.19
12.00	2.77	2.54	2.23	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.84	14.65	4.90	4.66	0.18
12.10	3.45	3.21	3.69	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.49	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.37	14.80	4.93	4.69	0.17
12.25	3.77	3.53	3.46	14.85	4.94	4.70	0.17
12.30	3.85	3.62	2.61	14.90	4.94	4.71	0.16
12.35	3.91	3.68	2.05	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.66	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.38	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.21	15.10	4.98	4.74	0.15
12.55	4.13	3.90	1.10	15.15	4.99	4.75	0.15
12.60	4.17	3.93	0.97	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.83	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.73	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.67	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.63	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.60	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.57	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.54	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

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

Summary for Subcatchment 4BP: PDA-4B (pervious)

Runoff = 4.92 cfs @ 12.18 hrs, Volume= 0.371 af, Depth= 3.03"
 Routed to Pond B-4B : Basin #4B

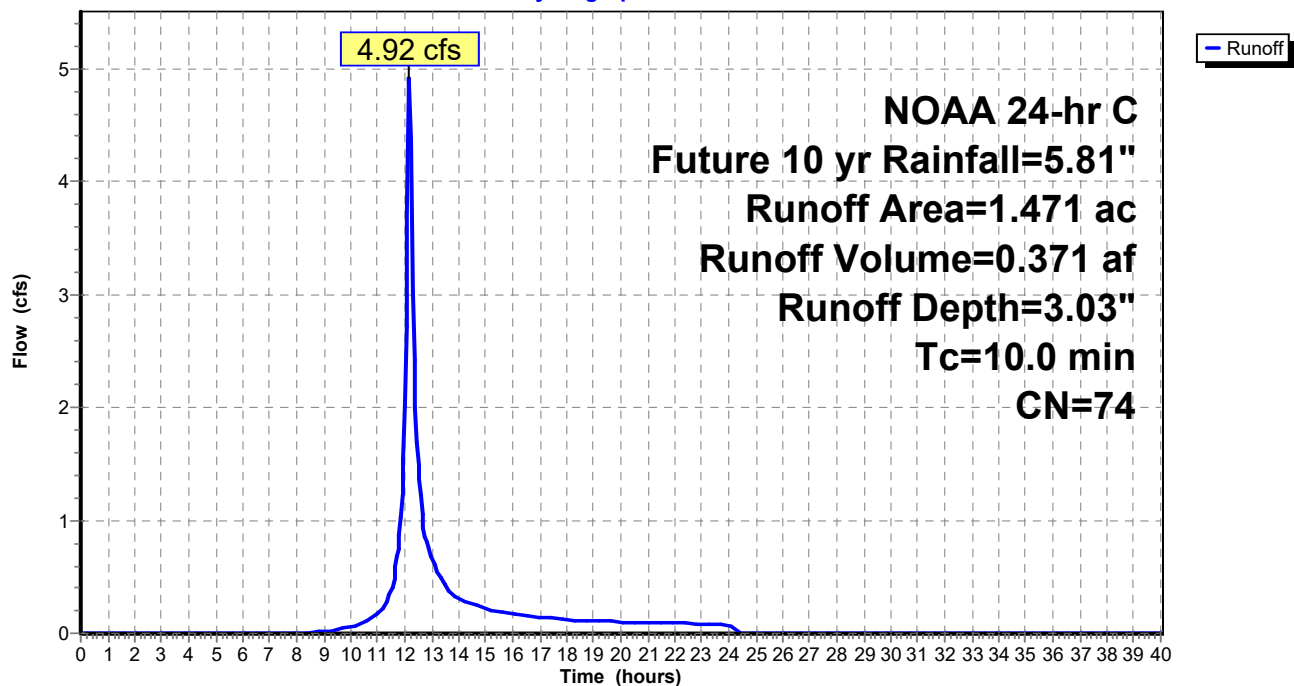
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4BP: PDA-4B (pervious)

Hydrograph



Hydrograph for Subcatchment 4BP: PDA-4B (pervious)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.66
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.63
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.59
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.56
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.53
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.51
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.49
10.75	1.29	0.08	0.12	13.35	4.56	2.02	0.47
10.80	1.31	0.09	0.13	13.40	4.58	2.03	0.45
10.85	1.33	0.09	0.14	13.45	4.60	2.05	0.43
10.90	1.35	0.10	0.15	13.50	4.61	2.06	0.41
10.95	1.37	0.11	0.16	13.55	4.63	2.07	0.40
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.38
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.36
11.10	1.45	0.13	0.20	13.70	4.67	2.10	0.35
11.15	1.48	0.14	0.22	13.75	4.68	2.12	0.34
11.20	1.51	0.15	0.24	13.80	4.70	2.13	0.33
11.25	1.54	0.16	0.26	13.85	4.71	2.14	0.33
11.30	1.57	0.17	0.28	13.90	4.72	2.15	0.32
11.35	1.61	0.18	0.31	13.95	4.74	2.16	0.32
11.40	1.64	0.20	0.33	14.00	4.75	2.17	0.31
11.45	1.68	0.21	0.36	14.05	4.76	2.18	0.31
11.50	1.72	0.23	0.38	14.10	4.78	2.19	0.30
11.55	1.78	0.25	0.42	14.15	4.79	2.20	0.30
11.60	1.83	0.28	0.49	14.20	4.80	2.21	0.29
11.65	1.90	0.30	0.59	14.25	4.81	2.21	0.29
11.70	1.96	0.33	0.68	14.30	4.82	2.22	0.28
11.75	2.04	0.37	0.75	14.35	4.83	2.23	0.28
11.80	2.13	0.41	0.87	14.40	4.85	2.24	0.27
11.85	2.25	0.47	1.02	14.45	4.86	2.25	0.27
11.90	2.36	0.53	1.24	14.50	4.87	2.26	0.26
11.95	2.57	0.65	1.54	14.55	4.88	2.27	0.26
12.00	2.77	0.77	2.02	14.60	4.89	2.27	0.25
12.05	3.11	0.98	2.72	14.65	4.90	2.28	0.25
12.10	3.45	1.20	3.73	14.70	4.91	2.29	0.24
12.15	3.56	1.28	4.78	14.75	4.92	2.30	0.24
12.20	3.68	1.37	4.82	14.80	4.93	2.31	0.23
12.25	3.77	1.43	3.92	14.85	4.94	2.31	0.23
12.30	3.85	1.49	3.03	14.90	4.94	2.32	0.22
12.35	3.91	1.53	2.42	14.95	4.95	2.33	0.22
12.40	3.98	1.58	2.00	15.00	4.96	2.33	0.21
12.45	4.03	1.62	1.69	15.05	4.97	2.34	0.21
12.50	4.09	1.67	1.49	15.10	4.98	2.35	0.20
12.55	4.13	1.69	1.37	15.15	4.99	2.35	0.20
12.60	4.17	1.72	1.23	15.20	4.99	2.36	0.19
12.65	4.20	1.75	1.06	15.25	5.00	2.37	0.19
12.70	4.24	1.77	0.93	15.30	5.01	2.37	0.19
12.75	4.27	1.80	0.86	15.35	5.02	2.38	0.19
12.80	4.30	1.82	0.81	15.40	5.03	2.38	0.19
12.85	4.33	1.85	0.77	15.45	5.03	2.39	0.19
12.90	4.36	1.87	0.73	15.50	5.04	2.40	0.18
12.95	4.39	1.89	0.70	15.55	5.05	2.40	0.18

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.18	18.20	5.37	2.66	0.11
15.65	5.06	2.41	0.18	18.25	5.37	2.67	0.11
15.70	5.07	2.42	0.18	18.30	5.38	2.67	0.11
15.75	5.08	2.43	0.18	18.35	5.38	2.67	0.11
15.80	5.09	2.43	0.18	18.40	5.39	2.68	0.11
15.85	5.09	2.44	0.18	18.45	5.39	2.68	0.11
15.90	5.10	2.44	0.17	18.50	5.40	2.68	0.11
15.95	5.11	2.45	0.17	18.55	5.40	2.69	0.11
16.00	5.11	2.46	0.17	18.60	5.40	2.69	0.11
16.05	5.12	2.46	0.17	18.65	5.41	2.69	0.11
16.10	5.13	2.47	0.17	18.70	5.41	2.70	0.11
16.15	5.13	2.47	0.17	18.75	5.42	2.70	0.11
16.20	5.14	2.48	0.17	18.80	5.42	2.71	0.11
16.25	5.15	2.48	0.17	18.85	5.43	2.71	0.11
16.30	5.16	2.49	0.16	18.90	5.43	2.71	0.11
16.35	5.16	2.49	0.16	18.95	5.44	2.72	0.11
16.40	5.17	2.50	0.16	19.00	5.44	2.72	0.11
16.45	5.17	2.50	0.16	19.05	5.44	2.72	0.11
16.50	5.18	2.51	0.16	19.10	5.45	2.73	0.11
16.55	5.19	2.52	0.16	19.15	5.45	2.73	0.11
16.60	5.19	2.52	0.16	19.20	5.46	2.73	0.11
16.65	5.20	2.53	0.15	19.25	5.46	2.74	0.11
16.70	5.21	2.53	0.15	19.30	5.47	2.74	0.11
16.75	5.21	2.54	0.15	19.35	5.47	2.75	0.11
16.80	5.22	2.54	0.15	19.40	5.48	2.75	0.11
16.85	5.23	2.55	0.15	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.15	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.15	19.55	5.49	2.76	0.10
17.00	5.24	2.56	0.15	19.60	5.49	2.76	0.10
17.05	5.25	2.56	0.14	19.65	5.50	2.77	0.10
17.10	5.25	2.57	0.14	19.70	5.50	2.77	0.10
17.15	5.26	2.57	0.14	19.75	5.50	2.77	0.10
17.20	5.27	2.58	0.14	19.80	5.51	2.78	0.10
17.25	5.27	2.58	0.14	19.85	5.51	2.78	0.10
17.30	5.28	2.59	0.14	19.90	5.52	2.78	0.10
17.35	5.28	2.59	0.14	19.95	5.52	2.79	0.10
17.40	5.29	2.60	0.13	20.00	5.53	2.79	0.10
17.45	5.29	2.60	0.13	20.05	5.53	2.79	0.10
17.50	5.30	2.61	0.13	20.10	5.53	2.80	0.10
17.55	5.30	2.61	0.13	20.15	5.54	2.80	0.10
17.60	5.31	2.61	0.13	20.20	5.54	2.80	0.10
17.65	5.31	2.62	0.13	20.25	5.55	2.81	0.10
17.70	5.32	2.62	0.13	20.30	5.55	2.81	0.10
17.75	5.33	2.63	0.13	20.35	5.55	2.81	0.10
17.80	5.33	2.63	0.12	20.40	5.56	2.82	0.10
17.85	5.34	2.63	0.12	20.45	5.56	2.82	0.10
17.90	5.34	2.64	0.12	20.50	5.57	2.82	0.10
17.95	5.34	2.64	0.12	20.55	5.57	2.83	0.10
18.00	5.35	2.65	0.12	20.60	5.57	2.83	0.10
18.05	5.35	2.65	0.12	20.65	5.58	2.83	0.10
18.10	5.36	2.65	0.12	20.70	5.58	2.84	0.10
18.15	5.36	2.66	0.11	20.75	5.59	2.84	0.10

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.10	23.40	5.77	2.99	0.08
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.08
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.08
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.09	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.09	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.09	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.09	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.09	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.09	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.09	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.09	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.09	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.09	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.09	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.09	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.09	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.09	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.09	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.09	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.08	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.08	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.08	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.08	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

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

Summary for Subcatchment 5I: PDA-5 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-5 : Basin #5

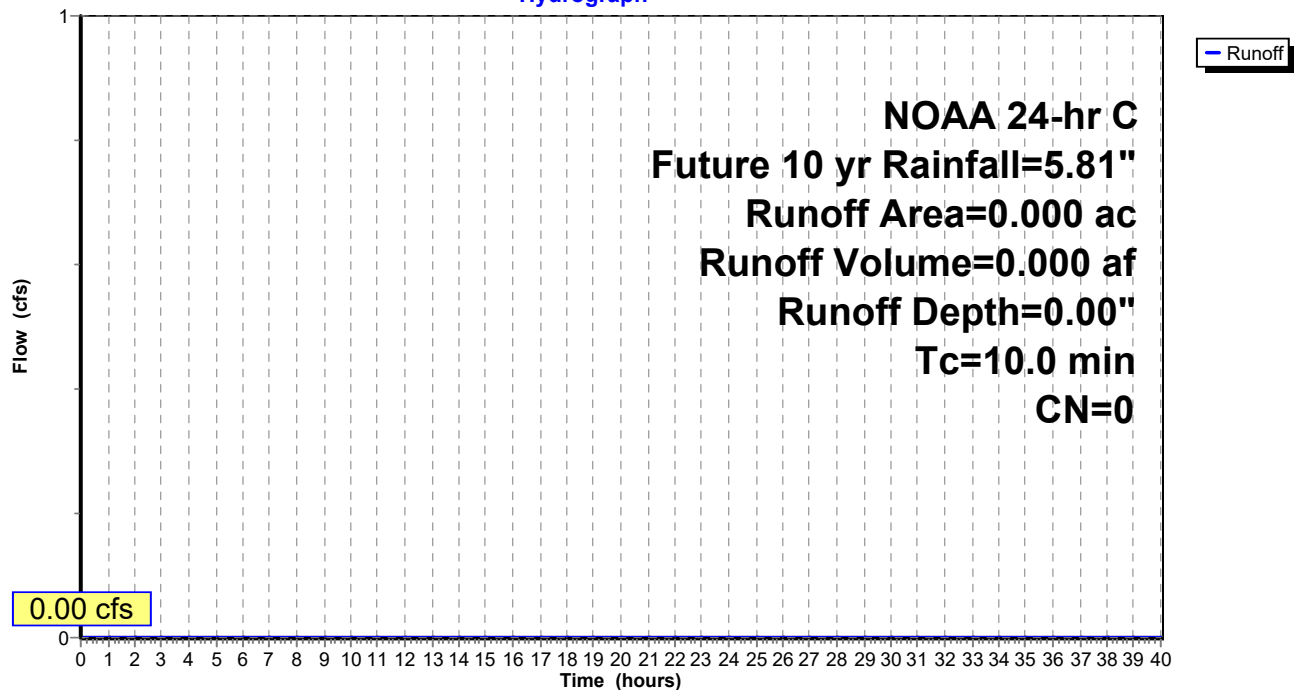
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 5I: PDA-5 (impervious)

Hydrograph



Hydrograph for Subcatchment 5I: PDA-5 (impervious)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.00	0.00	13.00	4.42	0.00	0.00
10.45	1.18	0.00	0.00	13.05	4.44	0.00	0.00
10.50	1.20	0.00	0.00	13.10	4.46	0.00	0.00
10.55	1.21	0.00	0.00	13.15	4.48	0.00	0.00
10.60	1.23	0.00	0.00	13.20	4.50	0.00	0.00
10.65	1.25	0.00	0.00	13.25	4.52	0.00	0.00
10.70	1.27	0.00	0.00	13.30	4.54	0.00	0.00
10.75	1.29	0.00	0.00	13.35	4.56	0.00	0.00
10.80	1.31	0.00	0.00	13.40	4.58	0.00	0.00
10.85	1.33	0.00	0.00	13.45	4.60	0.00	0.00
10.90	1.35	0.00	0.00	13.50	4.61	0.00	0.00
10.95	1.37	0.00	0.00	13.55	4.63	0.00	0.00
11.00	1.39	0.00	0.00	13.60	4.64	0.00	0.00
11.05	1.42	0.00	0.00	13.65	4.66	0.00	0.00
11.10	1.45	0.00	0.00	13.70	4.67	0.00	0.00
11.15	1.48	0.00	0.00	13.75	4.68	0.00	0.00
11.20	1.51	0.00	0.00	13.80	4.70	0.00	0.00
11.25	1.54	0.00	0.00	13.85	4.71	0.00	0.00
11.30	1.57	0.00	0.00	13.90	4.72	0.00	0.00
11.35	1.61	0.00	0.00	13.95	4.74	0.00	0.00
11.40	1.64	0.00	0.00	14.00	4.75	0.00	0.00
11.45	1.68	0.00	0.00	14.05	4.76	0.00	0.00
11.50	1.72	0.00	0.00	14.10	4.78	0.00	0.00
11.55	1.78	0.00	0.00	14.15	4.79	0.00	0.00
11.60	1.83	0.00	0.00	14.20	4.80	0.00	0.00
11.65	1.90	0.00	0.00	14.25	4.81	0.00	0.00
11.70	1.96	0.00	0.00	14.30	4.82	0.00	0.00
11.75	2.04	0.00	0.00	14.35	4.83	0.00	0.00
11.80	2.13	0.00	0.00	14.40	4.85	0.00	0.00
11.85	2.25	0.00	0.00	14.45	4.86	0.00	0.00
11.90	2.36	0.00	0.00	14.50	4.87	0.00	0.00
11.95	2.57	0.00	0.00	14.55	4.88	0.00	0.00
12.00	2.77	0.00	0.00	14.60	4.89	0.00	0.00
12.05	3.11	0.00	0.00	14.65	4.90	0.00	0.00
12.10	3.45	0.00	0.00	14.70	4.91	0.00	0.00
12.15	3.56	0.00	0.00	14.75	4.92	0.00	0.00
12.20	3.68	0.00	0.00	14.80	4.93	0.00	0.00
12.25	3.77	0.00	0.00	14.85	4.94	0.00	0.00
12.30	3.85	0.00	0.00	14.90	4.94	0.00	0.00
12.35	3.91	0.00	0.00	14.95	4.95	0.00	0.00
12.40	3.98	0.00	0.00	15.00	4.96	0.00	0.00
12.45	4.03	0.00	0.00	15.05	4.97	0.00	0.00
12.50	4.09	0.00	0.00	15.10	4.98	0.00	0.00
12.55	4.13	0.00	0.00	15.15	4.99	0.00	0.00
12.60	4.17	0.00	0.00	15.20	4.99	0.00	0.00
12.65	4.20	0.00	0.00	15.25	5.00	0.00	0.00
12.70	4.24	0.00	0.00	15.30	5.01	0.00	0.00
12.75	4.27	0.00	0.00	15.35	5.02	0.00	0.00
12.80	4.30	0.00	0.00	15.40	5.03	0.00	0.00
12.85	4.33	0.00	0.00	15.45	5.03	0.00	0.00
12.90	4.36	0.00	0.00	15.50	5.04	0.00	0.00
12.95	4.39	0.00	0.00	15.55	5.05	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	0.00	0.00	18.20	5.37	0.00	0.00
15.65	5.06	0.00	0.00	18.25	5.37	0.00	0.00
15.70	5.07	0.00	0.00	18.30	5.38	0.00	0.00
15.75	5.08	0.00	0.00	18.35	5.38	0.00	0.00
15.80	5.09	0.00	0.00	18.40	5.39	0.00	0.00
15.85	5.09	0.00	0.00	18.45	5.39	0.00	0.00
15.90	5.10	0.00	0.00	18.50	5.40	0.00	0.00
15.95	5.11	0.00	0.00	18.55	5.40	0.00	0.00
16.00	5.11	0.00	0.00	18.60	5.40	0.00	0.00
16.05	5.12	0.00	0.00	18.65	5.41	0.00	0.00
16.10	5.13	0.00	0.00	18.70	5.41	0.00	0.00
16.15	5.13	0.00	0.00	18.75	5.42	0.00	0.00
16.20	5.14	0.00	0.00	18.80	5.42	0.00	0.00
16.25	5.15	0.00	0.00	18.85	5.43	0.00	0.00
16.30	5.16	0.00	0.00	18.90	5.43	0.00	0.00
16.35	5.16	0.00	0.00	18.95	5.44	0.00	0.00
16.40	5.17	0.00	0.00	19.00	5.44	0.00	0.00
16.45	5.17	0.00	0.00	19.05	5.44	0.00	0.00
16.50	5.18	0.00	0.00	19.10	5.45	0.00	0.00
16.55	5.19	0.00	0.00	19.15	5.45	0.00	0.00
16.60	5.19	0.00	0.00	19.20	5.46	0.00	0.00
16.65	5.20	0.00	0.00	19.25	5.46	0.00	0.00
16.70	5.21	0.00	0.00	19.30	5.47	0.00	0.00
16.75	5.21	0.00	0.00	19.35	5.47	0.00	0.00
16.80	5.22	0.00	0.00	19.40	5.48	0.00	0.00
16.85	5.23	0.00	0.00	19.45	5.48	0.00	0.00
16.90	5.23	0.00	0.00	19.50	5.48	0.00	0.00
16.95	5.24	0.00	0.00	19.55	5.49	0.00	0.00
17.00	5.24	0.00	0.00	19.60	5.49	0.00	0.00
17.05	5.25	0.00	0.00	19.65	5.50	0.00	0.00
17.10	5.25	0.00	0.00	19.70	5.50	0.00	0.00
17.15	5.26	0.00	0.00	19.75	5.50	0.00	0.00
17.20	5.27	0.00	0.00	19.80	5.51	0.00	0.00
17.25	5.27	0.00	0.00	19.85	5.51	0.00	0.00
17.30	5.28	0.00	0.00	19.90	5.52	0.00	0.00
17.35	5.28	0.00	0.00	19.95	5.52	0.00	0.00
17.40	5.29	0.00	0.00	20.00	5.53	0.00	0.00
17.45	5.29	0.00	0.00	20.05	5.53	0.00	0.00
17.50	5.30	0.00	0.00	20.10	5.53	0.00	0.00
17.55	5.30	0.00	0.00	20.15	5.54	0.00	0.00
17.60	5.31	0.00	0.00	20.20	5.54	0.00	0.00
17.65	5.31	0.00	0.00	20.25	5.55	0.00	0.00
17.70	5.32	0.00	0.00	20.30	5.55	0.00	0.00
17.75	5.33	0.00	0.00	20.35	5.55	0.00	0.00
17.80	5.33	0.00	0.00	20.40	5.56	0.00	0.00
17.85	5.34	0.00	0.00	20.45	5.56	0.00	0.00
17.90	5.34	0.00	0.00	20.50	5.57	0.00	0.00
17.95	5.34	0.00	0.00	20.55	5.57	0.00	0.00
18.00	5.35	0.00	0.00	20.60	5.57	0.00	0.00
18.05	5.35	0.00	0.00	20.65	5.58	0.00	0.00
18.10	5.36	0.00	0.00	20.70	5.58	0.00	0.00
18.15	5.36	0.00	0.00	20.75	5.59	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

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

Summary for Subcatchment 5P: PDA-5 (pervious)

Runoff = 2.27 cfs @ 12.18 hrs, Volume= 0.171 af, Depth= 3.03"
 Routed to Pond B-5 : Basin #5

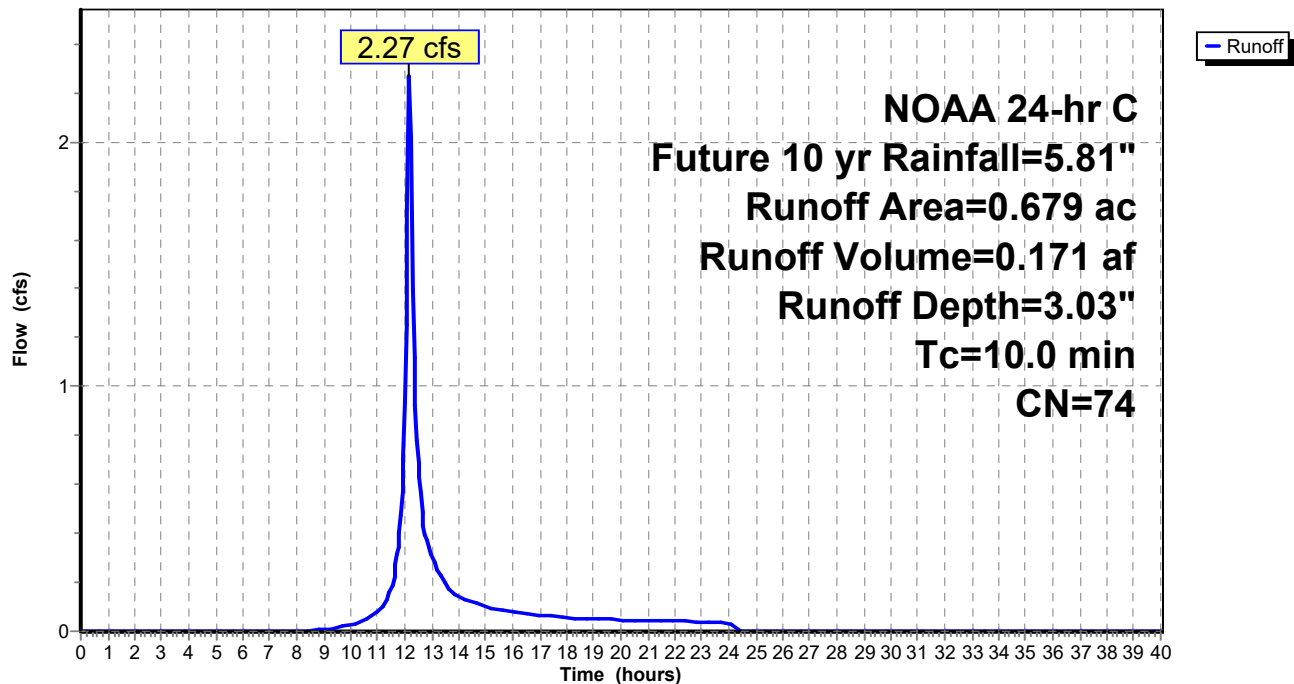
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.679	74	>75% Grass cover, Good, HSG C
0.679		100.00% Pervious Area

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

Subcatchment 5P: PDA-5 (pervious)

Hydrograph



Hydrograph for Subcatchment 5P: PDA-5 (pervious)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.31
10.45	1.18	0.06	0.04	13.05	4.44	1.93	0.29
10.50	1.20	0.06	0.04	13.10	4.46	1.94	0.27
10.55	1.21	0.06	0.04	13.15	4.48	1.96	0.26
10.60	1.23	0.07	0.05	13.20	4.50	1.98	0.25
10.65	1.25	0.07	0.05	13.25	4.52	1.99	0.24
10.70	1.27	0.08	0.05	13.30	4.54	2.01	0.23
10.75	1.29	0.08	0.06	13.35	4.56	2.02	0.22
10.80	1.31	0.09	0.06	13.40	4.58	2.03	0.21
10.85	1.33	0.09	0.07	13.45	4.60	2.05	0.20
10.90	1.35	0.10	0.07	13.50	4.61	2.06	0.19
10.95	1.37	0.11	0.08	13.55	4.63	2.07	0.18
11.00	1.39	0.11	0.08	13.60	4.64	2.08	0.17
11.05	1.42	0.12	0.09	13.65	4.66	2.09	0.17
11.10	1.45	0.13	0.09	13.70	4.67	2.10	0.16
11.15	1.48	0.14	0.10	13.75	4.68	2.12	0.16
11.20	1.51	0.15	0.11	13.80	4.70	2.13	0.15
11.25	1.54	0.16	0.12	13.85	4.71	2.14	0.15
11.30	1.57	0.17	0.13	13.90	4.72	2.15	0.15
11.35	1.61	0.18	0.14	13.95	4.74	2.16	0.15
11.40	1.64	0.20	0.15	14.00	4.75	2.17	0.14
11.45	1.68	0.21	0.17	14.05	4.76	2.18	0.14
11.50	1.72	0.23	0.18	14.10	4.78	2.19	0.14
11.55	1.78	0.25	0.19	14.15	4.79	2.20	0.14
11.60	1.83	0.28	0.22	14.20	4.80	2.21	0.13
11.65	1.90	0.30	0.27	14.25	4.81	2.21	0.13
11.70	1.96	0.33	0.31	14.30	4.82	2.22	0.13
11.75	2.04	0.37	0.35	14.35	4.83	2.23	0.13
11.80	2.13	0.41	0.40	14.40	4.85	2.24	0.13
11.85	2.25	0.47	0.47	14.45	4.86	2.25	0.12
11.90	2.36	0.53	0.57	14.50	4.87	2.26	0.12
11.95	2.57	0.65	0.71	14.55	4.88	2.27	0.12
12.00	2.77	0.77	0.93	14.60	4.89	2.27	0.12
12.05	3.11	0.98	1.25	14.65	4.90	2.28	0.11
12.10	3.45	1.20	1.72	14.70	4.91	2.29	0.11
12.15	3.56	1.28	2.21	14.75	4.92	2.30	0.11
12.20	3.68	1.37	2.23	14.80	4.93	2.31	0.11
12.25	3.77	1.43	1.81	14.85	4.94	2.31	0.11
12.30	3.85	1.49	1.40	14.90	4.94	2.32	0.10
12.35	3.91	1.53	1.12	14.95	4.95	2.33	0.10
12.40	3.98	1.58	0.92	15.00	4.96	2.33	0.10
12.45	4.03	1.62	0.78	15.05	4.97	2.34	0.10
12.50	4.09	1.67	0.69	15.10	4.98	2.35	0.09
12.55	4.13	1.69	0.63	15.15	4.99	2.35	0.09
12.60	4.17	1.72	0.57	15.20	4.99	2.36	0.09
12.65	4.20	1.75	0.49	15.25	5.00	2.37	0.09
12.70	4.24	1.77	0.43	15.30	5.01	2.37	0.09
12.75	4.27	1.80	0.40	15.35	5.02	2.38	0.09
12.80	4.30	1.82	0.37	15.40	5.03	2.38	0.09
12.85	4.33	1.85	0.35	15.45	5.03	2.39	0.09
12.90	4.36	1.87	0.34	15.50	5.04	2.40	0.09
12.95	4.39	1.89	0.32	15.55	5.05	2.40	0.08

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.08	18.20	5.37	2.66	0.05
15.65	5.06	2.41	0.08	18.25	5.37	2.67	0.05
15.70	5.07	2.42	0.08	18.30	5.38	2.67	0.05
15.75	5.08	2.43	0.08	18.35	5.38	2.67	0.05
15.80	5.09	2.43	0.08	18.40	5.39	2.68	0.05
15.85	5.09	2.44	0.08	18.45	5.39	2.68	0.05
15.90	5.10	2.44	0.08	18.50	5.40	2.68	0.05
15.95	5.11	2.45	0.08	18.55	5.40	2.69	0.05
16.00	5.11	2.46	0.08	18.60	5.40	2.69	0.05
16.05	5.12	2.46	0.08	18.65	5.41	2.69	0.05
16.10	5.13	2.47	0.08	18.70	5.41	2.70	0.05
16.15	5.13	2.47	0.08	18.75	5.42	2.70	0.05
16.20	5.14	2.48	0.08	18.80	5.42	2.71	0.05
16.25	5.15	2.48	0.08	18.85	5.43	2.71	0.05
16.30	5.16	2.49	0.08	18.90	5.43	2.71	0.05
16.35	5.16	2.49	0.08	18.95	5.44	2.72	0.05
16.40	5.17	2.50	0.07	19.00	5.44	2.72	0.05
16.45	5.17	2.50	0.07	19.05	5.44	2.72	0.05
16.50	5.18	2.51	0.07	19.10	5.45	2.73	0.05
16.55	5.19	2.52	0.07	19.15	5.45	2.73	0.05
16.60	5.19	2.52	0.07	19.20	5.46	2.73	0.05
16.65	5.20	2.53	0.07	19.25	5.46	2.74	0.05
16.70	5.21	2.53	0.07	19.30	5.47	2.74	0.05
16.75	5.21	2.54	0.07	19.35	5.47	2.75	0.05
16.80	5.22	2.54	0.07	19.40	5.48	2.75	0.05
16.85	5.23	2.55	0.07	19.45	5.48	2.75	0.05
16.90	5.23	2.55	0.07	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.07	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.07	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.07	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.07	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.07	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.06	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.06	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.06	19.90	5.52	2.78	0.05
17.35	5.28	2.59	0.06	19.95	5.52	2.79	0.05
17.40	5.29	2.60	0.06	20.00	5.53	2.79	0.05
17.45	5.29	2.60	0.06	20.05	5.53	2.79	0.05
17.50	5.30	2.61	0.06	20.10	5.53	2.80	0.05
17.55	5.30	2.61	0.06	20.15	5.54	2.80	0.05
17.60	5.31	2.61	0.06	20.20	5.54	2.80	0.05
17.65	5.31	2.62	0.06	20.25	5.55	2.81	0.05
17.70	5.32	2.62	0.06	20.30	5.55	2.81	0.05
17.75	5.33	2.63	0.06	20.35	5.55	2.81	0.05
17.80	5.33	2.63	0.06	20.40	5.56	2.82	0.05
17.85	5.34	2.63	0.06	20.45	5.56	2.82	0.05
17.90	5.34	2.64	0.06	20.50	5.57	2.82	0.05
17.95	5.34	2.64	0.06	20.55	5.57	2.83	0.05
18.00	5.35	2.65	0.05	20.60	5.57	2.83	0.04
18.05	5.35	2.65	0.05	20.65	5.58	2.83	0.04
18.10	5.36	2.65	0.05	20.70	5.58	2.84	0.04
18.15	5.36	2.66	0.05	20.75	5.59	2.84	0.04

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.04	23.40	5.77	2.99	0.04
20.85	5.59	2.85	0.04	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.04	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.04	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.04	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.04	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.04	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.04	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.04	23.80	5.80	3.01	0.03
21.25	5.62	2.87	0.04	23.85	5.80	3.02	0.03
21.30	5.63	2.87	0.04	23.90	5.80	3.02	0.03
21.35	5.63	2.88	0.04	23.95	5.81	3.02	0.03
21.40	5.64	2.88	0.04	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.04	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.04	24.10	5.81	3.03	0.03
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.04	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.04	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.04	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.04	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.04	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.04	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.04	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.04	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.04	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.04	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.04	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.04	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.04	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

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

Summary for Subcatchment 6I: PDA-6 (impervious)

Runoff = 3.68 cfs @ 12.17 hrs, Volume= 0.322 af, Depth= 5.57"
 Routed to Pond B-6 : Basin #6

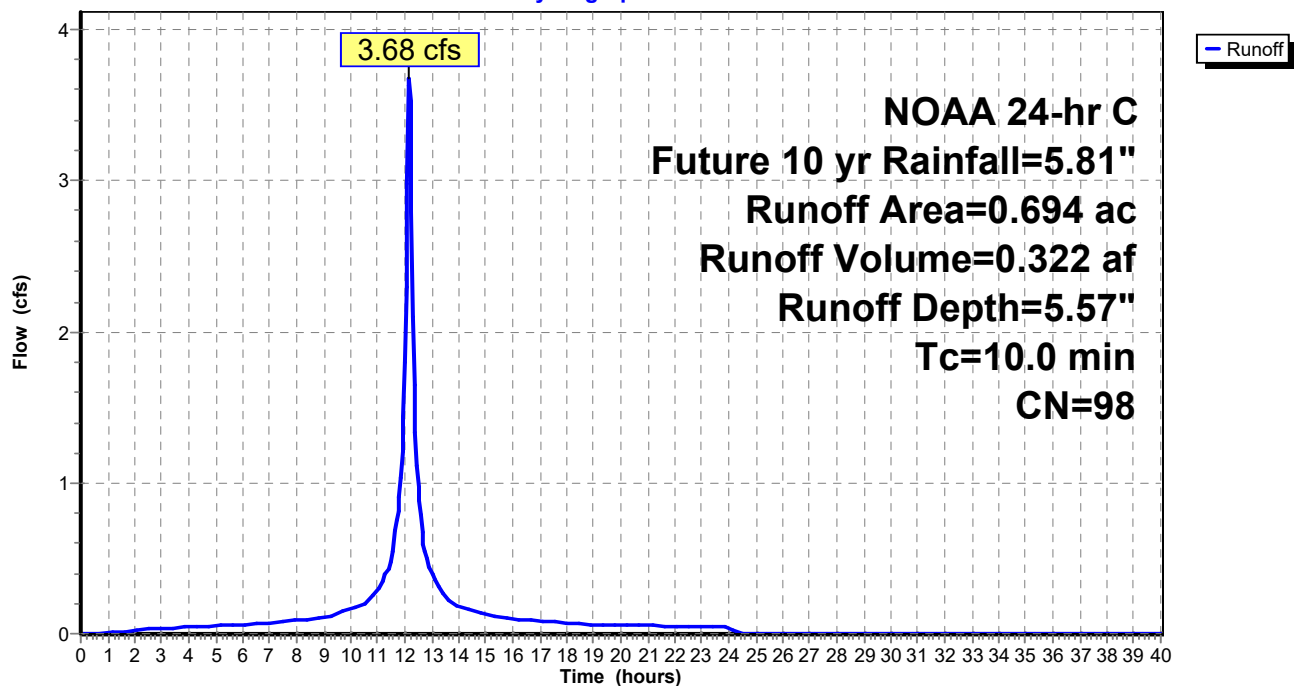
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.459	98	Pavement, HSG C
* 0.129	98	Roof, HSG C
* 0.106	98	Concrete, HSG C
0.694	98	Weighted Average
0.694		100.00% Impervious Area

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

Subcatchment 6I: PDA-6 (impervious)

Hydrograph



Hydrograph for Subcatchment 6I: PDA-6 (impervious)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.05	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.05	7.85	0.68	0.48	0.09
5.30	0.40	0.23	0.05	7.90	0.68	0.49	0.09
5.35	0.40	0.23	0.05	7.95	0.69	0.49	0.09
5.40	0.41	0.23	0.05	8.00	0.70	0.50	0.09
5.45	0.41	0.24	0.05	8.05	0.70	0.51	0.09
5.50	0.41	0.24	0.05	8.10	0.71	0.51	0.09
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.09
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.09
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.09
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.10
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.10
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.10
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.10
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.10
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.10
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.10
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.10
6.20	0.48	0.30	0.06	8.80	0.82	0.61	0.10
6.25	0.48	0.30	0.06	8.85	0.82	0.62	0.10
6.30	0.49	0.31	0.06	8.90	0.83	0.63	0.11
6.35	0.50	0.31	0.06	8.95	0.84	0.64	0.11
6.40	0.50	0.32	0.06	9.00	0.85	0.64	0.11
6.45	0.51	0.32	0.06	9.05	0.86	0.65	0.11
6.50	0.51	0.33	0.06	9.10	0.87	0.66	0.11
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.11
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.12
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.12
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.12
6.75	0.54	0.35	0.07	9.35	0.91	0.71	0.12
6.80	0.54	0.36	0.07	9.40	0.92	0.72	0.13
6.85	0.55	0.36	0.07	9.45	0.93	0.73	0.13
6.90	0.56	0.37	0.07	9.50	0.94	0.74	0.13
6.95	0.56	0.37	0.07	9.55	0.95	0.75	0.14
7.00	0.57	0.38	0.07	9.60	0.96	0.76	0.14
7.05	0.57	0.38	0.07	9.65	0.98	0.77	0.14
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.15
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.15
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.15
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.15
7.30	0.60	0.41	0.08	9.90	1.03	0.82	0.16
7.35	0.61	0.42	0.08	9.95	1.05	0.84	0.16
7.40	0.62	0.42	0.08	10.00	1.06	0.85	0.16
7.45	0.62	0.43	0.08	10.05	1.07	0.86	0.17
7.50	0.63	0.44	0.08	10.10	1.09	0.87	0.17
7.55	0.64	0.44	0.08	10.15	1.10	0.89	0.17
7.60	0.64	0.45	0.08	10.20	1.11	0.90	0.18
7.65	0.65	0.45	0.08	10.25	1.13	0.91	0.18
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.18
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.19

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.19	13.00	4.42	4.18	0.41
10.45	1.18	0.97	0.19	13.05	4.44	4.20	0.39
10.50	1.20	0.98	0.19	13.10	4.46	4.23	0.37
10.55	1.21	1.00	0.20	13.15	4.48	4.25	0.35
10.60	1.23	1.02	0.20	13.20	4.50	4.27	0.33
10.65	1.25	1.03	0.21	13.25	4.52	4.29	0.31
10.70	1.27	1.05	0.22	13.30	4.54	4.31	0.30
10.75	1.29	1.07	0.23	13.35	4.56	4.33	0.29
10.80	1.31	1.09	0.25	13.40	4.58	4.34	0.28
10.85	1.33	1.11	0.26	13.45	4.60	4.36	0.26
10.90	1.35	1.13	0.27	13.50	4.61	4.38	0.25
10.95	1.37	1.15	0.28	13.55	4.63	4.39	0.24
11.00	1.39	1.18	0.29	13.60	4.64	4.41	0.23
11.05	1.42	1.20	0.30	13.65	4.66	4.42	0.22
11.10	1.45	1.23	0.32	13.70	4.67	4.43	0.21
11.15	1.48	1.26	0.34	13.75	4.68	4.45	0.20
11.20	1.51	1.29	0.36	13.80	4.70	4.46	0.20
11.25	1.54	1.32	0.38	13.85	4.71	4.48	0.20
11.30	1.57	1.35	0.40	13.90	4.72	4.49	0.19
11.35	1.61	1.38	0.42	13.95	4.74	4.50	0.19
11.40	1.64	1.42	0.45	14.00	4.75	4.51	0.19
11.45	1.68	1.46	0.47	14.05	4.76	4.53	0.18
11.50	1.72	1.49	0.49	14.10	4.78	4.54	0.18
11.55	1.78	1.55	0.51	14.15	4.79	4.55	0.18
11.60	1.83	1.61	0.58	14.20	4.80	4.56	0.17
11.65	1.90	1.67	0.68	14.25	4.81	4.57	0.17
11.70	1.96	1.73	0.76	14.30	4.82	4.59	0.17
11.75	2.04	1.82	0.82	14.35	4.83	4.60	0.17
11.80	2.13	1.90	0.91	14.40	4.85	4.61	0.16
11.85	2.25	2.02	1.04	14.45	4.86	4.62	0.16
11.90	2.36	2.13	1.21	14.50	4.87	4.63	0.16
11.95	2.57	2.34	1.44	14.55	4.88	4.64	0.15
12.00	2.77	2.54	1.80	14.60	4.89	4.65	0.15
12.05	3.11	2.88	2.29	14.65	4.90	4.66	0.15
12.10	3.45	3.21	2.98	14.70	4.91	4.67	0.14
12.15	3.56	3.33	3.63	14.75	4.92	4.68	0.14
12.20	3.68	3.45	3.53	14.80	4.93	4.69	0.14
12.25	3.77	3.53	2.79	14.85	4.94	4.70	0.14
12.30	3.85	3.62	2.10	14.90	4.94	4.71	0.13
12.35	3.91	3.68	1.65	14.95	4.95	4.72	0.13
12.40	3.98	3.74	1.34	15.00	4.96	4.72	0.13
12.45	4.03	3.80	1.12	15.05	4.97	4.73	0.12
12.50	4.09	3.86	0.98	15.10	4.98	4.74	0.12
12.55	4.13	3.90	0.89	15.15	4.99	4.75	0.12
12.60	4.17	3.93	0.79	15.20	4.99	4.76	0.12
12.65	4.20	3.97	0.67	15.25	5.00	4.76	0.11
12.70	4.24	4.00	0.59	15.30	5.01	4.77	0.11
12.75	4.27	4.04	0.54	15.35	5.02	4.78	0.11
12.80	4.30	4.07	0.51	15.40	5.03	4.79	0.11
12.85	4.33	4.10	0.48	15.45	5.03	4.80	0.11
12.90	4.36	4.13	0.46	15.50	5.04	4.80	0.11
12.95	4.39	4.15	0.43	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.11	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.11	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.10	18.35	5.38	5.14	0.06
15.80	5.09	4.85	0.10	18.40	5.39	5.15	0.06
15.85	5.09	4.86	0.10	18.45	5.39	5.15	0.06
15.90	5.10	4.86	0.10	18.50	5.40	5.16	0.06
15.95	5.11	4.87	0.10	18.55	5.40	5.16	0.06
16.00	5.11	4.88	0.10	18.60	5.40	5.17	0.06
16.05	5.12	4.88	0.10	18.65	5.41	5.17	0.06
16.10	5.13	4.89	0.10	18.70	5.41	5.18	0.06
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.06
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.06
16.25	5.15	4.91	0.10	18.85	5.43	5.19	0.06
16.30	5.16	4.92	0.10	18.90	5.43	5.19	0.06
16.35	5.16	4.92	0.10	18.95	5.44	5.20	0.06
16.40	5.17	4.93	0.09	19.00	5.44	5.20	0.06
16.45	5.17	4.94	0.09	19.05	5.44	5.21	0.06
16.50	5.18	4.94	0.09	19.10	5.45	5.21	0.06
16.55	5.19	4.95	0.09	19.15	5.45	5.22	0.06
16.60	5.19	4.96	0.09	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.09	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.09	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.09	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.09	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.08	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.08	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.08	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.08	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.08	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.08	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.08	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.08	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.08	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.07	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.07	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.07	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.07	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.07	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.07	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.05	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.05	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.05	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.05	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.05	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

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

Summary for Subcatchment 6P: PDA-6 (pervious)

Runoff = 1.66 cfs @ 12.18 hrs, Volume= 0.125 af, Depth= 3.03"
 Routed to Pond B-6 : Basin #6

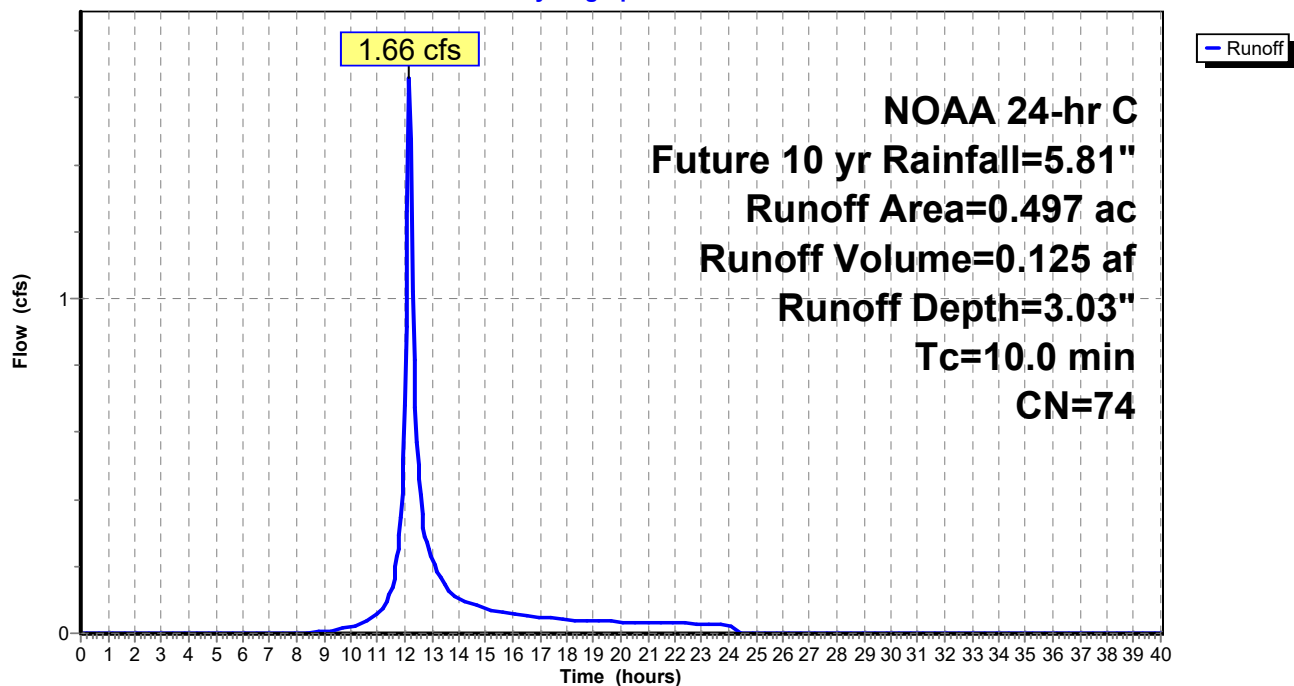
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.497	74	>75% Grass cover, Good, HSG C
0.497		100.00% Pervious Area

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

Subcatchment 6P: PDA-6 (pervious)

Hydrograph



Hydrograph for Subcatchment 6P: PDA-6 (pervious)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.03	13.00	4.42	1.91	0.22
10.45	1.18	0.06	0.03	13.05	4.44	1.93	0.21
10.50	1.20	0.06	0.03	13.10	4.46	1.94	0.20
10.55	1.21	0.06	0.03	13.15	4.48	1.96	0.19
10.60	1.23	0.07	0.03	13.20	4.50	1.98	0.18
10.65	1.25	0.07	0.04	13.25	4.52	1.99	0.17
10.70	1.27	0.08	0.04	13.30	4.54	2.01	0.17
10.75	1.29	0.08	0.04	13.35	4.56	2.02	0.16
10.80	1.31	0.09	0.05	13.40	4.58	2.03	0.15
10.85	1.33	0.09	0.05	13.45	4.60	2.05	0.15
10.90	1.35	0.10	0.05	13.50	4.61	2.06	0.14
10.95	1.37	0.11	0.06	13.55	4.63	2.07	0.13
11.00	1.39	0.11	0.06	13.60	4.64	2.08	0.13
11.05	1.42	0.12	0.06	13.65	4.66	2.09	0.12
11.10	1.45	0.13	0.07	13.70	4.67	2.10	0.12
11.15	1.48	0.14	0.07	13.75	4.68	2.12	0.11
11.20	1.51	0.15	0.08	13.80	4.70	2.13	0.11
11.25	1.54	0.16	0.09	13.85	4.71	2.14	0.11
11.30	1.57	0.17	0.10	13.90	4.72	2.15	0.11
11.35	1.61	0.18	0.10	13.95	4.74	2.16	0.11
11.40	1.64	0.20	0.11	14.00	4.75	2.17	0.10
11.45	1.68	0.21	0.12	14.05	4.76	2.18	0.10
11.50	1.72	0.23	0.13	14.10	4.78	2.19	0.10
11.55	1.78	0.25	0.14	14.15	4.79	2.20	0.10
11.60	1.83	0.28	0.16	14.20	4.80	2.21	0.10
11.65	1.90	0.30	0.20	14.25	4.81	2.21	0.10
11.70	1.96	0.33	0.23	14.30	4.82	2.22	0.10
11.75	2.04	0.37	0.25	14.35	4.83	2.23	0.09
11.80	2.13	0.41	0.29	14.40	4.85	2.24	0.09
11.85	2.25	0.47	0.35	14.45	4.86	2.25	0.09
11.90	2.36	0.53	0.42	14.50	4.87	2.26	0.09
11.95	2.57	0.65	0.52	14.55	4.88	2.27	0.09
12.00	2.77	0.77	0.68	14.60	4.89	2.27	0.09
12.05	3.11	0.98	0.92	14.65	4.90	2.28	0.08
12.10	3.45	1.20	1.26	14.70	4.91	2.29	0.08
12.15	3.56	1.28	1.62	14.75	4.92	2.30	0.08
12.20	3.68	1.37	1.63	14.80	4.93	2.31	0.08
12.25	3.77	1.43	1.33	14.85	4.94	2.31	0.08
12.30	3.85	1.49	1.02	14.90	4.94	2.32	0.08
12.35	3.91	1.53	0.82	14.95	4.95	2.33	0.07
12.40	3.98	1.58	0.67	15.00	4.96	2.33	0.07
12.45	4.03	1.62	0.57	15.05	4.97	2.34	0.07
12.50	4.09	1.67	0.50	15.10	4.98	2.35	0.07
12.55	4.13	1.69	0.46	15.15	4.99	2.35	0.07
12.60	4.17	1.72	0.41	15.20	4.99	2.36	0.07
12.65	4.20	1.75	0.36	15.25	5.00	2.37	0.06
12.70	4.24	1.77	0.31	15.30	5.01	2.37	0.06
12.75	4.27	1.80	0.29	15.35	5.02	2.38	0.06
12.80	4.30	1.82	0.27	15.40	5.03	2.38	0.06
12.85	4.33	1.85	0.26	15.45	5.03	2.39	0.06
12.90	4.36	1.87	0.25	15.50	5.04	2.40	0.06
12.95	4.39	1.89	0.24	15.55	5.05	2.40	0.06

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.06	18.20	5.37	2.66	0.04
15.65	5.06	2.41	0.06	18.25	5.37	2.67	0.04
15.70	5.07	2.42	0.06	18.30	5.38	2.67	0.04
15.75	5.08	2.43	0.06	18.35	5.38	2.67	0.04
15.80	5.09	2.43	0.06	18.40	5.39	2.68	0.04
15.85	5.09	2.44	0.06	18.45	5.39	2.68	0.04
15.90	5.10	2.44	0.06	18.50	5.40	2.68	0.04
15.95	5.11	2.45	0.06	18.55	5.40	2.69	0.04
16.00	5.11	2.46	0.06	18.60	5.40	2.69	0.04
16.05	5.12	2.46	0.06	18.65	5.41	2.69	0.04
16.10	5.13	2.47	0.06	18.70	5.41	2.70	0.04
16.15	5.13	2.47	0.06	18.75	5.42	2.70	0.04
16.20	5.14	2.48	0.06	18.80	5.42	2.71	0.04
16.25	5.15	2.48	0.06	18.85	5.43	2.71	0.04
16.30	5.16	2.49	0.06	18.90	5.43	2.71	0.04
16.35	5.16	2.49	0.05	18.95	5.44	2.72	0.04
16.40	5.17	2.50	0.05	19.00	5.44	2.72	0.04
16.45	5.17	2.50	0.05	19.05	5.44	2.72	0.04
16.50	5.18	2.51	0.05	19.10	5.45	2.73	0.04
16.55	5.19	2.52	0.05	19.15	5.45	2.73	0.04
16.60	5.19	2.52	0.05	19.20	5.46	2.73	0.04
16.65	5.20	2.53	0.05	19.25	5.46	2.74	0.04
16.70	5.21	2.53	0.05	19.30	5.47	2.74	0.04
16.75	5.21	2.54	0.05	19.35	5.47	2.75	0.04
16.80	5.22	2.54	0.05	19.40	5.48	2.75	0.04
16.85	5.23	2.55	0.05	19.45	5.48	2.75	0.04
16.90	5.23	2.55	0.05	19.50	5.48	2.76	0.04
16.95	5.24	2.55	0.05	19.55	5.49	2.76	0.04
17.00	5.24	2.56	0.05	19.60	5.49	2.76	0.04
17.05	5.25	2.56	0.05	19.65	5.50	2.77	0.04
17.10	5.25	2.57	0.05	19.70	5.50	2.77	0.03
17.15	5.26	2.57	0.05	19.75	5.50	2.77	0.03
17.20	5.27	2.58	0.05	19.80	5.51	2.78	0.03
17.25	5.27	2.58	0.05	19.85	5.51	2.78	0.03
17.30	5.28	2.59	0.05	19.90	5.52	2.78	0.03
17.35	5.28	2.59	0.05	19.95	5.52	2.79	0.03
17.40	5.29	2.60	0.05	20.00	5.53	2.79	0.03
17.45	5.29	2.60	0.05	20.05	5.53	2.79	0.03
17.50	5.30	2.61	0.04	20.10	5.53	2.80	0.03
17.55	5.30	2.61	0.04	20.15	5.54	2.80	0.03
17.60	5.31	2.61	0.04	20.20	5.54	2.80	0.03
17.65	5.31	2.62	0.04	20.25	5.55	2.81	0.03
17.70	5.32	2.62	0.04	20.30	5.55	2.81	0.03
17.75	5.33	2.63	0.04	20.35	5.55	2.81	0.03
17.80	5.33	2.63	0.04	20.40	5.56	2.82	0.03
17.85	5.34	2.63	0.04	20.45	5.56	2.82	0.03
17.90	5.34	2.64	0.04	20.50	5.57	2.82	0.03
17.95	5.34	2.64	0.04	20.55	5.57	2.83	0.03
18.00	5.35	2.65	0.04	20.60	5.57	2.83	0.03
18.05	5.35	2.65	0.04	20.65	5.58	2.83	0.03
18.10	5.36	2.65	0.04	20.70	5.58	2.84	0.03
18.15	5.36	2.66	0.04	20.75	5.59	2.84	0.03

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.03	23.40	5.77	2.99	0.03
20.85	5.59	2.85	0.03	23.45	5.78	3.00	0.03
20.90	5.60	2.85	0.03	23.50	5.78	3.00	0.03
20.95	5.60	2.85	0.03	23.55	5.78	3.00	0.03
21.00	5.61	2.86	0.03	23.60	5.78	3.00	0.03
21.05	5.61	2.86	0.03	23.65	5.79	3.01	0.03
21.10	5.61	2.86	0.03	23.70	5.79	3.01	0.03
21.15	5.62	2.87	0.03	23.75	5.79	3.01	0.03
21.20	5.62	2.87	0.03	23.80	5.80	3.01	0.03
21.25	5.62	2.87	0.03	23.85	5.80	3.02	0.03
21.30	5.63	2.87	0.03	23.90	5.80	3.02	0.03
21.35	5.63	2.88	0.03	23.95	5.81	3.02	0.03
21.40	5.64	2.88	0.03	24.00	5.81	3.03	0.03
21.45	5.64	2.88	0.03	24.05	5.81	3.03	0.03
21.50	5.64	2.89	0.03	24.10	5.81	3.03	0.02
21.55	5.65	2.89	0.03	24.15	5.81	3.03	0.01
21.60	5.65	2.89	0.03	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.03	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.03	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.03	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.03	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.03	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.03	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.03	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.03	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.03	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.03	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.03	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.03	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.03	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.03	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.03	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.03	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.03	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.03	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.03	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.03	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.03	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.03	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.03	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.03	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.03	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.03	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.03	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.03	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.03	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.03	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.03	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.03	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.03	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.03	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.03	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

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

Summary for Subcatchment 7I: PDA-7 (impervious)

Runoff = 5.21 cfs @ 12.17 hrs, Volume= 0.456 af, Depth= 5.57"
 Routed to Pond B-7 : Basin #7

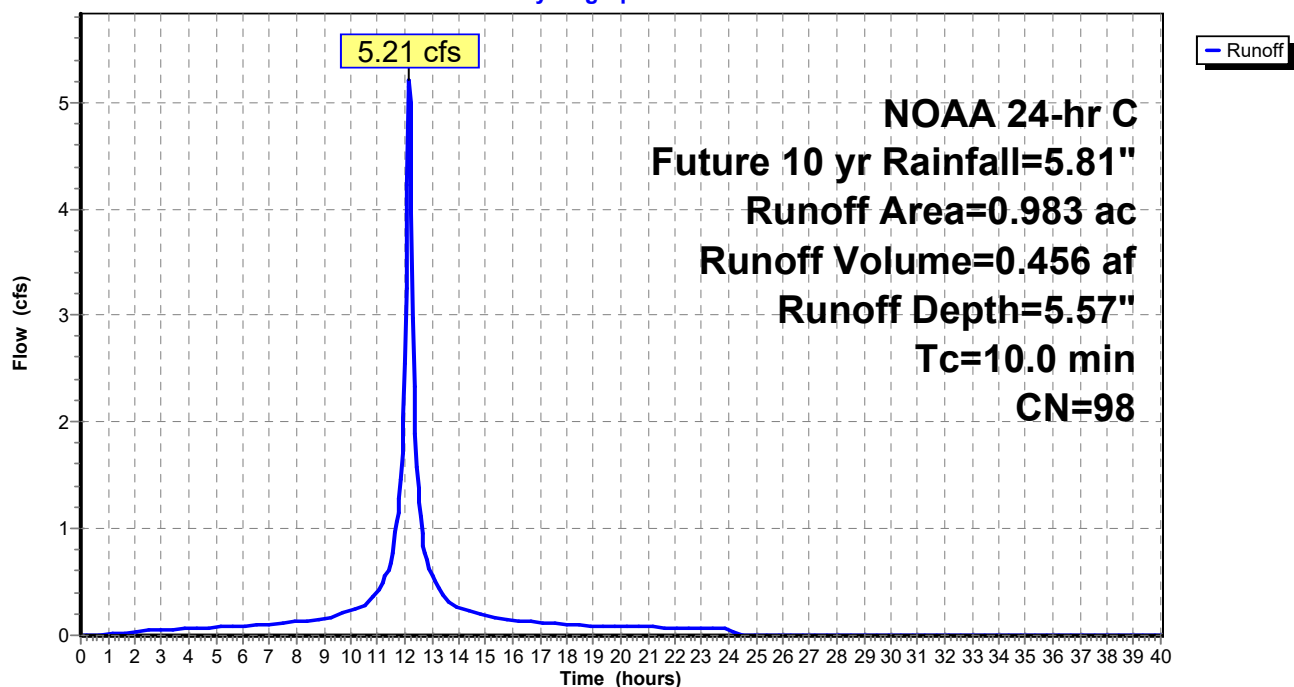
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.886	98	Pavement, HSG C
* 0.097	98	Concrete, HSG C
0.983	98	Weighted Average
0.983		100.00% Impervious Area

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

Subcatchment 7I: PDA-7 (impervious)

Hydrograph



Hydrograph for Subcatchment 7I: PDA-7 (impervious)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.12
5.25	0.39	0.22	0.08	7.85	0.68	0.48	0.12
5.30	0.40	0.23	0.08	7.90	0.68	0.49	0.13
5.35	0.40	0.23	0.08	7.95	0.69	0.49	0.13
5.40	0.41	0.23	0.08	8.00	0.70	0.50	0.13
5.45	0.41	0.24	0.08	8.05	0.70	0.51	0.13
5.50	0.41	0.24	0.08	8.10	0.71	0.51	0.13
5.55	0.42	0.25	0.08	8.15	0.72	0.52	0.13
5.60	0.42	0.25	0.08	8.20	0.72	0.53	0.13
5.65	0.43	0.25	0.08	8.25	0.73	0.53	0.13
5.70	0.43	0.26	0.08	8.30	0.74	0.54	0.14
5.75	0.44	0.26	0.08	8.35	0.75	0.55	0.14
5.80	0.44	0.27	0.08	8.40	0.75	0.55	0.14
5.85	0.45	0.27	0.08	8.45	0.76	0.56	0.14
5.90	0.45	0.27	0.08	8.50	0.77	0.57	0.14
5.95	0.46	0.28	0.08	8.55	0.78	0.58	0.14
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.14
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.14
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.14
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.15
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.15
6.25	0.48	0.30	0.09	8.85	0.82	0.62	0.15
6.30	0.49	0.31	0.09	8.90	0.83	0.63	0.15
6.35	0.50	0.31	0.09	8.95	0.84	0.64	0.15
6.40	0.50	0.32	0.09	9.00	0.85	0.64	0.15
6.45	0.51	0.32	0.09	9.05	0.86	0.65	0.15
6.50	0.51	0.33	0.09	9.10	0.87	0.66	0.16
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.16
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.16
6.65	0.53	0.34	0.10	9.25	0.89	0.69	0.17
6.70	0.53	0.35	0.10	9.30	0.90	0.70	0.17
6.75	0.54	0.35	0.10	9.35	0.91	0.71	0.18
6.80	0.54	0.36	0.10	9.40	0.92	0.72	0.18
6.85	0.55	0.36	0.10	9.45	0.93	0.73	0.18
6.90	0.56	0.37	0.10	9.50	0.94	0.74	0.19
6.95	0.56	0.37	0.10	9.55	0.95	0.75	0.19
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.20
7.05	0.57	0.38	0.11	9.65	0.98	0.77	0.20
7.10	0.58	0.39	0.11	9.70	0.99	0.78	0.21
7.15	0.58	0.40	0.11	9.75	1.00	0.79	0.21
7.20	0.59	0.40	0.11	9.80	1.01	0.80	0.21
7.25	0.60	0.41	0.11	9.85	1.02	0.81	0.22
7.30	0.60	0.41	0.11	9.90	1.03	0.82	0.22
7.35	0.61	0.42	0.11	9.95	1.05	0.84	0.23
7.40	0.62	0.42	0.11	10.00	1.06	0.85	0.23
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.24
7.50	0.63	0.44	0.12	10.10	1.09	0.87	0.24
7.55	0.64	0.44	0.12	10.15	1.10	0.89	0.24
7.60	0.64	0.45	0.12	10.20	1.11	0.90	0.25
7.65	0.65	0.45	0.12	10.25	1.13	0.91	0.25
7.70	0.65	0.46	0.12	10.30	1.14	0.93	0.26
7.75	0.66	0.47	0.12	10.35	1.15	0.94	0.26

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.27	13.00	4.42	4.18	0.58
10.45	1.18	0.97	0.27	13.05	4.44	4.20	0.55
10.50	1.20	0.98	0.28	13.10	4.46	4.23	0.52
10.55	1.21	1.00	0.28	13.15	4.48	4.25	0.49
10.60	1.23	1.02	0.29	13.20	4.50	4.27	0.46
10.65	1.25	1.03	0.30	13.25	4.52	4.29	0.44
10.70	1.27	1.05	0.32	13.30	4.54	4.31	0.43
10.75	1.29	1.07	0.33	13.35	4.56	4.33	0.41
10.80	1.31	1.09	0.35	13.40	4.58	4.34	0.39
10.85	1.33	1.11	0.36	13.45	4.60	4.36	0.37
10.90	1.35	1.13	0.38	13.50	4.61	4.38	0.36
10.95	1.37	1.15	0.40	13.55	4.63	4.39	0.34
11.00	1.39	1.18	0.41	13.60	4.64	4.41	0.32
11.05	1.42	1.20	0.43	13.65	4.66	4.42	0.31
11.10	1.45	1.23	0.45	13.70	4.67	4.43	0.30
11.15	1.48	1.26	0.48	13.75	4.68	4.45	0.29
11.20	1.51	1.29	0.51	13.80	4.70	4.46	0.28
11.25	1.54	1.32	0.54	13.85	4.71	4.48	0.28
11.30	1.57	1.35	0.57	13.90	4.72	4.49	0.27
11.35	1.61	1.38	0.60	13.95	4.74	4.50	0.27
11.40	1.64	1.42	0.63	14.00	4.75	4.51	0.27
11.45	1.68	1.46	0.66	14.05	4.76	4.53	0.26
11.50	1.72	1.49	0.69	14.10	4.78	4.54	0.26
11.55	1.78	1.55	0.73	14.15	4.79	4.55	0.25
11.60	1.83	1.61	0.82	14.20	4.80	4.56	0.25
11.65	1.90	1.67	0.96	14.25	4.81	4.57	0.24
11.70	1.96	1.73	1.07	14.30	4.82	4.59	0.24
11.75	2.04	1.82	1.16	14.35	4.83	4.60	0.23
11.80	2.13	1.90	1.29	14.40	4.85	4.61	0.23
11.85	2.25	2.02	1.47	14.45	4.86	4.62	0.23
11.90	2.36	2.13	1.71	14.50	4.87	4.63	0.22
11.95	2.57	2.34	2.03	14.55	4.88	4.64	0.22
12.00	2.77	2.54	2.55	14.60	4.89	4.65	0.21
12.05	3.11	2.88	3.25	14.65	4.90	4.66	0.21
12.10	3.45	3.21	4.22	14.70	4.91	4.67	0.20
12.15	3.56	3.33	5.14	14.75	4.92	4.68	0.20
12.20	3.68	3.45	4.99	14.80	4.93	4.69	0.20
12.25	3.77	3.53	3.96	14.85	4.94	4.70	0.19
12.30	3.85	3.62	2.98	14.90	4.94	4.71	0.19
12.35	3.91	3.68	2.34	14.95	4.95	4.72	0.18
12.40	3.98	3.74	1.90	15.00	4.96	4.72	0.18
12.45	4.03	3.80	1.58	15.05	4.97	4.73	0.17
12.50	4.09	3.86	1.38	15.10	4.98	4.74	0.17
12.55	4.13	3.90	1.26	15.15	4.99	4.75	0.17
12.60	4.17	3.93	1.11	15.20	4.99	4.76	0.16
12.65	4.20	3.97	0.95	15.25	5.00	4.76	0.16
12.70	4.24	4.00	0.84	15.30	5.01	4.77	0.16
12.75	4.27	4.04	0.77	15.35	5.02	4.78	0.16
12.80	4.30	4.07	0.72	15.40	5.03	4.79	0.16
12.85	4.33	4.10	0.68	15.45	5.03	4.80	0.16
12.90	4.36	4.13	0.65	15.50	5.04	4.80	0.15
12.95	4.39	4.15	0.61	15.55	5.05	4.81	0.15

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.15	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.15	18.25	5.37	5.14	0.09
15.70	5.07	4.83	0.15	18.30	5.38	5.14	0.09
15.75	5.08	4.84	0.15	18.35	5.38	5.14	0.09
15.80	5.09	4.85	0.15	18.40	5.39	5.15	0.09
15.85	5.09	4.86	0.15	18.45	5.39	5.15	0.09
15.90	5.10	4.86	0.15	18.50	5.40	5.16	0.09
15.95	5.11	4.87	0.14	18.55	5.40	5.16	0.09
16.00	5.11	4.88	0.14	18.60	5.40	5.17	0.09
16.05	5.12	4.88	0.14	18.65	5.41	5.17	0.09
16.10	5.13	4.89	0.14	18.70	5.41	5.18	0.09
16.15	5.13	4.90	0.14	18.75	5.42	5.18	0.09
16.20	5.14	4.90	0.14	18.80	5.42	5.19	0.09
16.25	5.15	4.91	0.14	18.85	5.43	5.19	0.09
16.30	5.16	4.92	0.14	18.90	5.43	5.19	0.09
16.35	5.16	4.92	0.13	18.95	5.44	5.20	0.09
16.40	5.17	4.93	0.13	19.00	5.44	5.20	0.09
16.45	5.17	4.94	0.13	19.05	5.44	5.21	0.09
16.50	5.18	4.94	0.13	19.10	5.45	5.21	0.09
16.55	5.19	4.95	0.13	19.15	5.45	5.22	0.09
16.60	5.19	4.96	0.13	19.20	5.46	5.22	0.09
16.65	5.20	4.96	0.13	19.25	5.46	5.22	0.09
16.70	5.21	4.97	0.13	19.30	5.47	5.23	0.09
16.75	5.21	4.98	0.13	19.35	5.47	5.23	0.09
16.80	5.22	4.98	0.12	19.40	5.48	5.24	0.09
16.85	5.23	4.99	0.12	19.45	5.48	5.24	0.09
16.90	5.23	4.99	0.12	19.50	5.48	5.25	0.09
16.95	5.24	5.00	0.12	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.12	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.12	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.12	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.12	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.12	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.11	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.11	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.11	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.11	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.11	20.05	5.53	5.29	0.08
17.50	5.30	5.06	0.11	20.10	5.53	5.30	0.08
17.55	5.30	5.07	0.11	20.15	5.54	5.30	0.08
17.60	5.31	5.07	0.11	20.20	5.54	5.30	0.08
17.65	5.31	5.08	0.11	20.25	5.55	5.31	0.08
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.08
17.75	5.33	5.09	0.10	20.35	5.55	5.32	0.08
17.80	5.33	5.09	0.10	20.40	5.56	5.32	0.08
17.85	5.34	5.10	0.10	20.45	5.56	5.32	0.08
17.90	5.34	5.10	0.10	20.50	5.57	5.33	0.08
17.95	5.34	5.11	0.10	20.55	5.57	5.33	0.08
18.00	5.35	5.11	0.10	20.60	5.57	5.34	0.08
18.05	5.35	5.12	0.10	20.65	5.58	5.34	0.08
18.10	5.36	5.12	0.10	20.70	5.58	5.34	0.08
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.08

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.08	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.08	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.08	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.08	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.08	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.08	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.08	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.08	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.08	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.08	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.06
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.07	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.07	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.07	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.07	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.07	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.07	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.07	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.07	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.07	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.07	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.07	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.07	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.07	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.07	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.07	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.07	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.07	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.07	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.07	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.07	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.07	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.07	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

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

Summary for Subcatchment 7P: PDA-7 (pervious)

Runoff = 1.94 cfs @ 12.18 hrs, Volume= 0.146 af, Depth= 3.03"
 Routed to Pond B-7 : Basin #7

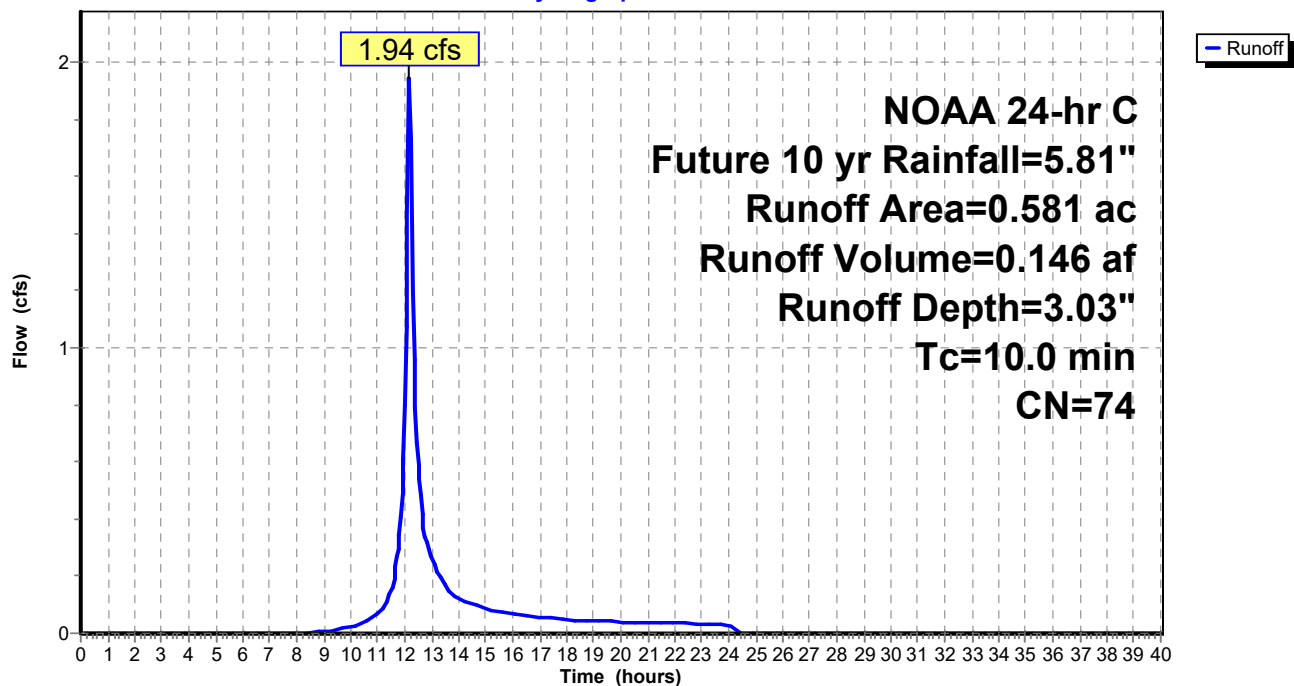
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.581	74	>75% Grass cover, Good, HSG C
0.581		100.00% Pervious Area

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

Subcatchment 7P: PDA-7 (pervious)

Hydrograph



Hydrograph for Subcatchment 7P: PDA-7 (pervious)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.03	13.00	4.42	1.91	0.26
10.45	1.18	0.06	0.03	13.05	4.44	1.93	0.25
10.50	1.20	0.06	0.04	13.10	4.46	1.94	0.23
10.55	1.21	0.06	0.04	13.15	4.48	1.96	0.22
10.60	1.23	0.07	0.04	13.20	4.50	1.98	0.21
10.65	1.25	0.07	0.04	13.25	4.52	1.99	0.20
10.70	1.27	0.08	0.05	13.30	4.54	2.01	0.19
10.75	1.29	0.08	0.05	13.35	4.56	2.02	0.19
10.80	1.31	0.09	0.05	13.40	4.58	2.03	0.18
10.85	1.33	0.09	0.06	13.45	4.60	2.05	0.17
10.90	1.35	0.10	0.06	13.50	4.61	2.06	0.16
10.95	1.37	0.11	0.07	13.55	4.63	2.07	0.16
11.00	1.39	0.11	0.07	13.60	4.64	2.08	0.15
11.05	1.42	0.12	0.07	13.65	4.66	2.09	0.14
11.10	1.45	0.13	0.08	13.70	4.67	2.10	0.14
11.15	1.48	0.14	0.09	13.75	4.68	2.12	0.13
11.20	1.51	0.15	0.10	13.80	4.70	2.13	0.13
11.25	1.54	0.16	0.10	13.85	4.71	2.14	0.13
11.30	1.57	0.17	0.11	13.90	4.72	2.15	0.13
11.35	1.61	0.18	0.12	13.95	4.74	2.16	0.12
11.40	1.64	0.20	0.13	14.00	4.75	2.17	0.12
11.45	1.68	0.21	0.14	14.05	4.76	2.18	0.12
11.50	1.72	0.23	0.15	14.10	4.78	2.19	0.12
11.55	1.78	0.25	0.16	14.15	4.79	2.20	0.12
11.60	1.83	0.28	0.19	14.20	4.80	2.21	0.12
11.65	1.90	0.30	0.23	14.25	4.81	2.21	0.11
11.70	1.96	0.33	0.27	14.30	4.82	2.22	0.11
11.75	2.04	0.37	0.30	14.35	4.83	2.23	0.11
11.80	2.13	0.41	0.34	14.40	4.85	2.24	0.11
11.85	2.25	0.47	0.40	14.45	4.86	2.25	0.11
11.90	2.36	0.53	0.49	14.50	4.87	2.26	0.10
11.95	2.57	0.65	0.61	14.55	4.88	2.27	0.10
12.00	2.77	0.77	0.80	14.60	4.89	2.27	0.10
12.05	3.11	0.98	1.07	14.65	4.90	2.28	0.10
12.10	3.45	1.20	1.47	14.70	4.91	2.29	0.10
12.15	3.56	1.28	1.89	14.75	4.92	2.30	0.09
12.20	3.68	1.37	1.90	14.80	4.93	2.31	0.09
12.25	3.77	1.43	1.55	14.85	4.94	2.31	0.09
12.30	3.85	1.49	1.19	14.90	4.94	2.32	0.09
12.35	3.91	1.53	0.96	14.95	4.95	2.33	0.09
12.40	3.98	1.58	0.79	15.00	4.96	2.33	0.08
12.45	4.03	1.62	0.67	15.05	4.97	2.34	0.08
12.50	4.09	1.67	0.59	15.10	4.98	2.35	0.08
12.55	4.13	1.69	0.54	15.15	4.99	2.35	0.08
12.60	4.17	1.72	0.48	15.20	4.99	2.36	0.08
12.65	4.20	1.75	0.42	15.25	5.00	2.37	0.08
12.70	4.24	1.77	0.37	15.30	5.01	2.37	0.08
12.75	4.27	1.80	0.34	15.35	5.02	2.38	0.07
12.80	4.30	1.82	0.32	15.40	5.03	2.38	0.07
12.85	4.33	1.85	0.30	15.45	5.03	2.39	0.07
12.90	4.36	1.87	0.29	15.50	5.04	2.40	0.07
12.95	4.39	1.89	0.27	15.55	5.05	2.40	0.07

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.07	18.20	5.37	2.66	0.04
15.65	5.06	2.41	0.07	18.25	5.37	2.67	0.04
15.70	5.07	2.42	0.07	18.30	5.38	2.67	0.04
15.75	5.08	2.43	0.07	18.35	5.38	2.67	0.04
15.80	5.09	2.43	0.07	18.40	5.39	2.68	0.04
15.85	5.09	2.44	0.07	18.45	5.39	2.68	0.04
15.90	5.10	2.44	0.07	18.50	5.40	2.68	0.04
15.95	5.11	2.45	0.07	18.55	5.40	2.69	0.04
16.00	5.11	2.46	0.07	18.60	5.40	2.69	0.04
16.05	5.12	2.46	0.07	18.65	5.41	2.69	0.04
16.10	5.13	2.47	0.07	18.70	5.41	2.70	0.04
16.15	5.13	2.47	0.07	18.75	5.42	2.70	0.04
16.20	5.14	2.48	0.07	18.80	5.42	2.71	0.04
16.25	5.15	2.48	0.07	18.85	5.43	2.71	0.04
16.30	5.16	2.49	0.06	18.90	5.43	2.71	0.04
16.35	5.16	2.49	0.06	18.95	5.44	2.72	0.04
16.40	5.17	2.50	0.06	19.00	5.44	2.72	0.04
16.45	5.17	2.50	0.06	19.05	5.44	2.72	0.04
16.50	5.18	2.51	0.06	19.10	5.45	2.73	0.04
16.55	5.19	2.52	0.06	19.15	5.45	2.73	0.04
16.60	5.19	2.52	0.06	19.20	5.46	2.73	0.04
16.65	5.20	2.53	0.06	19.25	5.46	2.74	0.04
16.70	5.21	2.53	0.06	19.30	5.47	2.74	0.04
16.75	5.21	2.54	0.06	19.35	5.47	2.75	0.04
16.80	5.22	2.54	0.06	19.40	5.48	2.75	0.04
16.85	5.23	2.55	0.06	19.45	5.48	2.75	0.04
16.90	5.23	2.55	0.06	19.50	5.48	2.76	0.04
16.95	5.24	2.55	0.06	19.55	5.49	2.76	0.04
17.00	5.24	2.56	0.06	19.60	5.49	2.76	0.04
17.05	5.25	2.56	0.06	19.65	5.50	2.77	0.04
17.10	5.25	2.57	0.06	19.70	5.50	2.77	0.04
17.15	5.26	2.57	0.06	19.75	5.50	2.77	0.04
17.20	5.27	2.58	0.06	19.80	5.51	2.78	0.04
17.25	5.27	2.58	0.05	19.85	5.51	2.78	0.04
17.30	5.28	2.59	0.05	19.90	5.52	2.78	0.04
17.35	5.28	2.59	0.05	19.95	5.52	2.79	0.04
17.40	5.29	2.60	0.05	20.00	5.53	2.79	0.04
17.45	5.29	2.60	0.05	20.05	5.53	2.79	0.04
17.50	5.30	2.61	0.05	20.10	5.53	2.80	0.04
17.55	5.30	2.61	0.05	20.15	5.54	2.80	0.04
17.60	5.31	2.61	0.05	20.20	5.54	2.80	0.04
17.65	5.31	2.62	0.05	20.25	5.55	2.81	0.04
17.70	5.32	2.62	0.05	20.30	5.55	2.81	0.04
17.75	5.33	2.63	0.05	20.35	5.55	2.81	0.04
17.80	5.33	2.63	0.05	20.40	5.56	2.82	0.04
17.85	5.34	2.63	0.05	20.45	5.56	2.82	0.04
17.90	5.34	2.64	0.05	20.50	5.57	2.82	0.04
17.95	5.34	2.64	0.05	20.55	5.57	2.83	0.04
18.00	5.35	2.65	0.05	20.60	5.57	2.83	0.04
18.05	5.35	2.65	0.05	20.65	5.58	2.83	0.04
18.10	5.36	2.65	0.05	20.70	5.58	2.84	0.04
18.15	5.36	2.66	0.05	20.75	5.59	2.84	0.04

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.04	23.40	5.77	2.99	0.03
20.85	5.59	2.85	0.04	23.45	5.78	3.00	0.03
20.90	5.60	2.85	0.04	23.50	5.78	3.00	0.03
20.95	5.60	2.85	0.04	23.55	5.78	3.00	0.03
21.00	5.61	2.86	0.04	23.60	5.78	3.00	0.03
21.05	5.61	2.86	0.04	23.65	5.79	3.01	0.03
21.10	5.61	2.86	0.04	23.70	5.79	3.01	0.03
21.15	5.62	2.87	0.04	23.75	5.79	3.01	0.03
21.20	5.62	2.87	0.04	23.80	5.80	3.01	0.03
21.25	5.62	2.87	0.04	23.85	5.80	3.02	0.03
21.30	5.63	2.87	0.04	23.90	5.80	3.02	0.03
21.35	5.63	2.88	0.04	23.95	5.81	3.02	0.03
21.40	5.64	2.88	0.04	24.00	5.81	3.03	0.03
21.45	5.64	2.88	0.04	24.05	5.81	3.03	0.03
21.50	5.64	2.89	0.04	24.10	5.81	3.03	0.03
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.03	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.03	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.03	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.03	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.03	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.03	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.03	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.03	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.03	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.03	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.03	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.03	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.03	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.03	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.03	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.03	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.03	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.03	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.03	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.03	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.03	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.03	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.03	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.03	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.03	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.03	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.03	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.03	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.03	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

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

Summary for Subcatchment 8I: PDA-8 (impervious)

Runoff = 2.55 cfs @ 12.17 hrs, Volume= 0.224 af, Depth= 5.57"
 Routed to Pond B-8 : Basin #8

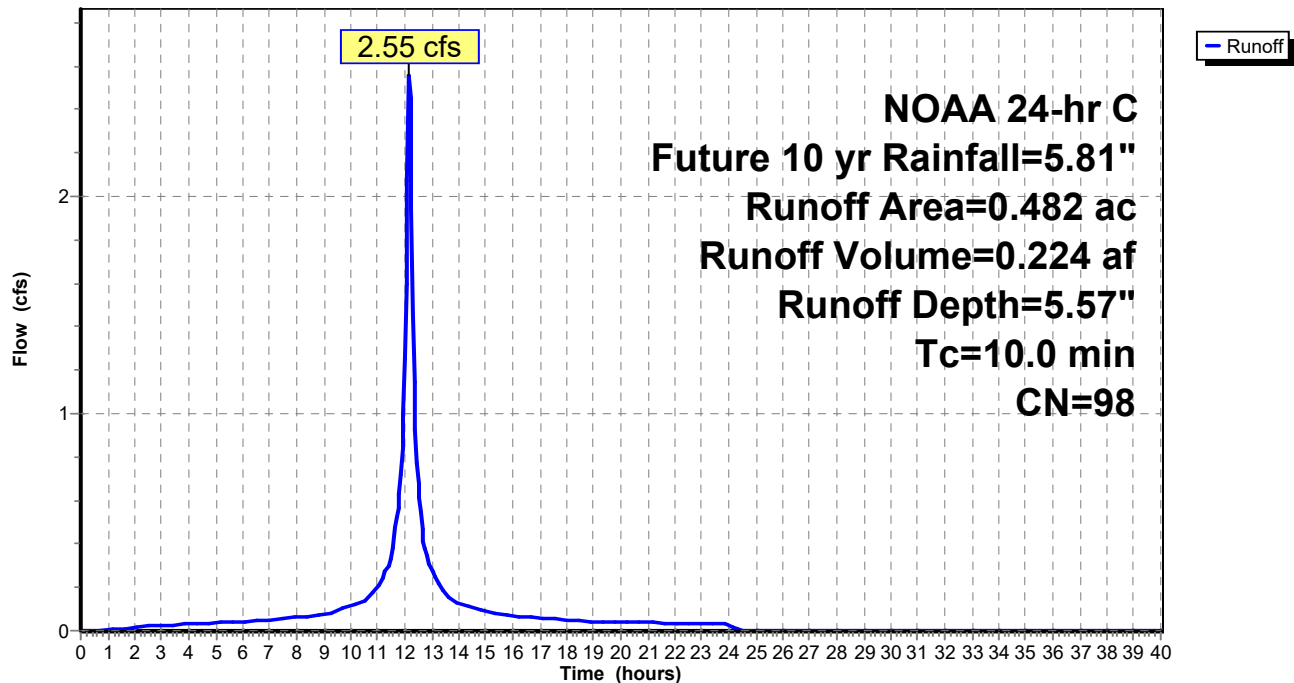
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.482	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.482	98	Weighted Average
0.482		100.00% Impervious Area

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

Subcatchment 8I: PDA-8 (impervious)

Hydrograph



Hydrograph for Subcatchment 8I: PDA-8 (impervious)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.13	13.00	4.42	4.18	0.29
10.45	1.18	0.97	0.13	13.05	4.44	4.20	0.27
10.50	1.20	0.98	0.13	13.10	4.46	4.23	0.26
10.55	1.21	1.00	0.14	13.15	4.48	4.25	0.24
10.60	1.23	1.02	0.14	13.20	4.50	4.27	0.23
10.65	1.25	1.03	0.15	13.25	4.52	4.29	0.22
10.70	1.27	1.05	0.16	13.30	4.54	4.31	0.21
10.75	1.29	1.07	0.16	13.35	4.56	4.33	0.20
10.80	1.31	1.09	0.17	13.40	4.58	4.34	0.19
10.85	1.33	1.11	0.18	13.45	4.60	4.36	0.18
10.90	1.35	1.13	0.19	13.50	4.61	4.38	0.18
10.95	1.37	1.15	0.19	13.55	4.63	4.39	0.17
11.00	1.39	1.18	0.20	13.60	4.64	4.41	0.16
11.05	1.42	1.20	0.21	13.65	4.66	4.42	0.15
11.10	1.45	1.23	0.22	13.70	4.67	4.43	0.15
11.15	1.48	1.26	0.24	13.75	4.68	4.45	0.14
11.20	1.51	1.29	0.25	13.80	4.70	4.46	0.14
11.25	1.54	1.32	0.26	13.85	4.71	4.48	0.14
11.30	1.57	1.35	0.28	13.90	4.72	4.49	0.13
11.35	1.61	1.38	0.29	13.95	4.74	4.50	0.13
11.40	1.64	1.42	0.31	14.00	4.75	4.51	0.13
11.45	1.68	1.46	0.32	14.05	4.76	4.53	0.13
11.50	1.72	1.49	0.34	14.10	4.78	4.54	0.13
11.55	1.78	1.55	0.36	14.15	4.79	4.55	0.12
11.60	1.83	1.61	0.40	14.20	4.80	4.56	0.12
11.65	1.90	1.67	0.47	14.25	4.81	4.57	0.12
11.70	1.96	1.73	0.53	14.30	4.82	4.59	0.12
11.75	2.04	1.82	0.57	14.35	4.83	4.60	0.12
11.80	2.13	1.90	0.63	14.40	4.85	4.61	0.11
11.85	2.25	2.02	0.72	14.45	4.86	4.62	0.11
11.90	2.36	2.13	0.84	14.50	4.87	4.63	0.11
11.95	2.57	2.34	1.00	14.55	4.88	4.64	0.11
12.00	2.77	2.54	1.25	14.60	4.89	4.65	0.10
12.05	3.11	2.88	1.59	14.65	4.90	4.66	0.10
12.10	3.45	3.21	2.07	14.70	4.91	4.67	0.10
12.15	3.56	3.33	2.52	14.75	4.92	4.68	0.10
12.20	3.68	3.45	2.45	14.80	4.93	4.69	0.10
12.25	3.77	3.53	1.94	14.85	4.94	4.70	0.09
12.30	3.85	3.62	1.46	14.90	4.94	4.71	0.09
12.35	3.91	3.68	1.15	14.95	4.95	4.72	0.09
12.40	3.98	3.74	0.93	15.00	4.96	4.72	0.09
12.45	4.03	3.80	0.78	15.05	4.97	4.73	0.09
12.50	4.09	3.86	0.68	15.10	4.98	4.74	0.08
12.55	4.13	3.90	0.62	15.15	4.99	4.75	0.08
12.60	4.17	3.93	0.55	15.20	4.99	4.76	0.08
12.65	4.20	3.97	0.47	15.25	5.00	4.76	0.08
12.70	4.24	4.00	0.41	15.30	5.01	4.77	0.08
12.75	4.27	4.04	0.38	15.35	5.02	4.78	0.08
12.80	4.30	4.07	0.35	15.40	5.03	4.79	0.08
12.85	4.33	4.10	0.33	15.45	5.03	4.80	0.08
12.90	4.36	4.13	0.32	15.50	5.04	4.80	0.08
12.95	4.39	4.15	0.30	15.55	5.05	4.81	0.08

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

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

Summary for Subcatchment 8P: PDA-8 (pervious)

Runoff = 5.38 cfs @ 12.18 hrs, Volume= 0.405 af, Depth= 3.03"
 Routed to Pond B-8 : Basin #8

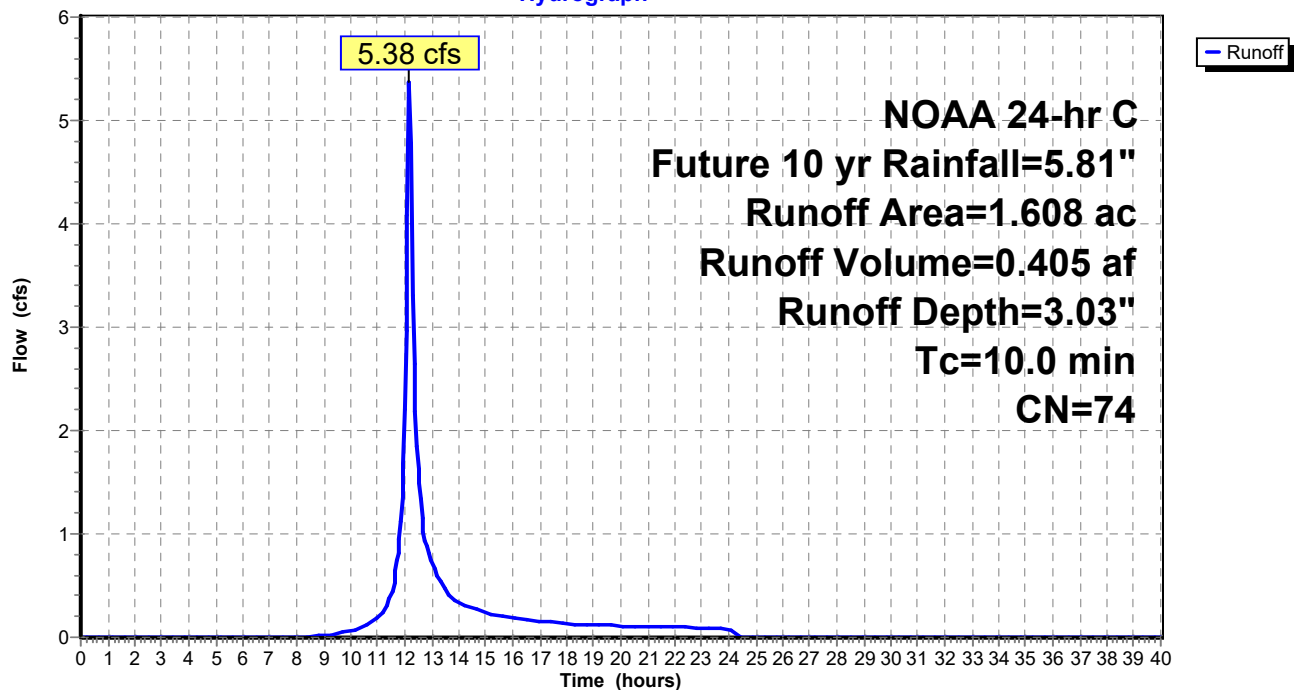
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.608	74	>75% Grass cover, Good, HSG C
1.608		100.00% Pervious Area

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

Subcatchment 8P: PDA-8 (pervious)

Hydrograph



Hydrograph for Subcatchment 8P: PDA-8 (pervious)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.72
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.69
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.65
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.61
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.58
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.56
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.54
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.51
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.49
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.47
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.45
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.43
11.00	1.39	0.11	0.19	13.60	4.64	2.08	0.41
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.39
11.10	1.45	0.13	0.22	13.70	4.67	2.10	0.38
11.15	1.48	0.14	0.24	13.75	4.68	2.12	0.37
11.20	1.51	0.15	0.26	13.80	4.70	2.13	0.36
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.31	13.90	4.72	2.15	0.35
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.34
11.40	1.64	0.20	0.36	14.00	4.75	2.17	0.34
11.45	1.68	0.21	0.39	14.05	4.76	2.18	0.33
11.50	1.72	0.23	0.42	14.10	4.78	2.19	0.33
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.32
11.60	1.83	0.28	0.53	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.64	14.25	4.81	2.21	0.31
11.70	1.96	0.33	0.74	14.30	4.82	2.22	0.31
11.75	2.04	0.37	0.82	14.35	4.83	2.23	0.30
11.80	2.13	0.41	0.95	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.12	14.45	4.86	2.25	0.29
11.90	2.36	0.53	1.36	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.68	14.55	4.88	2.27	0.28
12.00	2.77	0.77	2.21	14.60	4.89	2.27	0.28
12.05	3.11	0.98	2.97	14.65	4.90	2.28	0.27
12.10	3.45	1.20	4.08	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.23	14.75	4.92	2.30	0.26
12.20	3.68	1.37	5.27	14.80	4.93	2.31	0.25
12.25	3.77	1.43	4.29	14.85	4.94	2.31	0.25
12.30	3.85	1.49	3.31	14.90	4.94	2.32	0.24
12.35	3.91	1.53	2.65	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.18	15.00	4.96	2.33	0.23
12.45	4.03	1.62	1.85	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.63	15.10	4.98	2.35	0.22
12.55	4.13	1.69	1.50	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.34	15.20	4.99	2.36	0.21
12.65	4.20	1.75	1.15	15.25	5.00	2.37	0.21
12.70	4.24	1.77	1.02	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.94	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.88	15.40	5.03	2.38	0.20
12.85	4.33	1.85	0.84	15.45	5.03	2.39	0.20
12.90	4.36	1.87	0.80	15.50	5.04	2.40	0.20
12.95	4.39	1.89	0.76	15.55	5.05	2.40	0.20

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.12
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.12
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.19	18.35	5.38	2.67	0.12
15.80	5.09	2.43	0.19	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.19	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.19	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.18	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.18	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.17	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.17	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.16	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.16	19.45	5.48	2.75	0.11
16.90	5.23	2.55	0.16	19.50	5.48	2.76	0.11
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.11
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.15	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.15	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.15	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.14	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.13	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.10	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.09	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.09	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

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

Summary for Subcatchment 9I: PDA-9 (impervious)

Runoff = 4.19 cfs @ 12.17 hrs, Volume= 0.367 af, Depth= 5.57"
 Routed to Pond B-9 : Basin #9

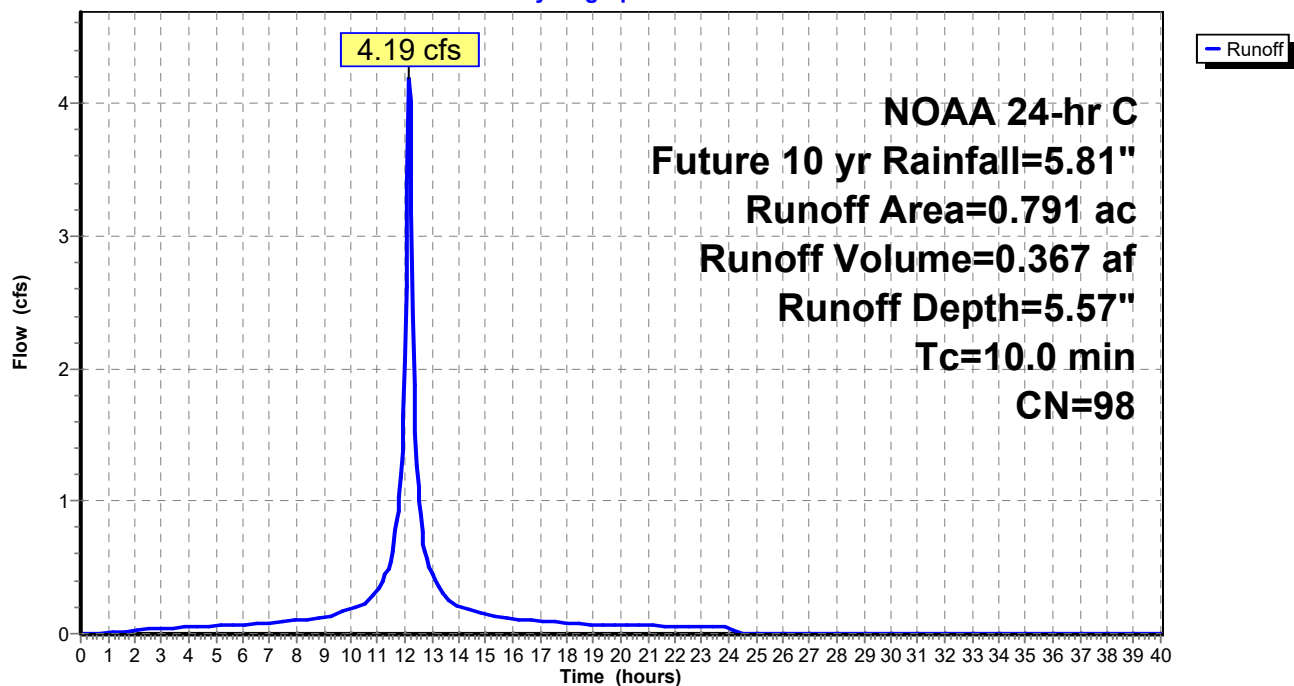
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.286	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.055	98	Concrete, HSG C
0.791	98	Weighted Average
0.791		100.00% Impervious Area

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

Subcatchment 9I: PDA-9 (impervious)

Hydrograph



Hydrograph for Subcatchment 9I: PDA-9 (impervious)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.10
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.10
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.10
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.11
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.11
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.11
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.11
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.11
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.11
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.11
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.11
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.12
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.12
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.12
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.12
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.12
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.12
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.12
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.12
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.13
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.13
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.14
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.14
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.15
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.16
7.00	0.57	0.38	0.08	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.16
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.17
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.17
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.17
7.25	0.60	0.41	0.09	9.85	1.02	0.81	0.18
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.18
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.18
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.19
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.19
7.50	0.63	0.44	0.09	10.10	1.09	0.87	0.19
7.55	0.64	0.44	0.09	10.15	1.10	0.89	0.20
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.20
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.20
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.21
7.75	0.66	0.47	0.10	10.35	1.15	0.94	0.21

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.21	13.00	4.42	4.18	0.47
10.45	1.18	0.97	0.22	13.05	4.44	4.20	0.44
10.50	1.20	0.98	0.22	13.10	4.46	4.23	0.42
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.39
10.60	1.23	1.02	0.23	13.20	4.50	4.27	0.37
10.65	1.25	1.03	0.24	13.25	4.52	4.29	0.36
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.34
10.75	1.29	1.07	0.27	13.35	4.56	4.33	0.33
10.80	1.31	1.09	0.28	13.40	4.58	4.34	0.31
10.85	1.33	1.11	0.29	13.45	4.60	4.36	0.30
10.90	1.35	1.13	0.31	13.50	4.61	4.38	0.29
10.95	1.37	1.15	0.32	13.55	4.63	4.39	0.27
11.00	1.39	1.18	0.33	13.60	4.64	4.41	0.26
11.05	1.42	1.20	0.35	13.65	4.66	4.42	0.25
11.10	1.45	1.23	0.36	13.70	4.67	4.43	0.24
11.15	1.48	1.26	0.39	13.75	4.68	4.45	0.23
11.20	1.51	1.29	0.41	13.80	4.70	4.46	0.23
11.25	1.54	1.32	0.43	13.85	4.71	4.48	0.22
11.30	1.57	1.35	0.46	13.90	4.72	4.49	0.22
11.35	1.61	1.38	0.48	13.95	4.74	4.50	0.22
11.40	1.64	1.42	0.51	14.00	4.75	4.51	0.21
11.45	1.68	1.46	0.53	14.05	4.76	4.53	0.21
11.50	1.72	1.49	0.55	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.59	14.15	4.79	4.55	0.20
11.60	1.83	1.61	0.66	14.20	4.80	4.56	0.20
11.65	1.90	1.67	0.77	14.25	4.81	4.57	0.20
11.70	1.96	1.73	0.86	14.30	4.82	4.59	0.19
11.75	2.04	1.82	0.93	14.35	4.83	4.60	0.19
11.80	2.13	1.90	1.03	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.18	14.45	4.86	4.62	0.18
11.90	2.36	2.13	1.38	14.50	4.87	4.63	0.18
11.95	2.57	2.34	1.64	14.55	4.88	4.64	0.18
12.00	2.77	2.54	2.05	14.60	4.89	4.65	0.17
12.05	3.11	2.88	2.61	14.65	4.90	4.66	0.17
12.10	3.45	3.21	3.40	14.70	4.91	4.67	0.16
12.15	3.56	3.33	4.13	14.75	4.92	4.68	0.16
12.20	3.68	3.45	4.02	14.80	4.93	4.69	0.16
12.25	3.77	3.53	3.18	14.85	4.94	4.70	0.15
12.30	3.85	3.62	2.40	14.90	4.94	4.71	0.15
12.35	3.91	3.68	1.88	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.52	15.00	4.96	4.72	0.14
12.45	4.03	3.80	1.27	15.05	4.97	4.73	0.14
12.50	4.09	3.86	1.11	15.10	4.98	4.74	0.14
12.55	4.13	3.90	1.01	15.15	4.99	4.75	0.13
12.60	4.17	3.93	0.90	15.20	4.99	4.76	0.13
12.65	4.20	3.97	0.77	15.25	5.00	4.76	0.13
12.70	4.24	4.00	0.67	15.30	5.01	4.77	0.13
12.75	4.27	4.04	0.62	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.58	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.55	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.52	15.50	5.04	4.80	0.12
12.95	4.39	4.15	0.49	15.55	5.05	4.81	0.12

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.12	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.12	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.12	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.12	18.35	5.38	5.14	0.07
15.80	5.09	4.85	0.12	18.40	5.39	5.15	0.07
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.07
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.07
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.11	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.11	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.11	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.11	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.11	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.11	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.10	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.10	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.10	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.10	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.10	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.10	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.09	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.09	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.09	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.09	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.09	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.08	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.08	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.08	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.08	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

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

Summary for Subcatchment 9P: PDA-9 (pervious)

Runoff = 2.38 cfs @ 12.18 hrs, Volume= 0.180 af, Depth= 3.03"
 Routed to Pond B-9 : Basin #9

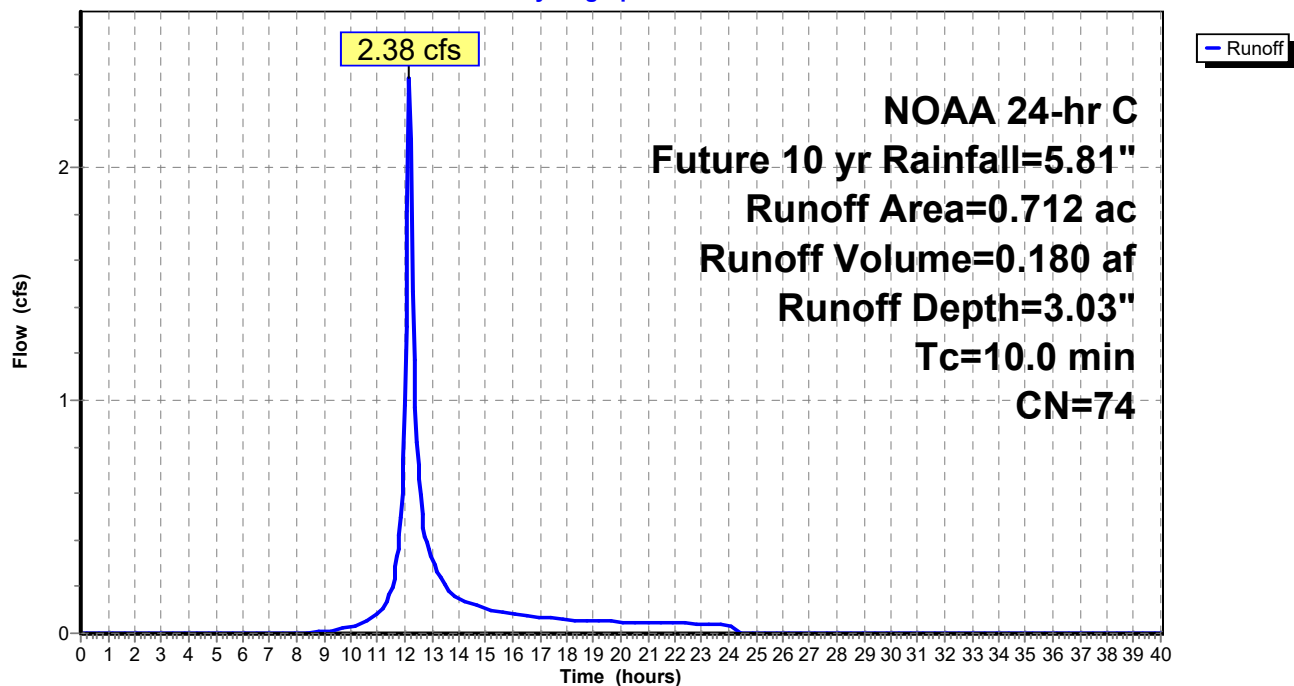
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.712	74	>75% Grass cover, Good, HSG C
0.712		100.00% Pervious Area

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

Subcatchment 9P: PDA-9 (pervious)

Hydrograph



Hydrograph for Subcatchment 9P: PDA-9 (pervious)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.32
10.45	1.18	0.06	0.04	13.05	4.44	1.93	0.30
10.50	1.20	0.06	0.04	13.10	4.46	1.94	0.29
10.55	1.21	0.06	0.05	13.15	4.48	1.96	0.27
10.60	1.23	0.07	0.05	13.20	4.50	1.98	0.26
10.65	1.25	0.07	0.05	13.25	4.52	1.99	0.25
10.70	1.27	0.08	0.06	13.30	4.54	2.01	0.24
10.75	1.29	0.08	0.06	13.35	4.56	2.02	0.23
10.80	1.31	0.09	0.06	13.40	4.58	2.03	0.22
10.85	1.33	0.09	0.07	13.45	4.60	2.05	0.21
10.90	1.35	0.10	0.07	13.50	4.61	2.06	0.20
10.95	1.37	0.11	0.08	13.55	4.63	2.07	0.19
11.00	1.39	0.11	0.09	13.60	4.64	2.08	0.18
11.05	1.42	0.12	0.09	13.65	4.66	2.09	0.17
11.10	1.45	0.13	0.10	13.70	4.67	2.10	0.17
11.15	1.48	0.14	0.11	13.75	4.68	2.12	0.16
11.20	1.51	0.15	0.12	13.80	4.70	2.13	0.16
11.25	1.54	0.16	0.13	13.85	4.71	2.14	0.16
11.30	1.57	0.17	0.14	13.90	4.72	2.15	0.16
11.35	1.61	0.18	0.15	13.95	4.74	2.16	0.15
11.40	1.64	0.20	0.16	14.00	4.75	2.17	0.15
11.45	1.68	0.21	0.17	14.05	4.76	2.18	0.15
11.50	1.72	0.23	0.19	14.10	4.78	2.19	0.15
11.55	1.78	0.25	0.20	14.15	4.79	2.20	0.14
11.60	1.83	0.28	0.24	14.20	4.80	2.21	0.14
11.65	1.90	0.30	0.28	14.25	4.81	2.21	0.14
11.70	1.96	0.33	0.33	14.30	4.82	2.22	0.14
11.75	2.04	0.37	0.36	14.35	4.83	2.23	0.13
11.80	2.13	0.41	0.42	14.40	4.85	2.24	0.13
11.85	2.25	0.47	0.50	14.45	4.86	2.25	0.13
11.90	2.36	0.53	0.60	14.50	4.87	2.26	0.13
11.95	2.57	0.65	0.75	14.55	4.88	2.27	0.12
12.00	2.77	0.77	0.98	14.60	4.89	2.27	0.12
12.05	3.11	0.98	1.31	14.65	4.90	2.28	0.12
12.10	3.45	1.20	1.81	14.70	4.91	2.29	0.12
12.15	3.56	1.28	2.32	14.75	4.92	2.30	0.12
12.20	3.68	1.37	2.33	14.80	4.93	2.31	0.11
12.25	3.77	1.43	1.90	14.85	4.94	2.31	0.11
12.30	3.85	1.49	1.46	14.90	4.94	2.32	0.11
12.35	3.91	1.53	1.17	14.95	4.95	2.33	0.11
12.40	3.98	1.58	0.97	15.00	4.96	2.33	0.10
12.45	4.03	1.62	0.82	15.05	4.97	2.34	0.10
12.50	4.09	1.67	0.72	15.10	4.98	2.35	0.10
12.55	4.13	1.69	0.66	15.15	4.99	2.35	0.10
12.60	4.17	1.72	0.59	15.20	4.99	2.36	0.09
12.65	4.20	1.75	0.51	15.25	5.00	2.37	0.09
12.70	4.24	1.77	0.45	15.30	5.01	2.37	0.09
12.75	4.27	1.80	0.42	15.35	5.02	2.38	0.09
12.80	4.30	1.82	0.39	15.40	5.03	2.38	0.09
12.85	4.33	1.85	0.37	15.45	5.03	2.39	0.09
12.90	4.36	1.87	0.35	15.50	5.04	2.40	0.09
12.95	4.39	1.89	0.34	15.55	5.05	2.40	0.09

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.09	18.20	5.37	2.66	0.06
15.65	5.06	2.41	0.09	18.25	5.37	2.67	0.05
15.70	5.07	2.42	0.09	18.30	5.38	2.67	0.05
15.75	5.08	2.43	0.09	18.35	5.38	2.67	0.05
15.80	5.09	2.43	0.09	18.40	5.39	2.68	0.05
15.85	5.09	2.44	0.08	18.45	5.39	2.68	0.05
15.90	5.10	2.44	0.08	18.50	5.40	2.68	0.05
15.95	5.11	2.45	0.08	18.55	5.40	2.69	0.05
16.00	5.11	2.46	0.08	18.60	5.40	2.69	0.05
16.05	5.12	2.46	0.08	18.65	5.41	2.69	0.05
16.10	5.13	2.47	0.08	18.70	5.41	2.70	0.05
16.15	5.13	2.47	0.08	18.75	5.42	2.70	0.05
16.20	5.14	2.48	0.08	18.80	5.42	2.71	0.05
16.25	5.15	2.48	0.08	18.85	5.43	2.71	0.05
16.30	5.16	2.49	0.08	18.90	5.43	2.71	0.05
16.35	5.16	2.49	0.08	18.95	5.44	2.72	0.05
16.40	5.17	2.50	0.08	19.00	5.44	2.72	0.05
16.45	5.17	2.50	0.08	19.05	5.44	2.72	0.05
16.50	5.18	2.51	0.08	19.10	5.45	2.73	0.05
16.55	5.19	2.52	0.08	19.15	5.45	2.73	0.05
16.60	5.19	2.52	0.08	19.20	5.46	2.73	0.05
16.65	5.20	2.53	0.07	19.25	5.46	2.74	0.05
16.70	5.21	2.53	0.07	19.30	5.47	2.74	0.05
16.75	5.21	2.54	0.07	19.35	5.47	2.75	0.05
16.80	5.22	2.54	0.07	19.40	5.48	2.75	0.05
16.85	5.23	2.55	0.07	19.45	5.48	2.75	0.05
16.90	5.23	2.55	0.07	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.07	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.07	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.07	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.07	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.07	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.07	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.07	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.07	19.90	5.52	2.78	0.05
17.35	5.28	2.59	0.07	19.95	5.52	2.79	0.05
17.40	5.29	2.60	0.07	20.00	5.53	2.79	0.05
17.45	5.29	2.60	0.06	20.05	5.53	2.79	0.05
17.50	5.30	2.61	0.06	20.10	5.53	2.80	0.05
17.55	5.30	2.61	0.06	20.15	5.54	2.80	0.05
17.60	5.31	2.61	0.06	20.20	5.54	2.80	0.05
17.65	5.31	2.62	0.06	20.25	5.55	2.81	0.05
17.70	5.32	2.62	0.06	20.30	5.55	2.81	0.05
17.75	5.33	2.63	0.06	20.35	5.55	2.81	0.05
17.80	5.33	2.63	0.06	20.40	5.56	2.82	0.05
17.85	5.34	2.63	0.06	20.45	5.56	2.82	0.05
17.90	5.34	2.64	0.06	20.50	5.57	2.82	0.05
17.95	5.34	2.64	0.06	20.55	5.57	2.83	0.05
18.00	5.35	2.65	0.06	20.60	5.57	2.83	0.05
18.05	5.35	2.65	0.06	20.65	5.58	2.83	0.05
18.10	5.36	2.65	0.06	20.70	5.58	2.84	0.05
18.15	5.36	2.66	0.06	20.75	5.59	2.84	0.05

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.05	23.40	5.77	2.99	0.04
20.85	5.59	2.85	0.05	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.05	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.05	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.05	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.05	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.05	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.05	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.05	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.04	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.04	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.04	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.04	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.04	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.04	24.10	5.81	3.03	0.03
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.04	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.04	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.04	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.04	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.04	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.04	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.04	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.04	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.04	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.04	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.04	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.04	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.04	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

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

Summary for Subcatchment 10I: PDA-10 (impervious)

Runoff = 5.02 cfs @ 12.17 hrs, Volume= 0.440 af, Depth= 5.57"
 Routed to Pond B-10 : Basin #10

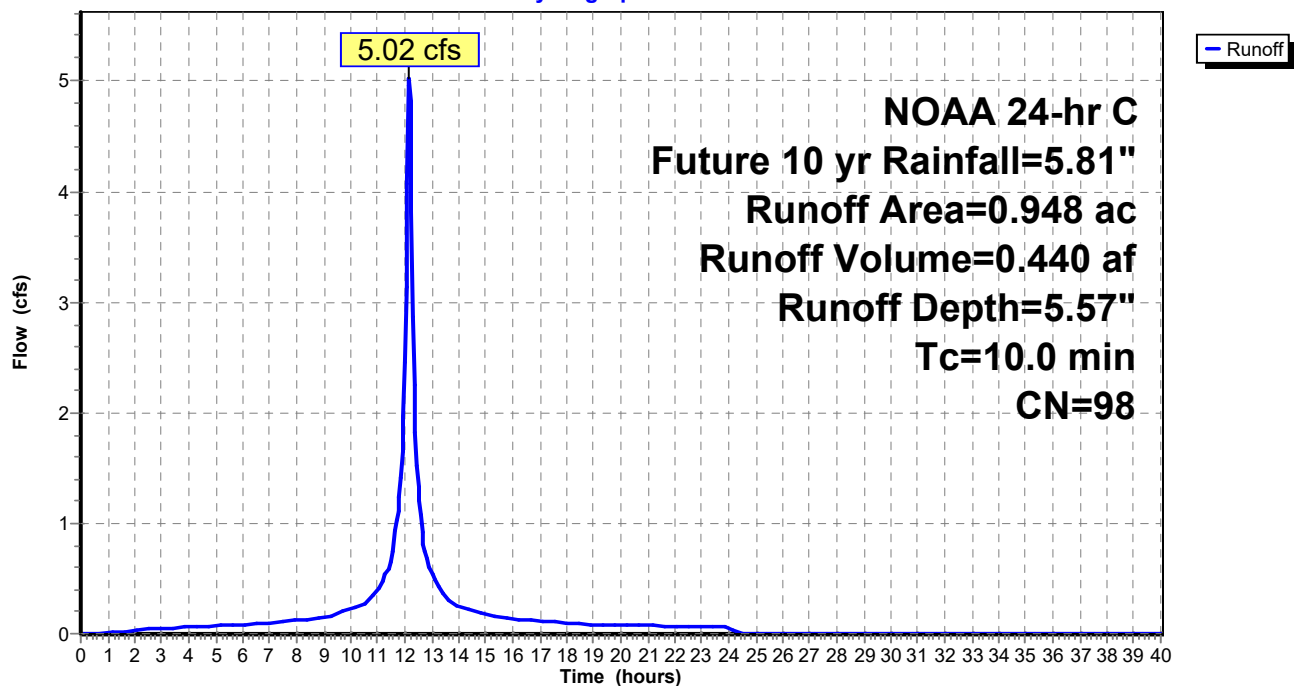
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.570	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.057	98	Concrete, HSG C
0.948	98	Weighted Average
0.948		100.00% Impervious Area

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

Subcatchment 10I: PDA-10 (impervious)

Hydrograph



Hydrograph for Subcatchment 10I: PDA-10 (impervious)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.12
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.12
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.12
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.13
5.55	0.42	0.25	0.08	8.15	0.72	0.52	0.13
5.60	0.42	0.25	0.08	8.20	0.72	0.53	0.13
5.65	0.43	0.25	0.08	8.25	0.73	0.53	0.13
5.70	0.43	0.26	0.08	8.30	0.74	0.54	0.13
5.75	0.44	0.26	0.08	8.35	0.75	0.55	0.13
5.80	0.44	0.27	0.08	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.08	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.08	8.50	0.77	0.57	0.14
5.95	0.46	0.28	0.08	8.55	0.78	0.58	0.14
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.14
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.14
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.14
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.14
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.14
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.09	8.95	0.84	0.64	0.15
6.40	0.50	0.32	0.09	9.00	0.85	0.64	0.15
6.45	0.51	0.32	0.09	9.05	0.86	0.65	0.15
6.50	0.51	0.33	0.09	9.10	0.87	0.66	0.15
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.16
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.16
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.17
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.17
6.80	0.54	0.36	0.10	9.40	0.92	0.72	0.17
6.85	0.55	0.36	0.10	9.45	0.93	0.73	0.18
6.90	0.56	0.37	0.10	9.50	0.94	0.74	0.18
6.95	0.56	0.37	0.10	9.55	0.95	0.75	0.19
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.19
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.19
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.20
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.20
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.21
7.25	0.60	0.41	0.11	9.85	1.02	0.81	0.21
7.30	0.60	0.41	0.11	9.90	1.03	0.82	0.22
7.35	0.61	0.42	0.11	9.95	1.05	0.84	0.22
7.40	0.62	0.42	0.11	10.00	1.06	0.85	0.22
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.23
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.23
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.24
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.24
7.65	0.65	0.45	0.12	10.25	1.13	0.91	0.24
7.70	0.65	0.46	0.12	10.30	1.14	0.93	0.25
7.75	0.66	0.47	0.12	10.35	1.15	0.94	0.25

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.26	13.00	4.42	4.18	0.56
10.45	1.18	0.97	0.26	13.05	4.44	4.20	0.53
10.50	1.20	0.98	0.27	13.10	4.46	4.23	0.50
10.55	1.21	1.00	0.27	13.15	4.48	4.25	0.47
10.60	1.23	1.02	0.28	13.20	4.50	4.27	0.45
10.65	1.25	1.03	0.29	13.25	4.52	4.29	0.43
10.70	1.27	1.05	0.31	13.30	4.54	4.31	0.41
10.75	1.29	1.07	0.32	13.35	4.56	4.33	0.39
10.80	1.31	1.09	0.34	13.40	4.58	4.34	0.38
10.85	1.33	1.11	0.35	13.45	4.60	4.36	0.36
10.90	1.35	1.13	0.37	13.50	4.61	4.38	0.35
10.95	1.37	1.15	0.38	13.55	4.63	4.39	0.33
11.00	1.39	1.18	0.40	13.60	4.64	4.41	0.31
11.05	1.42	1.20	0.42	13.65	4.66	4.42	0.30
11.10	1.45	1.23	0.44	13.70	4.67	4.43	0.29
11.15	1.48	1.26	0.46	13.75	4.68	4.45	0.28
11.20	1.51	1.29	0.49	13.80	4.70	4.46	0.27
11.25	1.54	1.32	0.52	13.85	4.71	4.48	0.27
11.30	1.57	1.35	0.55	13.90	4.72	4.49	0.26
11.35	1.61	1.38	0.58	13.95	4.74	4.50	0.26
11.40	1.64	1.42	0.61	14.00	4.75	4.51	0.26
11.45	1.68	1.46	0.64	14.05	4.76	4.53	0.25
11.50	1.72	1.49	0.66	14.10	4.78	4.54	0.25
11.55	1.78	1.55	0.70	14.15	4.79	4.55	0.24
11.60	1.83	1.61	0.80	14.20	4.80	4.56	0.24
11.65	1.90	1.67	0.93	14.25	4.81	4.57	0.23
11.70	1.96	1.73	1.04	14.30	4.82	4.59	0.23
11.75	2.04	1.82	1.12	14.35	4.83	4.60	0.23
11.80	2.13	1.90	1.24	14.40	4.85	4.61	0.22
11.85	2.25	2.02	1.41	14.45	4.86	4.62	0.22
11.90	2.36	2.13	1.65	14.50	4.87	4.63	0.21
11.95	2.57	2.34	1.96	14.55	4.88	4.64	0.21
12.00	2.77	2.54	2.46	14.60	4.89	4.65	0.21
12.05	3.11	2.88	3.13	14.65	4.90	4.66	0.20
12.10	3.45	3.21	4.07	14.70	4.91	4.67	0.20
12.15	3.56	3.33	4.95	14.75	4.92	4.68	0.19
12.20	3.68	3.45	4.82	14.80	4.93	4.69	0.19
12.25	3.77	3.53	3.82	14.85	4.94	4.70	0.19
12.30	3.85	3.62	2.87	14.90	4.94	4.71	0.18
12.35	3.91	3.68	2.26	14.95	4.95	4.72	0.18
12.40	3.98	3.74	1.83	15.00	4.96	4.72	0.17
12.45	4.03	3.80	1.52	15.05	4.97	4.73	0.17
12.50	4.09	3.86	1.33	15.10	4.98	4.74	0.16
12.55	4.13	3.90	1.21	15.15	4.99	4.75	0.16
12.60	4.17	3.93	1.07	15.20	4.99	4.76	0.16
12.65	4.20	3.97	0.92	15.25	5.00	4.76	0.16
12.70	4.24	4.00	0.81	15.30	5.01	4.77	0.15
12.75	4.27	4.04	0.74	15.35	5.02	4.78	0.15
12.80	4.30	4.07	0.69	15.40	5.03	4.79	0.15
12.85	4.33	4.10	0.66	15.45	5.03	4.80	0.15
12.90	4.36	4.13	0.62	15.50	5.04	4.80	0.15
12.95	4.39	4.15	0.59	15.55	5.05	4.81	0.15

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.15	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.15	18.25	5.37	5.14	0.09
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.09
15.75	5.08	4.84	0.14	18.35	5.38	5.14	0.09
15.80	5.09	4.85	0.14	18.40	5.39	5.15	0.09
15.85	5.09	4.86	0.14	18.45	5.39	5.15	0.09
15.90	5.10	4.86	0.14	18.50	5.40	5.16	0.09
15.95	5.11	4.87	0.14	18.55	5.40	5.16	0.09
16.00	5.11	4.88	0.14	18.60	5.40	5.17	0.09
16.05	5.12	4.88	0.14	18.65	5.41	5.17	0.09
16.10	5.13	4.89	0.14	18.70	5.41	5.18	0.09
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.09
16.20	5.14	4.90	0.13	18.80	5.42	5.19	0.09
16.25	5.15	4.91	0.13	18.85	5.43	5.19	0.09
16.30	5.16	4.92	0.13	18.90	5.43	5.19	0.09
16.35	5.16	4.92	0.13	18.95	5.44	5.20	0.09
16.40	5.17	4.93	0.13	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.13	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.13	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.13	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.12	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.12	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.12	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.12	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.12	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.12	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.12	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.11	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.11	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.11	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.11	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.11	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.11	20.05	5.53	5.29	0.08
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.08
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.08
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.08
17.65	5.31	5.08	0.10	20.25	5.55	5.31	0.08
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.08
17.75	5.33	5.09	0.10	20.35	5.55	5.32	0.08
17.80	5.33	5.09	0.10	20.40	5.56	5.32	0.08
17.85	5.34	5.10	0.10	20.45	5.56	5.32	0.08
17.90	5.34	5.10	0.10	20.50	5.57	5.33	0.08
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.08
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.08
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.08
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.08
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.08

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.06
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.07	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.07	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.07	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.07	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.07	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.07	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.07	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.07	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.07	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.07	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.07	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.07	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.07	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

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

Summary for Subcatchment 10P: PDA-10 (pervious)

Runoff = 2.43 cfs @ 12.18 hrs, Volume= 0.183 af, Depth= 3.03"
 Routed to Pond B-10 : Basin #10

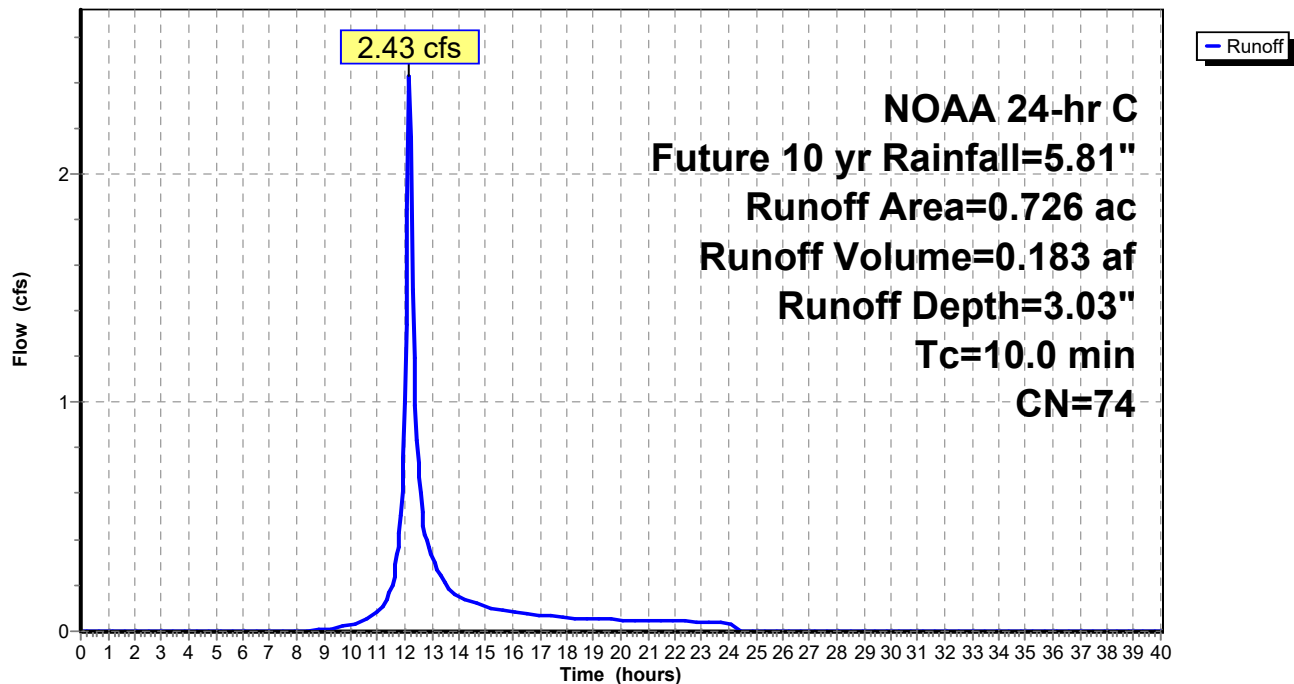
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.726	74	>75% Grass cover, Good, HSG C
0.726		100.00% Pervious Area

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

Subcatchment 10P: PDA-10 (pervious)

Hydrograph



Hydrograph for Subcatchment 10P: PDA-10 (pervious)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.33
10.45	1.18	0.06	0.04	13.05	4.44	1.93	0.31
10.50	1.20	0.06	0.04	13.10	4.46	1.94	0.29
10.55	1.21	0.06	0.05	13.15	4.48	1.96	0.28
10.60	1.23	0.07	0.05	13.20	4.50	1.98	0.26
10.65	1.25	0.07	0.05	13.25	4.52	1.99	0.25
10.70	1.27	0.08	0.06	13.30	4.54	2.01	0.24
10.75	1.29	0.08	0.06	13.35	4.56	2.02	0.23
10.80	1.31	0.09	0.07	13.40	4.58	2.03	0.22
10.85	1.33	0.09	0.07	13.45	4.60	2.05	0.21
10.90	1.35	0.10	0.08	13.50	4.61	2.06	0.20
10.95	1.37	0.11	0.08	13.55	4.63	2.07	0.20
11.00	1.39	0.11	0.09	13.60	4.64	2.08	0.19
11.05	1.42	0.12	0.09	13.65	4.66	2.09	0.18
11.10	1.45	0.13	0.10	13.70	4.67	2.10	0.17
11.15	1.48	0.14	0.11	13.75	4.68	2.12	0.17
11.20	1.51	0.15	0.12	13.80	4.70	2.13	0.16
11.25	1.54	0.16	0.13	13.85	4.71	2.14	0.16
11.30	1.57	0.17	0.14	13.90	4.72	2.15	0.16
11.35	1.61	0.18	0.15	13.95	4.74	2.16	0.16
11.40	1.64	0.20	0.16	14.00	4.75	2.17	0.15
11.45	1.68	0.21	0.18	14.05	4.76	2.18	0.15
11.50	1.72	0.23	0.19	14.10	4.78	2.19	0.15
11.55	1.78	0.25	0.21	14.15	4.79	2.20	0.15
11.60	1.83	0.28	0.24	14.20	4.80	2.21	0.14
11.65	1.90	0.30	0.29	14.25	4.81	2.21	0.14
11.70	1.96	0.33	0.33	14.30	4.82	2.22	0.14
11.75	2.04	0.37	0.37	14.35	4.83	2.23	0.14
11.80	2.13	0.41	0.43	14.40	4.85	2.24	0.13
11.85	2.25	0.47	0.51	14.45	4.86	2.25	0.13
11.90	2.36	0.53	0.61	14.50	4.87	2.26	0.13
11.95	2.57	0.65	0.76	14.55	4.88	2.27	0.13
12.00	2.77	0.77	1.00	14.60	4.89	2.27	0.12
12.05	3.11	0.98	1.34	14.65	4.90	2.28	0.12
12.10	3.45	1.20	1.84	14.70	4.91	2.29	0.12
12.15	3.56	1.28	2.36	14.75	4.92	2.30	0.12
12.20	3.68	1.37	2.38	14.80	4.93	2.31	0.11
12.25	3.77	1.43	1.94	14.85	4.94	2.31	0.11
12.30	3.85	1.49	1.49	14.90	4.94	2.32	0.11
12.35	3.91	1.53	1.20	14.95	4.95	2.33	0.11
12.40	3.98	1.58	0.99	15.00	4.96	2.33	0.10
12.45	4.03	1.62	0.83	15.05	4.97	2.34	0.10
12.50	4.09	1.67	0.74	15.10	4.98	2.35	0.10
12.55	4.13	1.69	0.68	15.15	4.99	2.35	0.10
12.60	4.17	1.72	0.60	15.20	4.99	2.36	0.10
12.65	4.20	1.75	0.52	15.25	5.00	2.37	0.09
12.70	4.24	1.77	0.46	15.30	5.01	2.37	0.09
12.75	4.27	1.80	0.42	15.35	5.02	2.38	0.09
12.80	4.30	1.82	0.40	15.40	5.03	2.38	0.09
12.85	4.33	1.85	0.38	15.45	5.03	2.39	0.09
12.90	4.36	1.87	0.36	15.50	5.04	2.40	0.09
12.95	4.39	1.89	0.34	15.55	5.05	2.40	0.09

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.09	18.20	5.37	2.66	0.06
15.65	5.06	2.41	0.09	18.25	5.37	2.67	0.06
15.70	5.07	2.42	0.09	18.30	5.38	2.67	0.06
15.75	5.08	2.43	0.09	18.35	5.38	2.67	0.06
15.80	5.09	2.43	0.09	18.40	5.39	2.68	0.06
15.85	5.09	2.44	0.09	18.45	5.39	2.68	0.06
15.90	5.10	2.44	0.09	18.50	5.40	2.68	0.05
15.95	5.11	2.45	0.09	18.55	5.40	2.69	0.05
16.00	5.11	2.46	0.08	18.60	5.40	2.69	0.05
16.05	5.12	2.46	0.08	18.65	5.41	2.69	0.05
16.10	5.13	2.47	0.08	18.70	5.41	2.70	0.05
16.15	5.13	2.47	0.08	18.75	5.42	2.70	0.05
16.20	5.14	2.48	0.08	18.80	5.42	2.71	0.05
16.25	5.15	2.48	0.08	18.85	5.43	2.71	0.05
16.30	5.16	2.49	0.08	18.90	5.43	2.71	0.05
16.35	5.16	2.49	0.08	18.95	5.44	2.72	0.05
16.40	5.17	2.50	0.08	19.00	5.44	2.72	0.05
16.45	5.17	2.50	0.08	19.05	5.44	2.72	0.05
16.50	5.18	2.51	0.08	19.10	5.45	2.73	0.05
16.55	5.19	2.52	0.08	19.15	5.45	2.73	0.05
16.60	5.19	2.52	0.08	19.20	5.46	2.73	0.05
16.65	5.20	2.53	0.08	19.25	5.46	2.74	0.05
16.70	5.21	2.53	0.08	19.30	5.47	2.74	0.05
16.75	5.21	2.54	0.08	19.35	5.47	2.75	0.05
16.80	5.22	2.54	0.07	19.40	5.48	2.75	0.05
16.85	5.23	2.55	0.07	19.45	5.48	2.75	0.05
16.90	5.23	2.55	0.07	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.07	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.07	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.07	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.07	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.07	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.07	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.07	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.07	19.90	5.52	2.78	0.05
17.35	5.28	2.59	0.07	19.95	5.52	2.79	0.05
17.40	5.29	2.60	0.07	20.00	5.53	2.79	0.05
17.45	5.29	2.60	0.07	20.05	5.53	2.79	0.05
17.50	5.30	2.61	0.07	20.10	5.53	2.80	0.05
17.55	5.30	2.61	0.06	20.15	5.54	2.80	0.05
17.60	5.31	2.61	0.06	20.20	5.54	2.80	0.05
17.65	5.31	2.62	0.06	20.25	5.55	2.81	0.05
17.70	5.32	2.62	0.06	20.30	5.55	2.81	0.05
17.75	5.33	2.63	0.06	20.35	5.55	2.81	0.05
17.80	5.33	2.63	0.06	20.40	5.56	2.82	0.05
17.85	5.34	2.63	0.06	20.45	5.56	2.82	0.05
17.90	5.34	2.64	0.06	20.50	5.57	2.82	0.05
17.95	5.34	2.64	0.06	20.55	5.57	2.83	0.05
18.00	5.35	2.65	0.06	20.60	5.57	2.83	0.05
18.05	5.35	2.65	0.06	20.65	5.58	2.83	0.05
18.10	5.36	2.65	0.06	20.70	5.58	2.84	0.05
18.15	5.36	2.66	0.06	20.75	5.59	2.84	0.05

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.05	23.40	5.77	2.99	0.04
20.85	5.59	2.85	0.05	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.05	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.05	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.05	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.05	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.05	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.05	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.05	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.05	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.05	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.05	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.05	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.05	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.03
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.04	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.04	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.04	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.04	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.04	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.04	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.04	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.04	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.04	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.04	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.04	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.04	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.04	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

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

Summary for Subcatchment 11I: PDA-11 (impervious)

Runoff = 6.91 cfs @ 12.17 hrs, Volume= 0.605 af, Depth= 5.57"
 Routed to Pond B-11 : Basin #11

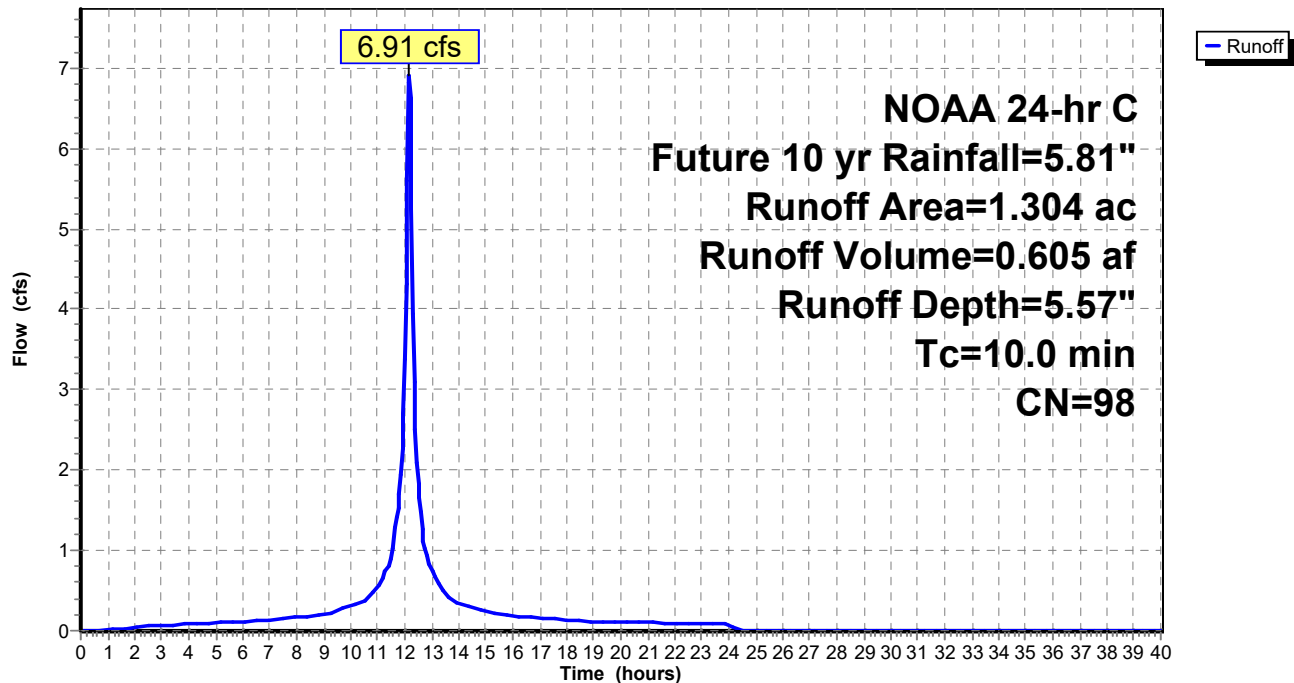
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.166	98	Concrete, HSG C
0.231	98	Roofs, HSG C
0.907	98	Paved roads w/curbs & sewers, HSG C
1.304	98	Weighted Average
1.304		100.00% Impervious Area

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

Subcatchment 11I: PDA-11 (impervious)

Hydrograph



Hydrograph for Subcatchment 11I: PDA-11 (impervious)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.10	7.80	0.67	0.47	0.16
5.25	0.39	0.22	0.10	7.85	0.68	0.48	0.16
5.30	0.40	0.23	0.10	7.90	0.68	0.49	0.17
5.35	0.40	0.23	0.10	7.95	0.69	0.49	0.17
5.40	0.41	0.23	0.10	8.00	0.70	0.50	0.17
5.45	0.41	0.24	0.10	8.05	0.70	0.51	0.17
5.50	0.41	0.24	0.10	8.10	0.71	0.51	0.17
5.55	0.42	0.25	0.10	8.15	0.72	0.52	0.17
5.60	0.42	0.25	0.10	8.20	0.72	0.53	0.18
5.65	0.43	0.25	0.10	8.25	0.73	0.53	0.18
5.70	0.43	0.26	0.11	8.30	0.74	0.54	0.18
5.75	0.44	0.26	0.11	8.35	0.75	0.55	0.18
5.80	0.44	0.27	0.11	8.40	0.75	0.55	0.18
5.85	0.45	0.27	0.11	8.45	0.76	0.56	0.18
5.90	0.45	0.27	0.11	8.50	0.77	0.57	0.19
5.95	0.46	0.28	0.11	8.55	0.78	0.58	0.19
6.00	0.46	0.28	0.11	8.60	0.78	0.58	0.19
6.05	0.47	0.29	0.11	8.65	0.79	0.59	0.19
6.10	0.47	0.29	0.11	8.70	0.80	0.60	0.19
6.15	0.47	0.30	0.11	8.75	0.81	0.61	0.19
6.20	0.48	0.30	0.11	8.80	0.82	0.61	0.20
6.25	0.48	0.30	0.11	8.85	0.82	0.62	0.20
6.30	0.49	0.31	0.12	8.90	0.83	0.63	0.20
6.35	0.50	0.31	0.12	8.95	0.84	0.64	0.20
6.40	0.50	0.32	0.12	9.00	0.85	0.64	0.20
6.45	0.51	0.32	0.12	9.05	0.86	0.65	0.20
6.50	0.51	0.33	0.12	9.10	0.87	0.66	0.21
6.55	0.52	0.33	0.12	9.15	0.87	0.67	0.21
6.60	0.52	0.34	0.13	9.20	0.88	0.68	0.22
6.65	0.53	0.34	0.13	9.25	0.89	0.69	0.22
6.70	0.53	0.35	0.13	9.30	0.90	0.70	0.23
6.75	0.54	0.35	0.13	9.35	0.91	0.71	0.23
6.80	0.54	0.36	0.13	9.40	0.92	0.72	0.24
6.85	0.55	0.36	0.13	9.45	0.93	0.73	0.24
6.90	0.56	0.37	0.13	9.50	0.94	0.74	0.25
6.95	0.56	0.37	0.14	9.55	0.95	0.75	0.26
7.00	0.57	0.38	0.14	9.60	0.96	0.76	0.26
7.05	0.57	0.38	0.14	9.65	0.98	0.77	0.27
7.10	0.58	0.39	0.14	9.70	0.99	0.78	0.27
7.15	0.58	0.40	0.14	9.75	1.00	0.79	0.28
7.20	0.59	0.40	0.14	9.80	1.01	0.80	0.28
7.25	0.60	0.41	0.15	9.85	1.02	0.81	0.29
7.30	0.60	0.41	0.15	9.90	1.03	0.82	0.30
7.35	0.61	0.42	0.15	9.95	1.05	0.84	0.30
7.40	0.62	0.42	0.15	10.00	1.06	0.85	0.31
7.45	0.62	0.43	0.15	10.05	1.07	0.86	0.31
7.50	0.63	0.44	0.15	10.10	1.09	0.87	0.32
7.55	0.64	0.44	0.16	10.15	1.10	0.89	0.32
7.60	0.64	0.45	0.16	10.20	1.11	0.90	0.33
7.65	0.65	0.45	0.16	10.25	1.13	0.91	0.34
7.70	0.65	0.46	0.16	10.30	1.14	0.93	0.34
7.75	0.66	0.47	0.16	10.35	1.15	0.94	0.35

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.35	13.00	4.42	4.18	0.77
10.45	1.18	0.97	0.36	13.05	4.44	4.20	0.73
10.50	1.20	0.98	0.37	13.10	4.46	4.23	0.69
10.55	1.21	1.00	0.37	13.15	4.48	4.25	0.65
10.60	1.23	1.02	0.38	13.20	4.50	4.27	0.62
10.65	1.25	1.03	0.40	13.25	4.52	4.29	0.59
10.70	1.27	1.05	0.42	13.30	4.54	4.31	0.56
10.75	1.29	1.07	0.44	13.35	4.56	4.33	0.54
10.80	1.31	1.09	0.46	13.40	4.58	4.34	0.52
10.85	1.33	1.11	0.48	13.45	4.60	4.36	0.50
10.90	1.35	1.13	0.51	13.50	4.61	4.38	0.48
10.95	1.37	1.15	0.53	13.55	4.63	4.39	0.45
11.00	1.39	1.18	0.55	13.60	4.64	4.41	0.43
11.05	1.42	1.20	0.57	13.65	4.66	4.42	0.41
11.10	1.45	1.23	0.60	13.70	4.67	4.43	0.40
11.15	1.48	1.26	0.64	13.75	4.68	4.45	0.38
11.20	1.51	1.29	0.68	13.80	4.70	4.46	0.38
11.25	1.54	1.32	0.71	13.85	4.71	4.48	0.37
11.30	1.57	1.35	0.75	13.90	4.72	4.49	0.36
11.35	1.61	1.38	0.80	13.95	4.74	4.50	0.36
11.40	1.64	1.42	0.84	14.00	4.75	4.51	0.35
11.45	1.68	1.46	0.88	14.05	4.76	4.53	0.35
11.50	1.72	1.49	0.91	14.10	4.78	4.54	0.34
11.55	1.78	1.55	0.97	14.15	4.79	4.55	0.33
11.60	1.83	1.61	1.09	14.20	4.80	4.56	0.33
11.65	1.90	1.67	1.28	14.25	4.81	4.57	0.32
11.70	1.96	1.73	1.42	14.30	4.82	4.59	0.32
11.75	2.04	1.82	1.54	14.35	4.83	4.60	0.31
11.80	2.13	1.90	1.71	14.40	4.85	4.61	0.31
11.85	2.25	2.02	1.95	14.45	4.86	4.62	0.30
11.90	2.36	2.13	2.27	14.50	4.87	4.63	0.29
11.95	2.57	2.34	2.70	14.55	4.88	4.64	0.29
12.00	2.77	2.54	3.38	14.60	4.89	4.65	0.28
12.05	3.11	2.88	4.31	14.65	4.90	4.66	0.28
12.10	3.45	3.21	5.60	14.70	4.91	4.67	0.27
12.15	3.56	3.33	6.82	14.75	4.92	4.68	0.27
12.20	3.68	3.45	6.63	14.80	4.93	4.69	0.26
12.25	3.77	3.53	5.25	14.85	4.94	4.70	0.25
12.30	3.85	3.62	3.95	14.90	4.94	4.71	0.25
12.35	3.91	3.68	3.10	14.95	4.95	4.72	0.24
12.40	3.98	3.74	2.51	15.00	4.96	4.72	0.24
12.45	4.03	3.80	2.10	15.05	4.97	4.73	0.23
12.50	4.09	3.86	1.83	15.10	4.98	4.74	0.23
12.55	4.13	3.90	1.66	15.15	4.99	4.75	0.22
12.60	4.17	3.93	1.48	15.20	4.99	4.76	0.22
12.65	4.20	3.97	1.27	15.25	5.00	4.76	0.21
12.70	4.24	4.00	1.11	15.30	5.01	4.77	0.21
12.75	4.27	4.04	1.02	15.35	5.02	4.78	0.21
12.80	4.30	4.07	0.96	15.40	5.03	4.79	0.21
12.85	4.33	4.10	0.90	15.45	5.03	4.80	0.21
12.90	4.36	4.13	0.86	15.50	5.04	4.80	0.21
12.95	4.39	4.15	0.81	15.55	5.05	4.81	0.20

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.20	18.20	5.37	5.13	0.12
15.65	5.06	4.83	0.20	18.25	5.37	5.14	0.12
15.70	5.07	4.83	0.20	18.30	5.38	5.14	0.12
15.75	5.08	4.84	0.20	18.35	5.38	5.14	0.12
15.80	5.09	4.85	0.20	18.40	5.39	5.15	0.12
15.85	5.09	4.86	0.19	18.45	5.39	5.15	0.12
15.90	5.10	4.86	0.19	18.50	5.40	5.16	0.12
15.95	5.11	4.87	0.19	18.55	5.40	5.16	0.12
16.00	5.11	4.88	0.19	18.60	5.40	5.17	0.12
16.05	5.12	4.88	0.19	18.65	5.41	5.17	0.12
16.10	5.13	4.89	0.19	18.70	5.41	5.18	0.12
16.15	5.13	4.90	0.19	18.75	5.42	5.18	0.12
16.20	5.14	4.90	0.18	18.80	5.42	5.19	0.12
16.25	5.15	4.91	0.18	18.85	5.43	5.19	0.12
16.30	5.16	4.92	0.18	18.90	5.43	5.19	0.12
16.35	5.16	4.92	0.18	18.95	5.44	5.20	0.12
16.40	5.17	4.93	0.18	19.00	5.44	5.20	0.12
16.45	5.17	4.94	0.18	19.05	5.44	5.21	0.12
16.50	5.18	4.94	0.17	19.10	5.45	5.21	0.12
16.55	5.19	4.95	0.17	19.15	5.45	5.22	0.12
16.60	5.19	4.96	0.17	19.20	5.46	5.22	0.12
16.65	5.20	4.96	0.17	19.25	5.46	5.22	0.11
16.70	5.21	4.97	0.17	19.30	5.47	5.23	0.11
16.75	5.21	4.98	0.17	19.35	5.47	5.23	0.11
16.80	5.22	4.98	0.17	19.40	5.48	5.24	0.11
16.85	5.23	4.99	0.16	19.45	5.48	5.24	0.11
16.90	5.23	4.99	0.16	19.50	5.48	5.25	0.11
16.95	5.24	5.00	0.16	19.55	5.49	5.25	0.11
17.00	5.24	5.01	0.16	19.60	5.49	5.25	0.11
17.05	5.25	5.01	0.16	19.65	5.50	5.26	0.11
17.10	5.25	5.02	0.16	19.70	5.50	5.26	0.11
17.15	5.26	5.02	0.15	19.75	5.50	5.27	0.11
17.20	5.27	5.03	0.15	19.80	5.51	5.27	0.11
17.25	5.27	5.03	0.15	19.85	5.51	5.28	0.11
17.30	5.28	5.04	0.15	19.90	5.52	5.28	0.11
17.35	5.28	5.05	0.15	19.95	5.52	5.28	0.11
17.40	5.29	5.05	0.15	20.00	5.53	5.29	0.11
17.45	5.29	5.06	0.15	20.05	5.53	5.29	0.11
17.50	5.30	5.06	0.14	20.10	5.53	5.30	0.11
17.55	5.30	5.07	0.14	20.15	5.54	5.30	0.11
17.60	5.31	5.07	0.14	20.20	5.54	5.30	0.11
17.65	5.31	5.08	0.14	20.25	5.55	5.31	0.11
17.70	5.32	5.08	0.14	20.30	5.55	5.31	0.11
17.75	5.33	5.09	0.14	20.35	5.55	5.32	0.11
17.80	5.33	5.09	0.14	20.40	5.56	5.32	0.11
17.85	5.34	5.10	0.13	20.45	5.56	5.32	0.11
17.90	5.34	5.10	0.13	20.50	5.57	5.33	0.11
17.95	5.34	5.11	0.13	20.55	5.57	5.33	0.10
18.00	5.35	5.11	0.13	20.60	5.57	5.34	0.10
18.05	5.35	5.12	0.13	20.65	5.58	5.34	0.10
18.10	5.36	5.12	0.13	20.70	5.58	5.34	0.10
18.15	5.36	5.13	0.12	20.75	5.59	5.35	0.10

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.10	23.40	5.77	5.53	0.08
20.85	5.59	5.36	0.10	23.45	5.78	5.54	0.08
20.90	5.60	5.36	0.10	23.50	5.78	5.54	0.08
20.95	5.60	5.36	0.10	23.55	5.78	5.54	0.08
21.00	5.61	5.37	0.10	23.60	5.78	5.55	0.08
21.05	5.61	5.37	0.10	23.65	5.79	5.55	0.08
21.10	5.61	5.37	0.10	23.70	5.79	5.55	0.08
21.15	5.62	5.38	0.10	23.75	5.79	5.56	0.08
21.20	5.62	5.38	0.10	23.80	5.80	5.56	0.08
21.25	5.62	5.39	0.10	23.85	5.80	5.56	0.08
21.30	5.63	5.39	0.10	23.90	5.80	5.56	0.08
21.35	5.63	5.39	0.10	23.95	5.81	5.57	0.08
21.40	5.64	5.40	0.10	24.00	5.81	5.57	0.08
21.45	5.64	5.40	0.10	24.05	5.81	5.57	0.09
21.50	5.64	5.40	0.10	24.10	5.81	5.57	0.07
21.55	5.65	5.41	0.10	24.15	5.81	5.57	0.04
21.60	5.65	5.41	0.10	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.10	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.10	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.10	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.10	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.10	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.10	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.09	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.09	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.09	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.09	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.09	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.09	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.09	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.09	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.09	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.09	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.09	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.09	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.09	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.09	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.09	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.09	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.09	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.09	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.09	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.09	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.09	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.09	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.09	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.09	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.09	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.08	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.08	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.08	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.08	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

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

Summary for Subcatchment 11P: PDA-11 (pervious)

Runoff = 3.09 cfs @ 12.18 hrs, Volume= 0.233 af, Depth= 3.03"
 Routed to Pond B-11 : Basin #11

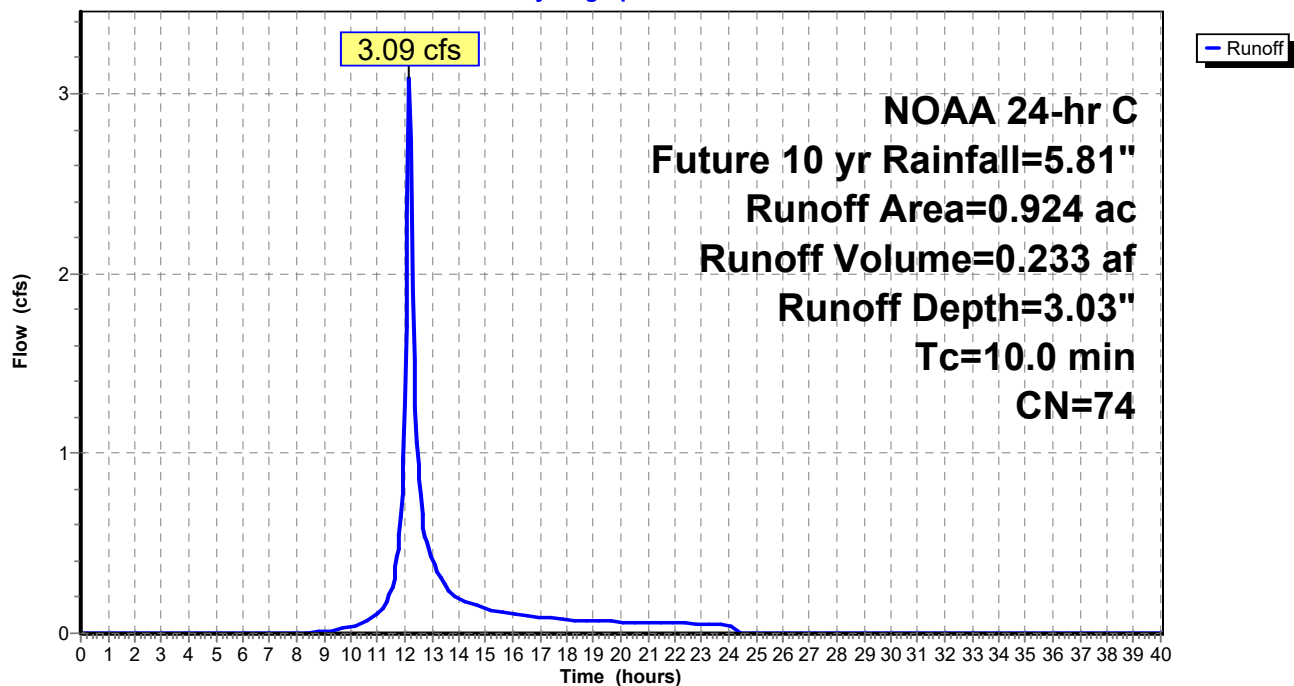
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.924	74	>75% Grass cover, Good, HSG C
0.924		100.00% Pervious Area

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

Subcatchment 11P: PDA-11 (pervious)

Hydrograph



Hydrograph for Subcatchment 11P: PDA-11 (pervious)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.42
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.39
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.37
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.35
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.33
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.32
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.31
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.30
10.80	1.31	0.09	0.08	13.40	4.58	2.03	0.28
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.27
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.26
10.95	1.37	0.11	0.10	13.55	4.63	2.07	0.25
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.24
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.23
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.22
11.15	1.48	0.14	0.14	13.75	4.68	2.12	0.21
11.20	1.51	0.15	0.15	13.80	4.70	2.13	0.21
11.25	1.54	0.16	0.16	13.85	4.71	2.14	0.20
11.30	1.57	0.17	0.18	13.90	4.72	2.15	0.20
11.35	1.61	0.18	0.19	13.95	4.74	2.16	0.20
11.40	1.64	0.20	0.21	14.00	4.75	2.17	0.20
11.45	1.68	0.21	0.22	14.05	4.76	2.18	0.19
11.50	1.72	0.23	0.24	14.10	4.78	2.19	0.19
11.55	1.78	0.25	0.26	14.15	4.79	2.20	0.19
11.60	1.83	0.28	0.31	14.20	4.80	2.21	0.18
11.65	1.90	0.30	0.37	14.25	4.81	2.21	0.18
11.70	1.96	0.33	0.42	14.30	4.82	2.22	0.18
11.75	2.04	0.37	0.47	14.35	4.83	2.23	0.17
11.80	2.13	0.41	0.54	14.40	4.85	2.24	0.17
11.85	2.25	0.47	0.64	14.45	4.86	2.25	0.17
11.90	2.36	0.53	0.78	14.50	4.87	2.26	0.16
11.95	2.57	0.65	0.97	14.55	4.88	2.27	0.16
12.00	2.77	0.77	1.27	14.60	4.89	2.27	0.16
12.05	3.11	0.98	1.71	14.65	4.90	2.28	0.16
12.10	3.45	1.20	2.35	14.70	4.91	2.29	0.15
12.15	3.56	1.28	3.00	14.75	4.92	2.30	0.15
12.20	3.68	1.37	3.03	14.80	4.93	2.31	0.15
12.25	3.77	1.43	2.46	14.85	4.94	2.31	0.14
12.30	3.85	1.49	1.90	14.90	4.94	2.32	0.14
12.35	3.91	1.53	1.52	14.95	4.95	2.33	0.14
12.40	3.98	1.58	1.25	15.00	4.96	2.33	0.13
12.45	4.03	1.62	1.06	15.05	4.97	2.34	0.13
12.50	4.09	1.67	0.94	15.10	4.98	2.35	0.13
12.55	4.13	1.69	0.86	15.15	4.99	2.35	0.12
12.60	4.17	1.72	0.77	15.20	4.99	2.36	0.12
12.65	4.20	1.75	0.66	15.25	5.00	2.37	0.12
12.70	4.24	1.77	0.59	15.30	5.01	2.37	0.12
12.75	4.27	1.80	0.54	15.35	5.02	2.38	0.12
12.80	4.30	1.82	0.51	15.40	5.03	2.38	0.12
12.85	4.33	1.85	0.48	15.45	5.03	2.39	0.12
12.90	4.36	1.87	0.46	15.50	5.04	2.40	0.12
12.95	4.39	1.89	0.44	15.55	5.05	2.40	0.12

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.11	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.11	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.11	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.11	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.11	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.11	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.11	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.11	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.11	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.11	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.11	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.10	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.10	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.10	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.10	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.10	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.10	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.10	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.09	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.09	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.09	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.09	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.08	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

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

Summary for Subcatchment 12I: PDA-12 (impervious)

Runoff = 5.75 cfs @ 12.17 hrs, Volume= 0.504 af, Depth= 5.57"
 Routed to Pond B-12 : Basin #12

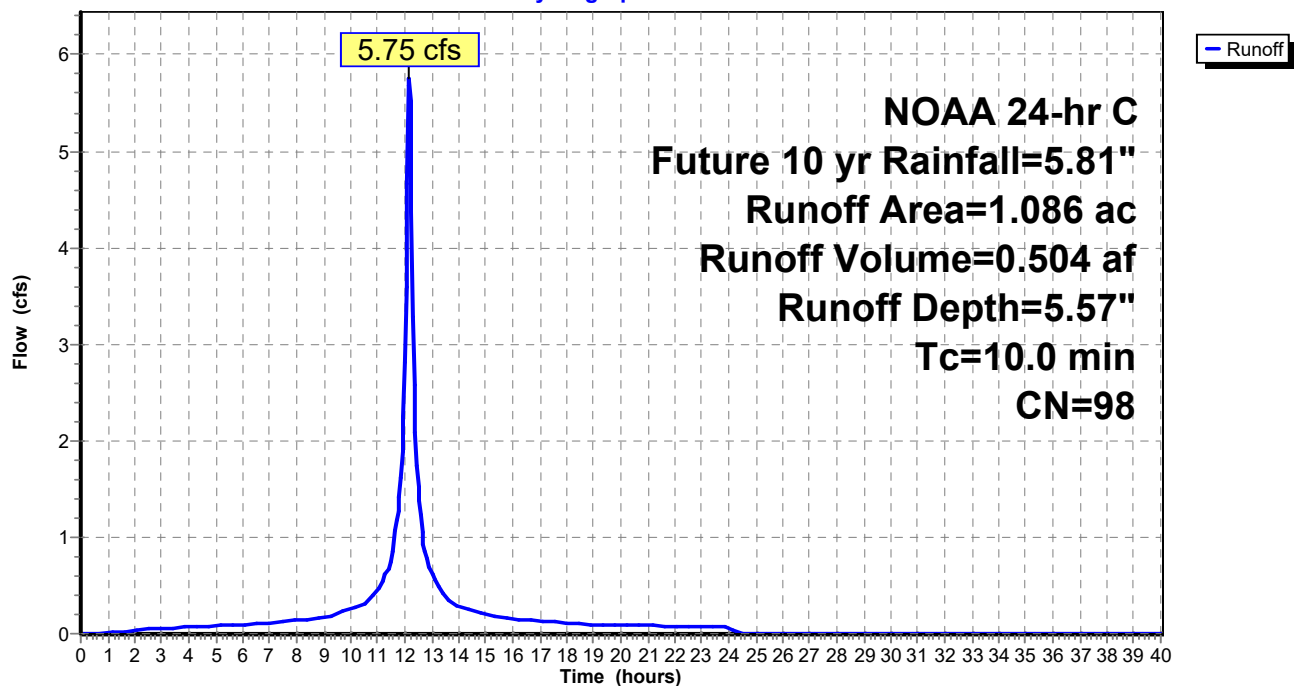
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.404	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.039	98	Concrete, HSG C
1.086	98	Weighted Average
1.086		100.00% Impervious Area

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

Subcatchment 12I: PDA-12 (impervious)

Hydrograph



Hydrograph for Subcatchment 12I: PDA-12 (impervious)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.08	7.80	0.67	0.47	0.14
5.25	0.39	0.22	0.08	7.85	0.68	0.48	0.14
5.30	0.40	0.23	0.08	7.90	0.68	0.49	0.14
5.35	0.40	0.23	0.08	7.95	0.69	0.49	0.14
5.40	0.41	0.23	0.08	8.00	0.70	0.50	0.14
5.45	0.41	0.24	0.09	8.05	0.70	0.51	0.14
5.50	0.41	0.24	0.09	8.10	0.71	0.51	0.14
5.55	0.42	0.25	0.09	8.15	0.72	0.52	0.15
5.60	0.42	0.25	0.09	8.20	0.72	0.53	0.15
5.65	0.43	0.25	0.09	8.25	0.73	0.53	0.15
5.70	0.43	0.26	0.09	8.30	0.74	0.54	0.15
5.75	0.44	0.26	0.09	8.35	0.75	0.55	0.15
5.80	0.44	0.27	0.09	8.40	0.75	0.55	0.15
5.85	0.45	0.27	0.09	8.45	0.76	0.56	0.15
5.90	0.45	0.27	0.09	8.50	0.77	0.57	0.15
5.95	0.46	0.28	0.09	8.55	0.78	0.58	0.16
6.00	0.46	0.28	0.09	8.60	0.78	0.58	0.16
6.05	0.47	0.29	0.09	8.65	0.79	0.59	0.16
6.10	0.47	0.29	0.09	8.70	0.80	0.60	0.16
6.15	0.47	0.30	0.09	8.75	0.81	0.61	0.16
6.20	0.48	0.30	0.09	8.80	0.82	0.61	0.16
6.25	0.48	0.30	0.10	8.85	0.82	0.62	0.16
6.30	0.49	0.31	0.10	8.90	0.83	0.63	0.17
6.35	0.50	0.31	0.10	8.95	0.84	0.64	0.17
6.40	0.50	0.32	0.10	9.00	0.85	0.64	0.17
6.45	0.51	0.32	0.10	9.05	0.86	0.65	0.17
6.50	0.51	0.33	0.10	9.10	0.87	0.66	0.17
6.55	0.52	0.33	0.10	9.15	0.87	0.67	0.18
6.60	0.52	0.34	0.10	9.20	0.88	0.68	0.18
6.65	0.53	0.34	0.11	9.25	0.89	0.69	0.18
6.70	0.53	0.35	0.11	9.30	0.90	0.70	0.19
6.75	0.54	0.35	0.11	9.35	0.91	0.71	0.19
6.80	0.54	0.36	0.11	9.40	0.92	0.72	0.20
6.85	0.55	0.36	0.11	9.45	0.93	0.73	0.20
6.90	0.56	0.37	0.11	9.50	0.94	0.74	0.21
6.95	0.56	0.37	0.11	9.55	0.95	0.75	0.21
7.00	0.57	0.38	0.11	9.60	0.96	0.76	0.22
7.05	0.57	0.38	0.12	9.65	0.98	0.77	0.22
7.10	0.58	0.39	0.12	9.70	0.99	0.78	0.23
7.15	0.58	0.40	0.12	9.75	1.00	0.79	0.23
7.20	0.59	0.40	0.12	9.80	1.01	0.80	0.24
7.25	0.60	0.41	0.12	9.85	1.02	0.81	0.24
7.30	0.60	0.41	0.12	9.90	1.03	0.82	0.25
7.35	0.61	0.42	0.12	9.95	1.05	0.84	0.25
7.40	0.62	0.42	0.13	10.00	1.06	0.85	0.26
7.45	0.62	0.43	0.13	10.05	1.07	0.86	0.26
7.50	0.63	0.44	0.13	10.10	1.09	0.87	0.27
7.55	0.64	0.44	0.13	10.15	1.10	0.89	0.27
7.60	0.64	0.45	0.13	10.20	1.11	0.90	0.28
7.65	0.65	0.45	0.13	10.25	1.13	0.91	0.28
7.70	0.65	0.46	0.13	10.30	1.14	0.93	0.28
7.75	0.66	0.47	0.13	10.35	1.15	0.94	0.29

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.29	13.00	4.42	4.18	0.64
10.45	1.18	0.97	0.30	13.05	4.44	4.20	0.61
10.50	1.20	0.98	0.30	13.10	4.46	4.23	0.57
10.55	1.21	1.00	0.31	13.15	4.48	4.25	0.54
10.60	1.23	1.02	0.32	13.20	4.50	4.27	0.51
10.65	1.25	1.03	0.33	13.25	4.52	4.29	0.49
10.70	1.27	1.05	0.35	13.30	4.54	4.31	0.47
10.75	1.29	1.07	0.37	13.35	4.56	4.33	0.45
10.80	1.31	1.09	0.39	13.40	4.58	4.34	0.43
10.85	1.33	1.11	0.40	13.45	4.60	4.36	0.41
10.90	1.35	1.13	0.42	13.50	4.61	4.38	0.40
10.95	1.37	1.15	0.44	13.55	4.63	4.39	0.38
11.00	1.39	1.18	0.46	13.60	4.64	4.41	0.36
11.05	1.42	1.20	0.48	13.65	4.66	4.42	0.34
11.10	1.45	1.23	0.50	13.70	4.67	4.43	0.33
11.15	1.48	1.26	0.53	13.75	4.68	4.45	0.32
11.20	1.51	1.29	0.56	13.80	4.70	4.46	0.31
11.25	1.54	1.32	0.59	13.85	4.71	4.48	0.31
11.30	1.57	1.35	0.63	13.90	4.72	4.49	0.30
11.35	1.61	1.38	0.66	13.95	4.74	4.50	0.30
11.40	1.64	1.42	0.70	14.00	4.75	4.51	0.29
11.45	1.68	1.46	0.73	14.05	4.76	4.53	0.29
11.50	1.72	1.49	0.76	14.10	4.78	4.54	0.28
11.55	1.78	1.55	0.80	14.15	4.79	4.55	0.28
11.60	1.83	1.61	0.91	14.20	4.80	4.56	0.27
11.65	1.90	1.67	1.06	14.25	4.81	4.57	0.27
11.70	1.96	1.73	1.19	14.30	4.82	4.59	0.26
11.75	2.04	1.82	1.28	14.35	4.83	4.60	0.26
11.80	2.13	1.90	1.42	14.40	4.85	4.61	0.25
11.85	2.25	2.02	1.62	14.45	4.86	4.62	0.25
11.90	2.36	2.13	1.89	14.50	4.87	4.63	0.25
11.95	2.57	2.34	2.25	14.55	4.88	4.64	0.24
12.00	2.77	2.54	2.82	14.60	4.89	4.65	0.24
12.05	3.11	2.88	3.59	14.65	4.90	4.66	0.23
12.10	3.45	3.21	4.66	14.70	4.91	4.67	0.23
12.15	3.56	3.33	5.68	14.75	4.92	4.68	0.22
12.20	3.68	3.45	5.52	14.80	4.93	4.69	0.22
12.25	3.77	3.53	4.37	14.85	4.94	4.70	0.21
12.30	3.85	3.62	3.29	14.90	4.94	4.71	0.21
12.35	3.91	3.68	2.58	14.95	4.95	4.72	0.20
12.40	3.98	3.74	2.09	15.00	4.96	4.72	0.20
12.45	4.03	3.80	1.75	15.05	4.97	4.73	0.19
12.50	4.09	3.86	1.53	15.10	4.98	4.74	0.19
12.55	4.13	3.90	1.39	15.15	4.99	4.75	0.18
12.60	4.17	3.93	1.23	15.20	4.99	4.76	0.18
12.65	4.20	3.97	1.05	15.25	5.00	4.76	0.18
12.70	4.24	4.00	0.93	15.30	5.01	4.77	0.18
12.75	4.27	4.04	0.85	15.35	5.02	4.78	0.17
12.80	4.30	4.07	0.80	15.40	5.03	4.79	0.17
12.85	4.33	4.10	0.75	15.45	5.03	4.80	0.17
12.90	4.36	4.13	0.71	15.50	5.04	4.80	0.17
12.95	4.39	4.15	0.68	15.55	5.05	4.81	0.17

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.17	18.20	5.37	5.13	0.10
15.65	5.06	4.83	0.17	18.25	5.37	5.14	0.10
15.70	5.07	4.83	0.17	18.30	5.38	5.14	0.10
15.75	5.08	4.84	0.16	18.35	5.38	5.14	0.10
15.80	5.09	4.85	0.16	18.40	5.39	5.15	0.10
15.85	5.09	4.86	0.16	18.45	5.39	5.15	0.10
15.90	5.10	4.86	0.16	18.50	5.40	5.16	0.10
15.95	5.11	4.87	0.16	18.55	5.40	5.16	0.10
16.00	5.11	4.88	0.16	18.60	5.40	5.17	0.10
16.05	5.12	4.88	0.16	18.65	5.41	5.17	0.10
16.10	5.13	4.89	0.16	18.70	5.41	5.18	0.10
16.15	5.13	4.90	0.15	18.75	5.42	5.18	0.10
16.20	5.14	4.90	0.15	18.80	5.42	5.19	0.10
16.25	5.15	4.91	0.15	18.85	5.43	5.19	0.10
16.30	5.16	4.92	0.15	18.90	5.43	5.19	0.10
16.35	5.16	4.92	0.15	18.95	5.44	5.20	0.10
16.40	5.17	4.93	0.15	19.00	5.44	5.20	0.10
16.45	5.17	4.94	0.15	19.05	5.44	5.21	0.10
16.50	5.18	4.94	0.15	19.10	5.45	5.21	0.10
16.55	5.19	4.95	0.14	19.15	5.45	5.22	0.10
16.60	5.19	4.96	0.14	19.20	5.46	5.22	0.10
16.65	5.20	4.96	0.14	19.25	5.46	5.22	0.10
16.70	5.21	4.97	0.14	19.30	5.47	5.23	0.10
16.75	5.21	4.98	0.14	19.35	5.47	5.23	0.10
16.80	5.22	4.98	0.14	19.40	5.48	5.24	0.09
16.85	5.23	4.99	0.14	19.45	5.48	5.24	0.09
16.90	5.23	4.99	0.14	19.50	5.48	5.25	0.09
16.95	5.24	5.00	0.13	19.55	5.49	5.25	0.09
17.00	5.24	5.01	0.13	19.60	5.49	5.25	0.09
17.05	5.25	5.01	0.13	19.65	5.50	5.26	0.09
17.10	5.25	5.02	0.13	19.70	5.50	5.26	0.09
17.15	5.26	5.02	0.13	19.75	5.50	5.27	0.09
17.20	5.27	5.03	0.13	19.80	5.51	5.27	0.09
17.25	5.27	5.03	0.13	19.85	5.51	5.28	0.09
17.30	5.28	5.04	0.13	19.90	5.52	5.28	0.09
17.35	5.28	5.05	0.12	19.95	5.52	5.28	0.09
17.40	5.29	5.05	0.12	20.00	5.53	5.29	0.09
17.45	5.29	5.06	0.12	20.05	5.53	5.29	0.09
17.50	5.30	5.06	0.12	20.10	5.53	5.30	0.09
17.55	5.30	5.07	0.12	20.15	5.54	5.30	0.09
17.60	5.31	5.07	0.12	20.20	5.54	5.30	0.09
17.65	5.31	5.08	0.12	20.25	5.55	5.31	0.09
17.70	5.32	5.08	0.12	20.30	5.55	5.31	0.09
17.75	5.33	5.09	0.11	20.35	5.55	5.32	0.09
17.80	5.33	5.09	0.11	20.40	5.56	5.32	0.09
17.85	5.34	5.10	0.11	20.45	5.56	5.32	0.09
17.90	5.34	5.10	0.11	20.50	5.57	5.33	0.09
17.95	5.34	5.11	0.11	20.55	5.57	5.33	0.09
18.00	5.35	5.11	0.11	20.60	5.57	5.34	0.09
18.05	5.35	5.12	0.11	20.65	5.58	5.34	0.09
18.10	5.36	5.12	0.10	20.70	5.58	5.34	0.09
18.15	5.36	5.13	0.10	20.75	5.59	5.35	0.09

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.09	23.40	5.77	5.53	0.07
20.85	5.59	5.36	0.09	23.45	5.78	5.54	0.07
20.90	5.60	5.36	0.09	23.50	5.78	5.54	0.07
20.95	5.60	5.36	0.08	23.55	5.78	5.54	0.07
21.00	5.61	5.37	0.08	23.60	5.78	5.55	0.07
21.05	5.61	5.37	0.08	23.65	5.79	5.55	0.07
21.10	5.61	5.37	0.08	23.70	5.79	5.55	0.07
21.15	5.62	5.38	0.08	23.75	5.79	5.56	0.07
21.20	5.62	5.38	0.08	23.80	5.80	5.56	0.07
21.25	5.62	5.39	0.08	23.85	5.80	5.56	0.07
21.30	5.63	5.39	0.08	23.90	5.80	5.56	0.07
21.35	5.63	5.39	0.08	23.95	5.81	5.57	0.07
21.40	5.64	5.40	0.08	24.00	5.81	5.57	0.07
21.45	5.64	5.40	0.08	24.05	5.81	5.57	0.07
21.50	5.64	5.40	0.08	24.10	5.81	5.57	0.06
21.55	5.65	5.41	0.08	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.08	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.08	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.08	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.08	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.08	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.08	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.08	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.08	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.08	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.08	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.08	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.08	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.08	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.08	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.08	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.08	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.08	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.08	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.08	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.07	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.07	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.07	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.07	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.07	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.07	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.07	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.07	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.07	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.07	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.07	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.07	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.07	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.07	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.07	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.07	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.07	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

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

Summary for Subcatchment 12P: PDA-12 (pervious)

Runoff = 4.48 cfs @ 12.18 hrs, Volume= 0.338 af, Depth= 3.03"
 Routed to Pond B-12 : Basin #12

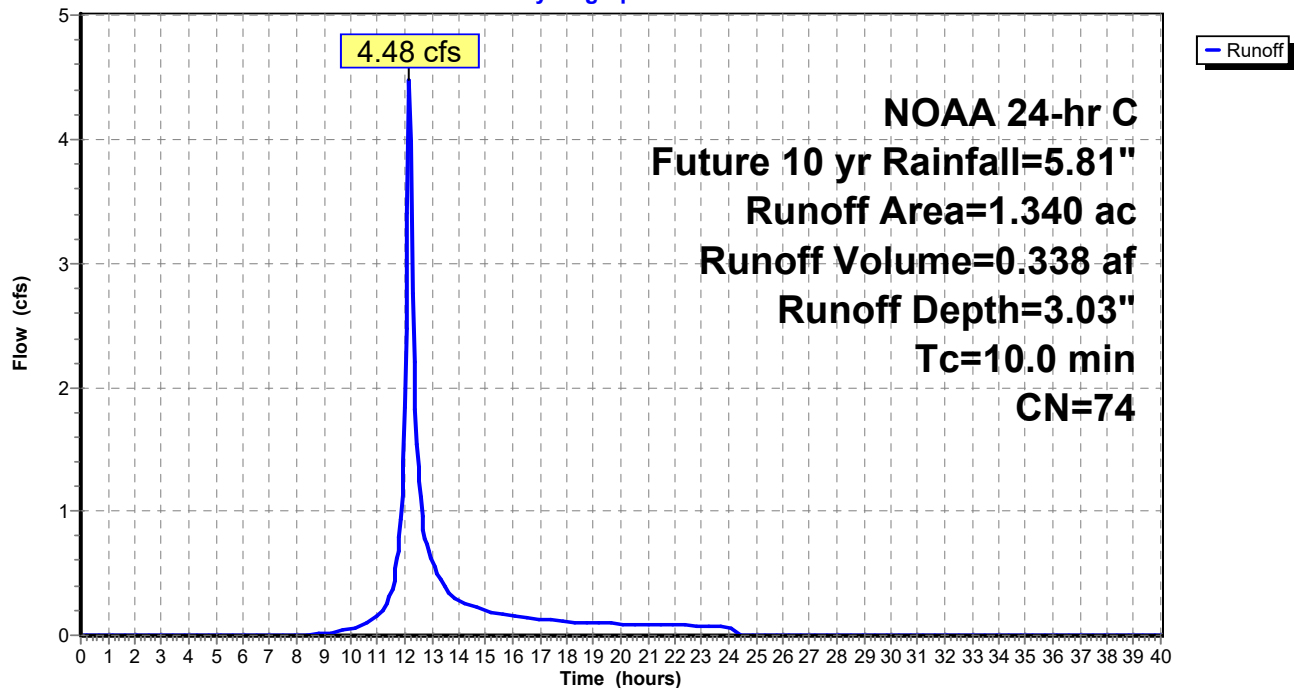
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.340	74	>75% Grass cover, Good, HSG C
1.340		100.00% Pervious Area

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

Subcatchment 12P: PDA-12 (pervious)

Hydrograph



Hydrograph for Subcatchment 12P: PDA-12 (pervious)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.05
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.06
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.06
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.07
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.07

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.60
10.45	1.18	0.06	0.08	13.05	4.44	1.93	0.57
10.50	1.20	0.06	0.08	13.10	4.46	1.94	0.54
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.51
10.60	1.23	0.07	0.09	13.20	4.50	1.98	0.49
10.65	1.25	0.07	0.10	13.25	4.52	1.99	0.47
10.70	1.27	0.08	0.11	13.30	4.54	2.01	0.45
10.75	1.29	0.08	0.11	13.35	4.56	2.02	0.43
10.80	1.31	0.09	0.12	13.40	4.58	2.03	0.41
10.85	1.33	0.09	0.13	13.45	4.60	2.05	0.39
10.90	1.35	0.10	0.14	13.50	4.61	2.06	0.38
10.95	1.37	0.11	0.15	13.55	4.63	2.07	0.36
11.00	1.39	0.11	0.16	13.60	4.64	2.08	0.34
11.05	1.42	0.12	0.17	13.65	4.66	2.09	0.33
11.10	1.45	0.13	0.19	13.70	4.67	2.10	0.32
11.15	1.48	0.14	0.20	13.75	4.68	2.12	0.31
11.20	1.51	0.15	0.22	13.80	4.70	2.13	0.30
11.25	1.54	0.16	0.24	13.85	4.71	2.14	0.30
11.30	1.57	0.17	0.26	13.90	4.72	2.15	0.29
11.35	1.61	0.18	0.28	13.95	4.74	2.16	0.29
11.40	1.64	0.20	0.30	14.00	4.75	2.17	0.28
11.45	1.68	0.21	0.33	14.05	4.76	2.18	0.28
11.50	1.72	0.23	0.35	14.10	4.78	2.19	0.27
11.55	1.78	0.25	0.38	14.15	4.79	2.20	0.27
11.60	1.83	0.28	0.44	14.20	4.80	2.21	0.27
11.65	1.90	0.30	0.53	14.25	4.81	2.21	0.26
11.70	1.96	0.33	0.62	14.30	4.82	2.22	0.26
11.75	2.04	0.37	0.69	14.35	4.83	2.23	0.25
11.80	2.13	0.41	0.79	14.40	4.85	2.24	0.25
11.85	2.25	0.47	0.93	14.45	4.86	2.25	0.24
11.90	2.36	0.53	1.13	14.50	4.87	2.26	0.24
11.95	2.57	0.65	1.40	14.55	4.88	2.27	0.23
12.00	2.77	0.77	1.84	14.60	4.89	2.27	0.23
12.05	3.11	0.98	2.47	14.65	4.90	2.28	0.23
12.10	3.45	1.20	3.40	14.70	4.91	2.29	0.22
12.15	3.56	1.28	4.36	14.75	4.92	2.30	0.22
12.20	3.68	1.37	4.39	14.80	4.93	2.31	0.21
12.25	3.77	1.43	3.57	14.85	4.94	2.31	0.21
12.30	3.85	1.49	2.76	14.90	4.94	2.32	0.20
12.35	3.91	1.53	2.21	14.95	4.95	2.33	0.20
12.40	3.98	1.58	1.82	15.00	4.96	2.33	0.19
12.45	4.03	1.62	1.54	15.05	4.97	2.34	0.19
12.50	4.09	1.67	1.36	15.10	4.98	2.35	0.18
12.55	4.13	1.69	1.25	15.15	4.99	2.35	0.18
12.60	4.17	1.72	1.12	15.20	4.99	2.36	0.18
12.65	4.20	1.75	0.96	15.25	5.00	2.37	0.18
12.70	4.24	1.77	0.85	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.78	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.74	15.40	5.03	2.38	0.17
12.85	4.33	1.85	0.70	15.45	5.03	2.39	0.17
12.90	4.36	1.87	0.67	15.50	5.04	2.40	0.17
12.95	4.39	1.89	0.63	15.55	5.05	2.40	0.17

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.17	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.16	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.16	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.16	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.16	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.16	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.16	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.15	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.15	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.15	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.15	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.15	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.14	19.35	5.47	2.75	0.10
16.80	5.22	2.54	0.14	19.40	5.48	2.75	0.10
16.85	5.23	2.55	0.14	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.09
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.09
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.09
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.13	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.13	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.13	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.13	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.12	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.12	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.12	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.12	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.11	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.11	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.11	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.11	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.08	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.08	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.08	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.08	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.07
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.07
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.06
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

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

Summary for Subcatchment 13I: PDA-13 (impervious)

Runoff = 7.77 cfs @ 12.17 hrs, Volume= 0.681 af, Depth= 5.57"
 Routed to Pond B-13 : Basin #13

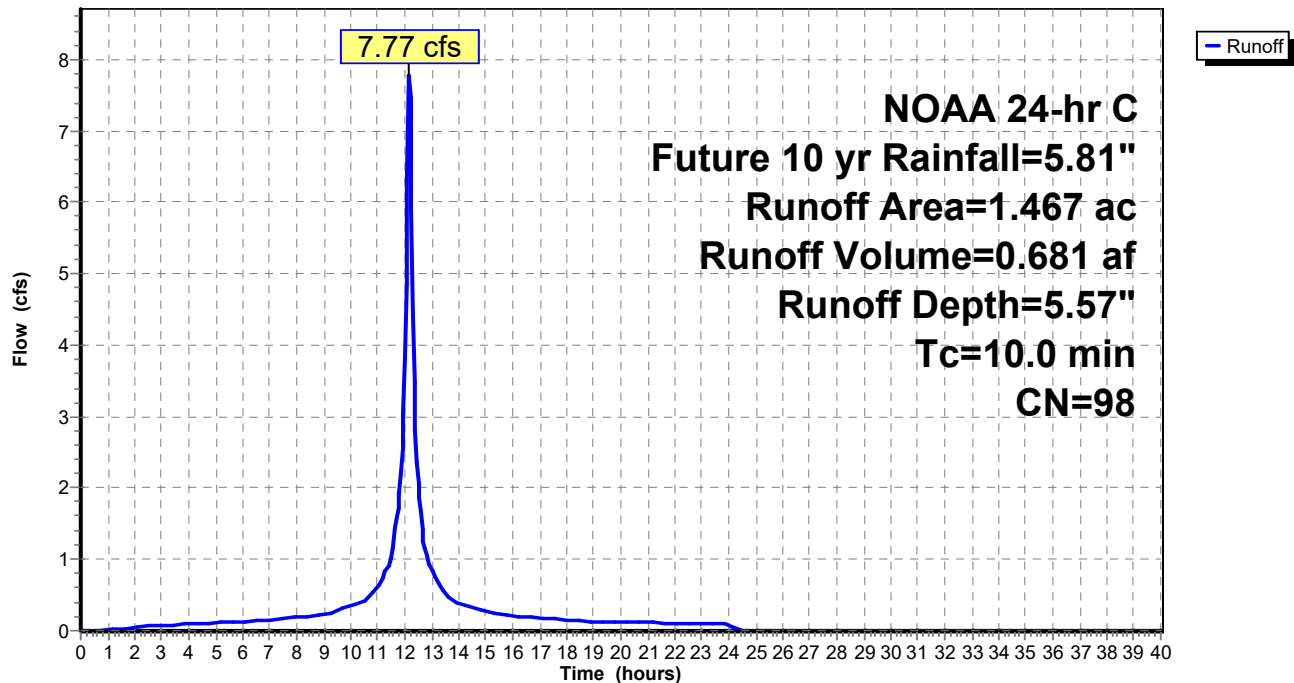
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.678	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.082	98	Concrete, HSG C
1.467	98	Weighted Average
1.467		100.00% Impervious Area

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

Subcatchment 13I: PDA-13 (impervious)

Hydrograph



Hydrograph for Subcatchment 13I: PDA-13 (impervious)

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

Hydrograph for Subcatchment 13l: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.11	7.80	0.67	0.47	0.18
5.25	0.39	0.22	0.11	7.85	0.68	0.48	0.19
5.30	0.40	0.23	0.11	7.90	0.68	0.49	0.19
5.35	0.40	0.23	0.11	7.95	0.69	0.49	0.19
5.40	0.41	0.23	0.11	8.00	0.70	0.50	0.19
5.45	0.41	0.24	0.12	8.05	0.70	0.51	0.19
5.50	0.41	0.24	0.12	8.10	0.71	0.51	0.19
5.55	0.42	0.25	0.12	8.15	0.72	0.52	0.20
5.60	0.42	0.25	0.12	8.20	0.72	0.53	0.20
5.65	0.43	0.25	0.12	8.25	0.73	0.53	0.20
5.70	0.43	0.26	0.12	8.30	0.74	0.54	0.20
5.75	0.44	0.26	0.12	8.35	0.75	0.55	0.20
5.80	0.44	0.27	0.12	8.40	0.75	0.55	0.21
5.85	0.45	0.27	0.12	8.45	0.76	0.56	0.21
5.90	0.45	0.27	0.12	8.50	0.77	0.57	0.21
5.95	0.46	0.28	0.12	8.55	0.78	0.58	0.21
6.00	0.46	0.28	0.12	8.60	0.78	0.58	0.21
6.05	0.47	0.29	0.12	8.65	0.79	0.59	0.21
6.10	0.47	0.29	0.12	8.70	0.80	0.60	0.22
6.15	0.47	0.30	0.13	8.75	0.81	0.61	0.22
6.20	0.48	0.30	0.13	8.80	0.82	0.61	0.22
6.25	0.48	0.30	0.13	8.85	0.82	0.62	0.22
6.30	0.49	0.31	0.13	8.90	0.83	0.63	0.22
6.35	0.50	0.31	0.13	8.95	0.84	0.64	0.23
6.40	0.50	0.32	0.13	9.00	0.85	0.64	0.23
6.45	0.51	0.32	0.14	9.05	0.86	0.65	0.23
6.50	0.51	0.33	0.14	9.10	0.87	0.66	0.23
6.55	0.52	0.33	0.14	9.15	0.87	0.67	0.24
6.60	0.52	0.34	0.14	9.20	0.88	0.68	0.24
6.65	0.53	0.34	0.14	9.25	0.89	0.69	0.25
6.70	0.53	0.35	0.14	9.30	0.90	0.70	0.26
6.75	0.54	0.35	0.15	9.35	0.91	0.71	0.26
6.80	0.54	0.36	0.15	9.40	0.92	0.72	0.27
6.85	0.55	0.36	0.15	9.45	0.93	0.73	0.27
6.90	0.56	0.37	0.15	9.50	0.94	0.74	0.28
6.95	0.56	0.37	0.15	9.55	0.95	0.75	0.29
7.00	0.57	0.38	0.16	9.60	0.96	0.76	0.29
7.05	0.57	0.38	0.16	9.65	0.98	0.77	0.30
7.10	0.58	0.39	0.16	9.70	0.99	0.78	0.31
7.15	0.58	0.40	0.16	9.75	1.00	0.79	0.31
7.20	0.59	0.40	0.16	9.80	1.01	0.80	0.32
7.25	0.60	0.41	0.16	9.85	1.02	0.81	0.33
7.30	0.60	0.41	0.17	9.90	1.03	0.82	0.33
7.35	0.61	0.42	0.17	9.95	1.05	0.84	0.34
7.40	0.62	0.42	0.17	10.00	1.06	0.85	0.35
7.45	0.62	0.43	0.17	10.05	1.07	0.86	0.35
7.50	0.63	0.44	0.17	10.10	1.09	0.87	0.36
7.55	0.64	0.44	0.18	10.15	1.10	0.89	0.37
7.60	0.64	0.45	0.18	10.20	1.11	0.90	0.37
7.65	0.65	0.45	0.18	10.25	1.13	0.91	0.38
7.70	0.65	0.46	0.18	10.30	1.14	0.93	0.38
7.75	0.66	0.47	0.18	10.35	1.15	0.94	0.39

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.40	13.00	4.42	4.18	0.87
10.45	1.18	0.97	0.40	13.05	4.44	4.20	0.82
10.50	1.20	0.98	0.41	13.10	4.46	4.23	0.78
10.55	1.21	1.00	0.42	13.15	4.48	4.25	0.73
10.60	1.23	1.02	0.43	13.20	4.50	4.27	0.69
10.65	1.25	1.03	0.45	13.25	4.52	4.29	0.66
10.70	1.27	1.05	0.47	13.30	4.54	4.31	0.64
10.75	1.29	1.07	0.50	13.35	4.56	4.33	0.61
10.80	1.31	1.09	0.52	13.40	4.58	4.34	0.58
10.85	1.33	1.11	0.54	13.45	4.60	4.36	0.56
10.90	1.35	1.13	0.57	13.50	4.61	4.38	0.53
10.95	1.37	1.15	0.59	13.55	4.63	4.39	0.51
11.00	1.39	1.18	0.62	13.60	4.64	4.41	0.48
11.05	1.42	1.20	0.64	13.65	4.66	4.42	0.46
11.10	1.45	1.23	0.68	13.70	4.67	4.43	0.44
11.15	1.48	1.26	0.72	13.75	4.68	4.45	0.43
11.20	1.51	1.29	0.76	13.80	4.70	4.46	0.42
11.25	1.54	1.32	0.80	13.85	4.71	4.48	0.42
11.30	1.57	1.35	0.85	13.90	4.72	4.49	0.41
11.35	1.61	1.38	0.89	13.95	4.74	4.50	0.40
11.40	1.64	1.42	0.94	14.00	4.75	4.51	0.40
11.45	1.68	1.46	0.99	14.05	4.76	4.53	0.39
11.50	1.72	1.49	1.03	14.10	4.78	4.54	0.38
11.55	1.78	1.55	1.09	14.15	4.79	4.55	0.38
11.60	1.83	1.61	1.23	14.20	4.80	4.56	0.37
11.65	1.90	1.67	1.44	14.25	4.81	4.57	0.36
11.70	1.96	1.73	1.60	14.30	4.82	4.59	0.36
11.75	2.04	1.82	1.73	14.35	4.83	4.60	0.35
11.80	2.13	1.90	1.92	14.40	4.85	4.61	0.34
11.85	2.25	2.02	2.19	14.45	4.86	4.62	0.34
11.90	2.36	2.13	2.55	14.50	4.87	4.63	0.33
11.95	2.57	2.34	3.04	14.55	4.88	4.64	0.32
12.00	2.77	2.54	3.80	14.60	4.89	4.65	0.32
12.05	3.11	2.88	4.85	14.65	4.90	4.66	0.31
12.10	3.45	3.21	6.30	14.70	4.91	4.67	0.31
12.15	3.56	3.33	7.67	14.75	4.92	4.68	0.30
12.20	3.68	3.45	7.45	14.80	4.93	4.69	0.29
12.25	3.77	3.53	5.90	14.85	4.94	4.70	0.29
12.30	3.85	3.62	4.45	14.90	4.94	4.71	0.28
12.35	3.91	3.68	3.49	14.95	4.95	4.72	0.27
12.40	3.98	3.74	2.83	15.00	4.96	4.72	0.27
12.45	4.03	3.80	2.36	15.05	4.97	4.73	0.26
12.50	4.09	3.86	2.06	15.10	4.98	4.74	0.25
12.55	4.13	3.90	1.87	15.15	4.99	4.75	0.25
12.60	4.17	3.93	1.66	15.20	4.99	4.76	0.24
12.65	4.20	3.97	1.42	15.25	5.00	4.76	0.24
12.70	4.24	4.00	1.25	15.30	5.01	4.77	0.24
12.75	4.27	4.04	1.15	15.35	5.02	4.78	0.24
12.80	4.30	4.07	1.07	15.40	5.03	4.79	0.23
12.85	4.33	4.10	1.02	15.45	5.03	4.80	0.23
12.90	4.36	4.13	0.97	15.50	5.04	4.80	0.23
12.95	4.39	4.15	0.92	15.55	5.05	4.81	0.23

Hydrograph for Subcatchment 13l: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.23	18.20	5.37	5.13	0.14
15.65	5.06	4.83	0.23	18.25	5.37	5.14	0.14
15.70	5.07	4.83	0.22	18.30	5.38	5.14	0.14
15.75	5.08	4.84	0.22	18.35	5.38	5.14	0.14
15.80	5.09	4.85	0.22	18.40	5.39	5.15	0.14
15.85	5.09	4.86	0.22	18.45	5.39	5.15	0.14
15.90	5.10	4.86	0.22	18.50	5.40	5.16	0.14
15.95	5.11	4.87	0.22	18.55	5.40	5.16	0.14
16.00	5.11	4.88	0.21	18.60	5.40	5.17	0.13
16.05	5.12	4.88	0.21	18.65	5.41	5.17	0.13
16.10	5.13	4.89	0.21	18.70	5.41	5.18	0.13
16.15	5.13	4.90	0.21	18.75	5.42	5.18	0.13
16.20	5.14	4.90	0.21	18.80	5.42	5.19	0.13
16.25	5.15	4.91	0.21	18.85	5.43	5.19	0.13
16.30	5.16	4.92	0.20	18.90	5.43	5.19	0.13
16.35	5.16	4.92	0.20	18.95	5.44	5.20	0.13
16.40	5.17	4.93	0.20	19.00	5.44	5.20	0.13
16.45	5.17	4.94	0.20	19.05	5.44	5.21	0.13
16.50	5.18	4.94	0.20	19.10	5.45	5.21	0.13
16.55	5.19	4.95	0.19	19.15	5.45	5.22	0.13
16.60	5.19	4.96	0.19	19.20	5.46	5.22	0.13
16.65	5.20	4.96	0.19	19.25	5.46	5.22	0.13
16.70	5.21	4.97	0.19	19.30	5.47	5.23	0.13
16.75	5.21	4.98	0.19	19.35	5.47	5.23	0.13
16.80	5.22	4.98	0.19	19.40	5.48	5.24	0.13
16.85	5.23	4.99	0.18	19.45	5.48	5.24	0.13
16.90	5.23	4.99	0.18	19.50	5.48	5.25	0.13
16.95	5.24	5.00	0.18	19.55	5.49	5.25	0.13
17.00	5.24	5.01	0.18	19.60	5.49	5.25	0.13
17.05	5.25	5.01	0.18	19.65	5.50	5.26	0.13
17.10	5.25	5.02	0.18	19.70	5.50	5.26	0.13
17.15	5.26	5.02	0.17	19.75	5.50	5.27	0.12
17.20	5.27	5.03	0.17	19.80	5.51	5.27	0.12
17.25	5.27	5.03	0.17	19.85	5.51	5.28	0.12
17.30	5.28	5.04	0.17	19.90	5.52	5.28	0.12
17.35	5.28	5.05	0.17	19.95	5.52	5.28	0.12
17.40	5.29	5.05	0.17	20.00	5.53	5.29	0.12
17.45	5.29	5.06	0.16	20.05	5.53	5.29	0.12
17.50	5.30	5.06	0.16	20.10	5.53	5.30	0.12
17.55	5.30	5.07	0.16	20.15	5.54	5.30	0.12
17.60	5.31	5.07	0.16	20.20	5.54	5.30	0.12
17.65	5.31	5.08	0.16	20.25	5.55	5.31	0.12
17.70	5.32	5.08	0.16	20.30	5.55	5.31	0.12
17.75	5.33	5.09	0.15	20.35	5.55	5.32	0.12
17.80	5.33	5.09	0.15	20.40	5.56	5.32	0.12
17.85	5.34	5.10	0.15	20.45	5.56	5.32	0.12
17.90	5.34	5.10	0.15	20.50	5.57	5.33	0.12
17.95	5.34	5.11	0.15	20.55	5.57	5.33	0.12
18.00	5.35	5.11	0.15	20.60	5.57	5.34	0.12
18.05	5.35	5.12	0.14	20.65	5.58	5.34	0.12
18.10	5.36	5.12	0.14	20.70	5.58	5.34	0.12
18.15	5.36	5.13	0.14	20.75	5.59	5.35	0.12

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.12	23.40	5.77	5.53	0.09
20.85	5.59	5.36	0.12	23.45	5.78	5.54	0.09
20.90	5.60	5.36	0.12	23.50	5.78	5.54	0.09
20.95	5.60	5.36	0.11	23.55	5.78	5.54	0.09
21.00	5.61	5.37	0.11	23.60	5.78	5.55	0.09
21.05	5.61	5.37	0.11	23.65	5.79	5.55	0.09
21.10	5.61	5.37	0.11	23.70	5.79	5.55	0.09
21.15	5.62	5.38	0.11	23.75	5.79	5.56	0.09
21.20	5.62	5.38	0.11	23.80	5.80	5.56	0.09
21.25	5.62	5.39	0.11	23.85	5.80	5.56	0.09
21.30	5.63	5.39	0.11	23.90	5.80	5.56	0.09
21.35	5.63	5.39	0.11	23.95	5.81	5.57	0.09
21.40	5.64	5.40	0.11	24.00	5.81	5.57	0.09
21.45	5.64	5.40	0.11	24.05	5.81	5.57	0.10
21.50	5.64	5.40	0.11	24.10	5.81	5.57	0.08
21.55	5.65	5.41	0.11	24.15	5.81	5.57	0.05
21.60	5.65	5.41	0.11	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.11	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.11	24.30	5.81	5.57	0.01
21.75	5.66	5.42	0.11	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.11	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.11	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.11	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.11	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.11	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.11	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.10	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.10	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.10	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.10	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.10	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.10	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.10	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.10	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.10	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.10	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.10	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.10	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.10	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.10	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.10	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.10	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.10	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.10	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.10	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.10	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.10	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.10	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.10	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.09	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.09	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.09	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

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

Summary for Subcatchment 13P: PDA-13 (pervious)

Runoff = 2.95 cfs @ 12.18 hrs, Volume= 0.223 af, Depth= 3.03"
 Routed to Pond B-13 : Basin #13

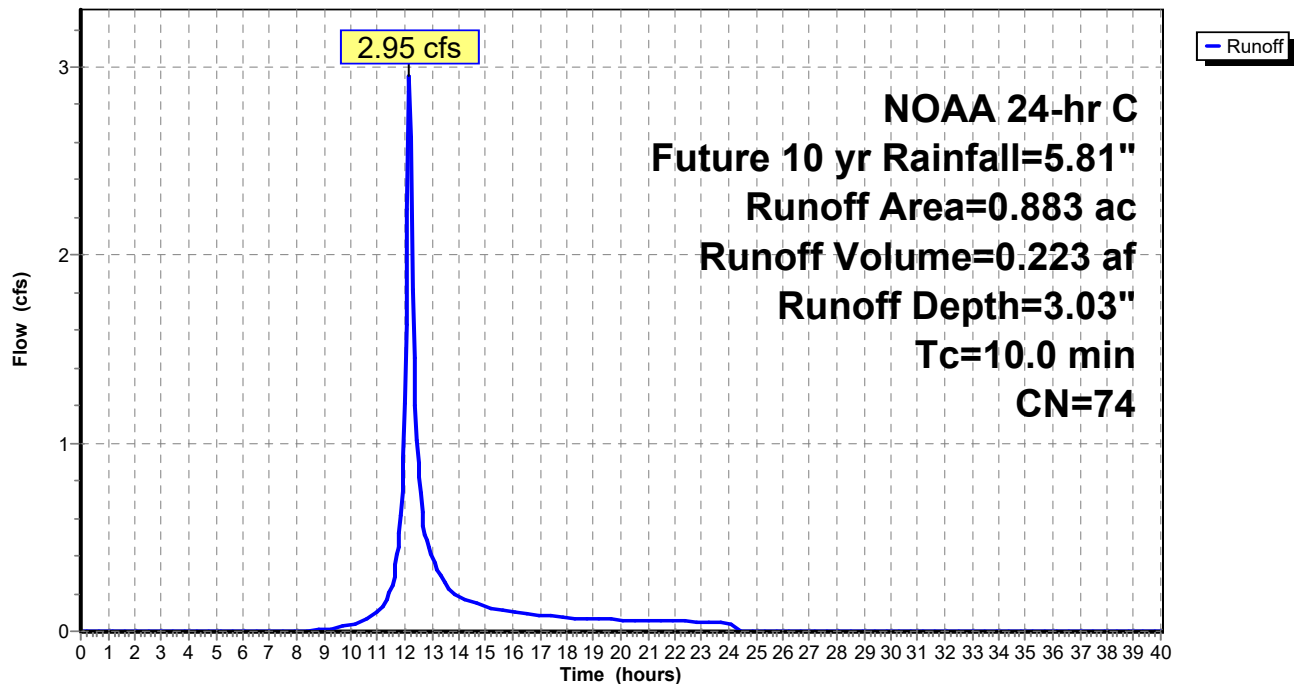
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.883	74	>75% Grass cover, Good, HSG C
0.883		100.00% Pervious Area

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

Subcatchment 13P: PDA-13 (pervious)

Hydrograph



Hydrograph for Subcatchment 13P: PDA-13 (pervious)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.40
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.38
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.36
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.34
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.32
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.31
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.29
10.75	1.29	0.08	0.07	13.35	4.56	2.02	0.28
10.80	1.31	0.09	0.08	13.40	4.58	2.03	0.27
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.26
10.90	1.35	0.10	0.09	13.50	4.61	2.06	0.25
10.95	1.37	0.11	0.10	13.55	4.63	2.07	0.24
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.23
11.05	1.42	0.12	0.11	13.65	4.66	2.09	0.22
11.10	1.45	0.13	0.12	13.70	4.67	2.10	0.21
11.15	1.48	0.14	0.13	13.75	4.68	2.12	0.20
11.20	1.51	0.15	0.14	13.80	4.70	2.13	0.20
11.25	1.54	0.16	0.16	13.85	4.71	2.14	0.20
11.30	1.57	0.17	0.17	13.90	4.72	2.15	0.19
11.35	1.61	0.18	0.18	13.95	4.74	2.16	0.19
11.40	1.64	0.20	0.20	14.00	4.75	2.17	0.19
11.45	1.68	0.21	0.21	14.05	4.76	2.18	0.18
11.50	1.72	0.23	0.23	14.10	4.78	2.19	0.18
11.55	1.78	0.25	0.25	14.15	4.79	2.20	0.18
11.60	1.83	0.28	0.29	14.20	4.80	2.21	0.17
11.65	1.90	0.30	0.35	14.25	4.81	2.21	0.17
11.70	1.96	0.33	0.41	14.30	4.82	2.22	0.17
11.75	2.04	0.37	0.45	14.35	4.83	2.23	0.17
11.80	2.13	0.41	0.52	14.40	4.85	2.24	0.16
11.85	2.25	0.47	0.61	14.45	4.86	2.25	0.16
11.90	2.36	0.53	0.75	14.50	4.87	2.26	0.16
11.95	2.57	0.65	0.92	14.55	4.88	2.27	0.15
12.00	2.77	0.77	1.22	14.60	4.89	2.27	0.15
12.05	3.11	0.98	1.63	14.65	4.90	2.28	0.15
12.10	3.45	1.20	2.24	14.70	4.91	2.29	0.15
12.15	3.56	1.28	2.87	14.75	4.92	2.30	0.14
12.20	3.68	1.37	2.89	14.80	4.93	2.31	0.14
12.25	3.77	1.43	2.35	14.85	4.94	2.31	0.14
12.30	3.85	1.49	1.82	14.90	4.94	2.32	0.13
12.35	3.91	1.53	1.45	14.95	4.95	2.33	0.13
12.40	3.98	1.58	1.20	15.00	4.96	2.33	0.13
12.45	4.03	1.62	1.01	15.05	4.97	2.34	0.12
12.50	4.09	1.67	0.90	15.10	4.98	2.35	0.12
12.55	4.13	1.69	0.82	15.15	4.99	2.35	0.12
12.60	4.17	1.72	0.74	15.20	4.99	2.36	0.12
12.65	4.20	1.75	0.63	15.25	5.00	2.37	0.12
12.70	4.24	1.77	0.56	15.30	5.01	2.37	0.11
12.75	4.27	1.80	0.52	15.35	5.02	2.38	0.11
12.80	4.30	1.82	0.48	15.40	5.03	2.38	0.11
12.85	4.33	1.85	0.46	15.45	5.03	2.39	0.11
12.90	4.36	1.87	0.44	15.50	5.04	2.40	0.11
12.95	4.39	1.89	0.42	15.55	5.05	2.40	0.11

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.11	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.11	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.11	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.11	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.11	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.10	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.10	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.10	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.10	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.10	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.10	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.10	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.10	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.10	18.95	5.44	2.72	0.06
16.40	5.17	2.50	0.10	19.00	5.44	2.72	0.06
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.09	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.09	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.09	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.09	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.09	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.09	19.50	5.48	2.76	0.06
16.95	5.24	2.55	0.09	19.55	5.49	2.76	0.06
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.06
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.06
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.08	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.08	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.08	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.08	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.08	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.07	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.07	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.07	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

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

Summary for Subcatchment 14I: PDA-14 (impervious)

Runoff = 2.69 cfs @ 12.17 hrs, Volume= 0.236 af, Depth= 5.57"
 Routed to Pond B-14 : Basin #14

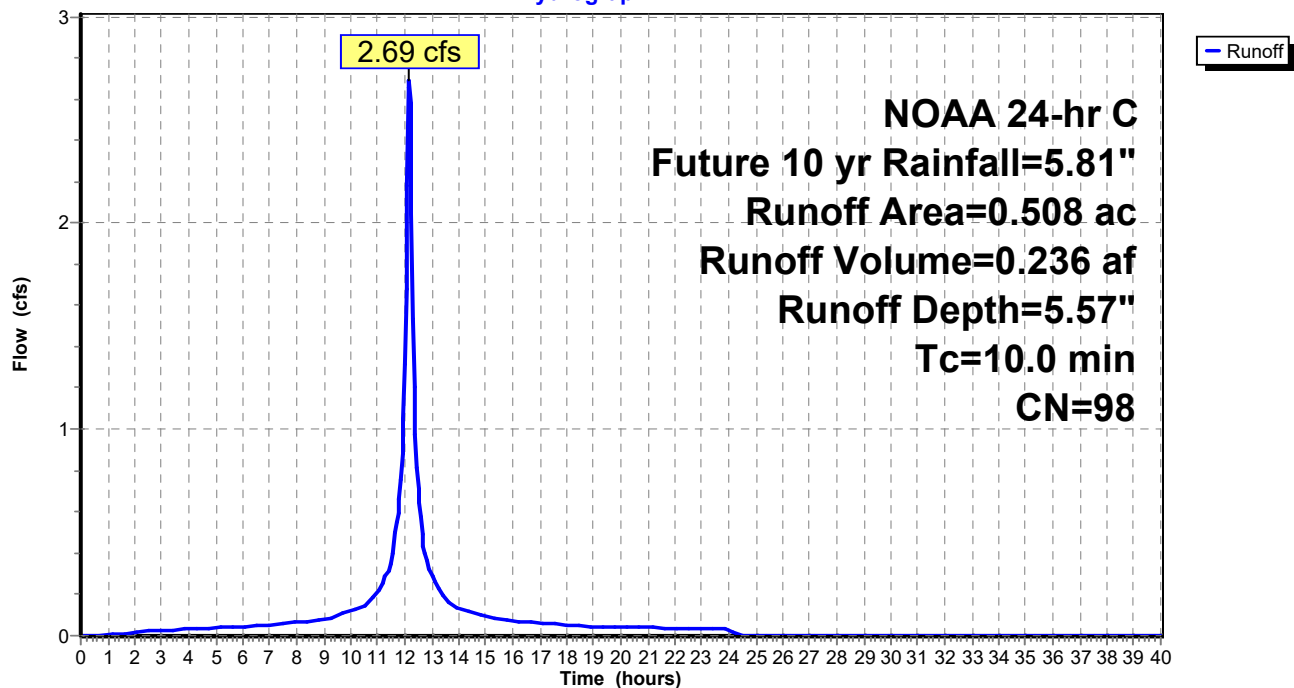
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.308	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.508	98	Weighted Average
0.508		100.00% Impervious Area

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

Subcatchment 14I: PDA-14 (impervious)

Hydrograph



Hydrograph for Subcatchment 14I: PDA-14 (impervious)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.14	13.00	4.42	4.18	0.30
10.45	1.18	0.97	0.14	13.05	4.44	4.20	0.28
10.50	1.20	0.98	0.14	13.10	4.46	4.23	0.27
10.55	1.21	1.00	0.14	13.15	4.48	4.25	0.25
10.60	1.23	1.02	0.15	13.20	4.50	4.27	0.24
10.65	1.25	1.03	0.16	13.25	4.52	4.29	0.23
10.70	1.27	1.05	0.16	13.30	4.54	4.31	0.22
10.75	1.29	1.07	0.17	13.35	4.56	4.33	0.21
10.80	1.31	1.09	0.18	13.40	4.58	4.34	0.20
10.85	1.33	1.11	0.19	13.45	4.60	4.36	0.19
10.90	1.35	1.13	0.20	13.50	4.61	4.38	0.19
10.95	1.37	1.15	0.21	13.55	4.63	4.39	0.18
11.00	1.39	1.18	0.21	13.60	4.64	4.41	0.17
11.05	1.42	1.20	0.22	13.65	4.66	4.42	0.16
11.10	1.45	1.23	0.23	13.70	4.67	4.43	0.15
11.15	1.48	1.26	0.25	13.75	4.68	4.45	0.15
11.20	1.51	1.29	0.26	13.80	4.70	4.46	0.15
11.25	1.54	1.32	0.28	13.85	4.71	4.48	0.14
11.30	1.57	1.35	0.29	13.90	4.72	4.49	0.14
11.35	1.61	1.38	0.31	13.95	4.74	4.50	0.14
11.40	1.64	1.42	0.33	14.00	4.75	4.51	0.14
11.45	1.68	1.46	0.34	14.05	4.76	4.53	0.13
11.50	1.72	1.49	0.36	14.10	4.78	4.54	0.13
11.55	1.78	1.55	0.38	14.15	4.79	4.55	0.13
11.60	1.83	1.61	0.43	14.20	4.80	4.56	0.13
11.65	1.90	1.67	0.50	14.25	4.81	4.57	0.13
11.70	1.96	1.73	0.55	14.30	4.82	4.59	0.12
11.75	2.04	1.82	0.60	14.35	4.83	4.60	0.12
11.80	2.13	1.90	0.66	14.40	4.85	4.61	0.12
11.85	2.25	2.02	0.76	14.45	4.86	4.62	0.12
11.90	2.36	2.13	0.88	14.50	4.87	4.63	0.11
11.95	2.57	2.34	1.05	14.55	4.88	4.64	0.11
12.00	2.77	2.54	1.32	14.60	4.89	4.65	0.11
12.05	3.11	2.88	1.68	14.65	4.90	4.66	0.11
12.10	3.45	3.21	2.18	14.70	4.91	4.67	0.11
12.15	3.56	3.33	2.65	14.75	4.92	4.68	0.10
12.20	3.68	3.45	2.58	14.80	4.93	4.69	0.10
12.25	3.77	3.53	2.04	14.85	4.94	4.70	0.10
12.30	3.85	3.62	1.54	14.90	4.94	4.71	0.10
12.35	3.91	3.68	1.21	14.95	4.95	4.72	0.09
12.40	3.98	3.74	0.98	15.00	4.96	4.72	0.09
12.45	4.03	3.80	0.82	15.05	4.97	4.73	0.09
12.50	4.09	3.86	0.71	15.10	4.98	4.74	0.09
12.55	4.13	3.90	0.65	15.15	4.99	4.75	0.09
12.60	4.17	3.93	0.58	15.20	4.99	4.76	0.08
12.65	4.20	3.97	0.49	15.25	5.00	4.76	0.08
12.70	4.24	4.00	0.43	15.30	5.01	4.77	0.08
12.75	4.27	4.04	0.40	15.35	5.02	4.78	0.08
12.80	4.30	4.07	0.37	15.40	5.03	4.79	0.08
12.85	4.33	4.10	0.35	15.45	5.03	4.80	0.08
12.90	4.36	4.13	0.33	15.50	5.04	4.80	0.08
12.95	4.39	4.15	0.32	15.55	5.05	4.81	0.08

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

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

Summary for Subcatchment 14P: PDA-14 (pervious)

Runoff = 5.48 cfs @ 12.18 hrs, Volume= 0.414 af, Depth= 3.03"
 Routed to Pond B-14 : Basin #14

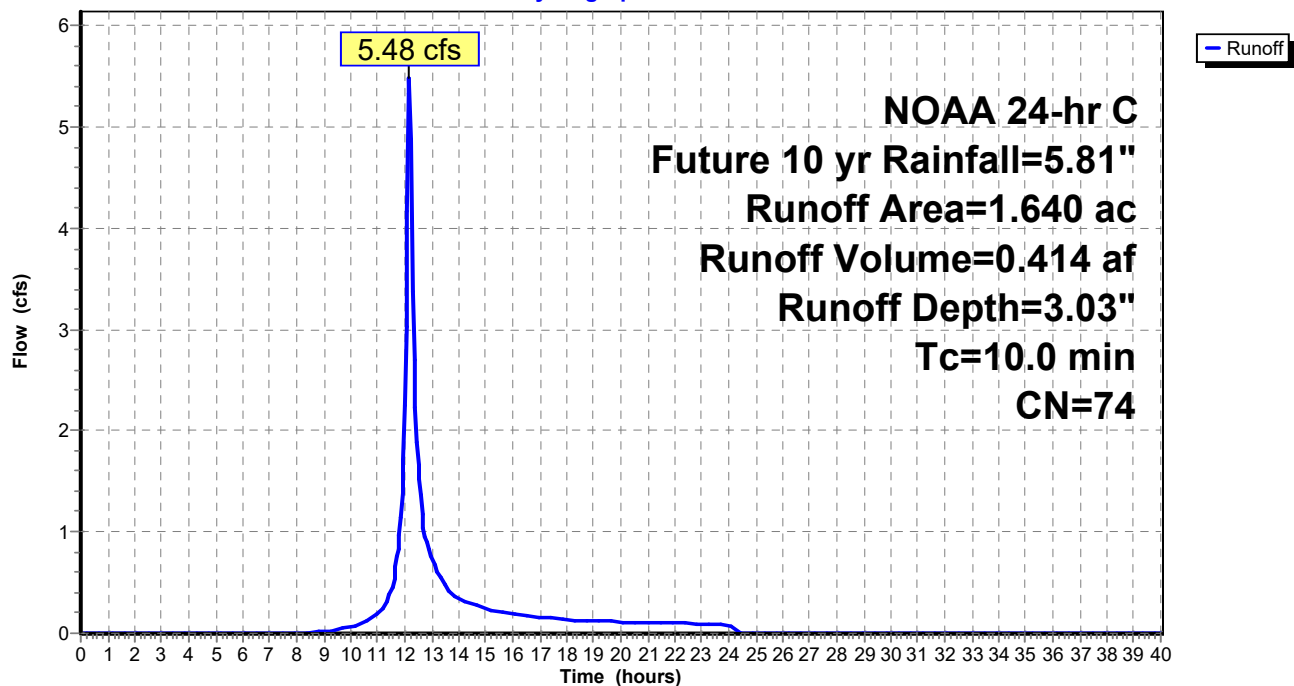
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.640	74	>75% Grass cover, Good, HSG C
1.640		100.00% Pervious Area

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

Subcatchment 14P: PDA-14 (pervious)

Hydrograph



Hydrograph for Subcatchment 14P: PDA-14 (pervious)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.03
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.74
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.70
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.66
10.55	1.21	0.06	0.11	13.15	4.48	1.96	0.63
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.59
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.57
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.55
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.52
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.50
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.48
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.46
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.44
11.00	1.39	0.11	0.20	13.60	4.64	2.08	0.42
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.40
11.10	1.45	0.13	0.23	13.70	4.67	2.10	0.39
11.15	1.48	0.14	0.25	13.75	4.68	2.12	0.38
11.20	1.51	0.15	0.27	13.80	4.70	2.13	0.37
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.32	13.90	4.72	2.15	0.36
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.35
11.40	1.64	0.20	0.37	14.00	4.75	2.17	0.35
11.45	1.68	0.21	0.40	14.05	4.76	2.18	0.34
11.50	1.72	0.23	0.43	14.10	4.78	2.19	0.34
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.33
11.60	1.83	0.28	0.54	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.65	14.25	4.81	2.21	0.32
11.70	1.96	0.33	0.75	14.30	4.82	2.22	0.31
11.75	2.04	0.37	0.84	14.35	4.83	2.23	0.31
11.80	2.13	0.41	0.96	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.14	14.45	4.86	2.25	0.30
11.90	2.36	0.53	1.39	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.72	14.55	4.88	2.27	0.29
12.00	2.77	0.77	2.26	14.60	4.89	2.27	0.28
12.05	3.11	0.98	3.03	14.65	4.90	2.28	0.28
12.10	3.45	1.20	4.16	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.33	14.75	4.92	2.30	0.26
12.20	3.68	1.37	5.37	14.80	4.93	2.31	0.26
12.25	3.77	1.43	4.37	14.85	4.94	2.31	0.25
12.30	3.85	1.49	3.37	14.90	4.94	2.32	0.25
12.35	3.91	1.53	2.70	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.23	15.00	4.96	2.33	0.24
12.45	4.03	1.62	1.88	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.67	15.10	4.98	2.35	0.23
12.55	4.13	1.69	1.53	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.37	15.20	4.99	2.36	0.22
12.65	4.20	1.75	1.18	15.25	5.00	2.37	0.21
12.70	4.24	1.77	1.04	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.96	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.90	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.86	15.45	5.03	2.39	0.21
12.90	4.36	1.87	0.81	15.50	5.04	2.40	0.21
12.95	4.39	1.89	0.78	15.55	5.05	2.40	0.20

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.13
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.13
15.80	5.09	2.43	0.20	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.20	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.19	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.19	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.19	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.18	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.17	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.12
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.12
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.12
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.16	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.15	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.14	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.11	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.11	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

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

Summary for Subcatchment 15I: PDA-15 (impervious)

Runoff = 7.36 cfs @ 12.17 hrs, Volume= 0.645 af, Depth= 5.57"
 Routed to Pond B-15 : Basin #15

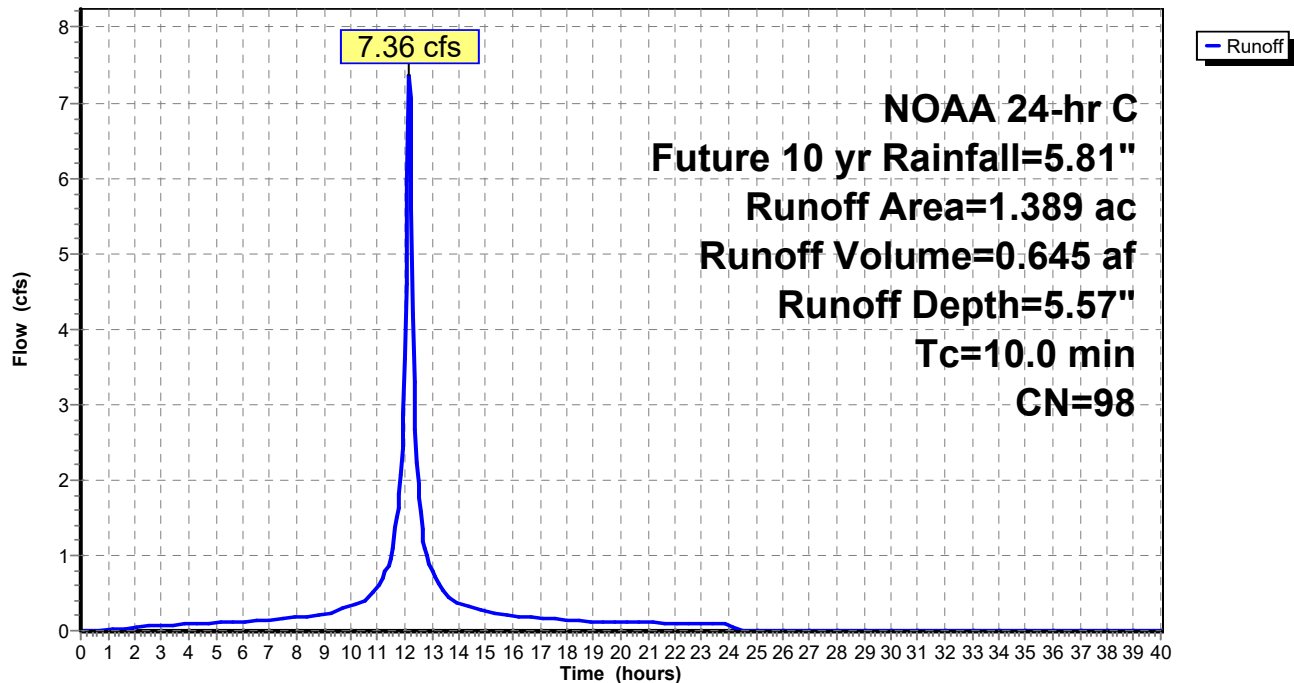
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.836	98	Roof, HSG C
* 0.052	98	Concrete, HSG C
1.389	98	Weighted Average
1.389		100.00% Impervious Area

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

Subcatchment 15I: PDA-15 (impervious)

Hydrograph



Hydrograph for Subcatchment 15I: PDA-15 (impervious)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.11	7.80	0.67	0.47	0.17
5.25	0.39	0.22	0.11	7.85	0.68	0.48	0.18
5.30	0.40	0.23	0.11	7.90	0.68	0.49	0.18
5.35	0.40	0.23	0.11	7.95	0.69	0.49	0.18
5.40	0.41	0.23	0.11	8.00	0.70	0.50	0.18
5.45	0.41	0.24	0.11	8.05	0.70	0.51	0.18
5.50	0.41	0.24	0.11	8.10	0.71	0.51	0.18
5.55	0.42	0.25	0.11	8.15	0.72	0.52	0.19
5.60	0.42	0.25	0.11	8.20	0.72	0.53	0.19
5.65	0.43	0.25	0.11	8.25	0.73	0.53	0.19
5.70	0.43	0.26	0.11	8.30	0.74	0.54	0.19
5.75	0.44	0.26	0.11	8.35	0.75	0.55	0.19
5.80	0.44	0.27	0.11	8.40	0.75	0.55	0.19
5.85	0.45	0.27	0.11	8.45	0.76	0.56	0.20
5.90	0.45	0.27	0.11	8.50	0.77	0.57	0.20
5.95	0.46	0.28	0.11	8.55	0.78	0.58	0.20
6.00	0.46	0.28	0.12	8.60	0.78	0.58	0.20
6.05	0.47	0.29	0.12	8.65	0.79	0.59	0.20
6.10	0.47	0.29	0.12	8.70	0.80	0.60	0.20
6.15	0.47	0.30	0.12	8.75	0.81	0.61	0.21
6.20	0.48	0.30	0.12	8.80	0.82	0.61	0.21
6.25	0.48	0.30	0.12	8.85	0.82	0.62	0.21
6.30	0.49	0.31	0.12	8.90	0.83	0.63	0.21
6.35	0.50	0.31	0.13	8.95	0.84	0.64	0.21
6.40	0.50	0.32	0.13	9.00	0.85	0.64	0.22
6.45	0.51	0.32	0.13	9.05	0.86	0.65	0.22
6.50	0.51	0.33	0.13	9.10	0.87	0.66	0.22
6.55	0.52	0.33	0.13	9.15	0.87	0.67	0.23
6.60	0.52	0.34	0.13	9.20	0.88	0.68	0.23
6.65	0.53	0.34	0.14	9.25	0.89	0.69	0.24
6.70	0.53	0.35	0.14	9.30	0.90	0.70	0.24
6.75	0.54	0.35	0.14	9.35	0.91	0.71	0.25
6.80	0.54	0.36	0.14	9.40	0.92	0.72	0.25
6.85	0.55	0.36	0.14	9.45	0.93	0.73	0.26
6.90	0.56	0.37	0.14	9.50	0.94	0.74	0.27
6.95	0.56	0.37	0.15	9.55	0.95	0.75	0.27
7.00	0.57	0.38	0.15	9.60	0.96	0.76	0.28
7.05	0.57	0.38	0.15	9.65	0.98	0.77	0.28
7.10	0.58	0.39	0.15	9.70	0.99	0.78	0.29
7.15	0.58	0.40	0.15	9.75	1.00	0.79	0.30
7.20	0.59	0.40	0.15	9.80	1.01	0.80	0.30
7.25	0.60	0.41	0.16	9.85	1.02	0.81	0.31
7.30	0.60	0.41	0.16	9.90	1.03	0.82	0.32
7.35	0.61	0.42	0.16	9.95	1.05	0.84	0.32
7.40	0.62	0.42	0.16	10.00	1.06	0.85	0.33
7.45	0.62	0.43	0.16	10.05	1.07	0.86	0.33
7.50	0.63	0.44	0.16	10.10	1.09	0.87	0.34
7.55	0.64	0.44	0.17	10.15	1.10	0.89	0.35
7.60	0.64	0.45	0.17	10.20	1.11	0.90	0.35
7.65	0.65	0.45	0.17	10.25	1.13	0.91	0.36
7.70	0.65	0.46	0.17	10.30	1.14	0.93	0.36
7.75	0.66	0.47	0.17	10.35	1.15	0.94	0.37

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.38	13.00	4.42	4.18	0.82
10.45	1.18	0.97	0.38	13.05	4.44	4.20	0.78
10.50	1.20	0.98	0.39	13.10	4.46	4.23	0.74
10.55	1.21	1.00	0.40	13.15	4.48	4.25	0.69
10.60	1.23	1.02	0.41	13.20	4.50	4.27	0.66
10.65	1.25	1.03	0.43	13.25	4.52	4.29	0.63
10.70	1.27	1.05	0.45	13.30	4.54	4.31	0.60
10.75	1.29	1.07	0.47	13.35	4.56	4.33	0.58
10.80	1.31	1.09	0.49	13.40	4.58	4.34	0.55
10.85	1.33	1.11	0.52	13.45	4.60	4.36	0.53
10.90	1.35	1.13	0.54	13.50	4.61	4.38	0.51
10.95	1.37	1.15	0.56	13.55	4.63	4.39	0.48
11.00	1.39	1.18	0.59	13.60	4.64	4.41	0.46
11.05	1.42	1.20	0.61	13.65	4.66	4.42	0.44
11.10	1.45	1.23	0.64	13.70	4.67	4.43	0.42
11.15	1.48	1.26	0.68	13.75	4.68	4.45	0.41
11.20	1.51	1.29	0.72	13.80	4.70	4.46	0.40
11.25	1.54	1.32	0.76	13.85	4.71	4.48	0.39
11.30	1.57	1.35	0.80	13.90	4.72	4.49	0.39
11.35	1.61	1.38	0.85	13.95	4.74	4.50	0.38
11.40	1.64	1.42	0.89	14.00	4.75	4.51	0.37
11.45	1.68	1.46	0.93	14.05	4.76	4.53	0.37
11.50	1.72	1.49	0.97	14.10	4.78	4.54	0.36
11.55	1.78	1.55	1.03	14.15	4.79	4.55	0.36
11.60	1.83	1.61	1.17	14.20	4.80	4.56	0.35
11.65	1.90	1.67	1.36	14.25	4.81	4.57	0.34
11.70	1.96	1.73	1.52	14.30	4.82	4.59	0.34
11.75	2.04	1.82	1.64	14.35	4.83	4.60	0.33
11.80	2.13	1.90	1.82	14.40	4.85	4.61	0.33
11.85	2.25	2.02	2.07	14.45	4.86	4.62	0.32
11.90	2.36	2.13	2.42	14.50	4.87	4.63	0.31
11.95	2.57	2.34	2.88	14.55	4.88	4.64	0.31
12.00	2.77	2.54	3.60	14.60	4.89	4.65	0.30
12.05	3.11	2.88	4.59	14.65	4.90	4.66	0.30
12.10	3.45	3.21	5.96	14.70	4.91	4.67	0.29
12.15	3.56	3.33	7.26	14.75	4.92	4.68	0.28
12.20	3.68	3.45	7.06	14.80	4.93	4.69	0.28
12.25	3.77	3.53	5.59	14.85	4.94	4.70	0.27
12.30	3.85	3.62	4.21	14.90	4.94	4.71	0.27
12.35	3.91	3.68	3.30	14.95	4.95	4.72	0.26
12.40	3.98	3.74	2.68	15.00	4.96	4.72	0.25
12.45	4.03	3.80	2.23	15.05	4.97	4.73	0.25
12.50	4.09	3.86	1.95	15.10	4.98	4.74	0.24
12.55	4.13	3.90	1.77	15.15	4.99	4.75	0.23
12.60	4.17	3.93	1.57	15.20	4.99	4.76	0.23
12.65	4.20	3.97	1.35	15.25	5.00	4.76	0.23
12.70	4.24	4.00	1.18	15.30	5.01	4.77	0.23
12.75	4.27	4.04	1.09	15.35	5.02	4.78	0.22
12.80	4.30	4.07	1.02	15.40	5.03	4.79	0.22
12.85	4.33	4.10	0.96	15.45	5.03	4.80	0.22
12.90	4.36	4.13	0.91	15.50	5.04	4.80	0.22
12.95	4.39	4.15	0.87	15.55	5.05	4.81	0.22

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.21	18.20	5.37	5.13	0.13
15.65	5.06	4.83	0.21	18.25	5.37	5.14	0.13
15.70	5.07	4.83	0.21	18.30	5.38	5.14	0.13
15.75	5.08	4.84	0.21	18.35	5.38	5.14	0.13
15.80	5.09	4.85	0.21	18.40	5.39	5.15	0.13
15.85	5.09	4.86	0.21	18.45	5.39	5.15	0.13
15.90	5.10	4.86	0.21	18.50	5.40	5.16	0.13
15.95	5.11	4.87	0.20	18.55	5.40	5.16	0.13
16.00	5.11	4.88	0.20	18.60	5.40	5.17	0.13
16.05	5.12	4.88	0.20	18.65	5.41	5.17	0.13
16.10	5.13	4.89	0.20	18.70	5.41	5.18	0.13
16.15	5.13	4.90	0.20	18.75	5.42	5.18	0.13
16.20	5.14	4.90	0.20	18.80	5.42	5.19	0.13
16.25	5.15	4.91	0.19	18.85	5.43	5.19	0.13
16.30	5.16	4.92	0.19	18.90	5.43	5.19	0.13
16.35	5.16	4.92	0.19	18.95	5.44	5.20	0.12
16.40	5.17	4.93	0.19	19.00	5.44	5.20	0.12
16.45	5.17	4.94	0.19	19.05	5.44	5.21	0.12
16.50	5.18	4.94	0.19	19.10	5.45	5.21	0.12
16.55	5.19	4.95	0.18	19.15	5.45	5.22	0.12
16.60	5.19	4.96	0.18	19.20	5.46	5.22	0.12
16.65	5.20	4.96	0.18	19.25	5.46	5.22	0.12
16.70	5.21	4.97	0.18	19.30	5.47	5.23	0.12
16.75	5.21	4.98	0.18	19.35	5.47	5.23	0.12
16.80	5.22	4.98	0.18	19.40	5.48	5.24	0.12
16.85	5.23	4.99	0.17	19.45	5.48	5.24	0.12
16.90	5.23	4.99	0.17	19.50	5.48	5.25	0.12
16.95	5.24	5.00	0.17	19.55	5.49	5.25	0.12
17.00	5.24	5.01	0.17	19.60	5.49	5.25	0.12
17.05	5.25	5.01	0.17	19.65	5.50	5.26	0.12
17.10	5.25	5.02	0.17	19.70	5.50	5.26	0.12
17.15	5.26	5.02	0.17	19.75	5.50	5.27	0.12
17.20	5.27	5.03	0.16	19.80	5.51	5.27	0.12
17.25	5.27	5.03	0.16	19.85	5.51	5.28	0.12
17.30	5.28	5.04	0.16	19.90	5.52	5.28	0.12
17.35	5.28	5.05	0.16	19.95	5.52	5.28	0.12
17.40	5.29	5.05	0.16	20.00	5.53	5.29	0.12
17.45	5.29	5.06	0.16	20.05	5.53	5.29	0.12
17.50	5.30	5.06	0.15	20.10	5.53	5.30	0.12
17.55	5.30	5.07	0.15	20.15	5.54	5.30	0.12
17.60	5.31	5.07	0.15	20.20	5.54	5.30	0.11
17.65	5.31	5.08	0.15	20.25	5.55	5.31	0.11
17.70	5.32	5.08	0.15	20.30	5.55	5.31	0.11
17.75	5.33	5.09	0.15	20.35	5.55	5.32	0.11
17.80	5.33	5.09	0.14	20.40	5.56	5.32	0.11
17.85	5.34	5.10	0.14	20.45	5.56	5.32	0.11
17.90	5.34	5.10	0.14	20.50	5.57	5.33	0.11
17.95	5.34	5.11	0.14	20.55	5.57	5.33	0.11
18.00	5.35	5.11	0.14	20.60	5.57	5.34	0.11
18.05	5.35	5.12	0.14	20.65	5.58	5.34	0.11
18.10	5.36	5.12	0.13	20.70	5.58	5.34	0.11
18.15	5.36	5.13	0.13	20.75	5.59	5.35	0.11

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.11	23.40	5.77	5.53	0.09
20.85	5.59	5.36	0.11	23.45	5.78	5.54	0.09
20.90	5.60	5.36	0.11	23.50	5.78	5.54	0.09
20.95	5.60	5.36	0.11	23.55	5.78	5.54	0.09
21.00	5.61	5.37	0.11	23.60	5.78	5.55	0.09
21.05	5.61	5.37	0.11	23.65	5.79	5.55	0.09
21.10	5.61	5.37	0.11	23.70	5.79	5.55	0.09
21.15	5.62	5.38	0.11	23.75	5.79	5.56	0.09
21.20	5.62	5.38	0.11	23.80	5.80	5.56	0.09
21.25	5.62	5.39	0.11	23.85	5.80	5.56	0.09
21.30	5.63	5.39	0.11	23.90	5.80	5.56	0.08
21.35	5.63	5.39	0.11	23.95	5.81	5.57	0.08
21.40	5.64	5.40	0.11	24.00	5.81	5.57	0.09
21.45	5.64	5.40	0.10	24.05	5.81	5.57	0.09
21.50	5.64	5.40	0.10	24.10	5.81	5.57	0.08
21.55	5.65	5.41	0.10	24.15	5.81	5.57	0.04
21.60	5.65	5.41	0.10	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.10	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.10	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.10	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.10	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.10	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.10	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.10	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.10	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.10	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.10	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.10	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.10	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.10	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.10	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.10	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.10	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.10	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.10	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.10	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.10	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.10	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.09	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.09	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.09	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.09	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.09	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.09	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.09	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.09	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.09	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.09	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.09	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.09	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.09	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.09	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 15l: PDA-15 (impervious) (continued)

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

Hydrograph for Subcatchment 15l: PDA-15 (impervious) (continued)

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

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

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

Summary for Subcatchment 15P: PDA-15 (pervious)

Runoff = 3.26 cfs @ 12.18 hrs, Volume= 0.246 af, Depth= 3.03"
 Routed to Pond B-15 : Basin #15

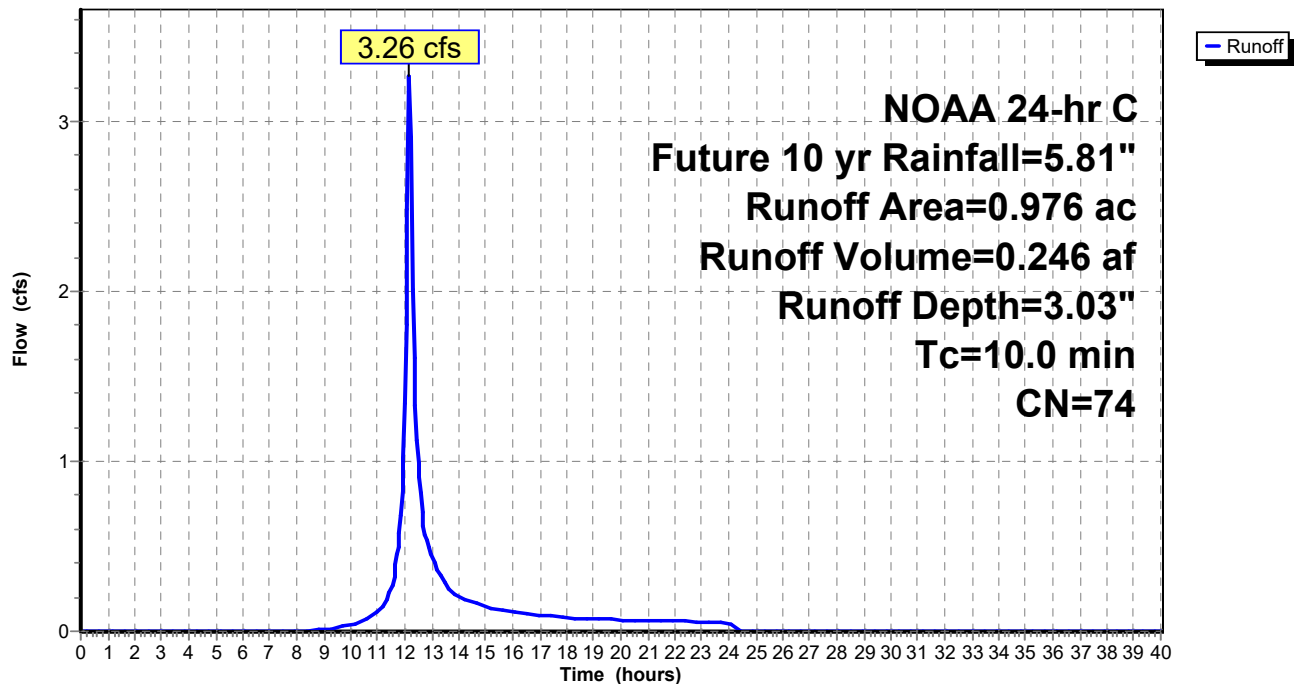
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.976	74	>75% Grass cover, Good, HSG C
0.976		100.00% Pervious Area

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

Subcatchment 15P: PDA-15 (pervious)

Hydrograph



Hydrograph for Subcatchment 15P: PDA-15 (pervious)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.44
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.42
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.39
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.37
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.35
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.34
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.33
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.31
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.30
10.85	1.33	0.09	0.10	13.45	4.60	2.05	0.29
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.28
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.26
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.25
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.24
11.10	1.45	0.13	0.14	13.70	4.67	2.10	0.23
11.15	1.48	0.14	0.15	13.75	4.68	2.12	0.22
11.20	1.51	0.15	0.16	13.80	4.70	2.13	0.22
11.25	1.54	0.16	0.17	13.85	4.71	2.14	0.22
11.30	1.57	0.17	0.19	13.90	4.72	2.15	0.21
11.35	1.61	0.18	0.20	13.95	4.74	2.16	0.21
11.40	1.64	0.20	0.22	14.00	4.75	2.17	0.21
11.45	1.68	0.21	0.24	14.05	4.76	2.18	0.20
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.20
11.55	1.78	0.25	0.28	14.15	4.79	2.20	0.20
11.60	1.83	0.28	0.32	14.20	4.80	2.21	0.19
11.65	1.90	0.30	0.39	14.25	4.81	2.21	0.19
11.70	1.96	0.33	0.45	14.30	4.82	2.22	0.19
11.75	2.04	0.37	0.50	14.35	4.83	2.23	0.18
11.80	2.13	0.41	0.57	14.40	4.85	2.24	0.18
11.85	2.25	0.47	0.68	14.45	4.86	2.25	0.18
11.90	2.36	0.53	0.82	14.50	4.87	2.26	0.17
11.95	2.57	0.65	1.02	14.55	4.88	2.27	0.17
12.00	2.77	0.77	1.34	14.60	4.89	2.27	0.17
12.05	3.11	0.98	1.80	14.65	4.90	2.28	0.16
12.10	3.45	1.20	2.48	14.70	4.91	2.29	0.16
12.15	3.56	1.28	3.17	14.75	4.92	2.30	0.16
12.20	3.68	1.37	3.20	14.80	4.93	2.31	0.15
12.25	3.77	1.43	2.60	14.85	4.94	2.31	0.15
12.30	3.85	1.49	2.01	14.90	4.94	2.32	0.15
12.35	3.91	1.53	1.61	14.95	4.95	2.33	0.14
12.40	3.98	1.58	1.33	15.00	4.96	2.33	0.14
12.45	4.03	1.62	1.12	15.05	4.97	2.34	0.14
12.50	4.09	1.67	0.99	15.10	4.98	2.35	0.13
12.55	4.13	1.69	0.91	15.15	4.99	2.35	0.13
12.60	4.17	1.72	0.81	15.20	4.99	2.36	0.13
12.65	4.20	1.75	0.70	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.62	15.30	5.01	2.37	0.13
12.75	4.27	1.80	0.57	15.35	5.02	2.38	0.13
12.80	4.30	1.82	0.54	15.40	5.03	2.38	0.12
12.85	4.33	1.85	0.51	15.45	5.03	2.39	0.12
12.90	4.36	1.87	0.48	15.50	5.04	2.40	0.12
12.95	4.39	1.89	0.46	15.55	5.05	2.40	0.12

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.12	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.12	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.12	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.12	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.11	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.11	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.11	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.11	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.11	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.11	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.11	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.10	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.10	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.10	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.09	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.09	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

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

Summary for Subcatchment 16AI: PDA-16A (impervious)

Runoff = 4.52 cfs @ 12.17 hrs, Volume= 0.396 af, Depth= 5.57"
 Routed to Pond B-16A : Basin #16A

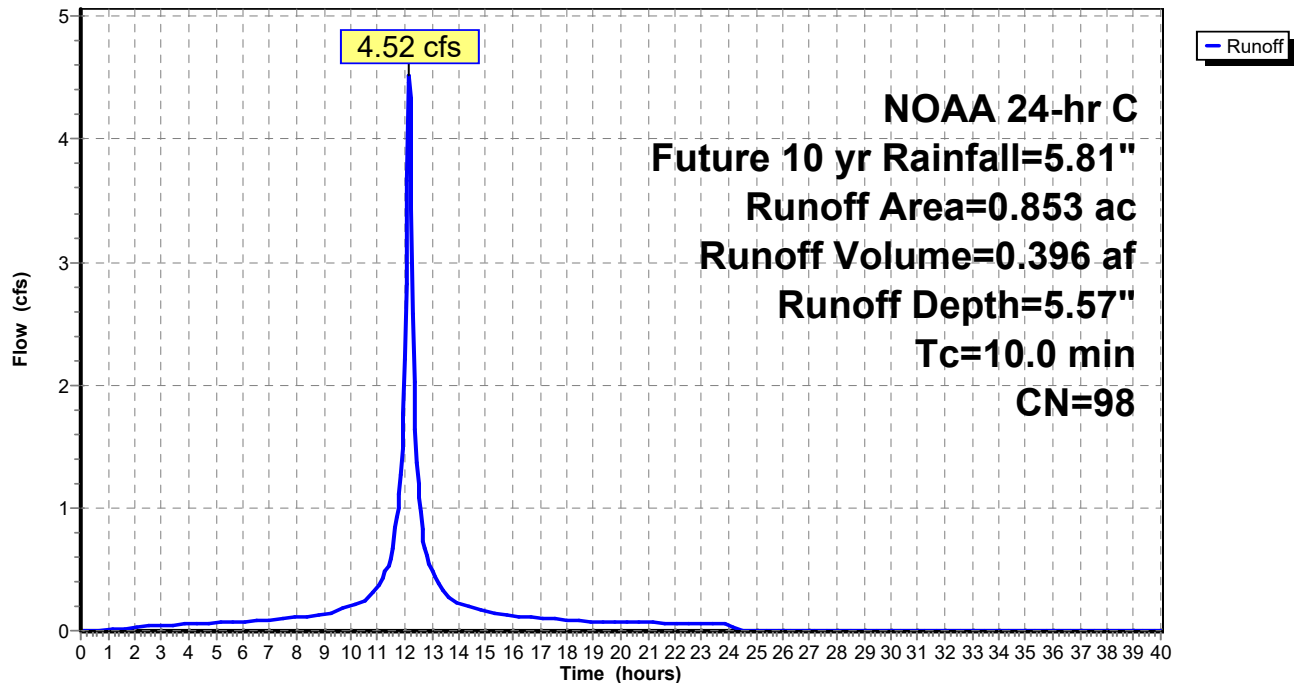
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.072	98	Pavement, HSG C
* 0.771	98	Roof, HSG C
* 0.010	98	Concrete, HSG C
0.853	98	Weighted Average
0.853		100.00% Impervious Area

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

Subcatchment 16AI: PDA-16A (impervious)

Hydrograph



Hydrograph for Subcatchment 16A1: PDA-16A (impervious)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.14
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.14
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.15
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.16
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.17
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.17
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.17
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.18
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.18
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.19
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.19
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.20
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.20
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.20
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.21
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.21
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.22
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.22
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.22
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.23

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.23	13.00	4.42	4.18	0.51
10.45	1.18	0.97	0.23	13.05	4.44	4.20	0.48
10.50	1.20	0.98	0.24	13.10	4.46	4.23	0.45
10.55	1.21	1.00	0.24	13.15	4.48	4.25	0.43
10.60	1.23	1.02	0.25	13.20	4.50	4.27	0.40
10.65	1.25	1.03	0.26	13.25	4.52	4.29	0.39
10.70	1.27	1.05	0.28	13.30	4.54	4.31	0.37
10.75	1.29	1.07	0.29	13.35	4.56	4.33	0.35
10.80	1.31	1.09	0.30	13.40	4.58	4.34	0.34
10.85	1.33	1.11	0.32	13.45	4.60	4.36	0.33
10.90	1.35	1.13	0.33	13.50	4.61	4.38	0.31
10.95	1.37	1.15	0.34	13.55	4.63	4.39	0.30
11.00	1.39	1.18	0.36	13.60	4.64	4.41	0.28
11.05	1.42	1.20	0.37	13.65	4.66	4.42	0.27
11.10	1.45	1.23	0.39	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.42	13.75	4.68	4.45	0.25
11.20	1.51	1.29	0.44	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.47	13.85	4.71	4.48	0.24
11.30	1.57	1.35	0.49	13.90	4.72	4.49	0.24
11.35	1.61	1.38	0.52	13.95	4.74	4.50	0.23
11.40	1.64	1.42	0.55	14.00	4.75	4.51	0.23
11.45	1.68	1.46	0.57	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.60	14.10	4.78	4.54	0.22
11.55	1.78	1.55	0.63	14.15	4.79	4.55	0.22
11.60	1.83	1.61	0.72	14.20	4.80	4.56	0.21
11.65	1.90	1.67	0.84	14.25	4.81	4.57	0.21
11.70	1.96	1.73	0.93	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.00	14.35	4.83	4.60	0.20
11.80	2.13	1.90	1.12	14.40	4.85	4.61	0.20
11.85	2.25	2.02	1.27	14.45	4.86	4.62	0.20
11.90	2.36	2.13	1.49	14.50	4.87	4.63	0.19
11.95	2.57	2.34	1.77	14.55	4.88	4.64	0.19
12.00	2.77	2.54	2.21	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.82	14.65	4.90	4.66	0.18
12.10	3.45	3.21	3.66	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.46	14.75	4.92	4.68	0.17
12.20	3.68	3.45	4.33	14.80	4.93	4.69	0.17
12.25	3.77	3.53	3.43	14.85	4.94	4.70	0.17
12.30	3.85	3.62	2.59	14.90	4.94	4.71	0.16
12.35	3.91	3.68	2.03	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.64	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.37	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.20	15.10	4.98	4.74	0.15
12.55	4.13	3.90	1.09	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.97	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.83	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.73	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.67	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.62	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.59	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.56	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.53	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

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

Summary for Subcatchment 16AP: PDA-16A (pervious)

Runoff = 3.42 cfs @ 12.18 hrs, Volume= 0.258 af, Depth= 3.03"
 Routed to Pond B-16A : Basin #16A

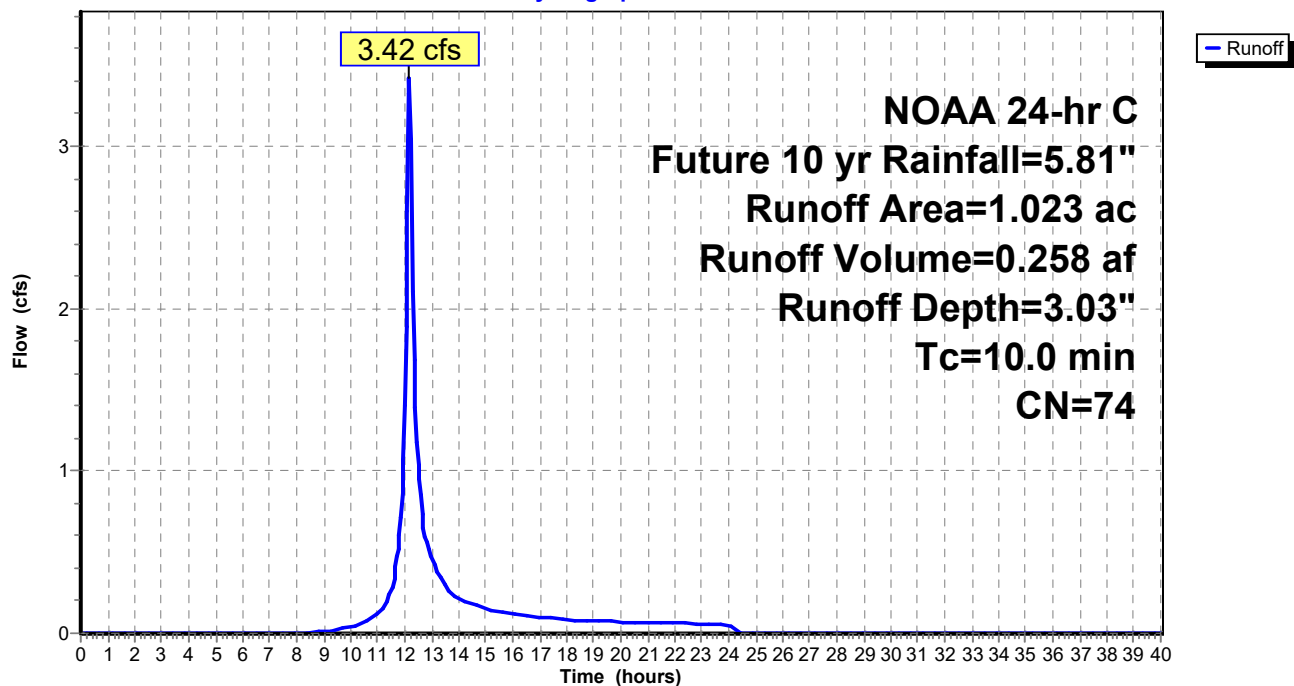
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.023	74	>75% Grass cover, Good, HSG C
1.023		100.00% Pervious Area

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

Subcatchment 16AP: PDA-16A (pervious)

Hydrograph



Hydrograph for Subcatchment 16AP: PDA-16A (pervious)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.46
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.44
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.41
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.39
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.37
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.36
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.34
10.75	1.29	0.08	0.09	13.35	4.56	2.02	0.33
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.31
10.85	1.33	0.09	0.10	13.45	4.60	2.05	0.30
10.90	1.35	0.10	0.11	13.50	4.61	2.06	0.29
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.28
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.26
11.05	1.42	0.12	0.13	13.65	4.66	2.09	0.25
11.10	1.45	0.13	0.14	13.70	4.67	2.10	0.24
11.15	1.48	0.14	0.15	13.75	4.68	2.12	0.23
11.20	1.51	0.15	0.17	13.80	4.70	2.13	0.23
11.25	1.54	0.16	0.18	13.85	4.71	2.14	0.23
11.30	1.57	0.17	0.20	13.90	4.72	2.15	0.22
11.35	1.61	0.18	0.21	13.95	4.74	2.16	0.22
11.40	1.64	0.20	0.23	14.00	4.75	2.17	0.22
11.45	1.68	0.21	0.25	14.05	4.76	2.18	0.21
11.50	1.72	0.23	0.27	14.10	4.78	2.19	0.21
11.55	1.78	0.25	0.29	14.15	4.79	2.20	0.21
11.60	1.83	0.28	0.34	14.20	4.80	2.21	0.20
11.65	1.90	0.30	0.41	14.25	4.81	2.21	0.20
11.70	1.96	0.33	0.47	14.30	4.82	2.22	0.20
11.75	2.04	0.37	0.52	14.35	4.83	2.23	0.19
11.80	2.13	0.41	0.60	14.40	4.85	2.24	0.19
11.85	2.25	0.47	0.71	14.45	4.86	2.25	0.19
11.90	2.36	0.53	0.86	14.50	4.87	2.26	0.18
11.95	2.57	0.65	1.07	14.55	4.88	2.27	0.18
12.00	2.77	0.77	1.41	14.60	4.89	2.27	0.18
12.05	3.11	0.98	1.89	14.65	4.90	2.28	0.17
12.10	3.45	1.20	2.60	14.70	4.91	2.29	0.17
12.15	3.56	1.28	3.33	14.75	4.92	2.30	0.17
12.20	3.68	1.37	3.35	14.80	4.93	2.31	0.16
12.25	3.77	1.43	2.73	14.85	4.94	2.31	0.16
12.30	3.85	1.49	2.10	14.90	4.94	2.32	0.16
12.35	3.91	1.53	1.68	14.95	4.95	2.33	0.15
12.40	3.98	1.58	1.39	15.00	4.96	2.33	0.15
12.45	4.03	1.62	1.18	15.05	4.97	2.34	0.14
12.50	4.09	1.67	1.04	15.10	4.98	2.35	0.14
12.55	4.13	1.69	0.95	15.15	4.99	2.35	0.14
12.60	4.17	1.72	0.85	15.20	4.99	2.36	0.14
12.65	4.20	1.75	0.73	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.65	15.30	5.01	2.37	0.13
12.75	4.27	1.80	0.60	15.35	5.02	2.38	0.13
12.80	4.30	1.82	0.56	15.40	5.03	2.38	0.13
12.85	4.33	1.85	0.53	15.45	5.03	2.39	0.13
12.90	4.36	1.87	0.51	15.50	5.04	2.40	0.13
12.95	4.39	1.89	0.48	15.55	5.05	2.40	0.13

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.13	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.13	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.13	18.30	5.38	2.67	0.08
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.08
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.12	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.12	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.12	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.12	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.12	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.12	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.12	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.12	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.12	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.08
16.45	5.17	2.50	0.11	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.11	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.11	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.11	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.11	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.11	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.10	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.10	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.10	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.10	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.10	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.09	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.09	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.09	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

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

Summary for Subcatchment 16BI: PDA-16B (impervious)

Runoff = 4.35 cfs @ 12.17 hrs, Volume= 0.381 af, Depth= 5.57"
 Routed to Pond B-16B : Basin #16B

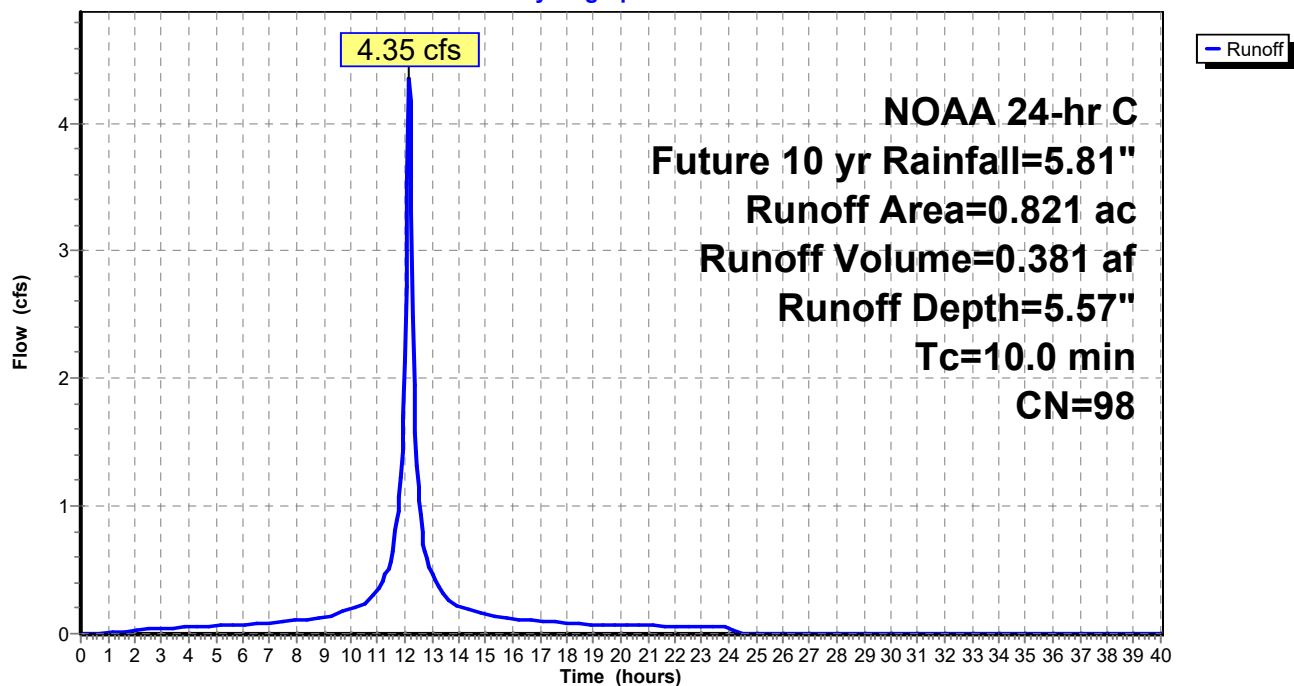
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.621	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.821	98	Weighted Average
0.821		100.00% Impervious Area

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

Subcatchment 16BI: PDA-16B (impervious)

Hydrograph



Hydrograph for Subcatchment 16BI: PDA-16B (impervious)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.10
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.11
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.11
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.11
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.11
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.12
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.12
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.12
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.12
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.13
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.14
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.14
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.15
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.16
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.17
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.17
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.18
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.18
7.25	0.60	0.41	0.09	9.85	1.02	0.81	0.18
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.19
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.19
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.19
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.20
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.20
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.20
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.21
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.21
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.22
7.75	0.66	0.47	0.10	10.35	1.15	0.94	0.22

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.22	13.00	4.42	4.18	0.49
10.45	1.18	0.97	0.23	13.05	4.44	4.20	0.46
10.50	1.20	0.98	0.23	13.10	4.46	4.23	0.43
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.41
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.39
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.37
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.36
10.75	1.29	1.07	0.28	13.35	4.56	4.33	0.34
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.33
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.31
10.90	1.35	1.13	0.32	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.33	13.55	4.63	4.39	0.29
11.00	1.39	1.18	0.35	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.36	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.25
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.24
11.20	1.51	1.29	0.43	13.80	4.70	4.46	0.24
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.23
11.30	1.57	1.35	0.48	13.90	4.72	4.49	0.23
11.35	1.61	1.38	0.50	13.95	4.74	4.50	0.23
11.40	1.64	1.42	0.53	14.00	4.75	4.51	0.22
11.45	1.68	1.46	0.55	14.05	4.76	4.53	0.22
11.50	1.72	1.49	0.58	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.61	14.15	4.79	4.55	0.21
11.60	1.83	1.61	0.69	14.20	4.80	4.56	0.21
11.65	1.90	1.67	0.80	14.25	4.81	4.57	0.20
11.70	1.96	1.73	0.90	14.30	4.82	4.59	0.20
11.75	2.04	1.82	0.97	14.35	4.83	4.60	0.20
11.80	2.13	1.90	1.07	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.22	14.45	4.86	4.62	0.19
11.90	2.36	2.13	1.43	14.50	4.87	4.63	0.19
11.95	2.57	2.34	1.70	14.55	4.88	4.64	0.18
12.00	2.77	2.54	2.13	14.60	4.89	4.65	0.18
12.05	3.11	2.88	2.71	14.65	4.90	4.66	0.17
12.10	3.45	3.21	3.53	14.70	4.91	4.67	0.17
12.15	3.56	3.33	4.29	14.75	4.92	4.68	0.17
12.20	3.68	3.45	4.17	14.80	4.93	4.69	0.16
12.25	3.77	3.53	3.30	14.85	4.94	4.70	0.16
12.30	3.85	3.62	2.49	14.90	4.94	4.71	0.16
12.35	3.91	3.68	1.95	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.58	15.00	4.96	4.72	0.15
12.45	4.03	3.80	1.32	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.15	15.10	4.98	4.74	0.14
12.55	4.13	3.90	1.05	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.93	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.80	15.25	5.00	4.76	0.13
12.70	4.24	4.00	0.70	15.30	5.01	4.77	0.13
12.75	4.27	4.04	0.64	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.60	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.57	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.54	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.51	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.12	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.12	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.11	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.11	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.10	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.09	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

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

Summary for Subcatchment 16BP: PDA-16B (pervious)

Runoff = 3.53 cfs @ 12.18 hrs, Volume= 0.266 af, Depth= 3.03"
 Routed to Pond B-16B : Basin #16B

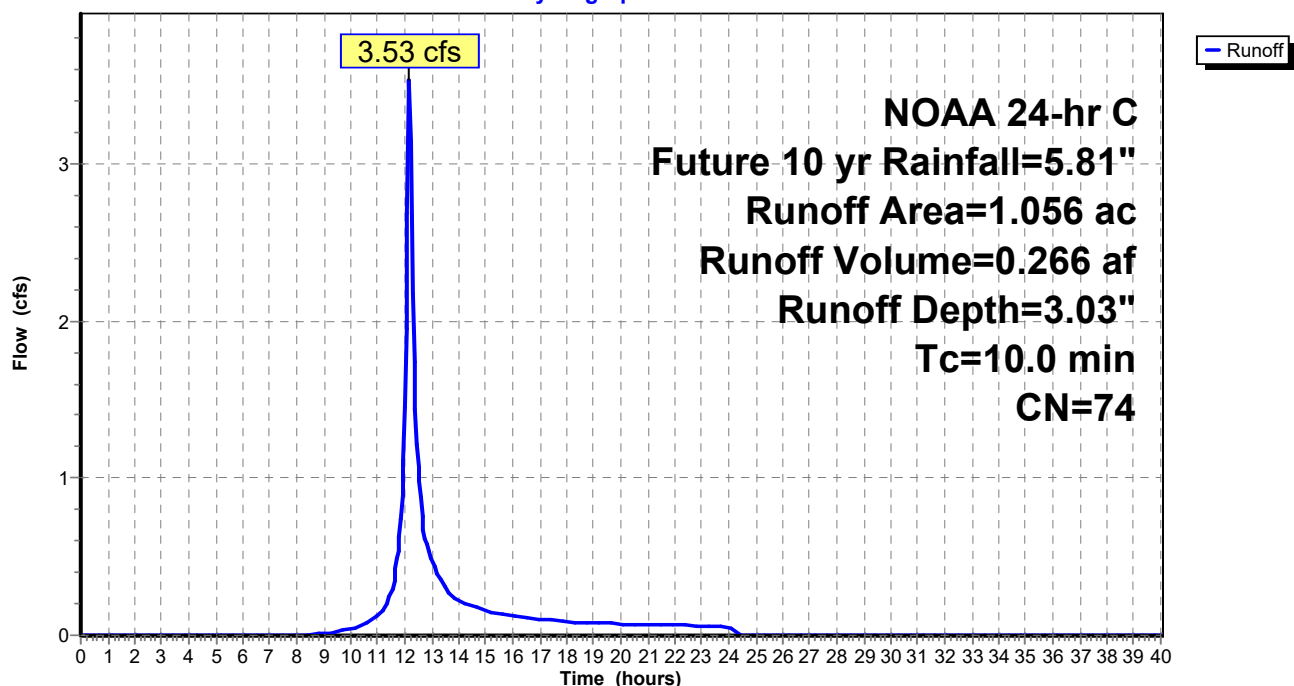
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.056	74	>75% Grass cover, Good, HSG C
1.056		100.00% Pervious Area

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

Subcatchment 16BP: PDA-16B (pervious)

Hydrograph



Hydrograph for Subcatchment 16BP: PDA-16B (pervious)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.05
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.47
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.45
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.43
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.40
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.38
10.65	1.25	0.07	0.08	13.25	4.52	1.99	0.37
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.35
10.75	1.29	0.08	0.09	13.35	4.56	2.02	0.34
10.80	1.31	0.09	0.10	13.40	4.58	2.03	0.32
10.85	1.33	0.09	0.10	13.45	4.60	2.05	0.31
10.90	1.35	0.10	0.11	13.50	4.61	2.06	0.30
10.95	1.37	0.11	0.12	13.55	4.63	2.07	0.28
11.00	1.39	0.11	0.13	13.60	4.64	2.08	0.27
11.05	1.42	0.12	0.14	13.65	4.66	2.09	0.26
11.10	1.45	0.13	0.15	13.70	4.67	2.10	0.25
11.15	1.48	0.14	0.16	13.75	4.68	2.12	0.24
11.20	1.51	0.15	0.17	13.80	4.70	2.13	0.24
11.25	1.54	0.16	0.19	13.85	4.71	2.14	0.23
11.30	1.57	0.17	0.20	13.90	4.72	2.15	0.23
11.35	1.61	0.18	0.22	13.95	4.74	2.16	0.23
11.40	1.64	0.20	0.24	14.00	4.75	2.17	0.22
11.45	1.68	0.21	0.26	14.05	4.76	2.18	0.22
11.50	1.72	0.23	0.28	14.10	4.78	2.19	0.22
11.55	1.78	0.25	0.30	14.15	4.79	2.20	0.21
11.60	1.83	0.28	0.35	14.20	4.80	2.21	0.21
11.65	1.90	0.30	0.42	14.25	4.81	2.21	0.21
11.70	1.96	0.33	0.48	14.30	4.82	2.22	0.20
11.75	2.04	0.37	0.54	14.35	4.83	2.23	0.20
11.80	2.13	0.41	0.62	14.40	4.85	2.24	0.20
11.85	2.25	0.47	0.73	14.45	4.86	2.25	0.19
11.90	2.36	0.53	0.89	14.50	4.87	2.26	0.19
11.95	2.57	0.65	1.11	14.55	4.88	2.27	0.18
12.00	2.77	0.77	1.45	14.60	4.89	2.27	0.18
12.05	3.11	0.98	1.95	14.65	4.90	2.28	0.18
12.10	3.45	1.20	2.68	14.70	4.91	2.29	0.17
12.15	3.56	1.28	3.43	14.75	4.92	2.30	0.17
12.20	3.68	1.37	3.46	14.80	4.93	2.31	0.17
12.25	3.77	1.43	2.82	14.85	4.94	2.31	0.16
12.30	3.85	1.49	2.17	14.90	4.94	2.32	0.16
12.35	3.91	1.53	1.74	14.95	4.95	2.33	0.16
12.40	3.98	1.58	1.43	15.00	4.96	2.33	0.15
12.45	4.03	1.62	1.21	15.05	4.97	2.34	0.15
12.50	4.09	1.67	1.07	15.10	4.98	2.35	0.15
12.55	4.13	1.69	0.98	15.15	4.99	2.35	0.14
12.60	4.17	1.72	0.88	15.20	4.99	2.36	0.14
12.65	4.20	1.75	0.76	15.25	5.00	2.37	0.14
12.70	4.24	1.77	0.67	15.30	5.01	2.37	0.14
12.75	4.27	1.80	0.62	15.35	5.02	2.38	0.14
12.80	4.30	1.82	0.58	15.40	5.03	2.38	0.13
12.85	4.33	1.85	0.55	15.45	5.03	2.39	0.13
12.90	4.36	1.87	0.52	15.50	5.04	2.40	0.13
12.95	4.39	1.89	0.50	15.55	5.05	2.40	0.13

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.13	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.13	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.13	18.30	5.38	2.67	0.08
15.75	5.08	2.43	0.13	18.35	5.38	2.67	0.08
15.80	5.09	2.43	0.13	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.13	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.13	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.12	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.12	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.12	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.12	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.12	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.12	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.12	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.12	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.12	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.12	19.00	5.44	2.72	0.08
16.45	5.17	2.50	0.12	19.05	5.44	2.72	0.08
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.08
16.55	5.19	2.52	0.11	19.15	5.45	2.73	0.08
16.60	5.19	2.52	0.11	19.20	5.46	2.73	0.08
16.65	5.20	2.53	0.11	19.25	5.46	2.74	0.08
16.70	5.21	2.53	0.11	19.30	5.47	2.74	0.08
16.75	5.21	2.54	0.11	19.35	5.47	2.75	0.08
16.80	5.22	2.54	0.11	19.40	5.48	2.75	0.08
16.85	5.23	2.55	0.11	19.45	5.48	2.75	0.08
16.90	5.23	2.55	0.11	19.50	5.48	2.76	0.08
16.95	5.24	2.55	0.11	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.10	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.10	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.10	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.10	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.10	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.10	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.10	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.10	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.09	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.09	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.09	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.09	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.09	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.09	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.06
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.06
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.06
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.06
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.06
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.07	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.07	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.07	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.07	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.07	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.07	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.07	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.07	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.07	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.06	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.06	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

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

Summary for Subcatchment 17AI: PDA-17A (impervious)

Runoff = 1.02 cfs @ 12.17 hrs, Volume= 0.090 af, Depth= 5.57"
 Routed to Pond B-17A : Basin #17A

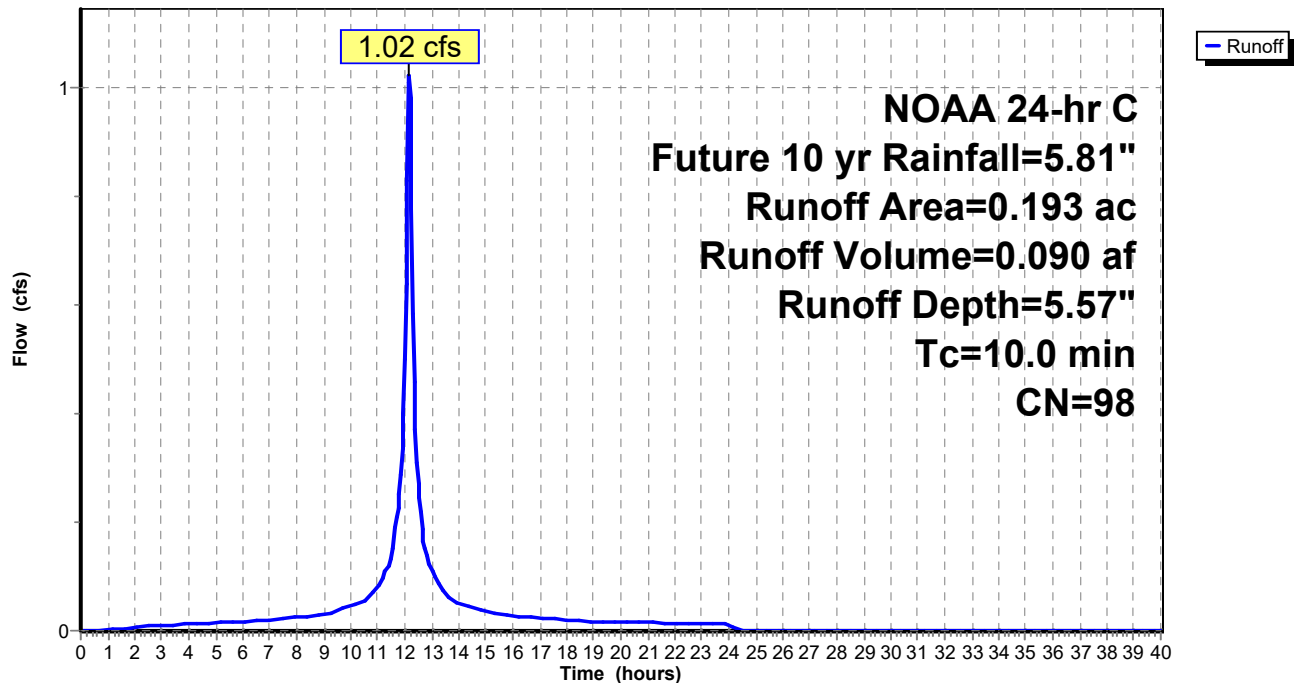
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.193	98	Roof, HSG C
0.000	98	Paved roads w/curbs & sewers, HSG C
* 0.000	98	Concrete, HSG C
0.193	98	Weighted Average
0.193		100.00% Impervious Area

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

Subcatchment 17AI: PDA-17A (impervious)

Hydrograph



Hydrograph for Subcatchment 17A1: PDA-17A (impervious)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.01	7.80	0.67	0.47	0.02
5.25	0.39	0.22	0.01	7.85	0.68	0.48	0.02
5.30	0.40	0.23	0.01	7.90	0.68	0.49	0.02
5.35	0.40	0.23	0.01	7.95	0.69	0.49	0.02
5.40	0.41	0.23	0.02	8.00	0.70	0.50	0.03
5.45	0.41	0.24	0.02	8.05	0.70	0.51	0.03
5.50	0.41	0.24	0.02	8.10	0.71	0.51	0.03
5.55	0.42	0.25	0.02	8.15	0.72	0.52	0.03
5.60	0.42	0.25	0.02	8.20	0.72	0.53	0.03
5.65	0.43	0.25	0.02	8.25	0.73	0.53	0.03
5.70	0.43	0.26	0.02	8.30	0.74	0.54	0.03
5.75	0.44	0.26	0.02	8.35	0.75	0.55	0.03
5.80	0.44	0.27	0.02	8.40	0.75	0.55	0.03
5.85	0.45	0.27	0.02	8.45	0.76	0.56	0.03
5.90	0.45	0.27	0.02	8.50	0.77	0.57	0.03
5.95	0.46	0.28	0.02	8.55	0.78	0.58	0.03
6.00	0.46	0.28	0.02	8.60	0.78	0.58	0.03
6.05	0.47	0.29	0.02	8.65	0.79	0.59	0.03
6.10	0.47	0.29	0.02	8.70	0.80	0.60	0.03
6.15	0.47	0.30	0.02	8.75	0.81	0.61	0.03
6.20	0.48	0.30	0.02	8.80	0.82	0.61	0.03
6.25	0.48	0.30	0.02	8.85	0.82	0.62	0.03
6.30	0.49	0.31	0.02	8.90	0.83	0.63	0.03
6.35	0.50	0.31	0.02	8.95	0.84	0.64	0.03
6.40	0.50	0.32	0.02	9.00	0.85	0.64	0.03
6.45	0.51	0.32	0.02	9.05	0.86	0.65	0.03
6.50	0.51	0.33	0.02	9.10	0.87	0.66	0.03
6.55	0.52	0.33	0.02	9.15	0.87	0.67	0.03
6.60	0.52	0.34	0.02	9.20	0.88	0.68	0.03
6.65	0.53	0.34	0.02	9.25	0.89	0.69	0.03
6.70	0.53	0.35	0.02	9.30	0.90	0.70	0.03
6.75	0.54	0.35	0.02	9.35	0.91	0.71	0.03
6.80	0.54	0.36	0.02	9.40	0.92	0.72	0.04
6.85	0.55	0.36	0.02	9.45	0.93	0.73	0.04
6.90	0.56	0.37	0.02	9.50	0.94	0.74	0.04
6.95	0.56	0.37	0.02	9.55	0.95	0.75	0.04
7.00	0.57	0.38	0.02	9.60	0.96	0.76	0.04
7.05	0.57	0.38	0.02	9.65	0.98	0.77	0.04
7.10	0.58	0.39	0.02	9.70	0.99	0.78	0.04
7.15	0.58	0.40	0.02	9.75	1.00	0.79	0.04
7.20	0.59	0.40	0.02	9.80	1.01	0.80	0.04
7.25	0.60	0.41	0.02	9.85	1.02	0.81	0.04
7.30	0.60	0.41	0.02	9.90	1.03	0.82	0.04
7.35	0.61	0.42	0.02	9.95	1.05	0.84	0.04
7.40	0.62	0.42	0.02	10.00	1.06	0.85	0.05
7.45	0.62	0.43	0.02	10.05	1.07	0.86	0.05
7.50	0.63	0.44	0.02	10.10	1.09	0.87	0.05
7.55	0.64	0.44	0.02	10.15	1.10	0.89	0.05
7.60	0.64	0.45	0.02	10.20	1.11	0.90	0.05
7.65	0.65	0.45	0.02	10.25	1.13	0.91	0.05
7.70	0.65	0.46	0.02	10.30	1.14	0.93	0.05
7.75	0.66	0.47	0.02	10.35	1.15	0.94	0.05

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.05	13.00	4.42	4.18	0.11
10.45	1.18	0.97	0.05	13.05	4.44	4.20	0.11
10.50	1.20	0.98	0.05	13.10	4.46	4.23	0.10
10.55	1.21	1.00	0.06	13.15	4.48	4.25	0.10
10.60	1.23	1.02	0.06	13.20	4.50	4.27	0.09
10.65	1.25	1.03	0.06	13.25	4.52	4.29	0.09
10.70	1.27	1.05	0.06	13.30	4.54	4.31	0.08
10.75	1.29	1.07	0.07	13.35	4.56	4.33	0.08
10.80	1.31	1.09	0.07	13.40	4.58	4.34	0.08
10.85	1.33	1.11	0.07	13.45	4.60	4.36	0.07
10.90	1.35	1.13	0.07	13.50	4.61	4.38	0.07
10.95	1.37	1.15	0.08	13.55	4.63	4.39	0.07
11.00	1.39	1.18	0.08	13.60	4.64	4.41	0.06
11.05	1.42	1.20	0.08	13.65	4.66	4.42	0.06
11.10	1.45	1.23	0.09	13.70	4.67	4.43	0.06
11.15	1.48	1.26	0.09	13.75	4.68	4.45	0.06
11.20	1.51	1.29	0.10	13.80	4.70	4.46	0.06
11.25	1.54	1.32	0.11	13.85	4.71	4.48	0.05
11.30	1.57	1.35	0.11	13.90	4.72	4.49	0.05
11.35	1.61	1.38	0.12	13.95	4.74	4.50	0.05
11.40	1.64	1.42	0.12	14.00	4.75	4.51	0.05
11.45	1.68	1.46	0.13	14.05	4.76	4.53	0.05
11.50	1.72	1.49	0.14	14.10	4.78	4.54	0.05
11.55	1.78	1.55	0.14	14.15	4.79	4.55	0.05
11.60	1.83	1.61	0.16	14.20	4.80	4.56	0.05
11.65	1.90	1.67	0.19	14.25	4.81	4.57	0.05
11.70	1.96	1.73	0.21	14.30	4.82	4.59	0.05
11.75	2.04	1.82	0.23	14.35	4.83	4.60	0.05
11.80	2.13	1.90	0.25	14.40	4.85	4.61	0.05
11.85	2.25	2.02	0.29	14.45	4.86	4.62	0.04
11.90	2.36	2.13	0.34	14.50	4.87	4.63	0.04
11.95	2.57	2.34	0.40	14.55	4.88	4.64	0.04
12.00	2.77	2.54	0.50	14.60	4.89	4.65	0.04
12.05	3.11	2.88	0.64	14.65	4.90	4.66	0.04
12.10	3.45	3.21	0.83	14.70	4.91	4.67	0.04
12.15	3.56	3.33	1.01	14.75	4.92	4.68	0.04
12.20	3.68	3.45	0.98	14.80	4.93	4.69	0.04
12.25	3.77	3.53	0.78	14.85	4.94	4.70	0.04
12.30	3.85	3.62	0.59	14.90	4.94	4.71	0.04
12.35	3.91	3.68	0.46	14.95	4.95	4.72	0.04
12.40	3.98	3.74	0.37	15.00	4.96	4.72	0.04
12.45	4.03	3.80	0.31	15.05	4.97	4.73	0.03
12.50	4.09	3.86	0.27	15.10	4.98	4.74	0.03
12.55	4.13	3.90	0.25	15.15	4.99	4.75	0.03
12.60	4.17	3.93	0.22	15.20	4.99	4.76	0.03
12.65	4.20	3.97	0.19	15.25	5.00	4.76	0.03
12.70	4.24	4.00	0.16	15.30	5.01	4.77	0.03
12.75	4.27	4.04	0.15	15.35	5.02	4.78	0.03
12.80	4.30	4.07	0.14	15.40	5.03	4.79	0.03
12.85	4.33	4.10	0.13	15.45	5.03	4.80	0.03
12.90	4.36	4.13	0.13	15.50	5.04	4.80	0.03
12.95	4.39	4.15	0.12	15.55	5.05	4.81	0.03

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.03	18.20	5.37	5.13	0.02
15.65	5.06	4.83	0.03	18.25	5.37	5.14	0.02
15.70	5.07	4.83	0.03	18.30	5.38	5.14	0.02
15.75	5.08	4.84	0.03	18.35	5.38	5.14	0.02
15.80	5.09	4.85	0.03	18.40	5.39	5.15	0.02
15.85	5.09	4.86	0.03	18.45	5.39	5.15	0.02
15.90	5.10	4.86	0.03	18.50	5.40	5.16	0.02
15.95	5.11	4.87	0.03	18.55	5.40	5.16	0.02
16.00	5.11	4.88	0.03	18.60	5.40	5.17	0.02
16.05	5.12	4.88	0.03	18.65	5.41	5.17	0.02
16.10	5.13	4.89	0.03	18.70	5.41	5.18	0.02
16.15	5.13	4.90	0.03	18.75	5.42	5.18	0.02
16.20	5.14	4.90	0.03	18.80	5.42	5.19	0.02
16.25	5.15	4.91	0.03	18.85	5.43	5.19	0.02
16.30	5.16	4.92	0.03	18.90	5.43	5.19	0.02
16.35	5.16	4.92	0.03	18.95	5.44	5.20	0.02
16.40	5.17	4.93	0.03	19.00	5.44	5.20	0.02
16.45	5.17	4.94	0.03	19.05	5.44	5.21	0.02
16.50	5.18	4.94	0.03	19.10	5.45	5.21	0.02
16.55	5.19	4.95	0.03	19.15	5.45	5.22	0.02
16.60	5.19	4.96	0.03	19.20	5.46	5.22	0.02
16.65	5.20	4.96	0.03	19.25	5.46	5.22	0.02
16.70	5.21	4.97	0.02	19.30	5.47	5.23	0.02
16.75	5.21	4.98	0.02	19.35	5.47	5.23	0.02
16.80	5.22	4.98	0.02	19.40	5.48	5.24	0.02
16.85	5.23	4.99	0.02	19.45	5.48	5.24	0.02
16.90	5.23	4.99	0.02	19.50	5.48	5.25	0.02
16.95	5.24	5.00	0.02	19.55	5.49	5.25	0.02
17.00	5.24	5.01	0.02	19.60	5.49	5.25	0.02
17.05	5.25	5.01	0.02	19.65	5.50	5.26	0.02
17.10	5.25	5.02	0.02	19.70	5.50	5.26	0.02
17.15	5.26	5.02	0.02	19.75	5.50	5.27	0.02
17.20	5.27	5.03	0.02	19.80	5.51	5.27	0.02
17.25	5.27	5.03	0.02	19.85	5.51	5.28	0.02
17.30	5.28	5.04	0.02	19.90	5.52	5.28	0.02
17.35	5.28	5.05	0.02	19.95	5.52	5.28	0.02
17.40	5.29	5.05	0.02	20.00	5.53	5.29	0.02
17.45	5.29	5.06	0.02	20.05	5.53	5.29	0.02
17.50	5.30	5.06	0.02	20.10	5.53	5.30	0.02
17.55	5.30	5.07	0.02	20.15	5.54	5.30	0.02
17.60	5.31	5.07	0.02	20.20	5.54	5.30	0.02
17.65	5.31	5.08	0.02	20.25	5.55	5.31	0.02
17.70	5.32	5.08	0.02	20.30	5.55	5.31	0.02
17.75	5.33	5.09	0.02	20.35	5.55	5.32	0.02
17.80	5.33	5.09	0.02	20.40	5.56	5.32	0.02
17.85	5.34	5.10	0.02	20.45	5.56	5.32	0.02
17.90	5.34	5.10	0.02	20.50	5.57	5.33	0.02
17.95	5.34	5.11	0.02	20.55	5.57	5.33	0.02
18.00	5.35	5.11	0.02	20.60	5.57	5.34	0.02
18.05	5.35	5.12	0.02	20.65	5.58	5.34	0.02
18.10	5.36	5.12	0.02	20.70	5.58	5.34	0.02
18.15	5.36	5.13	0.02	20.75	5.59	5.35	0.02

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.02	23.40	5.77	5.53	0.01
20.85	5.59	5.36	0.02	23.45	5.78	5.54	0.01
20.90	5.60	5.36	0.02	23.50	5.78	5.54	0.01
20.95	5.60	5.36	0.02	23.55	5.78	5.54	0.01
21.00	5.61	5.37	0.02	23.60	5.78	5.55	0.01
21.05	5.61	5.37	0.01	23.65	5.79	5.55	0.01
21.10	5.61	5.37	0.01	23.70	5.79	5.55	0.01
21.15	5.62	5.38	0.01	23.75	5.79	5.56	0.01
21.20	5.62	5.38	0.01	23.80	5.80	5.56	0.01
21.25	5.62	5.39	0.01	23.85	5.80	5.56	0.01
21.30	5.63	5.39	0.01	23.90	5.80	5.56	0.01
21.35	5.63	5.39	0.01	23.95	5.81	5.57	0.01
21.40	5.64	5.40	0.01	24.00	5.81	5.57	0.01
21.45	5.64	5.40	0.01	24.05	5.81	5.57	0.01
21.50	5.64	5.40	0.01	24.10	5.81	5.57	0.01
21.55	5.65	5.41	0.01	24.15	5.81	5.57	0.01
21.60	5.65	5.41	0.01	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.01	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.01	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.01	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.01	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.01	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.01	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.01	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.01	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.01	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.01	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.01	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.01	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.01	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.01	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.01	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.01	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.01	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.01	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.01	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.01	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.01	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.01	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.01	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.01	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.01	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.01	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.01	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.01	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.01	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.01	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.01	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.01	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.01	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.01	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.01	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

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

Summary for Subcatchment 17AP: PDA-17A (pervious)

Runoff = 3.78 cfs @ 12.18 hrs, Volume= 0.285 af, Depth= 3.03"
 Routed to Pond B-17A : Basin #17A

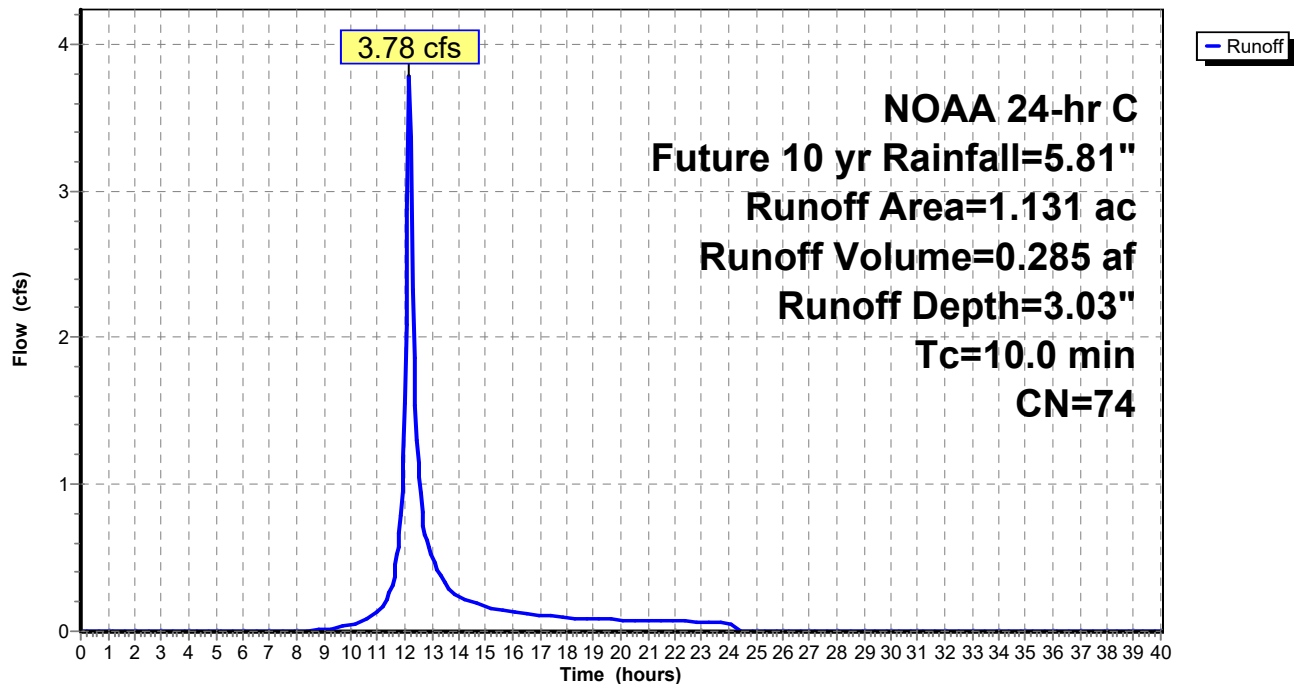
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.131	74	>75% Grass cover, Good, HSG C
1.131		100.00% Pervious Area

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

Subcatchment 17AP: PDA-17A (pervious)

Hydrograph



Hydrograph for Subcatchment 17AP: PDA-17A (pervious)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.05
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.06
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.06
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.51
10.45	1.18	0.06	0.07	13.05	4.44	1.93	0.48
10.50	1.20	0.06	0.07	13.10	4.46	1.94	0.46
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.43
10.60	1.23	0.07	0.08	13.20	4.50	1.98	0.41
10.65	1.25	0.07	0.08	13.25	4.52	1.99	0.39
10.70	1.27	0.08	0.09	13.30	4.54	2.01	0.38
10.75	1.29	0.08	0.10	13.35	4.56	2.02	0.36
10.80	1.31	0.09	0.10	13.40	4.58	2.03	0.35
10.85	1.33	0.09	0.11	13.45	4.60	2.05	0.33
10.90	1.35	0.10	0.12	13.50	4.61	2.06	0.32
10.95	1.37	0.11	0.13	13.55	4.63	2.07	0.30
11.00	1.39	0.11	0.14	13.60	4.64	2.08	0.29
11.05	1.42	0.12	0.14	13.65	4.66	2.09	0.28
11.10	1.45	0.13	0.16	13.70	4.67	2.10	0.27
11.15	1.48	0.14	0.17	13.75	4.68	2.12	0.26
11.20	1.51	0.15	0.19	13.80	4.70	2.13	0.25
11.25	1.54	0.16	0.20	13.85	4.71	2.14	0.25
11.30	1.57	0.17	0.22	13.90	4.72	2.15	0.25
11.35	1.61	0.18	0.24	13.95	4.74	2.16	0.24
11.40	1.64	0.20	0.26	14.00	4.75	2.17	0.24
11.45	1.68	0.21	0.28	14.05	4.76	2.18	0.24
11.50	1.72	0.23	0.29	14.10	4.78	2.19	0.23
11.55	1.78	0.25	0.32	14.15	4.79	2.20	0.23
11.60	1.83	0.28	0.37	14.20	4.80	2.21	0.22
11.65	1.90	0.30	0.45	14.25	4.81	2.21	0.22
11.70	1.96	0.33	0.52	14.30	4.82	2.22	0.22
11.75	2.04	0.37	0.58	14.35	4.83	2.23	0.21
11.80	2.13	0.41	0.67	14.40	4.85	2.24	0.21
11.85	2.25	0.47	0.79	14.45	4.86	2.25	0.21
11.90	2.36	0.53	0.96	14.50	4.87	2.26	0.20
11.95	2.57	0.65	1.18	14.55	4.88	2.27	0.20
12.00	2.77	0.77	1.56	14.60	4.89	2.27	0.19
12.05	3.11	0.98	2.09	14.65	4.90	2.28	0.19
12.10	3.45	1.20	2.87	14.70	4.91	2.29	0.19
12.15	3.56	1.28	3.68	14.75	4.92	2.30	0.18
12.20	3.68	1.37	3.71	14.80	4.93	2.31	0.18
12.25	3.77	1.43	3.02	14.85	4.94	2.31	0.18
12.30	3.85	1.49	2.33	14.90	4.94	2.32	0.17
12.35	3.91	1.53	1.86	14.95	4.95	2.33	0.17
12.40	3.98	1.58	1.54	15.00	4.96	2.33	0.16
12.45	4.03	1.62	1.30	15.05	4.97	2.34	0.16
12.50	4.09	1.67	1.15	15.10	4.98	2.35	0.16
12.55	4.13	1.69	1.05	15.15	4.99	2.35	0.15
12.60	4.17	1.72	0.94	15.20	4.99	2.36	0.15
12.65	4.20	1.75	0.81	15.25	5.00	2.37	0.15
12.70	4.24	1.77	0.72	15.30	5.01	2.37	0.15
12.75	4.27	1.80	0.66	15.35	5.02	2.38	0.15
12.80	4.30	1.82	0.62	15.40	5.03	2.38	0.14
12.85	4.33	1.85	0.59	15.45	5.03	2.39	0.14
12.90	4.36	1.87	0.56	15.50	5.04	2.40	0.14
12.95	4.39	1.89	0.53	15.55	5.05	2.40	0.14

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.14	18.20	5.37	2.66	0.09
15.65	5.06	2.41	0.14	18.25	5.37	2.67	0.09
15.70	5.07	2.42	0.14	18.30	5.38	2.67	0.09
15.75	5.08	2.43	0.14	18.35	5.38	2.67	0.09
15.80	5.09	2.43	0.14	18.40	5.39	2.68	0.09
15.85	5.09	2.44	0.14	18.45	5.39	2.68	0.09
15.90	5.10	2.44	0.13	18.50	5.40	2.68	0.09
15.95	5.11	2.45	0.13	18.55	5.40	2.69	0.09
16.00	5.11	2.46	0.13	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.13	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.13	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.13	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.13	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.13	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.13	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.13	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.12	19.00	5.44	2.72	0.08
16.45	5.17	2.50	0.12	19.05	5.44	2.72	0.08
16.50	5.18	2.51	0.12	19.10	5.45	2.73	0.08
16.55	5.19	2.52	0.12	19.15	5.45	2.73	0.08
16.60	5.19	2.52	0.12	19.20	5.46	2.73	0.08
16.65	5.20	2.53	0.12	19.25	5.46	2.74	0.08
16.70	5.21	2.53	0.12	19.30	5.47	2.74	0.08
16.75	5.21	2.54	0.12	19.35	5.47	2.75	0.08
16.80	5.22	2.54	0.12	19.40	5.48	2.75	0.08
16.85	5.23	2.55	0.11	19.45	5.48	2.75	0.08
16.90	5.23	2.55	0.11	19.50	5.48	2.76	0.08
16.95	5.24	2.55	0.11	19.55	5.49	2.76	0.08
17.00	5.24	2.56	0.11	19.60	5.49	2.76	0.08
17.05	5.25	2.56	0.11	19.65	5.50	2.77	0.08
17.10	5.25	2.57	0.11	19.70	5.50	2.77	0.08
17.15	5.26	2.57	0.11	19.75	5.50	2.77	0.08
17.20	5.27	2.58	0.11	19.80	5.51	2.78	0.08
17.25	5.27	2.58	0.11	19.85	5.51	2.78	0.08
17.30	5.28	2.59	0.11	19.90	5.52	2.78	0.08
17.35	5.28	2.59	0.10	19.95	5.52	2.79	0.08
17.40	5.29	2.60	0.10	20.00	5.53	2.79	0.08
17.45	5.29	2.60	0.10	20.05	5.53	2.79	0.08
17.50	5.30	2.61	0.10	20.10	5.53	2.80	0.08
17.55	5.30	2.61	0.10	20.15	5.54	2.80	0.08
17.60	5.31	2.61	0.10	20.20	5.54	2.80	0.08
17.65	5.31	2.62	0.10	20.25	5.55	2.81	0.08
17.70	5.32	2.62	0.10	20.30	5.55	2.81	0.08
17.75	5.33	2.63	0.10	20.35	5.55	2.81	0.08
17.80	5.33	2.63	0.10	20.40	5.56	2.82	0.08
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.08
17.90	5.34	2.64	0.09	20.50	5.57	2.82	0.08
17.95	5.34	2.64	0.09	20.55	5.57	2.83	0.08
18.00	5.35	2.65	0.09	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.09	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.09	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.09	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.06
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.06
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.06
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.06
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.06
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.06
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.06
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.06
21.20	5.62	2.87	0.07	23.80	5.80	3.01	0.06
21.25	5.62	2.87	0.07	23.85	5.80	3.02	0.06
21.30	5.63	2.87	0.07	23.90	5.80	3.02	0.06
21.35	5.63	2.88	0.07	23.95	5.81	3.02	0.06
21.40	5.64	2.88	0.07	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.07	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.07	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.07	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.07	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.07	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.07	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.07	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.07	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.07	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.07	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.07	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.07	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.07	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.07	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.07	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.07	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.07	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.07	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.07	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.07	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.07	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.06	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.06	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

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

Summary for Subcatchment 17BI: PDA-17B (impervious)

Runoff = 2.72 cfs @ 12.17 hrs, Volume= 0.239 af, Depth= 5.57"
 Routed to Pond B-17B : Basin #17B

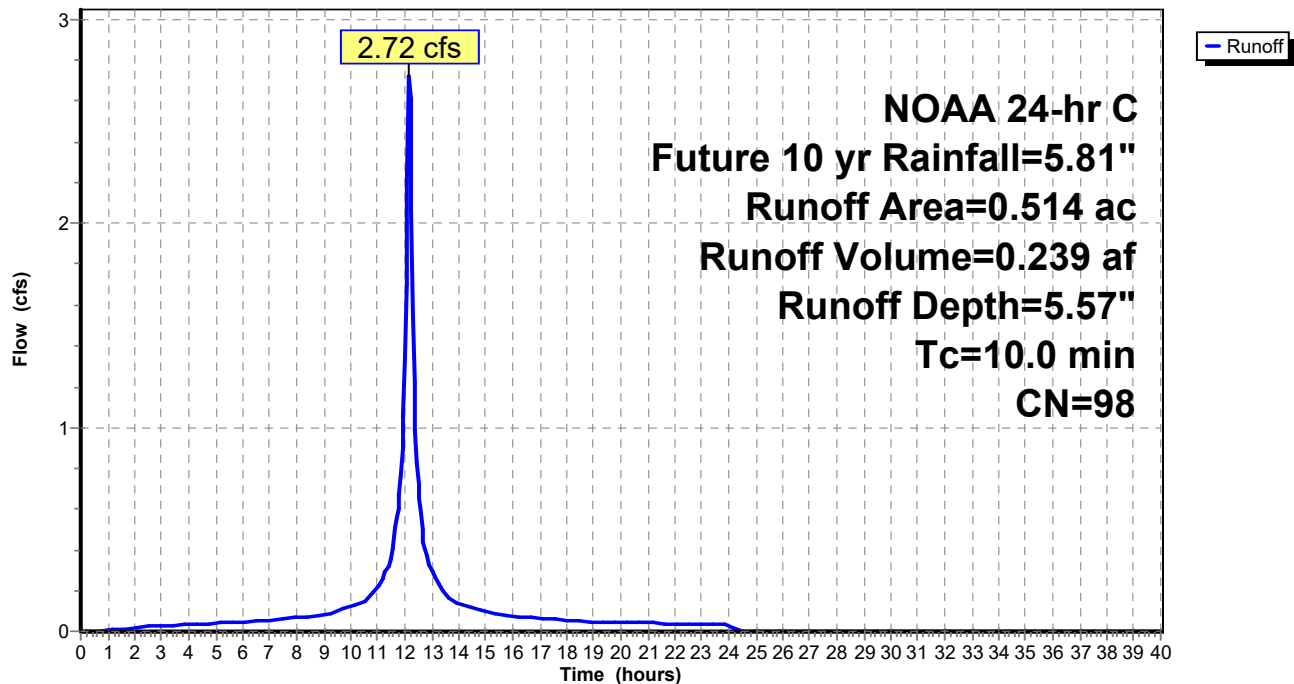
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.514	98	Roof, HSG C
0.514		100.00% Impervious Area

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

Subcatchment 17BI: PDA-17B (impervious)

Hydrograph



Hydrograph for Subcatchment 17BI: PDA-17B (impervious)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.14	13.00	4.42	4.18	0.30
10.45	1.18	0.97	0.14	13.05	4.44	4.20	0.29
10.50	1.20	0.98	0.14	13.10	4.46	4.23	0.27
10.55	1.21	1.00	0.15	13.15	4.48	4.25	0.26
10.60	1.23	1.02	0.15	13.20	4.50	4.27	0.24
10.65	1.25	1.03	0.16	13.25	4.52	4.29	0.23
10.70	1.27	1.05	0.17	13.30	4.54	4.31	0.22
10.75	1.29	1.07	0.17	13.35	4.56	4.33	0.21
10.80	1.31	1.09	0.18	13.40	4.58	4.34	0.20
10.85	1.33	1.11	0.19	13.45	4.60	4.36	0.20
10.90	1.35	1.13	0.20	13.50	4.61	4.38	0.19
10.95	1.37	1.15	0.21	13.55	4.63	4.39	0.18
11.00	1.39	1.18	0.22	13.60	4.64	4.41	0.17
11.05	1.42	1.20	0.23	13.65	4.66	4.42	0.16
11.10	1.45	1.23	0.24	13.70	4.67	4.43	0.16
11.15	1.48	1.26	0.25	13.75	4.68	4.45	0.15
11.20	1.51	1.29	0.27	13.80	4.70	4.46	0.15
11.25	1.54	1.32	0.28	13.85	4.71	4.48	0.15
11.30	1.57	1.35	0.30	13.90	4.72	4.49	0.14
11.35	1.61	1.38	0.31	13.95	4.74	4.50	0.14
11.40	1.64	1.42	0.33	14.00	4.75	4.51	0.14
11.45	1.68	1.46	0.35	14.05	4.76	4.53	0.14
11.50	1.72	1.49	0.36	14.10	4.78	4.54	0.13
11.55	1.78	1.55	0.38	14.15	4.79	4.55	0.13
11.60	1.83	1.61	0.43	14.20	4.80	4.56	0.13
11.65	1.90	1.67	0.50	14.25	4.81	4.57	0.13
11.70	1.96	1.73	0.56	14.30	4.82	4.59	0.13
11.75	2.04	1.82	0.61	14.35	4.83	4.60	0.12
11.80	2.13	1.90	0.67	14.40	4.85	4.61	0.12
11.85	2.25	2.02	0.77	14.45	4.86	4.62	0.12
11.90	2.36	2.13	0.89	14.50	4.87	4.63	0.12
11.95	2.57	2.34	1.06	14.55	4.88	4.64	0.11
12.00	2.77	2.54	1.33	14.60	4.89	4.65	0.11
12.05	3.11	2.88	1.70	14.65	4.90	4.66	0.11
12.10	3.45	3.21	2.21	14.70	4.91	4.67	0.11
12.15	3.56	3.33	2.69	14.75	4.92	4.68	0.10
12.20	3.68	3.45	2.61	14.80	4.93	4.69	0.10
12.25	3.77	3.53	2.07	14.85	4.94	4.70	0.10
12.30	3.85	3.62	1.56	14.90	4.94	4.71	0.10
12.35	3.91	3.68	1.22	14.95	4.95	4.72	0.10
12.40	3.98	3.74	0.99	15.00	4.96	4.72	0.09
12.45	4.03	3.80	0.83	15.05	4.97	4.73	0.09
12.50	4.09	3.86	0.72	15.10	4.98	4.74	0.09
12.55	4.13	3.90	0.66	15.15	4.99	4.75	0.09
12.60	4.17	3.93	0.58	15.20	4.99	4.76	0.09
12.65	4.20	3.97	0.50	15.25	5.00	4.76	0.08
12.70	4.24	4.00	0.44	15.30	5.01	4.77	0.08
12.75	4.27	4.04	0.40	15.35	5.02	4.78	0.08
12.80	4.30	4.07	0.38	15.40	5.03	4.79	0.08
12.85	4.33	4.10	0.36	15.45	5.03	4.80	0.08
12.90	4.36	4.13	0.34	15.50	5.04	4.80	0.08
12.95	4.39	4.15	0.32	15.55	5.05	4.81	0.08

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

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

Summary for Subcatchment 17BP: PDA-17B (pervious)

Runoff = 2.91 cfs @ 12.18 hrs, Volume= 0.220 af, Depth= 3.03"
 Routed to Pond B-17B : Basin #17B

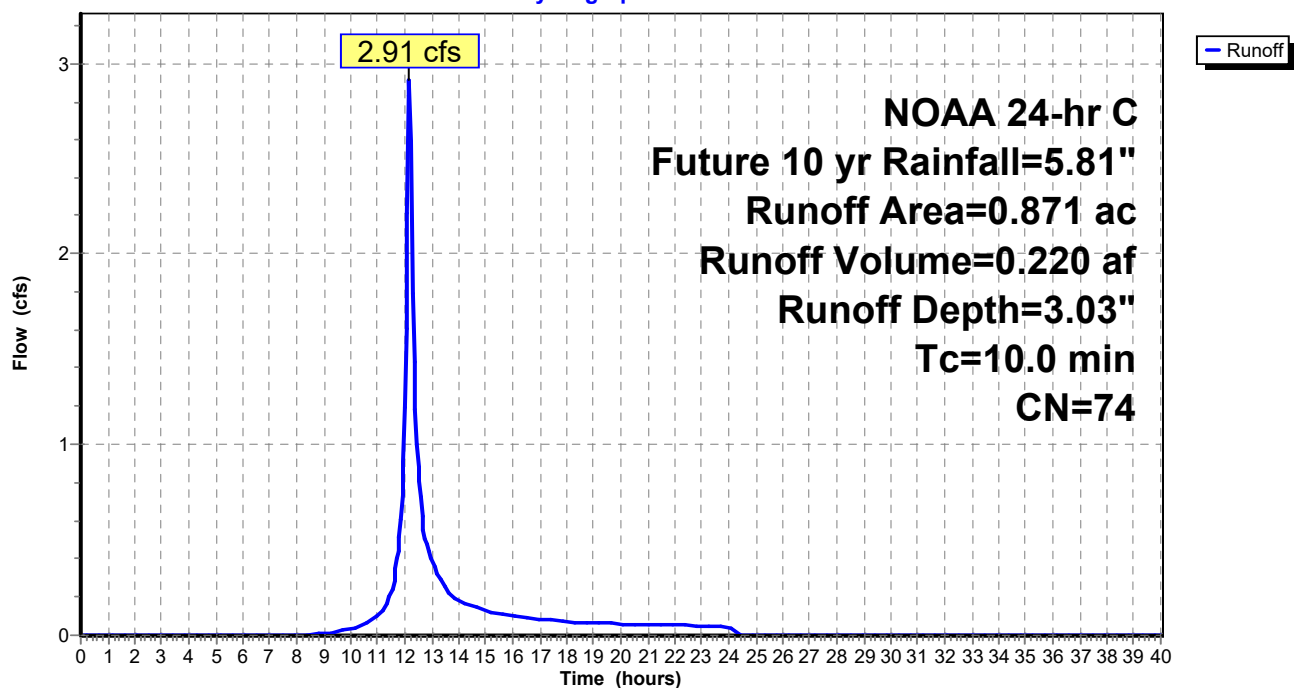
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.871	74	>75% Grass cover, Good, HSG C
0.871		100.00% Pervious Area

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

Subcatchment 17BP: PDA-17B (pervious)

Hydrograph



Hydrograph for Subcatchment 17BP: PDA-17B (pervious)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.39
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.37
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.35
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.33
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.32
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.30
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.29
10.75	1.29	0.08	0.07	13.35	4.56	2.02	0.28
10.80	1.31	0.09	0.08	13.40	4.58	2.03	0.27
10.85	1.33	0.09	0.08	13.45	4.60	2.05	0.26
10.90	1.35	0.10	0.09	13.50	4.61	2.06	0.25
10.95	1.37	0.11	0.10	13.55	4.63	2.07	0.23
11.00	1.39	0.11	0.10	13.60	4.64	2.08	0.22
11.05	1.42	0.12	0.11	13.65	4.66	2.09	0.21
11.10	1.45	0.13	0.12	13.70	4.67	2.10	0.21
11.15	1.48	0.14	0.13	13.75	4.68	2.12	0.20
11.20	1.51	0.15	0.14	13.80	4.70	2.13	0.20
11.25	1.54	0.16	0.15	13.85	4.71	2.14	0.19
11.30	1.57	0.17	0.17	13.90	4.72	2.15	0.19
11.35	1.61	0.18	0.18	13.95	4.74	2.16	0.19
11.40	1.64	0.20	0.20	14.00	4.75	2.17	0.18
11.45	1.68	0.21	0.21	14.05	4.76	2.18	0.18
11.50	1.72	0.23	0.23	14.10	4.78	2.19	0.18
11.55	1.78	0.25	0.25	14.15	4.79	2.20	0.18
11.60	1.83	0.28	0.29	14.20	4.80	2.21	0.17
11.65	1.90	0.30	0.35	14.25	4.81	2.21	0.17
11.70	1.96	0.33	0.40	14.30	4.82	2.22	0.17
11.75	2.04	0.37	0.45	14.35	4.83	2.23	0.16
11.80	2.13	0.41	0.51	14.40	4.85	2.24	0.16
11.85	2.25	0.47	0.61	14.45	4.86	2.25	0.16
11.90	2.36	0.53	0.74	14.50	4.87	2.26	0.16
11.95	2.57	0.65	0.91	14.55	4.88	2.27	0.15
12.00	2.77	0.77	1.20	14.60	4.89	2.27	0.15
12.05	3.11	0.98	1.61	14.65	4.90	2.28	0.15
12.10	3.45	1.20	2.21	14.70	4.91	2.29	0.14
12.15	3.56	1.28	2.83	14.75	4.92	2.30	0.14
12.20	3.68	1.37	2.85	14.80	4.93	2.31	0.14
12.25	3.77	1.43	2.32	14.85	4.94	2.31	0.14
12.30	3.85	1.49	1.79	14.90	4.94	2.32	0.13
12.35	3.91	1.53	1.43	14.95	4.95	2.33	0.13
12.40	3.98	1.58	1.18	15.00	4.96	2.33	0.13
12.45	4.03	1.62	1.00	15.05	4.97	2.34	0.12
12.50	4.09	1.67	0.88	15.10	4.98	2.35	0.12
12.55	4.13	1.69	0.81	15.15	4.99	2.35	0.12
12.60	4.17	1.72	0.73	15.20	4.99	2.36	0.12
12.65	4.20	1.75	0.63	15.25	5.00	2.37	0.11
12.70	4.24	1.77	0.55	15.30	5.01	2.37	0.11
12.75	4.27	1.80	0.51	15.35	5.02	2.38	0.11
12.80	4.30	1.82	0.48	15.40	5.03	2.38	0.11
12.85	4.33	1.85	0.45	15.45	5.03	2.39	0.11
12.90	4.36	1.87	0.43	15.50	5.04	2.40	0.11
12.95	4.39	1.89	0.41	15.55	5.05	2.40	0.11

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.11	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.11	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.11	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.11	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.10	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.10	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.10	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.10	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.10	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.10	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.10	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.10	18.75	5.42	2.70	0.06
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.06
16.25	5.15	2.48	0.10	18.85	5.43	2.71	0.06
16.30	5.16	2.49	0.10	18.90	5.43	2.71	0.06
16.35	5.16	2.49	0.10	18.95	5.44	2.72	0.06
16.40	5.17	2.50	0.10	19.00	5.44	2.72	0.06
16.45	5.17	2.50	0.09	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.09	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.09	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.09	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.09	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.09	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.09	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.09	19.50	5.48	2.76	0.06
16.95	5.24	2.55	0.09	19.55	5.49	2.76	0.06
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.06
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.06
17.10	5.25	2.57	0.08	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.08	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.08	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.08	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.08	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.08	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.08	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.07	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.07	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.07	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.07	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.05	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.05	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.05	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.05	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

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

Summary for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Runoff = 25.63 cfs @ 12.16 hrs, Volume= 1.995 af, Depth= 4.88"
 Routed to Link PDA-1OF : PDA-1 (offsite)

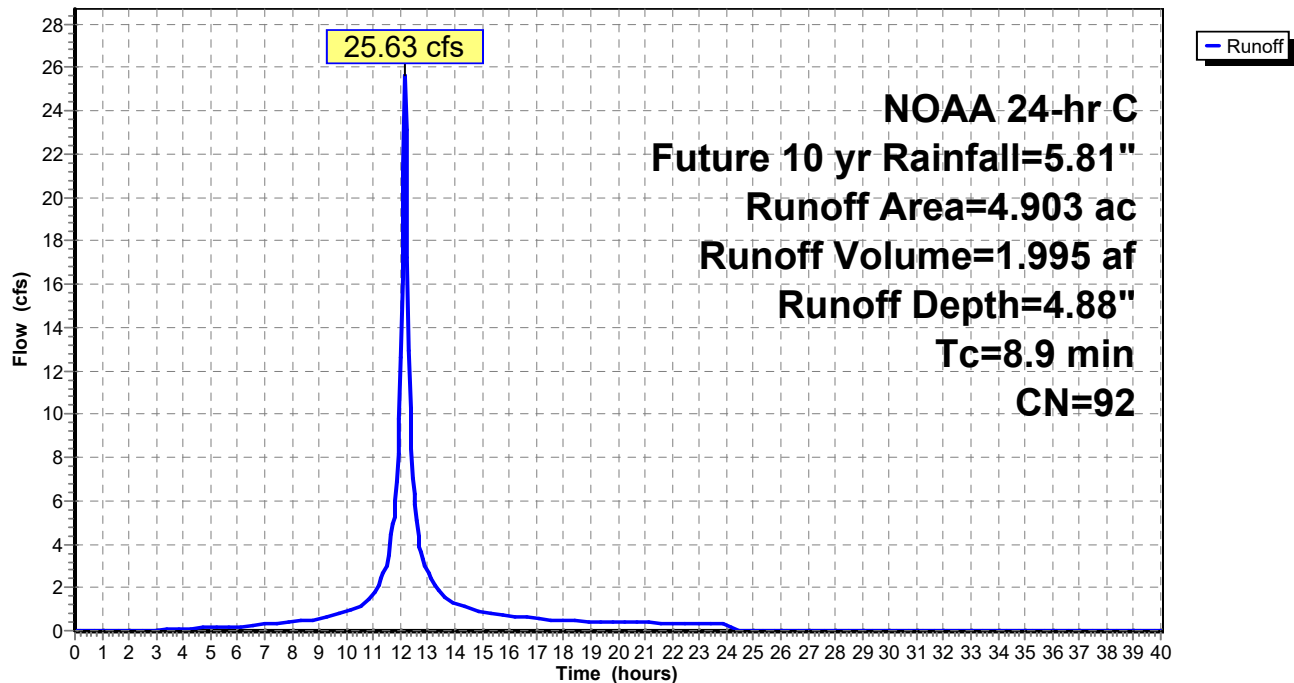
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
4.536	92	Paved roads w/open ditches, 50% imp, HSG C
* 0.367	98	Roofs
4.903	92	Weighted Average
2.268		46.26% Pervious Area
2.635		53.74% Impervious Area

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

Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

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

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.04	0.15	7.80	0.67	0.18	0.38
5.25	0.39	0.04	0.15	7.85	0.68	0.18	0.39
5.30	0.40	0.05	0.15	7.90	0.68	0.19	0.40
5.35	0.40	0.05	0.16	7.95	0.69	0.19	0.40
5.40	0.41	0.05	0.16	8.00	0.70	0.20	0.41
5.45	0.41	0.05	0.16	8.05	0.70	0.20	0.41
5.50	0.41	0.05	0.17	8.10	0.71	0.20	0.42
5.55	0.42	0.05	0.17	8.15	0.72	0.21	0.43
5.60	0.42	0.06	0.17	8.20	0.72	0.21	0.43
5.65	0.43	0.06	0.17	8.25	0.73	0.22	0.44
5.70	0.43	0.06	0.18	8.30	0.74	0.22	0.45
5.75	0.44	0.06	0.18	8.35	0.75	0.23	0.45
5.80	0.44	0.06	0.18	8.40	0.75	0.23	0.46
5.85	0.45	0.07	0.19	8.45	0.76	0.24	0.46
5.90	0.45	0.07	0.19	8.50	0.77	0.24	0.47
5.95	0.46	0.07	0.19	8.55	0.78	0.25	0.48
6.00	0.46	0.07	0.19	8.60	0.78	0.25	0.48
6.05	0.47	0.07	0.20	8.65	0.79	0.26	0.49
6.10	0.47	0.08	0.20	8.70	0.80	0.26	0.50
6.15	0.47	0.08	0.20	8.75	0.81	0.27	0.50
6.20	0.48	0.08	0.21	8.80	0.82	0.27	0.51
6.25	0.48	0.08	0.21	8.85	0.82	0.28	0.52
6.30	0.49	0.08	0.22	8.90	0.83	0.28	0.52
6.35	0.50	0.09	0.22	8.95	0.84	0.29	0.53
6.40	0.50	0.09	0.23	9.00	0.85	0.29	0.54
6.45	0.51	0.09	0.23	9.05	0.86	0.30	0.54
6.50	0.51	0.09	0.24	9.10	0.87	0.31	0.56
6.55	0.52	0.10	0.24	9.15	0.87	0.31	0.57
6.60	0.52	0.10	0.25	9.20	0.88	0.32	0.59
6.65	0.53	0.10	0.25	9.25	0.89	0.33	0.60
6.70	0.53	0.10	0.26	9.30	0.90	0.33	0.62
6.75	0.54	0.11	0.26	9.35	0.91	0.34	0.64
6.80	0.54	0.11	0.27	9.40	0.92	0.35	0.66
6.85	0.55	0.11	0.27	9.45	0.93	0.35	0.68
6.90	0.56	0.12	0.28	9.50	0.94	0.36	0.70
6.95	0.56	0.12	0.29	9.55	0.95	0.37	0.71
7.00	0.57	0.12	0.29	9.60	0.96	0.38	0.73
7.05	0.57	0.13	0.30	9.65	0.98	0.38	0.75
7.10	0.58	0.13	0.30	9.70	0.99	0.39	0.77
7.15	0.58	0.13	0.31	9.75	1.00	0.40	0.79
7.20	0.59	0.14	0.31	9.80	1.01	0.41	0.81
7.25	0.60	0.14	0.32	9.85	1.02	0.42	0.83
7.30	0.60	0.14	0.32	9.90	1.03	0.43	0.85
7.35	0.61	0.15	0.33	9.95	1.05	0.44	0.87
7.40	0.62	0.15	0.34	10.00	1.06	0.45	0.89
7.45	0.62	0.15	0.34	10.05	1.07	0.46	0.91
7.50	0.63	0.16	0.35	10.10	1.09	0.47	0.93
7.55	0.64	0.16	0.35	10.15	1.10	0.48	0.95
7.60	0.64	0.16	0.36	10.20	1.11	0.49	0.98
7.65	0.65	0.17	0.36	10.25	1.13	0.50	1.00
7.70	0.65	0.17	0.37	10.30	1.14	0.51	1.02
7.75	0.66	0.18	0.38	10.35	1.15	0.52	1.04

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.53	1.06	13.00	4.42	3.52	2.77
10.45	1.18	0.54	1.08	13.05	4.44	3.54	2.62
10.50	1.20	0.55	1.10	13.10	4.46	3.56	2.47
10.55	1.21	0.57	1.13	13.15	4.48	3.59	2.33
10.60	1.23	0.58	1.18	13.20	4.50	3.61	2.22
10.65	1.25	0.59	1.24	13.25	4.52	3.63	2.12
10.70	1.27	0.61	1.30	13.30	4.54	3.64	2.04
10.75	1.29	0.62	1.37	13.35	4.56	3.66	1.95
10.80	1.31	0.64	1.44	13.40	4.58	3.68	1.87
10.85	1.33	0.66	1.52	13.45	4.60	3.70	1.79
10.90	1.35	0.67	1.59	13.50	4.61	3.71	1.71
10.95	1.37	0.69	1.67	13.55	4.63	3.73	1.63
11.00	1.39	0.71	1.74	13.60	4.64	3.74	1.55
11.05	1.42	0.73	1.82	13.65	4.66	3.75	1.48
11.10	1.45	0.76	1.93	13.70	4.67	3.77	1.43
11.15	1.48	0.78	2.05	13.75	4.68	3.78	1.40
11.20	1.51	0.81	2.19	13.80	4.70	3.79	1.37
11.25	1.54	0.83	2.33	13.85	4.71	3.81	1.35
11.30	1.57	0.86	2.47	13.90	4.72	3.82	1.32
11.35	1.61	0.89	2.61	13.95	4.74	3.83	1.30
11.40	1.64	0.92	2.76	14.00	4.75	3.85	1.28
11.45	1.68	0.95	2.90	14.05	4.76	3.86	1.26
11.50	1.72	0.99	3.03	14.10	4.78	3.87	1.24
11.55	1.78	1.04	3.23	14.15	4.79	3.88	1.22
11.60	1.83	1.09	3.77	14.20	4.80	3.89	1.20
11.65	1.90	1.14	4.44	14.25	4.81	3.91	1.18
11.70	1.96	1.20	4.91	14.30	4.82	3.92	1.16
11.75	2.04	1.28	5.29	14.35	4.83	3.93	1.14
11.80	2.13	1.35	5.98	14.40	4.85	3.94	1.12
11.85	2.25	1.46	6.91	14.45	4.86	3.95	1.09
11.90	2.36	1.57	8.16	14.50	4.87	3.96	1.07
11.95	2.57	1.75	9.79	14.55	4.88	3.97	1.05
12.00	2.77	1.94	12.58	14.60	4.89	3.98	1.03
12.05	3.11	2.26	16.26	14.65	4.90	3.99	1.01
12.10	3.45	2.59	21.37	14.70	4.91	4.00	0.99
12.15	3.56	2.70	25.57	14.75	4.92	4.01	0.97
12.20	3.68	2.81	23.14	14.80	4.93	4.02	0.95
12.25	3.77	2.89	17.26	14.85	4.94	4.03	0.93
12.30	3.85	2.97	12.92	14.90	4.94	4.03	0.91
12.35	3.91	3.03	10.24	14.95	4.95	4.04	0.89
12.40	3.98	3.09	8.38	15.00	4.96	4.05	0.86
12.45	4.03	3.15	7.07	15.05	4.97	4.06	0.84
12.50	4.09	3.21	6.31	15.10	4.98	4.07	0.82
12.55	4.13	3.24	5.82	15.15	4.99	4.08	0.80
12.60	4.17	3.28	5.11	15.20	4.99	4.08	0.79
12.65	4.20	3.32	4.35	15.25	5.00	4.09	0.78
12.70	4.24	3.35	3.87	15.30	5.01	4.10	0.77
12.75	4.27	3.38	3.60	15.35	5.02	4.11	0.77
12.80	4.30	3.41	3.40	15.40	5.03	4.11	0.76
12.85	4.33	3.44	3.23	15.45	5.03	4.12	0.76
12.90	4.36	3.47	3.07	15.50	5.04	4.13	0.75
12.95	4.39	3.49	2.92	15.55	5.05	4.14	0.75

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.14	0.74	18.20	5.37	4.45	0.45
15.65	5.06	4.15	0.74	18.25	5.37	4.45	0.45
15.70	5.07	4.16	0.73	18.30	5.38	4.46	0.45
15.75	5.08	4.17	0.72	18.35	5.38	4.46	0.45
15.80	5.09	4.17	0.72	18.40	5.39	4.47	0.45
15.85	5.09	4.18	0.71	18.45	5.39	4.47	0.45
15.90	5.10	4.19	0.71	18.50	5.40	4.48	0.44
15.95	5.11	4.19	0.70	18.55	5.40	4.48	0.44
16.00	5.11	4.20	0.70	18.60	5.40	4.49	0.44
16.05	5.12	4.21	0.69	18.65	5.41	4.49	0.44
16.10	5.13	4.21	0.68	18.70	5.41	4.49	0.44
16.15	5.13	4.22	0.68	18.75	5.42	4.50	0.44
16.20	5.14	4.23	0.67	18.80	5.42	4.50	0.44
16.25	5.15	4.23	0.67	18.85	5.43	4.51	0.43
16.30	5.16	4.24	0.66	18.90	5.43	4.51	0.43
16.35	5.16	4.25	0.66	18.95	5.44	4.52	0.43
16.40	5.17	4.25	0.65	19.00	5.44	4.52	0.43
16.45	5.17	4.26	0.65	19.05	5.44	4.52	0.43
16.50	5.18	4.27	0.64	19.10	5.45	4.53	0.43
16.55	5.19	4.27	0.63	19.15	5.45	4.53	0.43
16.60	5.19	4.28	0.63	19.20	5.46	4.54	0.42
16.65	5.20	4.29	0.62	19.25	5.46	4.54	0.42
16.70	5.21	4.29	0.62	19.30	5.47	4.55	0.42
16.75	5.21	4.30	0.61	19.35	5.47	4.55	0.42
16.80	5.22	4.30	0.61	19.40	5.48	4.55	0.42
16.85	5.23	4.31	0.60	19.45	5.48	4.56	0.42
16.90	5.23	4.32	0.60	19.50	5.48	4.56	0.42
16.95	5.24	4.32	0.59	19.55	5.49	4.57	0.41
17.00	5.24	4.33	0.59	19.60	5.49	4.57	0.41
17.05	5.25	4.33	0.58	19.65	5.50	4.58	0.41
17.10	5.25	4.34	0.57	19.70	5.50	4.58	0.41
17.15	5.26	4.34	0.57	19.75	5.50	4.58	0.41
17.20	5.27	4.35	0.56	19.80	5.51	4.59	0.41
17.25	5.27	4.36	0.56	19.85	5.51	4.59	0.41
17.30	5.28	4.36	0.55	19.90	5.52	4.60	0.41
17.35	5.28	4.37	0.55	19.95	5.52	4.60	0.40
17.40	5.29	4.37	0.54	20.00	5.53	4.60	0.40
17.45	5.29	4.38	0.53	20.05	5.53	4.61	0.40
17.50	5.30	4.38	0.53	20.10	5.53	4.61	0.40
17.55	5.30	4.39	0.52	20.15	5.54	4.62	0.40
17.60	5.31	4.39	0.52	20.20	5.54	4.62	0.40
17.65	5.31	4.40	0.51	20.25	5.55	4.62	0.40
17.70	5.32	4.40	0.51	20.30	5.55	4.63	0.39
17.75	5.33	4.41	0.50	20.35	5.55	4.63	0.39
17.80	5.33	4.41	0.50	20.40	5.56	4.64	0.39
17.85	5.34	4.42	0.49	20.45	5.56	4.64	0.39
17.90	5.34	4.42	0.49	20.50	5.57	4.64	0.39
17.95	5.34	4.43	0.48	20.55	5.57	4.65	0.39
18.00	5.35	4.43	0.47	20.60	5.57	4.65	0.39
18.05	5.35	4.44	0.47	20.65	5.58	4.65	0.39
18.10	5.36	4.44	0.46	20.70	5.58	4.66	0.38
18.15	5.36	4.44	0.46	20.75	5.59	4.66	0.38

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	4.67	0.38	23.40	5.77	4.85	0.31
20.85	5.59	4.67	0.38	23.45	5.78	4.85	0.31
20.90	5.60	4.67	0.38	23.50	5.78	4.85	0.31
20.95	5.60	4.68	0.38	23.55	5.78	4.85	0.30
21.00	5.61	4.68	0.37	23.60	5.78	4.86	0.30
21.05	5.61	4.69	0.37	23.65	5.79	4.86	0.30
21.10	5.61	4.69	0.37	23.70	5.79	4.86	0.30
21.15	5.62	4.69	0.37	23.75	5.79	4.87	0.30
21.20	5.62	4.70	0.37	23.80	5.80	4.87	0.30
21.25	5.62	4.70	0.37	23.85	5.80	4.87	0.30
21.30	5.63	4.70	0.37	23.90	5.80	4.88	0.29
21.35	5.63	4.71	0.37	23.95	5.81	4.88	0.30
21.40	5.64	4.71	0.36	24.00	5.81	4.88	0.31
21.45	5.64	4.71	0.36	24.05	5.81	4.88	0.32
21.50	5.64	4.72	0.36	24.10	5.81	4.88	0.24
21.55	5.65	4.72	0.36	24.15	5.81	4.88	0.12
21.60	5.65	4.73	0.36	24.20	5.81	4.88	0.05
21.65	5.65	4.73	0.36	24.25	5.81	4.88	0.02
21.70	5.66	4.73	0.35	24.30	5.81	4.88	0.01
21.75	5.66	4.74	0.35	24.35	5.81	4.88	0.00
21.80	5.66	4.74	0.35	24.40	5.81	4.88	0.00
21.85	5.67	4.74	0.35	24.45	5.81	4.88	0.00
21.90	5.67	4.75	0.35	24.50	5.81	4.88	0.00
21.95	5.68	4.75	0.35	24.55	5.81	4.88	0.00
22.00	5.68	4.75	0.35	24.60	5.81	4.88	0.00
22.05	5.68	4.76	0.35	24.65	5.81	4.88	0.00
22.10	5.69	4.76	0.34	24.70	5.81	4.88	0.00
22.15	5.69	4.76	0.34	24.75	5.81	4.88	0.00
22.20	5.69	4.77	0.34	24.80	5.81	4.88	0.00
22.25	5.70	4.77	0.34	24.85	5.81	4.88	0.00
22.30	5.70	4.77	0.34	24.90	5.81	4.88	0.00
22.35	5.70	4.78	0.34	24.95	5.81	4.88	0.00
22.40	5.71	4.78	0.34	25.00	5.81	4.88	0.00
22.45	5.71	4.78	0.33	25.05	5.81	4.88	0.00
22.50	5.71	4.79	0.33	25.10	5.81	4.88	0.00
22.55	5.72	4.79	0.33	25.15	5.81	4.88	0.00
22.60	5.72	4.79	0.33	25.20	5.81	4.88	0.00
22.65	5.72	4.80	0.33	25.25	5.81	4.88	0.00
22.70	5.73	4.80	0.33	25.30	5.81	4.88	0.00
22.75	5.73	4.80	0.33	25.35	5.81	4.88	0.00
22.80	5.73	4.81	0.32	25.40	5.81	4.88	0.00
22.85	5.74	4.81	0.32	25.45	5.81	4.88	0.00
22.90	5.74	4.81	0.32	25.50	5.81	4.88	0.00
22.95	5.74	4.82	0.32	25.55	5.81	4.88	0.00
23.00	5.75	4.82	0.32	25.60	5.81	4.88	0.00
23.05	5.75	4.82	0.32	25.65	5.81	4.88	0.00
23.10	5.75	4.83	0.32	25.70	5.81	4.88	0.00
23.15	5.76	4.83	0.31	25.75	5.81	4.88	0.00
23.20	5.76	4.83	0.31	25.80	5.81	4.88	0.00
23.25	5.76	4.84	0.31	25.85	5.81	4.88	0.00
23.30	5.77	4.84	0.31	25.90	5.81	4.88	0.00
23.35	5.77	4.84	0.31	25.95	5.81	4.88	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	4.88	0.00	28.60	5.81	4.88	0.00
26.05	5.81	4.88	0.00	28.65	5.81	4.88	0.00
26.10	5.81	4.88	0.00	28.70	5.81	4.88	0.00
26.15	5.81	4.88	0.00	28.75	5.81	4.88	0.00
26.20	5.81	4.88	0.00	28.80	5.81	4.88	0.00
26.25	5.81	4.88	0.00	28.85	5.81	4.88	0.00
26.30	5.81	4.88	0.00	28.90	5.81	4.88	0.00
26.35	5.81	4.88	0.00	28.95	5.81	4.88	0.00
26.40	5.81	4.88	0.00	29.00	5.81	4.88	0.00
26.45	5.81	4.88	0.00	29.05	5.81	4.88	0.00
26.50	5.81	4.88	0.00	29.10	5.81	4.88	0.00
26.55	5.81	4.88	0.00	29.15	5.81	4.88	0.00
26.60	5.81	4.88	0.00	29.20	5.81	4.88	0.00
26.65	5.81	4.88	0.00	29.25	5.81	4.88	0.00
26.70	5.81	4.88	0.00	29.30	5.81	4.88	0.00
26.75	5.81	4.88	0.00	29.35	5.81	4.88	0.00
26.80	5.81	4.88	0.00	29.40	5.81	4.88	0.00
26.85	5.81	4.88	0.00	29.45	5.81	4.88	0.00
26.90	5.81	4.88	0.00	29.50	5.81	4.88	0.00
26.95	5.81	4.88	0.00	29.55	5.81	4.88	0.00
27.00	5.81	4.88	0.00	29.60	5.81	4.88	0.00
27.05	5.81	4.88	0.00	29.65	5.81	4.88	0.00
27.10	5.81	4.88	0.00	29.70	5.81	4.88	0.00
27.15	5.81	4.88	0.00	29.75	5.81	4.88	0.00
27.20	5.81	4.88	0.00	29.80	5.81	4.88	0.00
27.25	5.81	4.88	0.00	29.85	5.81	4.88	0.00
27.30	5.81	4.88	0.00	29.90	5.81	4.88	0.00
27.35	5.81	4.88	0.00	29.95	5.81	4.88	0.00
27.40	5.81	4.88	0.00	30.00	5.81	4.88	0.00
27.45	5.81	4.88	0.00	30.05	5.81	4.88	0.00
27.50	5.81	4.88	0.00	30.10	5.81	4.88	0.00
27.55	5.81	4.88	0.00	30.15	5.81	4.88	0.00
27.60	5.81	4.88	0.00	30.20	5.81	4.88	0.00
27.65	5.81	4.88	0.00	30.25	5.81	4.88	0.00
27.70	5.81	4.88	0.00	30.30	5.81	4.88	0.00
27.75	5.81	4.88	0.00	30.35	5.81	4.88	0.00
27.80	5.81	4.88	0.00	30.40	5.81	4.88	0.00
27.85	5.81	4.88	0.00	30.45	5.81	4.88	0.00
27.90	5.81	4.88	0.00	30.50	5.81	4.88	0.00
27.95	5.81	4.88	0.00	30.55	5.81	4.88	0.00
28.00	5.81	4.88	0.00	30.60	5.81	4.88	0.00
28.05	5.81	4.88	0.00	30.65	5.81	4.88	0.00
28.10	5.81	4.88	0.00	30.70	5.81	4.88	0.00
28.15	5.81	4.88	0.00	30.75	5.81	4.88	0.00
28.20	5.81	4.88	0.00	30.80	5.81	4.88	0.00
28.25	5.81	4.88	0.00	30.85	5.81	4.88	0.00
28.30	5.81	4.88	0.00	30.90	5.81	4.88	0.00
28.35	5.81	4.88	0.00	30.95	5.81	4.88	0.00
28.40	5.81	4.88	0.00	31.00	5.81	4.88	0.00
28.45	5.81	4.88	0.00	31.05	5.81	4.88	0.00
28.50	5.81	4.88	0.00	31.10	5.81	4.88	0.00
28.55	5.81	4.88	0.00	31.15	5.81	4.88	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	4.88	0.00	33.80	5.81	4.88	0.00
31.25	5.81	4.88	0.00	33.85	5.81	4.88	0.00
31.30	5.81	4.88	0.00	33.90	5.81	4.88	0.00
31.35	5.81	4.88	0.00	33.95	5.81	4.88	0.00
31.40	5.81	4.88	0.00	34.00	5.81	4.88	0.00
31.45	5.81	4.88	0.00	34.05	5.81	4.88	0.00
31.50	5.81	4.88	0.00	34.10	5.81	4.88	0.00
31.55	5.81	4.88	0.00	34.15	5.81	4.88	0.00
31.60	5.81	4.88	0.00	34.20	5.81	4.88	0.00
31.65	5.81	4.88	0.00	34.25	5.81	4.88	0.00
31.70	5.81	4.88	0.00	34.30	5.81	4.88	0.00
31.75	5.81	4.88	0.00	34.35	5.81	4.88	0.00
31.80	5.81	4.88	0.00	34.40	5.81	4.88	0.00
31.85	5.81	4.88	0.00	34.45	5.81	4.88	0.00
31.90	5.81	4.88	0.00	34.50	5.81	4.88	0.00
31.95	5.81	4.88	0.00	34.55	5.81	4.88	0.00
32.00	5.81	4.88	0.00	34.60	5.81	4.88	0.00
32.05	5.81	4.88	0.00	34.65	5.81	4.88	0.00
32.10	5.81	4.88	0.00	34.70	5.81	4.88	0.00
32.15	5.81	4.88	0.00	34.75	5.81	4.88	0.00
32.20	5.81	4.88	0.00	34.80	5.81	4.88	0.00
32.25	5.81	4.88	0.00	34.85	5.81	4.88	0.00
32.30	5.81	4.88	0.00	34.90	5.81	4.88	0.00
32.35	5.81	4.88	0.00	34.95	5.81	4.88	0.00
32.40	5.81	4.88	0.00	35.00	5.81	4.88	0.00
32.45	5.81	4.88	0.00	35.05	5.81	4.88	0.00
32.50	5.81	4.88	0.00	35.10	5.81	4.88	0.00
32.55	5.81	4.88	0.00	35.15	5.81	4.88	0.00
32.60	5.81	4.88	0.00	35.20	5.81	4.88	0.00
32.65	5.81	4.88	0.00	35.25	5.81	4.88	0.00
32.70	5.81	4.88	0.00	35.30	5.81	4.88	0.00
32.75	5.81	4.88	0.00	35.35	5.81	4.88	0.00
32.80	5.81	4.88	0.00	35.40	5.81	4.88	0.00
32.85	5.81	4.88	0.00	35.45	5.81	4.88	0.00
32.90	5.81	4.88	0.00	35.50	5.81	4.88	0.00
32.95	5.81	4.88	0.00	35.55	5.81	4.88	0.00
33.00	5.81	4.88	0.00	35.60	5.81	4.88	0.00
33.05	5.81	4.88	0.00	35.65	5.81	4.88	0.00
33.10	5.81	4.88	0.00	35.70	5.81	4.88	0.00
33.15	5.81	4.88	0.00	35.75	5.81	4.88	0.00
33.20	5.81	4.88	0.00	35.80	5.81	4.88	0.00
33.25	5.81	4.88	0.00	35.85	5.81	4.88	0.00
33.30	5.81	4.88	0.00	35.90	5.81	4.88	0.00
33.35	5.81	4.88	0.00	35.95	5.81	4.88	0.00
33.40	5.81	4.88	0.00	36.00	5.81	4.88	0.00
33.45	5.81	4.88	0.00	36.05	5.81	4.88	0.00
33.50	5.81	4.88	0.00	36.10	5.81	4.88	0.00
33.55	5.81	4.88	0.00	36.15	5.81	4.88	0.00
33.60	5.81	4.88	0.00	36.20	5.81	4.88	0.00
33.65	5.81	4.88	0.00	36.25	5.81	4.88	0.00
33.70	5.81	4.88	0.00	36.30	5.81	4.88	0.00
33.75	5.81	4.88	0.00	36.35	5.81	4.88	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	4.88	0.00	39.00	5.81	4.88	0.00
36.45	5.81	4.88	0.00	39.05	5.81	4.88	0.00
36.50	5.81	4.88	0.00	39.10	5.81	4.88	0.00
36.55	5.81	4.88	0.00	39.15	5.81	4.88	0.00
36.60	5.81	4.88	0.00	39.20	5.81	4.88	0.00
36.65	5.81	4.88	0.00	39.25	5.81	4.88	0.00
36.70	5.81	4.88	0.00	39.30	5.81	4.88	0.00
36.75	5.81	4.88	0.00	39.35	5.81	4.88	0.00
36.80	5.81	4.88	0.00	39.40	5.81	4.88	0.00
36.85	5.81	4.88	0.00	39.45	5.81	4.88	0.00
36.90	5.81	4.88	0.00	39.50	5.81	4.88	0.00
36.95	5.81	4.88	0.00	39.55	5.81	4.88	0.00
37.00	5.81	4.88	0.00	39.60	5.81	4.88	0.00
37.05	5.81	4.88	0.00	39.65	5.81	4.88	0.00
37.10	5.81	4.88	0.00	39.70	5.81	4.88	0.00
37.15	5.81	4.88	0.00	39.75	5.81	4.88	0.00
37.20	5.81	4.88	0.00	39.80	5.81	4.88	0.00
37.25	5.81	4.88	0.00	39.85	5.81	4.88	0.00
37.30	5.81	4.88	0.00	39.90	5.81	4.88	0.00
37.35	5.81	4.88	0.00	39.95	5.81	4.88	0.00
37.40	5.81	4.88	0.00	40.00	5.81	4.88	0.00
37.45	5.81	4.88	0.00				
37.50	5.81	4.88	0.00				
37.55	5.81	4.88	0.00				
37.60	5.81	4.88	0.00				
37.65	5.81	4.88	0.00				
37.70	5.81	4.88	0.00				
37.75	5.81	4.88	0.00				
37.80	5.81	4.88	0.00				
37.85	5.81	4.88	0.00				
37.90	5.81	4.88	0.00				
37.95	5.81	4.88	0.00				
38.00	5.81	4.88	0.00				
38.05	5.81	4.88	0.00				
38.10	5.81	4.88	0.00				
38.15	5.81	4.88	0.00				
38.20	5.81	4.88	0.00				
38.25	5.81	4.88	0.00				
38.30	5.81	4.88	0.00				
38.35	5.81	4.88	0.00				
38.40	5.81	4.88	0.00				
38.45	5.81	4.88	0.00				
38.50	5.81	4.88	0.00				
38.55	5.81	4.88	0.00				
38.60	5.81	4.88	0.00				
38.65	5.81	4.88	0.00				
38.70	5.81	4.88	0.00				
38.75	5.81	4.88	0.00				
38.80	5.81	4.88	0.00				
38.85	5.81	4.88	0.00				
38.90	5.81	4.88	0.00				
38.95	5.81	4.88	0.00				

Summary for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Runoff = 68.24 cfs @ 12.17 hrs, Volume= 4.953 af, Depth= 2.39"
 Routed to Link PDA-1OF : PDA-1 (offsite)

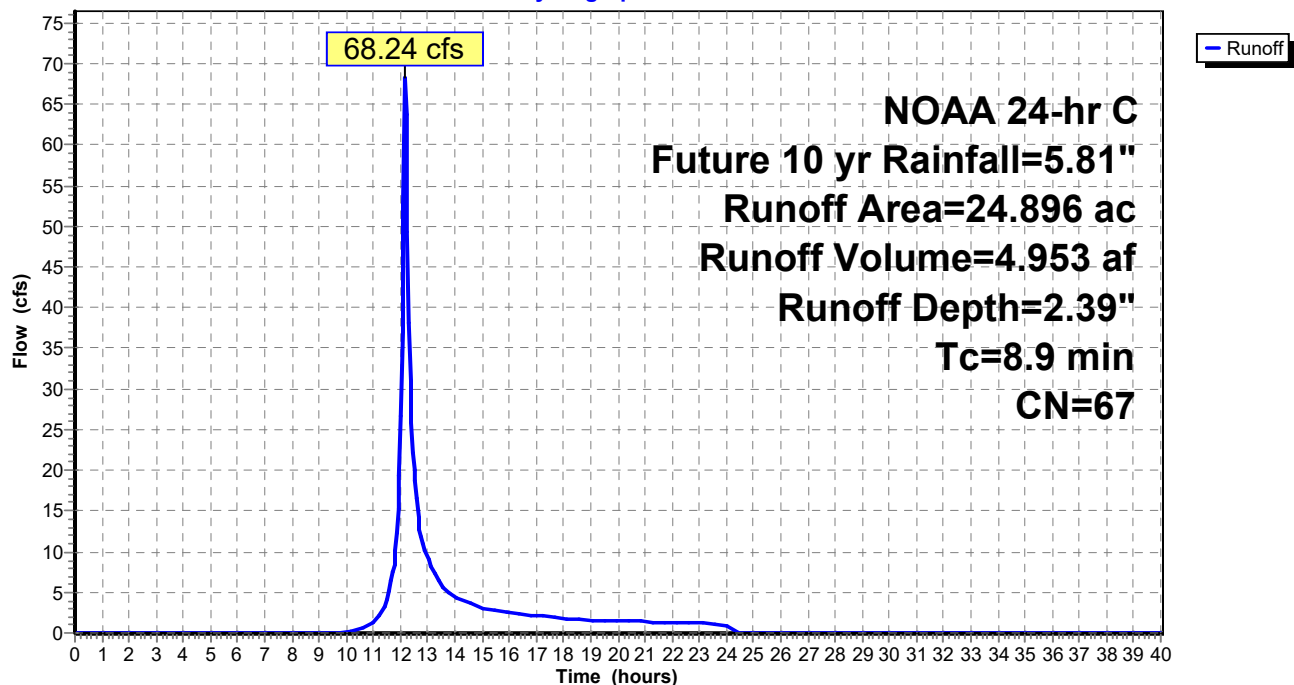
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
12.562	74	>75% Grass cover, Good, HSG C
8.540	55	Woods, Good, HSG B
3.700	70	Woods, Good, HSG C
0.094	77	Woods, Good, HSG D
24.896	67	Weighted Average
24.896		100.00% Pervious Area

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

Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

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

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.00	0.00
6.40	0.50	0.00	0.00	9.00	0.85	0.00	0.00
6.45	0.51	0.00	0.00	9.05	0.86	0.00	0.00
6.50	0.51	0.00	0.00	9.10	0.87	0.00	0.00
6.55	0.52	0.00	0.00	9.15	0.87	0.00	0.00
6.60	0.52	0.00	0.00	9.20	0.88	0.00	0.00
6.65	0.53	0.00	0.00	9.25	0.89	0.00	0.00
6.70	0.53	0.00	0.00	9.30	0.90	0.00	0.00
6.75	0.54	0.00	0.00	9.35	0.91	0.00	0.00
6.80	0.54	0.00	0.00	9.40	0.92	0.00	0.00
6.85	0.55	0.00	0.00	9.45	0.93	0.00	0.00
6.90	0.56	0.00	0.00	9.50	0.94	0.00	0.00
6.95	0.56	0.00	0.00	9.55	0.95	0.00	0.00
7.00	0.57	0.00	0.00	9.60	0.96	0.00	0.00
7.05	0.57	0.00	0.00	9.65	0.98	0.00	0.00
7.10	0.58	0.00	0.00	9.70	0.99	0.00	0.00
7.15	0.58	0.00	0.00	9.75	1.00	0.00	0.00
7.20	0.59	0.00	0.00	9.80	1.01	0.00	0.01
7.25	0.60	0.00	0.00	9.85	1.02	0.00	0.02
7.30	0.60	0.00	0.00	9.90	1.03	0.00	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.00	0.07
7.40	0.62	0.00	0.00	10.00	1.06	0.00	0.10
7.45	0.62	0.00	0.00	10.05	1.07	0.00	0.13
7.50	0.63	0.00	0.00	10.10	1.09	0.00	0.16
7.55	0.64	0.00	0.00	10.15	1.10	0.00	0.20
7.60	0.64	0.00	0.00	10.20	1.11	0.00	0.23
7.65	0.65	0.00	0.00	10.25	1.13	0.00	0.27
7.70	0.65	0.00	0.00	10.30	1.14	0.00	0.31
7.75	0.66	0.00	0.00	10.35	1.15	0.01	0.35

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.01	0.39	13.00	4.42	1.41	9.36
10.45	1.18	0.01	0.43	13.05	4.44	1.42	8.90
10.50	1.20	0.01	0.48	13.10	4.46	1.44	8.41
10.55	1.21	0.01	0.53	13.15	4.48	1.45	7.96
10.60	1.23	0.01	0.59	13.20	4.50	1.47	7.59
10.65	1.25	0.01	0.66	13.25	4.52	1.48	7.29
10.70	1.27	0.02	0.74	13.30	4.54	1.49	7.01
10.75	1.29	0.02	0.83	13.35	4.56	1.50	6.74
10.80	1.31	0.02	0.93	13.40	4.58	1.52	6.47
10.85	1.33	0.02	1.03	13.45	4.60	1.53	6.21
10.90	1.35	0.02	1.14	13.50	4.61	1.54	5.94
10.95	1.37	0.03	1.26	13.55	4.63	1.55	5.68
11.00	1.39	0.03	1.39	13.60	4.64	1.56	5.41
11.05	1.42	0.04	1.53	13.65	4.66	1.57	5.16
11.10	1.45	0.04	1.70	13.70	4.67	1.58	5.00
11.15	1.48	0.04	1.90	13.75	4.68	1.59	4.89
11.20	1.51	0.05	2.12	13.80	4.70	1.60	4.80
11.25	1.54	0.06	2.36	13.85	4.71	1.60	4.72
11.30	1.57	0.06	2.63	13.90	4.72	1.61	4.66
11.35	1.61	0.07	2.91	13.95	4.74	1.62	4.59
11.40	1.64	0.08	3.21	14.00	4.75	1.63	4.52
11.45	1.68	0.09	3.52	14.05	4.76	1.64	4.45
11.50	1.72	0.09	3.85	14.10	4.78	1.65	4.38
11.55	1.78	0.11	4.29	14.15	4.79	1.66	4.32
11.60	1.83	0.12	5.25	14.20	4.80	1.66	4.25
11.65	1.90	0.14	6.47	14.25	4.81	1.67	4.18
11.70	1.96	0.16	7.49	14.30	4.82	1.68	4.11
11.75	2.04	0.19	8.47	14.35	4.83	1.69	4.04
11.80	2.13	0.22	10.08	14.40	4.85	1.70	3.97
11.85	2.25	0.26	12.26	14.45	4.86	1.70	3.90
11.90	2.36	0.30	15.30	14.50	4.87	1.71	3.83
11.95	2.57	0.38	19.48	14.55	4.88	1.72	3.76
12.00	2.77	0.47	26.76	14.60	4.89	1.73	3.69
12.05	3.11	0.64	37.07	14.65	4.90	1.73	3.62
12.10	3.45	0.82	52.68	14.70	4.91	1.74	3.54
12.15	3.56	0.89	67.39	14.75	4.92	1.75	3.47
12.20	3.68	0.95	63.83	14.80	4.93	1.75	3.40
12.25	3.77	1.00	49.29	14.85	4.94	1.76	3.33
12.30	3.85	1.05	38.05	14.90	4.94	1.76	3.26
12.35	3.91	1.09	30.96	14.95	4.95	1.77	3.19
12.40	3.98	1.13	25.88	15.00	4.96	1.78	3.11
12.45	4.03	1.17	22.19	15.05	4.97	1.78	3.04
12.50	4.09	1.20	20.10	15.10	4.98	1.79	2.97
12.55	4.13	1.23	18.75	15.15	4.99	1.79	2.90
12.60	4.17	1.25	16.61	15.20	4.99	1.80	2.86
12.65	4.20	1.27	14.24	15.25	5.00	1.80	2.82
12.70	4.24	1.30	12.75	15.30	5.01	1.81	2.80
12.75	4.27	1.32	11.92	15.35	5.02	1.82	2.78
12.80	4.30	1.34	11.31	15.40	5.03	1.82	2.76
12.85	4.33	1.36	10.80	15.45	5.03	1.83	2.75
12.90	4.36	1.37	10.31	15.50	5.04	1.83	2.73
12.95	4.39	1.39	9.84	15.55	5.05	1.84	2.71

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	1.84	2.69	18.20	5.37	2.06	1.69
15.65	5.06	1.85	2.67	18.25	5.37	2.07	1.69
15.70	5.07	1.85	2.65	18.30	5.38	2.07	1.68
15.75	5.08	1.86	2.63	18.35	5.38	2.07	1.67
15.80	5.09	1.86	2.61	18.40	5.39	2.08	1.67
15.85	5.09	1.87	2.59	18.45	5.39	2.08	1.66
15.90	5.10	1.87	2.58	18.50	5.40	2.08	1.66
15.95	5.11	1.88	2.56	18.55	5.40	2.09	1.66
16.00	5.11	1.88	2.54	18.60	5.40	2.09	1.65
16.05	5.12	1.89	2.52	18.65	5.41	2.09	1.65
16.10	5.13	1.89	2.50	18.70	5.41	2.10	1.64
16.15	5.13	1.90	2.49	18.75	5.42	2.10	1.64
16.20	5.14	1.90	2.47	18.80	5.42	2.10	1.63
16.25	5.15	1.91	2.45	18.85	5.43	2.11	1.63
16.30	5.16	1.91	2.43	18.90	5.43	2.11	1.62
16.35	5.16	1.92	2.41	18.95	5.44	2.11	1.62
16.40	5.17	1.92	2.39	19.00	5.44	2.12	1.61
16.45	5.17	1.93	2.37	19.05	5.44	2.12	1.61
16.50	5.18	1.93	2.35	19.10	5.45	2.12	1.60
16.55	5.19	1.94	2.33	19.15	5.45	2.13	1.60
16.60	5.19	1.94	2.31	19.20	5.46	2.13	1.59
16.65	5.20	1.94	2.30	19.25	5.46	2.13	1.59
16.70	5.21	1.95	2.28	19.30	5.47	2.14	1.59
16.75	5.21	1.95	2.26	19.35	5.47	2.14	1.58
16.80	5.22	1.96	2.24	19.40	5.48	2.14	1.58
16.85	5.23	1.96	2.22	19.45	5.48	2.14	1.57
16.90	5.23	1.97	2.20	19.50	5.48	2.15	1.57
16.95	5.24	1.97	2.18	19.55	5.49	2.15	1.56
17.00	5.24	1.97	2.16	19.60	5.49	2.15	1.56
17.05	5.25	1.98	2.14	19.65	5.50	2.16	1.55
17.10	5.25	1.98	2.12	19.70	5.50	2.16	1.55
17.15	5.26	1.99	2.10	19.75	5.50	2.16	1.54
17.20	5.27	1.99	2.08	19.80	5.51	2.17	1.54
17.25	5.27	1.99	2.06	19.85	5.51	2.17	1.54
17.30	5.28	2.00	2.04	19.90	5.52	2.17	1.53
17.35	5.28	2.00	2.02	19.95	5.52	2.17	1.53
17.40	5.29	2.01	2.00	20.00	5.53	2.18	1.52
17.45	5.29	2.01	1.98	20.05	5.53	2.18	1.51
17.50	5.30	2.01	1.96	20.10	5.53	2.18	1.51
17.55	5.30	2.02	1.95	20.15	5.54	2.19	1.50
17.60	5.31	2.02	1.93	20.20	5.54	2.19	1.50
17.65	5.31	2.03	1.91	20.25	5.55	2.19	1.49
17.70	5.32	2.03	1.89	20.30	5.55	2.20	1.49
17.75	5.33	2.03	1.87	20.35	5.55	2.20	1.48
17.80	5.33	2.04	1.85	20.40	5.56	2.20	1.48
17.85	5.34	2.04	1.83	20.45	5.56	2.20	1.47
17.90	5.34	2.04	1.80	20.50	5.57	2.21	1.47
17.95	5.34	2.05	1.79	20.55	5.57	2.21	1.47
18.00	5.35	2.05	1.76	20.60	5.57	2.21	1.46
18.05	5.35	2.05	1.74	20.65	5.58	2.22	1.46
18.10	5.36	2.06	1.72	20.70	5.58	2.22	1.46
18.15	5.36	2.06	1.71	20.75	5.59	2.22	1.45

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.22	1.44	23.40	5.77	2.36	1.18
20.85	5.59	2.23	1.44	23.45	5.78	2.36	1.18
20.90	5.60	2.23	1.43	23.50	5.78	2.36	1.17
20.95	5.60	2.23	1.43	23.55	5.78	2.37	1.17
21.00	5.61	2.24	1.42	23.60	5.78	2.37	1.16
21.05	5.61	2.24	1.42	23.65	5.79	2.37	1.15
21.10	5.61	2.24	1.41	23.70	5.79	2.37	1.15
21.15	5.62	2.24	1.41	23.75	5.79	2.38	1.15
21.20	5.62	2.25	1.40	23.80	5.80	2.38	1.14
21.25	5.62	2.25	1.40	23.85	5.80	2.38	1.14
21.30	5.63	2.25	1.39	23.90	5.80	2.38	1.13
21.35	5.63	2.26	1.39	23.95	5.81	2.38	1.14
21.40	5.64	2.26	1.39	24.00	5.81	2.39	1.20
21.45	5.64	2.26	1.38	24.05	5.81	2.39	1.22
21.50	5.64	2.26	1.37	24.10	5.81	2.39	0.92
21.55	5.65	2.27	1.37	24.15	5.81	2.39	0.47
21.60	5.65	2.27	1.36	24.20	5.81	2.39	0.20
21.65	5.65	2.27	1.36	24.25	5.81	2.39	0.09
21.70	5.66	2.27	1.35	24.30	5.81	2.39	0.04
21.75	5.66	2.28	1.35	24.35	5.81	2.39	0.02
21.80	5.66	2.28	1.34	24.40	5.81	2.39	0.01
21.85	5.67	2.28	1.34	24.45	5.81	2.39	0.00
21.90	5.67	2.28	1.34	24.50	5.81	2.39	0.00
21.95	5.68	2.29	1.33	24.55	5.81	2.39	0.00
22.00	5.68	2.29	1.32	24.60	5.81	2.39	0.00
22.05	5.68	2.29	1.32	24.65	5.81	2.39	0.00
22.10	5.69	2.30	1.31	24.70	5.81	2.39	0.00
22.15	5.69	2.30	1.31	24.75	5.81	2.39	0.00
22.20	5.69	2.30	1.30	24.80	5.81	2.39	0.00
22.25	5.70	2.30	1.30	24.85	5.81	2.39	0.00
22.30	5.70	2.31	1.30	24.90	5.81	2.39	0.00
22.35	5.70	2.31	1.29	24.95	5.81	2.39	0.00
22.40	5.71	2.31	1.28	25.00	5.81	2.39	0.00
22.45	5.71	2.31	1.28	25.05	5.81	2.39	0.00
22.50	5.71	2.32	1.27	25.10	5.81	2.39	0.00
22.55	5.72	2.32	1.27	25.15	5.81	2.39	0.00
22.60	5.72	2.32	1.26	25.20	5.81	2.39	0.00
22.65	5.72	2.32	1.26	25.25	5.81	2.39	0.00
22.70	5.73	2.33	1.26	25.30	5.81	2.39	0.00
22.75	5.73	2.33	1.25	25.35	5.81	2.39	0.00
22.80	5.73	2.33	1.24	25.40	5.81	2.39	0.00
22.85	5.74	2.33	1.24	25.45	5.81	2.39	0.00
22.90	5.74	2.34	1.23	25.50	5.81	2.39	0.00
22.95	5.74	2.34	1.23	25.55	5.81	2.39	0.00
23.00	5.75	2.34	1.22	25.60	5.81	2.39	0.00
23.05	5.75	2.34	1.22	25.65	5.81	2.39	0.00
23.10	5.75	2.35	1.22	25.70	5.81	2.39	0.00
23.15	5.76	2.35	1.21	25.75	5.81	2.39	0.00
23.20	5.76	2.35	1.20	25.80	5.81	2.39	0.00
23.25	5.76	2.35	1.19	25.85	5.81	2.39	0.00
23.30	5.77	2.35	1.19	25.90	5.81	2.39	0.00
23.35	5.77	2.36	1.18	25.95	5.81	2.39	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	2.39	0.00	28.60	5.81	2.39	0.00
26.05	5.81	2.39	0.00	28.65	5.81	2.39	0.00
26.10	5.81	2.39	0.00	28.70	5.81	2.39	0.00
26.15	5.81	2.39	0.00	28.75	5.81	2.39	0.00
26.20	5.81	2.39	0.00	28.80	5.81	2.39	0.00
26.25	5.81	2.39	0.00	28.85	5.81	2.39	0.00
26.30	5.81	2.39	0.00	28.90	5.81	2.39	0.00
26.35	5.81	2.39	0.00	28.95	5.81	2.39	0.00
26.40	5.81	2.39	0.00	29.00	5.81	2.39	0.00
26.45	5.81	2.39	0.00	29.05	5.81	2.39	0.00
26.50	5.81	2.39	0.00	29.10	5.81	2.39	0.00
26.55	5.81	2.39	0.00	29.15	5.81	2.39	0.00
26.60	5.81	2.39	0.00	29.20	5.81	2.39	0.00
26.65	5.81	2.39	0.00	29.25	5.81	2.39	0.00
26.70	5.81	2.39	0.00	29.30	5.81	2.39	0.00
26.75	5.81	2.39	0.00	29.35	5.81	2.39	0.00
26.80	5.81	2.39	0.00	29.40	5.81	2.39	0.00
26.85	5.81	2.39	0.00	29.45	5.81	2.39	0.00
26.90	5.81	2.39	0.00	29.50	5.81	2.39	0.00
26.95	5.81	2.39	0.00	29.55	5.81	2.39	0.00
27.00	5.81	2.39	0.00	29.60	5.81	2.39	0.00
27.05	5.81	2.39	0.00	29.65	5.81	2.39	0.00
27.10	5.81	2.39	0.00	29.70	5.81	2.39	0.00
27.15	5.81	2.39	0.00	29.75	5.81	2.39	0.00
27.20	5.81	2.39	0.00	29.80	5.81	2.39	0.00
27.25	5.81	2.39	0.00	29.85	5.81	2.39	0.00
27.30	5.81	2.39	0.00	29.90	5.81	2.39	0.00
27.35	5.81	2.39	0.00	29.95	5.81	2.39	0.00
27.40	5.81	2.39	0.00	30.00	5.81	2.39	0.00
27.45	5.81	2.39	0.00	30.05	5.81	2.39	0.00
27.50	5.81	2.39	0.00	30.10	5.81	2.39	0.00
27.55	5.81	2.39	0.00	30.15	5.81	2.39	0.00
27.60	5.81	2.39	0.00	30.20	5.81	2.39	0.00
27.65	5.81	2.39	0.00	30.25	5.81	2.39	0.00
27.70	5.81	2.39	0.00	30.30	5.81	2.39	0.00
27.75	5.81	2.39	0.00	30.35	5.81	2.39	0.00
27.80	5.81	2.39	0.00	30.40	5.81	2.39	0.00
27.85	5.81	2.39	0.00	30.45	5.81	2.39	0.00
27.90	5.81	2.39	0.00	30.50	5.81	2.39	0.00
27.95	5.81	2.39	0.00	30.55	5.81	2.39	0.00
28.00	5.81	2.39	0.00	30.60	5.81	2.39	0.00
28.05	5.81	2.39	0.00	30.65	5.81	2.39	0.00
28.10	5.81	2.39	0.00	30.70	5.81	2.39	0.00
28.15	5.81	2.39	0.00	30.75	5.81	2.39	0.00
28.20	5.81	2.39	0.00	30.80	5.81	2.39	0.00
28.25	5.81	2.39	0.00	30.85	5.81	2.39	0.00
28.30	5.81	2.39	0.00	30.90	5.81	2.39	0.00
28.35	5.81	2.39	0.00	30.95	5.81	2.39	0.00
28.40	5.81	2.39	0.00	31.00	5.81	2.39	0.00
28.45	5.81	2.39	0.00	31.05	5.81	2.39	0.00
28.50	5.81	2.39	0.00	31.10	5.81	2.39	0.00
28.55	5.81	2.39	0.00	31.15	5.81	2.39	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	2.39	0.00	33.80	5.81	2.39	0.00
31.25	5.81	2.39	0.00	33.85	5.81	2.39	0.00
31.30	5.81	2.39	0.00	33.90	5.81	2.39	0.00
31.35	5.81	2.39	0.00	33.95	5.81	2.39	0.00
31.40	5.81	2.39	0.00	34.00	5.81	2.39	0.00
31.45	5.81	2.39	0.00	34.05	5.81	2.39	0.00
31.50	5.81	2.39	0.00	34.10	5.81	2.39	0.00
31.55	5.81	2.39	0.00	34.15	5.81	2.39	0.00
31.60	5.81	2.39	0.00	34.20	5.81	2.39	0.00
31.65	5.81	2.39	0.00	34.25	5.81	2.39	0.00
31.70	5.81	2.39	0.00	34.30	5.81	2.39	0.00
31.75	5.81	2.39	0.00	34.35	5.81	2.39	0.00
31.80	5.81	2.39	0.00	34.40	5.81	2.39	0.00
31.85	5.81	2.39	0.00	34.45	5.81	2.39	0.00
31.90	5.81	2.39	0.00	34.50	5.81	2.39	0.00
31.95	5.81	2.39	0.00	34.55	5.81	2.39	0.00
32.00	5.81	2.39	0.00	34.60	5.81	2.39	0.00
32.05	5.81	2.39	0.00	34.65	5.81	2.39	0.00
32.10	5.81	2.39	0.00	34.70	5.81	2.39	0.00
32.15	5.81	2.39	0.00	34.75	5.81	2.39	0.00
32.20	5.81	2.39	0.00	34.80	5.81	2.39	0.00
32.25	5.81	2.39	0.00	34.85	5.81	2.39	0.00
32.30	5.81	2.39	0.00	34.90	5.81	2.39	0.00
32.35	5.81	2.39	0.00	34.95	5.81	2.39	0.00
32.40	5.81	2.39	0.00	35.00	5.81	2.39	0.00
32.45	5.81	2.39	0.00	35.05	5.81	2.39	0.00
32.50	5.81	2.39	0.00	35.10	5.81	2.39	0.00
32.55	5.81	2.39	0.00	35.15	5.81	2.39	0.00
32.60	5.81	2.39	0.00	35.20	5.81	2.39	0.00
32.65	5.81	2.39	0.00	35.25	5.81	2.39	0.00
32.70	5.81	2.39	0.00	35.30	5.81	2.39	0.00
32.75	5.81	2.39	0.00	35.35	5.81	2.39	0.00
32.80	5.81	2.39	0.00	35.40	5.81	2.39	0.00
32.85	5.81	2.39	0.00	35.45	5.81	2.39	0.00
32.90	5.81	2.39	0.00	35.50	5.81	2.39	0.00
32.95	5.81	2.39	0.00	35.55	5.81	2.39	0.00
33.00	5.81	2.39	0.00	35.60	5.81	2.39	0.00
33.05	5.81	2.39	0.00	35.65	5.81	2.39	0.00
33.10	5.81	2.39	0.00	35.70	5.81	2.39	0.00
33.15	5.81	2.39	0.00	35.75	5.81	2.39	0.00
33.20	5.81	2.39	0.00	35.80	5.81	2.39	0.00
33.25	5.81	2.39	0.00	35.85	5.81	2.39	0.00
33.30	5.81	2.39	0.00	35.90	5.81	2.39	0.00
33.35	5.81	2.39	0.00	35.95	5.81	2.39	0.00
33.40	5.81	2.39	0.00	36.00	5.81	2.39	0.00
33.45	5.81	2.39	0.00	36.05	5.81	2.39	0.00
33.50	5.81	2.39	0.00	36.10	5.81	2.39	0.00
33.55	5.81	2.39	0.00	36.15	5.81	2.39	0.00
33.60	5.81	2.39	0.00	36.20	5.81	2.39	0.00
33.65	5.81	2.39	0.00	36.25	5.81	2.39	0.00
33.70	5.81	2.39	0.00	36.30	5.81	2.39	0.00
33.75	5.81	2.39	0.00	36.35	5.81	2.39	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	2.39	0.00	39.00	5.81	2.39	0.00
36.45	5.81	2.39	0.00	39.05	5.81	2.39	0.00
36.50	5.81	2.39	0.00	39.10	5.81	2.39	0.00
36.55	5.81	2.39	0.00	39.15	5.81	2.39	0.00
36.60	5.81	2.39	0.00	39.20	5.81	2.39	0.00
36.65	5.81	2.39	0.00	39.25	5.81	2.39	0.00
36.70	5.81	2.39	0.00	39.30	5.81	2.39	0.00
36.75	5.81	2.39	0.00	39.35	5.81	2.39	0.00
36.80	5.81	2.39	0.00	39.40	5.81	2.39	0.00
36.85	5.81	2.39	0.00	39.45	5.81	2.39	0.00
36.90	5.81	2.39	0.00	39.50	5.81	2.39	0.00
36.95	5.81	2.39	0.00	39.55	5.81	2.39	0.00
37.00	5.81	2.39	0.00	39.60	5.81	2.39	0.00
37.05	5.81	2.39	0.00	39.65	5.81	2.39	0.00
37.10	5.81	2.39	0.00	39.70	5.81	2.39	0.00
37.15	5.81	2.39	0.00	39.75	5.81	2.39	0.00
37.20	5.81	2.39	0.00	39.80	5.81	2.39	0.00
37.25	5.81	2.39	0.00	39.85	5.81	2.39	0.00
37.30	5.81	2.39	0.00	39.90	5.81	2.39	0.00
37.35	5.81	2.39	0.00	39.95	5.81	2.39	0.00
37.40	5.81	2.39	0.00	40.00	5.81	2.39	0.00
37.45	5.81	2.39	0.00				
37.50	5.81	2.39	0.00				
37.55	5.81	2.39	0.00				
37.60	5.81	2.39	0.00				
37.65	5.81	2.39	0.00				
37.70	5.81	2.39	0.00				
37.75	5.81	2.39	0.00				
37.80	5.81	2.39	0.00				
37.85	5.81	2.39	0.00				
37.90	5.81	2.39	0.00				
37.95	5.81	2.39	0.00				
38.00	5.81	2.39	0.00				
38.05	5.81	2.39	0.00				
38.10	5.81	2.39	0.00				
38.15	5.81	2.39	0.00				
38.20	5.81	2.39	0.00				
38.25	5.81	2.39	0.00				
38.30	5.81	2.39	0.00				
38.35	5.81	2.39	0.00				
38.40	5.81	2.39	0.00				
38.45	5.81	2.39	0.00				
38.50	5.81	2.39	0.00				
38.55	5.81	2.39	0.00				
38.60	5.81	2.39	0.00				
38.65	5.81	2.39	0.00				
38.70	5.81	2.39	0.00				
38.75	5.81	2.39	0.00				
38.80	5.81	2.39	0.00				
38.85	5.81	2.39	0.00				
38.90	5.81	2.39	0.00				
38.95	5.81	2.39	0.00				

Summary for Subcatchment UPDA-1: PDA-1 (undetained)

Runoff = 57.11 cfs @ 12.36 hrs, Volume= 6.271 af, Depth= 3.03"
 Routed to Link PDA-1ON : PDA-1 (onsite)

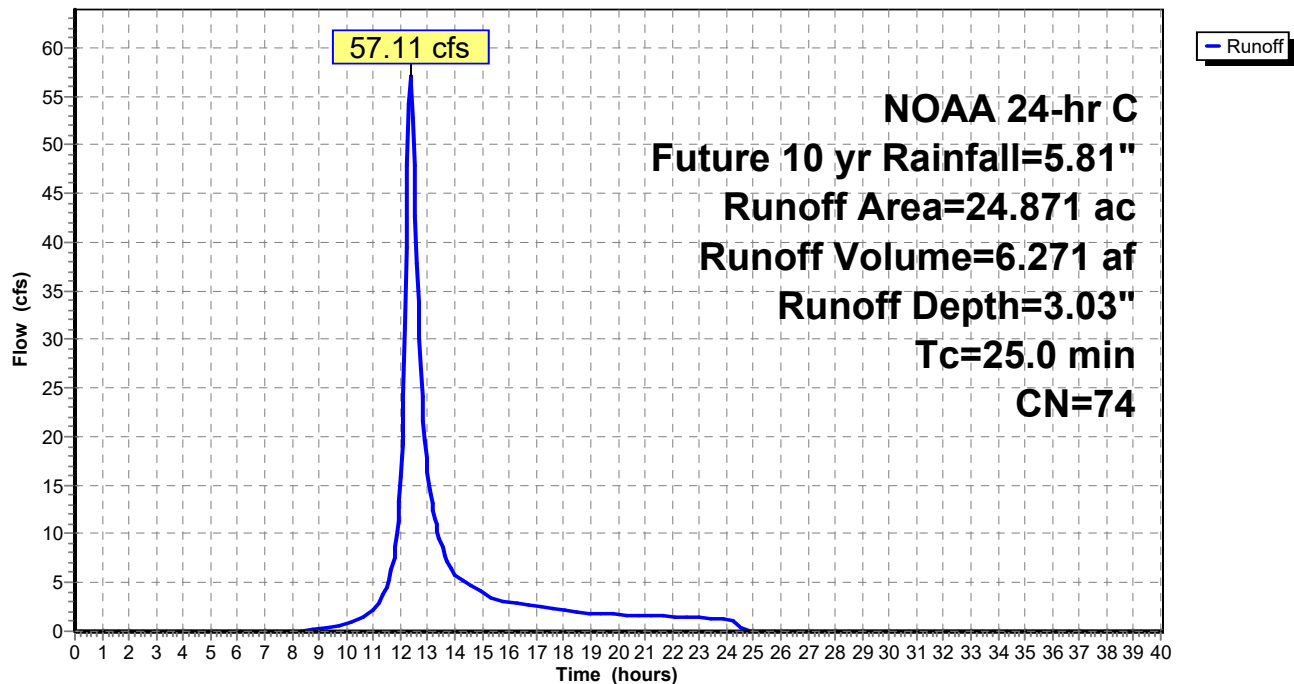
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
24.871	74	>75% Grass cover, Good, HSG C
24.871		100.00% Pervious Area

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

Subcatchment UPDA-1: PDA-1 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.01
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.02
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.02
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.03
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.05
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.06
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.07
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.09
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.10
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.12
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.13
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.15
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.17
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.18
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.20
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.22
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.24
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.25
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.28
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.30
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.32
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.35
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.37
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.40
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.43
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.46
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.49
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.53
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.56
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.60
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.64
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.68
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.72
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.76
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.80
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.85
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.89
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.94
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.99
7.70	0.65	0.00	0.00	10.30	1.14	0.05	1.04
7.75	0.66	0.00	0.00	10.35	1.15	0.05	1.09

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	1.15	13.00	4.42	1.91	16.35
10.45	1.18	0.06	1.20	13.05	4.44	1.93	15.14
10.50	1.20	0.06	1.26	13.10	4.46	1.94	14.10
10.55	1.21	0.06	1.32	13.15	4.48	1.96	13.18
10.60	1.23	0.07	1.38	13.20	4.50	1.98	12.35
10.65	1.25	0.07	1.44	13.25	4.52	1.99	11.59
10.70	1.27	0.08	1.52	13.30	4.54	2.01	10.91
10.75	1.29	0.08	1.60	13.35	4.56	2.02	10.28
10.80	1.31	0.09	1.70	13.40	4.58	2.03	9.72
10.85	1.33	0.09	1.82	13.45	4.60	2.05	9.22
10.90	1.35	0.10	1.94	13.50	4.61	2.06	8.77
10.95	1.37	0.11	2.08	13.55	4.63	2.07	8.37
11.00	1.39	0.11	2.23	13.60	4.64	2.08	8.00
11.05	1.42	0.12	2.38	13.65	4.66	2.09	7.64
11.10	1.45	0.13	2.55	13.70	4.67	2.10	7.30
11.15	1.48	0.14	2.73	13.75	4.68	2.12	6.98
11.20	1.51	0.15	2.94	13.80	4.70	2.13	6.69
11.25	1.54	0.16	3.17	13.85	4.71	2.14	6.43
11.30	1.57	0.17	3.42	13.90	4.72	2.15	6.20
11.35	1.61	0.18	3.71	13.95	4.74	2.16	6.01
11.40	1.64	0.20	4.02	14.00	4.75	2.17	5.85
11.45	1.68	0.21	4.35	14.05	4.76	2.18	5.71
11.50	1.72	0.23	4.70	14.10	4.78	2.19	5.59
11.55	1.78	0.25	5.08	14.15	4.79	2.20	5.47
11.60	1.83	0.28	5.51	14.20	4.80	2.21	5.37
11.65	1.90	0.30	6.04	14.25	4.81	2.21	5.27
11.70	1.96	0.33	6.73	14.30	4.82	2.22	5.18
11.75	2.04	0.37	7.61	14.35	4.83	2.23	5.08
11.80	2.13	0.41	8.67	14.40	4.85	2.24	5.00
11.85	2.25	0.47	9.91	14.45	4.86	2.25	4.91
11.90	2.36	0.53	11.41	14.50	4.87	2.26	4.82
11.95	2.57	0.65	13.30	14.55	4.88	2.27	4.74
12.00	2.77	0.77	15.82	14.60	4.89	2.27	4.66
12.05	3.11	0.98	19.25	14.65	4.90	2.28	4.57
12.10	3.45	1.20	24.24	14.70	4.91	2.29	4.49
12.15	3.56	1.28	31.13	14.75	4.92	2.30	4.41
12.20	3.68	1.37	39.50	14.80	4.93	2.31	4.32
12.25	3.77	1.43	47.96	14.85	4.94	2.31	4.24
12.30	3.85	1.49	54.30	14.90	4.94	2.32	4.15
12.35	3.91	1.53	56.99	14.95	4.95	2.33	4.07
12.40	3.98	1.58	56.16	15.00	4.96	2.33	3.99
12.45	4.03	1.62	52.85	15.05	4.97	2.34	3.90
12.50	4.09	1.67	47.96	15.10	4.98	2.35	3.82
12.55	4.13	1.69	42.64	15.15	4.99	2.35	3.74
12.60	4.17	1.72	37.86	15.20	4.99	2.36	3.65
12.65	4.20	1.75	33.84	15.25	5.00	2.37	3.57
12.70	4.24	1.77	30.26	15.30	5.01	2.37	3.50
12.75	4.27	1.80	27.02	15.35	5.02	2.38	3.43
12.80	4.30	1.82	24.16	15.40	5.03	2.38	3.38
12.85	4.33	1.85	21.68	15.45	5.03	2.39	3.33
12.90	4.36	1.87	19.57	15.50	5.04	2.40	3.28
12.95	4.39	1.89	17.80	15.55	5.05	2.40	3.25

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	3.21	18.20	5.37	2.66	2.02
15.65	5.06	2.41	3.18	18.25	5.37	2.67	2.00
15.70	5.07	2.42	3.16	18.30	5.38	2.67	1.98
15.75	5.08	2.43	3.13	18.35	5.38	2.67	1.96
15.80	5.09	2.43	3.11	18.40	5.39	2.68	1.95
15.85	5.09	2.44	3.08	18.45	5.39	2.68	1.93
15.90	5.10	2.44	3.06	18.50	5.40	2.68	1.92
15.95	5.11	2.45	3.03	18.55	5.40	2.69	1.91
16.00	5.11	2.46	3.01	18.60	5.40	2.69	1.90
16.05	5.12	2.46	2.99	18.65	5.41	2.69	1.89
16.10	5.13	2.47	2.96	18.70	5.41	2.70	1.89
16.15	5.13	2.47	2.94	18.75	5.42	2.70	1.88
16.20	5.14	2.48	2.92	18.80	5.42	2.71	1.87
16.25	5.15	2.48	2.90	18.85	5.43	2.71	1.87
16.30	5.16	2.49	2.88	18.90	5.43	2.71	1.86
16.35	5.16	2.49	2.86	18.95	5.44	2.72	1.86
16.40	5.17	2.50	2.83	19.00	5.44	2.72	1.85
16.45	5.17	2.50	2.81	19.05	5.44	2.72	1.84
16.50	5.18	2.51	2.79	19.10	5.45	2.73	1.84
16.55	5.19	2.52	2.77	19.15	5.45	2.73	1.83
16.60	5.19	2.52	2.74	19.20	5.46	2.73	1.83
16.65	5.20	2.53	2.72	19.25	5.46	2.74	1.82
16.70	5.21	2.53	2.70	19.30	5.47	2.74	1.82
16.75	5.21	2.54	2.68	19.35	5.47	2.75	1.81
16.80	5.22	2.54	2.66	19.40	5.48	2.75	1.81
16.85	5.23	2.55	2.63	19.45	5.48	2.75	1.80
16.90	5.23	2.55	2.61	19.50	5.48	2.76	1.79
16.95	5.24	2.55	2.59	19.55	5.49	2.76	1.79
17.00	5.24	2.56	2.57	19.60	5.49	2.76	1.78
17.05	5.25	2.56	2.54	19.65	5.50	2.77	1.78
17.10	5.25	2.57	2.52	19.70	5.50	2.77	1.77
17.15	5.26	2.57	2.50	19.75	5.50	2.77	1.77
17.20	5.27	2.58	2.48	19.80	5.51	2.78	1.76
17.25	5.27	2.58	2.46	19.85	5.51	2.78	1.76
17.30	5.28	2.59	2.43	19.90	5.52	2.78	1.75
17.35	5.28	2.59	2.41	19.95	5.52	2.79	1.75
17.40	5.29	2.60	2.39	20.00	5.53	2.79	1.74
17.45	5.29	2.60	2.36	20.05	5.53	2.79	1.74
17.50	5.30	2.61	2.34	20.10	5.53	2.80	1.73
17.55	5.30	2.61	2.32	20.15	5.54	2.80	1.72
17.60	5.31	2.61	2.29	20.20	5.54	2.80	1.72
17.65	5.31	2.62	2.27	20.25	5.55	2.81	1.71
17.70	5.32	2.62	2.25	20.30	5.55	2.81	1.71
17.75	5.33	2.63	2.23	20.35	5.55	2.81	1.70
17.80	5.33	2.63	2.20	20.40	5.56	2.82	1.69
17.85	5.34	2.63	2.18	20.45	5.56	2.82	1.69
17.90	5.34	2.64	2.16	20.50	5.57	2.82	1.68
17.95	5.34	2.64	2.14	20.55	5.57	2.83	1.68
18.00	5.35	2.65	2.11	20.60	5.57	2.83	1.67
18.05	5.35	2.65	2.09	20.65	5.58	2.83	1.67
18.10	5.36	2.65	2.07	20.70	5.58	2.84	1.66
18.15	5.36	2.66	2.04	20.75	5.59	2.84	1.66

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	1.65	23.40	5.77	2.99	1.35
20.85	5.59	2.85	1.65	23.45	5.78	3.00	1.35
20.90	5.60	2.85	1.64	23.50	5.78	3.00	1.34
20.95	5.60	2.85	1.63	23.55	5.78	3.00	1.33
21.00	5.61	2.86	1.63	23.60	5.78	3.00	1.33
21.05	5.61	2.86	1.62	23.65	5.79	3.01	1.32
21.10	5.61	2.86	1.62	23.70	5.79	3.01	1.32
21.15	5.62	2.87	1.61	23.75	5.79	3.01	1.31
21.20	5.62	2.87	1.60	23.80	5.80	3.01	1.31
21.25	5.62	2.87	1.60	23.85	5.80	3.02	1.30
21.30	5.63	2.87	1.59	23.90	5.80	3.02	1.29
21.35	5.63	2.88	1.59	23.95	5.81	3.02	1.29
21.40	5.64	2.88	1.58	24.00	5.81	3.03	1.29
21.45	5.64	2.88	1.58	24.05	5.81	3.03	1.29
21.50	5.64	2.89	1.57	24.10	5.81	3.03	1.29
21.55	5.65	2.89	1.57	24.15	5.81	3.03	1.27
21.60	5.65	2.89	1.56	24.20	5.81	3.03	1.19
21.65	5.65	2.90	1.55	24.25	5.81	3.03	1.05
21.70	5.66	2.90	1.55	24.30	5.81	3.03	0.88
21.75	5.66	2.90	1.54	24.35	5.81	3.03	0.71
21.80	5.66	2.90	1.54	24.40	5.81	3.03	0.54
21.85	5.67	2.91	1.53	24.45	5.81	3.03	0.40
21.90	5.67	2.91	1.53	24.50	5.81	3.03	0.29
21.95	5.68	2.91	1.52	24.55	5.81	3.03	0.22
22.00	5.68	2.92	1.51	24.60	5.81	3.03	0.16
22.05	5.68	2.92	1.51	24.65	5.81	3.03	0.12
22.10	5.69	2.92	1.50	24.70	5.81	3.03	0.09
22.15	5.69	2.93	1.50	24.75	5.81	3.03	0.07
22.20	5.69	2.93	1.49	24.80	5.81	3.03	0.05
22.25	5.70	2.93	1.49	24.85	5.81	3.03	0.04
22.30	5.70	2.93	1.48	24.90	5.81	3.03	0.03
22.35	5.70	2.94	1.47	24.95	5.81	3.03	0.02
22.40	5.71	2.94	1.47	25.00	5.81	3.03	0.01
22.45	5.71	2.94	1.46	25.05	5.81	3.03	0.01
22.50	5.71	2.95	1.46	25.10	5.81	3.03	0.01
22.55	5.72	2.95	1.45	25.15	5.81	3.03	0.00
22.60	5.72	2.95	1.44	25.20	5.81	3.03	0.00
22.65	5.72	2.95	1.44	25.25	5.81	3.03	0.00
22.70	5.73	2.96	1.43	25.30	5.81	3.03	0.00
22.75	5.73	2.96	1.43	25.35	5.81	3.03	0.00
22.80	5.73	2.96	1.42	25.40	5.81	3.03	0.00
22.85	5.74	2.96	1.42	25.45	5.81	3.03	0.00
22.90	5.74	2.97	1.41	25.50	5.81	3.03	0.00
22.95	5.74	2.97	1.40	25.55	5.81	3.03	0.00
23.00	5.75	2.97	1.40	25.60	5.81	3.03	0.00
23.05	5.75	2.98	1.39	25.65	5.81	3.03	0.00
23.10	5.75	2.98	1.39	25.70	5.81	3.03	0.00
23.15	5.76	2.98	1.38	25.75	5.81	3.03	0.00
23.20	5.76	2.98	1.38	25.80	5.81	3.03	0.00
23.25	5.76	2.99	1.37	25.85	5.81	3.03	0.00
23.30	5.77	2.99	1.36	25.90	5.81	3.03	0.00
23.35	5.77	2.99	1.36	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

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

Summary for Pond B-1: Basin #1

Inflow Area = 2.782 ac, 26.02% Impervious, Inflow Depth > 3.26" for Future 10 yr event
 Inflow = 4.61 cfs @ 12.30 hrs, Volume= 0.755 af
 Outflow = 0.21 cfs @ 20.36 hrs, Volume= 0.452 af, Atten= 95%, Lag= 483.7 min
 Primary = 0.21 cfs @ 20.36 hrs, Volume= 0.452 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 210.76' @ 20.36 hrs Surf.Area= 11,875 sf Storage= 19,367 cf

Plug-Flow detention time= 783.4 min calculated for 0.452 af (60% of inflow)
 Center-of-Mass det. time= 526.4 min (1,554.3 - 1,027.9)

Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	34,903 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

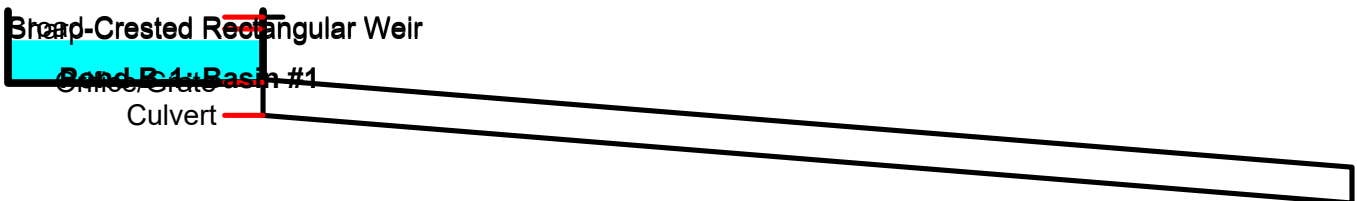
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	10,187	0	0
210.00	11,133	10,660	10,660
211.00	12,113	11,623	22,283
212.00	13,126	12,620	34,903

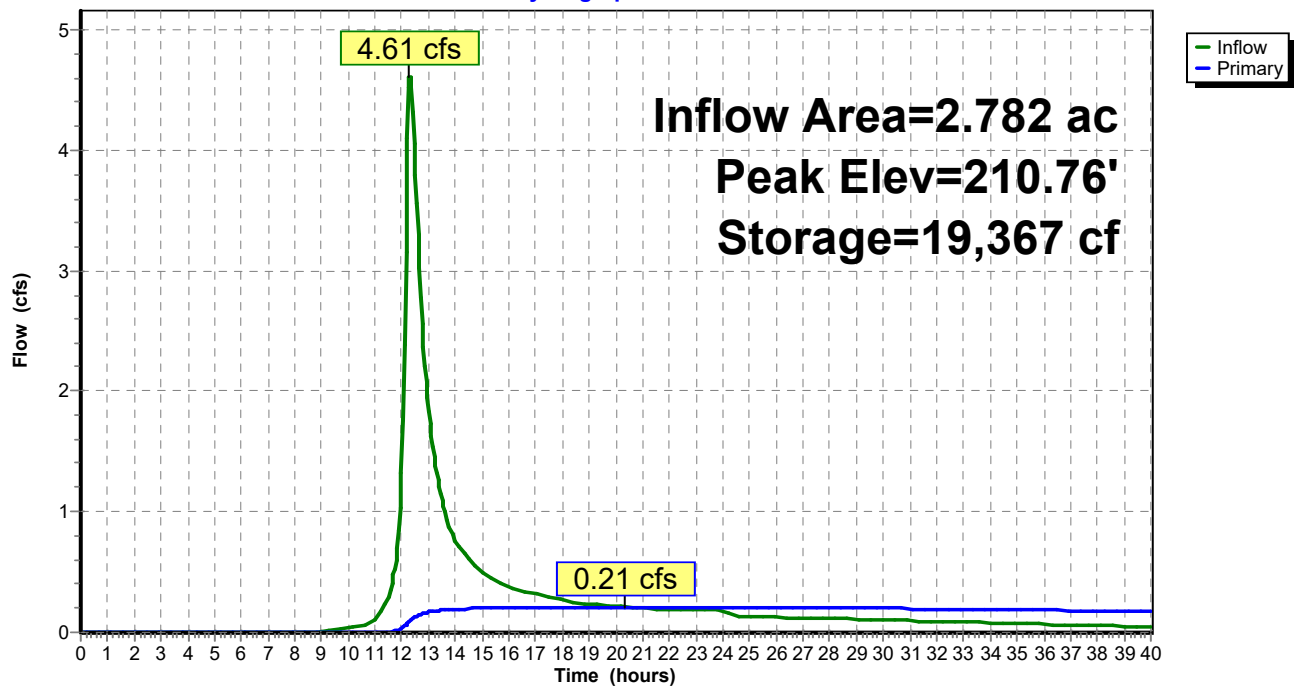
Device	Routing	Invert	Outlet Devices
#1	Primary	207.65'	18.0" Round Culvert L= 276.0' Ke= 0.500 Inlet / Outlet Invert= 207.65' / 204.00' S= 0.0132 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	209.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	211.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.75'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.21 cfs @ 20.36 hrs HW=210.76' (Free Discharge)

1=Culvert (Passes 0.21 cfs of 12.71 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.15 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Pond B-1: Basin #1
 Culvert



Pond B-1: Basin #1**Hydrograph**

Hydrograph for Pond B-1: Basin #1

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	0	209.00	0.00
1.00	0.00	0	209.00	0.00
1.10	0.00	0	209.00	0.00
1.20	0.00	0	209.00	0.00
1.30	0.00	0	209.00	0.00
1.40	0.00	0	209.00	0.00
1.50	0.00	0	209.00	0.00
1.60	0.00	0	209.00	0.00
1.70	0.00	0	209.00	0.00
1.80	0.00	0	209.00	0.00
1.90	0.00	0	209.00	0.00
2.00	0.00	0	209.00	0.00
2.10	0.00	0	209.00	0.00
2.20	0.00	0	209.00	0.00
2.30	0.00	0	209.00	0.00
2.40	0.00	0	209.00	0.00
2.50	0.00	0	209.00	0.00
2.60	0.00	0	209.00	0.00
2.70	0.00	0	209.00	0.00
2.80	0.00	0	209.00	0.00
2.90	0.00	0	209.00	0.00
3.00	0.00	0	209.00	0.00
3.10	0.00	0	209.00	0.00
3.20	0.00	0	209.00	0.00
3.30	0.00	0	209.00	0.00
3.40	0.00	0	209.00	0.00
3.50	0.00	0	209.00	0.00
3.60	0.00	0	209.00	0.00
3.70	0.00	0	209.00	0.00
3.80	0.00	0	209.00	0.00
3.90	0.00	0	209.00	0.00
4.00	0.00	0	209.00	0.00
4.10	0.00	0	209.00	0.00
4.20	0.00	0	209.00	0.00
4.30	0.00	0	209.00	0.00
4.40	0.00	0	209.00	0.00
4.50	0.00	0	209.00	0.00
4.60	0.00	0	209.00	0.00
4.70	0.00	0	209.00	0.00
4.80	0.00	0	209.00	0.00
4.90	0.00	0	209.00	0.00
5.00	0.00	0	209.00	0.00
5.10	0.00	0	209.00	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	209.00	0.00
5.30	0.00	0	209.00	0.00
5.40	0.00	0	209.00	0.00
5.50	0.00	0	209.00	0.00
5.60	0.00	0	209.00	0.00
5.70	0.00	0	209.00	0.00
5.80	0.00	0	209.00	0.00
5.90	0.00	0	209.00	0.00
6.00	0.00	0	209.00	0.00
6.10	0.00	0	209.00	0.00
6.20	0.00	0	209.00	0.00
6.30	0.00	0	209.00	0.00
6.40	0.00	0	209.00	0.00
6.50	0.00	0	209.00	0.00
6.60	0.00	0	209.00	0.00
6.70	0.00	0	209.00	0.00
6.80	0.00	0	209.00	0.00
6.90	0.00	0	209.00	0.00
7.00	0.00	0	209.00	0.00
7.10	0.00	0	209.00	0.00
7.20	0.00	0	209.00	0.00
7.30	0.00	0	209.00	0.00
7.40	0.00	0	209.00	0.00
7.50	0.00	0	209.00	0.00
7.60	0.00	0	209.00	0.00
7.70	0.00	0	209.00	0.00
7.80	0.00	0	209.00	0.00
7.90	0.00	0	209.00	0.00
8.00	0.00	0	209.00	0.00
8.10	0.00	0	209.00	0.00
8.20	0.00	0	209.00	0.00
8.30	0.00	0	209.00	0.00
8.40	0.00	1	209.00	0.00
8.50	0.00	2	209.00	0.00
8.60	0.00	3	209.00	0.00
8.70	0.01	5	209.00	0.00
8.80	0.01	7	209.00	0.00
8.90	0.01	10	209.00	0.00
9.00	0.01	13	209.00	0.00
9.10	0.01	17	209.00	0.00
9.20	0.01	21	209.00	0.00
9.30	0.01	26	209.00	0.00
9.40	0.02	32	209.00	0.00
9.50	0.02	38	209.00	0.00
9.60	0.02	45	209.00	0.00
9.70	0.02	54	209.01	0.00
9.80	0.03	63	209.01	0.00
9.90	0.03	74	209.01	0.00
10.00	0.03	86	209.01	0.00
10.10	0.04	99	209.01	0.00
10.20	0.04	113	209.01	0.00
10.30	0.05	129	209.01	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.05	146	209.01	0.00
10.50	0.05	165	209.02	0.00
10.60	0.06	186	209.02	0.00
10.70	0.07	209	209.02	0.00
10.80	0.08	236	209.02	0.00
10.90	0.09	268	209.03	0.00
11.00	0.11	304	209.03	0.00
11.10	0.13	347	209.03	0.00
11.20	0.16	398	209.04	0.00
11.30	0.19	461	209.05	0.00
11.40	0.23	537	209.05	0.00
11.50	0.27	627	209.06	0.00
11.60	0.35	735	209.07	0.01
11.70	0.47	881	209.09	0.01
11.80	0.60	1,068	209.10	0.01
11.90	0.84	1,318	209.13	0.02
12.00	1.33	1,689	209.16	0.03
12.10	2.38	2,324	209.23	0.05
12.20	4.09	3,451	209.33	0.08
12.30	4.61	5,018	209.48	0.10
12.40	4.32	6,596	209.63	0.12
12.50	3.80	8,012	209.76	0.13
12.60	3.31	9,244	209.87	0.14
12.70	2.77	10,283	209.97	0.15
12.80	2.37	11,151	210.04	0.16
12.90	2.07	11,892	210.11	0.16
13.00	1.83	12,536	210.17	0.17
13.10	1.63	13,098	210.22	0.17
13.20	1.46	13,592	210.26	0.17
13.30	1.32	14,028	210.30	0.18
13.40	1.20	14,417	210.33	0.18
13.50	1.10	14,765	210.36	0.18
13.60	1.00	15,076	210.39	0.18
13.70	0.92	15,355	210.41	0.19
13.80	0.85	15,606	210.44	0.19
13.90	0.80	15,836	210.46	0.19
14.00	0.76	16,048	210.47	0.19
14.10	0.72	16,246	210.49	0.19
14.20	0.69	16,431	210.51	0.19
14.30	0.66	16,604	210.52	0.19
14.40	0.63	16,767	210.54	0.20
14.50	0.61	16,920	210.55	0.20
14.60	0.59	17,065	210.56	0.20
14.70	0.56	17,201	210.57	0.20
14.80	0.54	17,329	210.58	0.20
14.90	0.52	17,449	210.59	0.20
15.00	0.50	17,560	210.60	0.20
15.10	0.48	17,664	210.61	0.20
15.20	0.46	17,759	210.62	0.20
15.30	0.44	17,849	210.63	0.20
15.40	0.43	17,934	210.64	0.20
15.50	0.42	18,014	210.64	0.20

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.41	18,091	210.65	0.20
15.70	0.40	18,164	210.66	0.20
15.80	0.39	18,234	210.66	0.20
15.90	0.39	18,301	210.67	0.20
16.00	0.38	18,365	210.67	0.20
16.10	0.37	18,427	210.68	0.20
16.20	0.36	18,485	210.68	0.20
16.30	0.36	18,541	210.69	0.21
16.40	0.35	18,595	210.69	0.21
16.50	0.35	18,647	210.70	0.21
16.60	0.34	18,696	210.70	0.21
16.70	0.33	18,742	210.70	0.21
16.80	0.33	18,787	210.71	0.21
16.90	0.32	18,829	210.71	0.21
17.00	0.32	18,869	210.71	0.21
17.10	0.31	18,908	210.72	0.21
17.20	0.30	18,944	210.72	0.21
17.30	0.30	18,977	210.72	0.21
17.40	0.29	19,009	210.73	0.21
17.50	0.29	19,039	210.73	0.21
17.60	0.28	19,067	210.73	0.21
17.70	0.28	19,093	210.73	0.21
17.80	0.28	19,118	210.74	0.21
17.90	0.27	19,142	210.74	0.21
18.00	0.27	19,164	210.74	0.21
18.10	0.26	19,184	210.74	0.21
18.20	0.26	19,202	210.74	0.21
18.30	0.25	19,219	210.74	0.21
18.40	0.25	19,235	210.75	0.21
18.50	0.25	19,250	210.75	0.21
18.60	0.25	19,263	210.75	0.21
18.70	0.24	19,276	210.75	0.21
18.80	0.24	19,287	210.75	0.21
18.90	0.24	19,298	210.75	0.21
19.00	0.24	19,307	210.75	0.21
19.10	0.23	19,316	210.75	0.21
19.20	0.23	19,324	210.75	0.21
19.30	0.23	19,332	210.75	0.21
19.40	0.23	19,338	210.75	0.21
19.50	0.22	19,344	210.75	0.21
19.60	0.22	19,349	210.76	0.21
19.70	0.22	19,353	210.76	0.21
19.80	0.22	19,357	210.76	0.21
19.90	0.22	19,360	210.76	0.21
20.00	0.22	19,363	210.76	0.21
20.10	0.21	19,365	210.76	0.21
20.20	0.21	19,366	210.76	0.21
20.30	0.21	19,367	210.76	0.21
20.40	0.21	19,367	210.76	0.21
20.50	0.21	19,366	210.76	0.21
20.60	0.21	19,365	210.76	0.21
20.70	0.20	19,364	210.76	0.21

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	19,361	210.76	0.21
20.90	0.20	19,359	210.76	0.21
21.00	0.20	19,355	210.76	0.21
21.10	0.20	19,352	210.76	0.21
21.20	0.20	19,347	210.76	0.21
21.30	0.20	19,343	210.75	0.21
21.40	0.19	19,337	210.75	0.21
21.50	0.19	19,332	210.75	0.21
21.60	0.19	19,325	210.75	0.21
21.70	0.19	19,319	210.75	0.21
21.80	0.19	19,313	210.75	0.21
21.90	0.19	19,307	210.75	0.21
22.00	0.19	19,300	210.75	0.21
22.10	0.19	19,293	210.75	0.21
22.20	0.19	19,286	210.75	0.21
22.30	0.19	19,279	210.75	0.21
22.40	0.19	19,272	210.75	0.21
22.50	0.19	19,264	210.75	0.21
22.60	0.19	19,257	210.75	0.21
22.70	0.19	19,249	210.75	0.21
22.80	0.19	19,241	210.75	0.21
22.90	0.19	19,233	210.75	0.21
23.00	0.19	19,225	210.74	0.21
23.10	0.19	19,216	210.74	0.21
23.20	0.18	19,208	210.74	0.21
23.30	0.18	19,199	210.74	0.21
23.40	0.18	19,190	210.74	0.21
23.50	0.18	19,181	210.74	0.21
23.60	0.18	19,172	210.74	0.21
23.70	0.18	19,162	210.74	0.21
23.80	0.18	19,152	210.74	0.21
23.90	0.18	19,143	210.74	0.21
24.00	0.18	19,133	210.74	0.21
24.10	0.18	19,123	210.74	0.21
24.20	0.15	19,106	210.73	0.21
24.30	0.14	19,082	210.73	0.21
24.40	0.13	19,056	210.73	0.21
24.50	0.13	19,029	210.73	0.21
24.60	0.13	19,002	210.73	0.21
24.70	0.13	18,975	210.72	0.21
24.80	0.13	18,948	210.72	0.21
24.90	0.13	18,921	210.72	0.21
25.00	0.13	18,894	210.72	0.21
25.10	0.13	18,866	210.71	0.21
25.20	0.13	18,838	210.71	0.21
25.30	0.13	18,810	210.71	0.21
25.40	0.13	18,782	210.71	0.21
25.50	0.13	18,754	210.71	0.21
25.60	0.13	18,726	210.70	0.21
25.70	0.13	18,697	210.70	0.21
25.80	0.13	18,669	210.70	0.21
25.90	0.13	18,640	210.70	0.21

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.13	18,611	210.69	0.21
26.10	0.12	18,582	210.69	0.21
26.20	0.12	18,553	210.69	0.21
26.30	0.12	18,523	210.69	0.21
26.40	0.12	18,494	210.68	0.20
26.50	0.12	18,464	210.68	0.20
26.60	0.12	18,434	210.68	0.20
26.70	0.12	18,404	210.68	0.20
26.80	0.12	18,374	210.67	0.20
26.90	0.12	18,344	210.67	0.20
27.00	0.12	18,314	210.67	0.20
27.10	0.12	18,283	210.67	0.20
27.20	0.12	18,252	210.66	0.20
27.30	0.12	18,222	210.66	0.20
27.40	0.12	18,191	210.66	0.20
27.50	0.12	18,160	210.65	0.20
27.60	0.12	18,128	210.65	0.20
27.70	0.12	18,097	210.65	0.20
27.80	0.11	18,065	210.65	0.20
27.90	0.11	18,034	210.64	0.20
28.00	0.11	18,002	210.64	0.20
28.10	0.11	17,970	210.64	0.20
28.20	0.11	17,938	210.64	0.20
28.30	0.11	17,906	210.63	0.20
28.40	0.11	17,873	210.63	0.20
28.50	0.11	17,841	210.63	0.20
28.60	0.11	17,808	210.62	0.20
28.70	0.11	17,775	210.62	0.20
28.80	0.11	17,742	210.62	0.20
28.90	0.11	17,709	210.62	0.20
29.00	0.11	17,676	210.61	0.20
29.10	0.11	17,642	210.61	0.20
29.20	0.11	17,609	210.61	0.20
29.30	0.11	17,575	210.61	0.20
29.40	0.11	17,541	210.60	0.20
29.50	0.10	17,507	210.60	0.20
29.60	0.10	17,473	210.60	0.20
29.70	0.10	17,439	210.59	0.20
29.80	0.10	17,405	210.59	0.20
29.90	0.10	17,370	210.59	0.20
30.00	0.10	17,336	210.58	0.20
30.10	0.10	17,301	210.58	0.20
30.20	0.10	17,266	210.58	0.20
30.30	0.10	17,231	210.58	0.20
30.40	0.10	17,196	210.57	0.20
30.50	0.10	17,160	210.57	0.20
30.60	0.10	17,125	210.57	0.20
30.70	0.10	17,089	210.56	0.20
30.80	0.10	17,054	210.56	0.20
30.90	0.10	17,018	210.56	0.20
31.00	0.10	16,982	210.55	0.20
31.10	0.10	16,946	210.55	0.20

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.09	16,909	210.55	0.20
31.30	0.09	16,873	210.54	0.20
31.40	0.09	16,837	210.54	0.20
31.50	0.09	16,800	210.54	0.20
31.60	0.09	16,763	210.54	0.19
31.70	0.09	16,726	210.53	0.19
31.80	0.09	16,689	210.53	0.19
31.90	0.09	16,652	210.53	0.19
32.00	0.09	16,615	210.52	0.19
32.10	0.09	16,577	210.52	0.19
32.20	0.09	16,540	210.52	0.19
32.30	0.09	16,502	210.51	0.19
32.40	0.09	16,464	210.51	0.19
32.50	0.09	16,426	210.51	0.19
32.60	0.09	16,388	210.50	0.19
32.70	0.09	16,350	210.50	0.19
32.80	0.09	16,311	210.50	0.19
32.90	0.08	16,273	210.49	0.19
33.00	0.08	16,234	210.49	0.19
33.10	0.08	16,195	210.49	0.19
33.20	0.08	16,156	210.48	0.19
33.30	0.08	16,117	210.48	0.19
33.40	0.08	16,078	210.48	0.19
33.50	0.08	16,039	210.47	0.19
33.60	0.08	16,000	210.47	0.19
33.70	0.08	15,960	210.47	0.19
33.80	0.08	15,920	210.46	0.19
33.90	0.08	15,881	210.46	0.19
34.00	0.08	15,841	210.46	0.19
34.10	0.08	15,801	210.45	0.19
34.20	0.08	15,761	210.45	0.19
34.30	0.08	15,720	210.45	0.19
34.40	0.08	15,680	210.44	0.19
34.50	0.08	15,639	210.44	0.19
34.60	0.07	15,599	210.44	0.19
34.70	0.07	15,558	210.43	0.19
34.80	0.07	15,517	210.43	0.19
34.90	0.07	15,476	210.42	0.19
35.00	0.07	15,435	210.42	0.19
35.10	0.07	15,394	210.42	0.19
35.20	0.07	15,352	210.41	0.19
35.30	0.07	15,311	210.41	0.19
35.40	0.07	15,269	210.41	0.19
35.50	0.07	15,227	210.40	0.19
35.60	0.07	15,185	210.40	0.19
35.70	0.07	15,143	210.40	0.19
35.80	0.07	15,101	210.39	0.18
35.90	0.07	15,059	210.39	0.18
36.00	0.07	15,017	210.38	0.18
36.10	0.07	14,974	210.38	0.18
36.20	0.07	14,932	210.38	0.18
36.30	0.06	14,889	210.37	0.18

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.06	14,846	210.37	0.18
36.50	0.06	14,803	210.37	0.18
36.60	0.06	14,760	210.36	0.18
36.70	0.06	14,717	210.36	0.18
36.80	0.06	14,674	210.35	0.18
36.90	0.06	14,630	210.35	0.18
37.00	0.06	14,587	210.35	0.18
37.10	0.06	14,543	210.34	0.18
37.20	0.06	14,500	210.34	0.18
37.30	0.06	14,456	210.34	0.18
37.40	0.06	14,412	210.33	0.18
37.50	0.06	14,368	210.33	0.18
37.60	0.06	14,323	210.32	0.18
37.70	0.06	14,279	210.32	0.18
37.80	0.06	14,235	210.32	0.18
37.90	0.06	14,190	210.31	0.18
38.00	0.05	14,145	210.31	0.18
38.10	0.05	14,101	210.30	0.18
38.20	0.05	14,056	210.30	0.18
38.30	0.05	14,011	210.30	0.18
38.40	0.05	13,966	210.29	0.18
38.50	0.05	13,921	210.29	0.18
38.60	0.05	13,875	210.29	0.18
38.70	0.05	13,830	210.28	0.18
38.80	0.05	13,784	210.28	0.18
38.90	0.05	13,739	210.27	0.18
39.00	0.05	13,693	210.27	0.18
39.10	0.05	13,647	210.27	0.18
39.20	0.05	13,601	210.26	0.18
39.30	0.05	13,555	210.26	0.17
39.40	0.05	13,509	210.25	0.17
39.50	0.05	13,463	210.25	0.17
39.60	0.04	13,416	210.24	0.17
39.70	0.04	13,370	210.24	0.17
39.80	0.04	13,323	210.24	0.17
39.90	0.04	13,277	210.23	0.17
40.00	0.04	13,230	210.23	0.17

Stage-Discharge for Pond B-1: Basin #1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.10	210.04	0.16	210.56	0.20
209.01	0.00	209.53	0.10	210.05	0.16	210.57	0.20
209.02	0.00	209.54	0.11	210.06	0.16	210.58	0.20
209.03	0.00	209.55	0.11	210.07	0.16	210.59	0.20
209.04	0.00	209.56	0.11	210.08	0.16	210.60	0.20
209.05	0.00	209.57	0.11	210.09	0.16	210.61	0.20
209.06	0.00	209.58	0.11	210.10	0.16	210.62	0.20
209.07	0.00	209.59	0.11	210.11	0.16	210.63	0.20
209.08	0.01	209.60	0.11	210.12	0.16	210.64	0.20
209.09	0.01	209.61	0.11	210.13	0.16	210.65	0.20
209.10	0.01	209.62	0.12	210.14	0.17	210.66	0.20
209.11	0.01	209.63	0.12	210.15	0.17	210.67	0.20
209.12	0.02	209.64	0.12	210.16	0.17	210.68	0.20
209.13	0.02	209.65	0.12	210.17	0.17	210.69	0.21
209.14	0.02	209.66	0.12	210.18	0.17	210.70	0.21
209.15	0.03	209.67	0.12	210.19	0.17	210.71	0.21
209.16	0.03	209.68	0.12	210.20	0.17	210.72	0.21
209.17	0.03	209.69	0.12	210.21	0.17	210.73	0.21
209.18	0.04	209.70	0.12	210.22	0.17	210.74	0.21
209.19	0.04	209.71	0.13	210.23	0.17	210.75	0.21
209.20	0.05	209.72	0.13	210.24	0.17	210.76	0.21
209.21	0.05	209.73	0.13	210.25	0.17	210.77	0.21
209.22	0.05	209.74	0.13	210.26	0.17	210.78	0.21
209.23	0.05	209.75	0.13	210.27	0.18	210.79	0.21
209.24	0.06	209.76	0.13	210.28	0.18	210.80	0.21
209.25	0.06	209.77	0.13	210.29	0.18	210.81	0.21
209.26	0.06	209.78	0.13	210.30	0.18	210.82	0.21
209.27	0.06	209.79	0.13	210.31	0.18	210.83	0.21
209.28	0.06	209.80	0.13	210.32	0.18	210.84	0.22
209.29	0.07	209.81	0.14	210.33	0.18	210.85	0.22
209.30	0.07	209.82	0.14	210.34	0.18	210.86	0.22
209.31	0.07	209.83	0.14	210.35	0.18	210.87	0.22
209.32	0.07	209.84	0.14	210.36	0.18	210.88	0.22
209.33	0.07	209.85	0.14	210.37	0.18	210.89	0.22
209.34	0.08	209.86	0.14	210.38	0.18	210.90	0.22
209.35	0.08	209.87	0.14	210.39	0.18	210.91	0.22
209.36	0.08	209.88	0.14	210.40	0.19	210.92	0.22
209.37	0.08	209.89	0.14	210.41	0.19	210.93	0.22
209.38	0.08	209.90	0.14	210.42	0.19	210.94	0.22
209.39	0.08	209.91	0.15	210.43	0.19	210.95	0.22
209.40	0.09	209.92	0.15	210.44	0.19	210.96	0.22
209.41	0.09	209.93	0.15	210.45	0.19	210.97	0.22
209.42	0.09	209.94	0.15	210.46	0.19	210.98	0.22
209.43	0.09	209.95	0.15	210.47	0.19	210.99	0.22
209.44	0.09	209.96	0.15	210.48	0.19	211.00	0.22
209.45	0.09	209.97	0.15	210.49	0.19	211.01	0.23
209.46	0.10	209.98	0.15	210.50	0.19	211.02	0.23
209.47	0.10	209.99	0.15	210.51	0.19	211.03	0.23
209.48	0.10	210.00	0.15	210.52	0.19	211.04	0.23
209.49	0.10	210.01	0.15	210.53	0.19	211.05	0.23
209.50	0.10	210.02	0.16	210.54	0.20	211.06	0.23
209.51	0.10	210.03	0.16	210.55	0.20	211.07	0.23

Stage-Discharge for Pond B-1: Basin #1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	0.23	211.60	2.92
211.09	0.23	211.61	3.03
211.10	0.23	211.62	3.15
211.11	0.23	211.63	3.27
211.12	0.23	211.64	3.38
211.13	0.23	211.65	3.50
211.14	0.23	211.66	3.62
211.15	0.23	211.67	3.75
211.16	0.23	211.68	3.87
211.17	0.23	211.69	4.00
211.18	0.24	211.70	4.12
211.19	0.24	211.71	4.25
211.20	0.24	211.72	4.38
211.21	0.24	211.73	4.51
211.22	0.24	211.74	4.64
211.23	0.24	211.75	4.77
211.24	0.24	211.76	5.03
211.25	0.24	211.77	5.38
211.26	0.25	211.78	5.79
211.27	0.28	211.79	6.26
211.28	0.31	211.80	6.77
211.29	0.35	211.81	7.32
211.30	0.39	211.82	7.91
211.31	0.43	211.83	8.54
211.32	0.48	211.84	9.20
211.33	0.54	211.85	9.89
211.34	0.60	211.86	10.60
211.35	0.66	211.87	11.35
211.36	0.72	211.88	12.13
211.37	0.79	211.89	12.93
211.38	0.86	211.90	13.75
211.39	0.93	211.91	14.60
211.40	1.00	211.92	15.48
211.41	1.08	211.93	16.37
211.42	1.16	211.94	17.29
211.43	1.24	211.95	18.23
211.44	1.32	211.96	19.24
211.45	1.41	211.97	20.26
211.46	1.50	211.98	21.32
211.47	1.59	211.99	22.40
211.48	1.68	212.00	23.51
211.49	1.77		
211.50	1.87		
211.51	1.97		
211.52	2.06		
211.53	2.17		
211.54	2.27		
211.55	2.37		
211.56	2.48		
211.57	2.59		
211.58	2.70		
211.59	2.81		

Stage-Area-Storage for Pond B-1: Basin #1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	10,187	0	209.52	10,679	5,425
209.01	10,196	102	209.53	10,688	5,532
209.02	10,206	204	209.54	10,698	5,639
209.03	10,215	306	209.55	10,707	5,746
209.04	10,225	408	209.56	10,717	5,853
209.05	10,234	511	209.57	10,726	5,960
209.06	10,244	613	209.58	10,736	6,068
209.07	10,253	715	209.59	10,745	6,175
209.08	10,263	818	209.60	10,755	6,282
209.09	10,272	921	209.61	10,764	6,390
209.10	10,282	1,023	209.62	10,774	6,498
209.11	10,291	1,126	209.63	10,783	6,606
209.12	10,301	1,229	209.64	10,792	6,713
209.13	10,310	1,332	209.65	10,802	6,821
209.14	10,319	1,435	209.66	10,811	6,929
209.15	10,329	1,539	209.67	10,821	7,038
209.16	10,338	1,642	209.68	10,830	7,146
209.17	10,348	1,745	209.69	10,840	7,254
209.18	10,357	1,849	209.70	10,849	7,363
209.19	10,367	1,953	209.71	10,859	7,471
209.20	10,376	2,056	209.72	10,868	7,580
209.21	10,386	2,160	209.73	10,878	7,689
209.22	10,395	2,264	209.74	10,887	7,797
209.23	10,405	2,368	209.75	10,897	7,906
209.24	10,414	2,472	209.76	10,906	8,015
209.25	10,424	2,576	209.77	10,915	8,124
209.26	10,433	2,681	209.78	10,925	8,234
209.27	10,442	2,785	209.79	10,934	8,343
209.28	10,452	2,889	209.80	10,944	8,452
209.29	10,461	2,994	209.81	10,953	8,562
209.30	10,471	3,099	209.82	10,963	8,671
209.31	10,480	3,203	209.83	10,972	8,781
209.32	10,490	3,308	209.84	10,982	8,891
209.33	10,499	3,413	209.85	10,991	9,001
209.34	10,509	3,518	209.86	11,001	9,111
209.35	10,518	3,623	209.87	11,010	9,221
209.36	10,528	3,729	209.88	11,019	9,331
209.37	10,537	3,834	209.89	11,029	9,441
209.38	10,546	3,939	209.90	11,038	9,551
209.39	10,556	4,045	209.91	11,048	9,662
209.40	10,565	4,150	209.92	11,057	9,772
209.41	10,575	4,256	209.93	11,067	9,883
209.42	10,584	4,362	209.94	11,076	9,994
209.43	10,594	4,468	209.95	11,086	10,105
209.44	10,603	4,574	209.96	11,095	10,215
209.45	10,613	4,680	209.97	11,105	10,326
209.46	10,622	4,786	209.98	11,114	10,438
209.47	10,632	4,892	209.99	11,124	10,549
209.48	10,641	4,999	210.00	11,133	10,660
209.49	10,651	5,105	210.01	11,143	10,771
209.50	10,660	5,212	210.02	11,153	10,883
209.51	10,669	5,318	210.03	11,162	10,994

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	11,172	11,106	210.56	11,682	17,048
210.05	11,182	11,218	210.57	11,692	17,165
210.06	11,192	11,330	210.58	11,701	17,282
210.07	11,202	11,442	210.59	11,711	17,399
210.08	11,211	11,554	210.60	11,721	17,516
210.09	11,221	11,666	210.61	11,731	17,633
210.10	11,231	11,778	210.62	11,741	17,751
210.11	11,241	11,891	210.63	11,750	17,868
210.12	11,251	12,003	210.64	11,760	17,986
210.13	11,260	12,116	210.65	11,770	18,103
210.14	11,270	12,228	210.66	11,780	18,221
210.15	11,280	12,341	210.67	11,790	18,339
210.16	11,290	12,454	210.68	11,799	18,457
210.17	11,300	12,567	210.69	11,809	18,575
210.18	11,309	12,680	210.70	11,819	18,693
210.19	11,319	12,793	210.71	11,829	18,811
210.20	11,329	12,906	210.72	11,839	18,930
210.21	11,339	13,020	210.73	11,848	19,048
210.22	11,349	13,133	210.74	11,858	19,167
210.23	11,358	13,247	210.75	11,868	19,285
210.24	11,368	13,360	210.76	11,878	19,404
210.25	11,378	13,474	210.77	11,888	19,523
210.26	11,388	13,588	210.78	11,897	19,642
210.27	11,398	13,702	210.79	11,907	19,761
210.28	11,407	13,816	210.80	11,917	19,880
210.29	11,417	13,930	210.81	11,927	19,999
210.30	11,427	14,044	210.82	11,937	20,119
210.31	11,437	14,158	210.83	11,946	20,238
210.32	11,447	14,273	210.84	11,956	20,357
210.33	11,456	14,387	210.85	11,966	20,477
210.34	11,466	14,502	210.86	11,976	20,597
210.35	11,476	14,617	210.87	11,986	20,717
210.36	11,486	14,731	210.88	11,995	20,836
210.37	11,496	14,846	210.89	12,005	20,956
210.38	11,505	14,961	210.90	12,015	21,077
210.39	11,515	15,076	210.91	12,025	21,197
210.40	11,525	15,192	210.92	12,035	21,317
210.41	11,535	15,307	210.93	12,044	21,437
210.42	11,545	15,422	210.94	12,054	21,558
210.43	11,554	15,538	210.95	12,064	21,679
210.44	11,564	15,653	210.96	12,074	21,799
210.45	11,574	15,769	210.97	12,084	21,920
210.46	11,584	15,885	210.98	12,093	22,041
210.47	11,594	16,001	210.99	12,103	22,162
210.48	11,603	16,117	211.00	12,113	22,283
210.49	11,613	16,233	211.01	12,123	22,404
210.50	11,623	16,349	211.02	12,133	22,525
210.51	11,633	16,465	211.03	12,143	22,647
210.52	11,643	16,582	211.04	12,154	22,768
210.53	11,652	16,698	211.05	12,164	22,890
210.54	11,662	16,815	211.06	12,174	23,012
210.55	11,672	16,931	211.07	12,184	23,133

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	12,194	23,255	211.60	12,721	29,733
211.09	12,204	23,377	211.61	12,731	29,860
211.10	12,214	23,499	211.62	12,741	29,988
211.11	12,224	23,622	211.63	12,751	30,115
211.12	12,235	23,744	211.64	12,761	30,243
211.13	12,245	23,866	211.65	12,771	30,370
211.14	12,255	23,989	211.66	12,782	30,498
211.15	12,265	24,111	211.67	12,792	30,626
211.16	12,275	24,234	211.68	12,802	30,754
211.17	12,285	24,357	211.69	12,812	30,882
211.18	12,295	24,480	211.70	12,822	31,010
211.19	12,305	24,603	211.71	12,832	31,139
211.20	12,316	24,726	211.72	12,842	31,267
211.21	12,326	24,849	211.73	12,852	31,395
211.22	12,336	24,972	211.74	12,863	31,524
211.23	12,346	25,096	211.75	12,873	31,653
211.24	12,356	25,219	211.76	12,883	31,781
211.25	12,366	25,343	211.77	12,893	31,910
211.26	12,376	25,467	211.78	12,903	32,039
211.27	12,387	25,590	211.79	12,913	32,168
211.28	12,397	25,714	211.80	12,923	32,298
211.29	12,407	25,838	211.81	12,934	32,427
211.30	12,417	25,962	211.82	12,944	32,556
211.31	12,427	26,087	211.83	12,954	32,686
211.32	12,437	26,211	211.84	12,964	32,815
211.33	12,447	26,335	211.85	12,974	32,945
211.34	12,457	26,460	211.86	12,984	33,075
211.35	12,468	26,585	211.87	12,994	33,205
211.36	12,478	26,709	211.88	13,004	33,335
211.37	12,488	26,834	211.89	13,015	33,465
211.38	12,498	26,959	211.90	13,025	33,595
211.39	12,508	27,084	211.91	13,035	33,725
211.40	12,518	27,209	211.92	13,045	33,856
211.41	12,528	27,334	211.93	13,055	33,986
211.42	12,538	27,460	211.94	13,065	34,117
211.43	12,549	27,585	211.95	13,075	34,247
211.44	12,559	27,711	211.96	13,085	34,378
211.45	12,569	27,836	211.97	13,096	34,509
211.46	12,579	27,962	211.98	13,106	34,640
211.47	12,589	28,088	211.99	13,116	34,771
211.48	12,599	28,214	212.00	13,126	34,903
211.49	12,609	28,340			
211.50	12,620	28,466			
211.51	12,630	28,592			
211.52	12,640	28,719			
211.53	12,650	28,845			
211.54	12,660	28,972			
211.55	12,670	29,098			
211.56	12,680	29,225			
211.57	12,690	29,352			
211.58	12,701	29,479			
211.59	12,711	29,606			

Summary for Pond B-10: Basin #10

Inflow Area = 1.674 ac, 56.63% Impervious, Inflow Depth = 4.47" for Future 10 yr event
 Inflow = 7.45 cfs @ 12.17 hrs, Volume= 0.623 af
 Outflow = 0.89 cfs @ 13.00 hrs, Volume= 0.496 af, Atten= 88%, Lag= 49.7 min
 Primary = 0.89 cfs @ 13.00 hrs, Volume= 0.496 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.14' @ 13.00 hrs Surf.Area= 6,835 sf Storage= 17,216 cf

Plug-Flow detention time= 636.7 min calculated for 0.495 af (79% of inflow)
 Center-of-Mass det. time= 554.9 min (1,330.6 - 775.7)

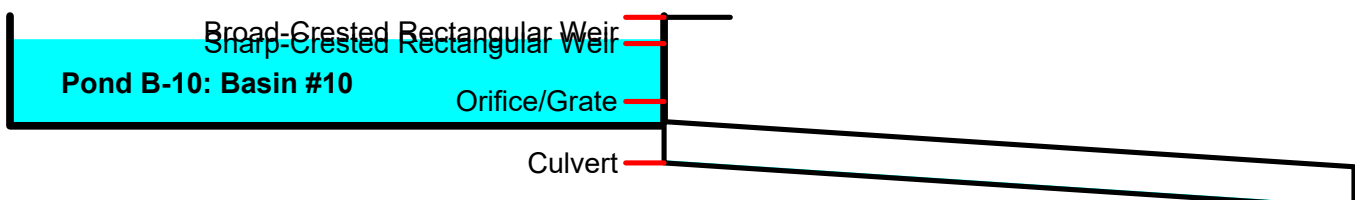
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	23,473 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	4,220	0	0
180.00	5,003	4,612	4,612
181.00	5,833	5,418	10,030
182.00	6,710	6,272	16,301
183.00	7,633	7,172	23,473

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 52.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 176.00' S= 0.0317 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.88'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

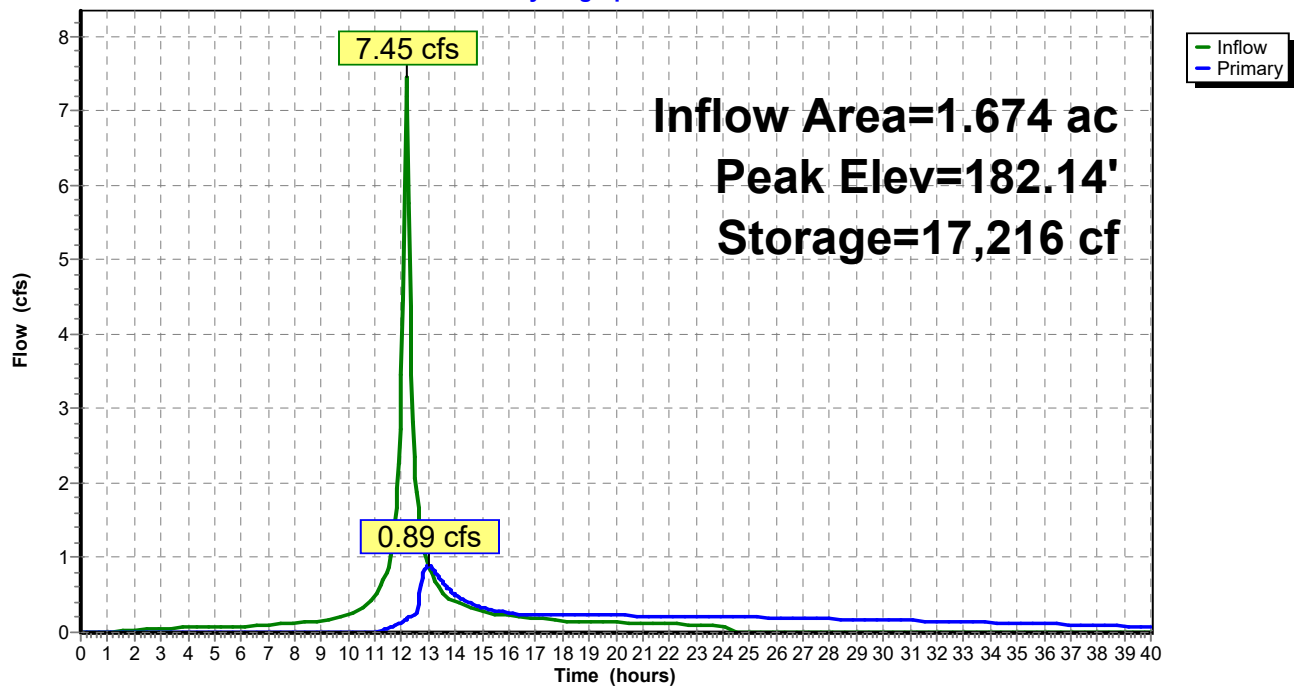
Primary OutFlow Max=0.89 cfs @ 13.00 hrs HW=182.14' (Free Discharge)

1=Culvert (Passes 0.89 cfs of 16.44 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.06 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.64 cfs @ 1.20 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-10: Basin #10

Hydrograph



Hydrograph for Pond B-10: Basin #10

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	1	179.00	0.00
1.00	0.01	3	179.00	0.00
1.10	0.01	6	179.00	0.00
1.20	0.01	10	179.00	0.00
1.30	0.02	15	179.00	0.00
1.40	0.02	22	179.01	0.00
1.50	0.02	29	179.01	0.00
1.60	0.02	37	179.01	0.00
1.70	0.03	46	179.01	0.00
1.80	0.03	55	179.01	0.00
1.90	0.03	66	179.02	0.00
2.00	0.03	77	179.02	0.00
2.10	0.03	89	179.02	0.00
2.20	0.04	102	179.02	0.00
2.30	0.04	115	179.03	0.00
2.40	0.04	129	179.03	0.00
2.50	0.04	143	179.03	0.00
2.60	0.04	159	179.04	0.00
2.70	0.04	174	179.04	0.00
2.80	0.05	190	179.04	0.00
2.90	0.05	207	179.05	0.00
3.00	0.05	224	179.05	0.00
3.10	0.05	242	179.06	0.00
3.20	0.05	260	179.06	0.00
3.30	0.05	279	179.07	0.00
3.40	0.05	298	179.07	0.00
3.50	0.06	318	179.07	0.00
3.60	0.06	338	179.08	0.00
3.70	0.06	358	179.08	0.00
3.80	0.06	379	179.09	0.00
3.90	0.06	400	179.09	0.00
4.00	0.06	422	179.10	0.00
4.10	0.06	444	179.10	0.00
4.20	0.06	466	179.11	0.00
4.30	0.06	489	179.11	0.00
4.40	0.06	512	179.12	0.00
4.50	0.07	536	179.13	0.00
4.60	0.07	560	179.13	0.00
4.70	0.07	584	179.14	0.00
4.80	0.07	608	179.14	0.00
4.90	0.07	633	179.15	0.00
5.00	0.07	658	179.15	0.00
5.10	0.07	684	179.16	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	710	179.17	0.00
5.30	0.07	736	179.17	0.00
5.40	0.07	762	179.18	0.00
5.50	0.07	789	179.18	0.00
5.60	0.08	816	179.19	0.00
5.70	0.08	844	179.20	0.00
5.80	0.08	871	179.20	0.00
5.90	0.08	899	179.21	0.00
6.00	0.08	927	179.22	0.00
6.10	0.08	956	179.22	0.00
6.20	0.08	985	179.23	0.00
6.30	0.08	1,015	179.24	0.00
6.40	0.09	1,046	179.24	0.00
6.50	0.09	1,077	179.25	0.00
6.60	0.09	1,110	179.26	0.00
6.70	0.09	1,143	179.26	0.00
6.80	0.10	1,177	179.27	0.00
6.90	0.10	1,212	179.28	0.00
7.00	0.10	1,247	179.29	0.00
7.10	0.10	1,284	179.30	0.00
7.20	0.10	1,321	179.30	0.00
7.30	0.11	1,359	179.31	0.00
7.40	0.11	1,398	179.32	0.00
7.50	0.11	1,438	179.33	0.00
7.60	0.11	1,479	179.34	0.00
7.70	0.12	1,520	179.35	0.00
7.80	0.12	1,563	179.36	0.00
7.90	0.12	1,606	179.37	0.00
8.00	0.12	1,650	179.38	0.00
8.10	0.13	1,695	179.39	0.00
8.20	0.13	1,741	179.40	0.00
8.30	0.13	1,787	179.41	0.00
8.40	0.13	1,835	179.42	0.00
8.50	0.14	1,884	179.43	0.00
8.60	0.14	1,934	179.44	0.00
8.70	0.14	1,986	179.45	0.00
8.80	0.15	2,038	179.46	0.00
8.90	0.15	2,092	179.47	0.00
9.00	0.15	2,147	179.49	0.00
9.10	0.16	2,204	179.50	0.00
9.20	0.17	2,262	179.51	0.00
9.30	0.18	2,325	179.53	0.00
9.40	0.19	2,390	179.54	0.00
9.50	0.20	2,460	179.55	0.00
9.60	0.21	2,533	179.57	0.00
9.70	0.22	2,609	179.59	0.00
9.80	0.23	2,690	179.60	0.00
9.90	0.24	2,775	179.62	0.00
10.00	0.25	2,863	179.64	0.00
10.10	0.26	2,956	179.66	0.00
10.20	0.27	3,053	179.68	0.00
10.30	0.29	3,153	179.70	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	3,259	179.72	0.00
10.50	0.31	3,368	179.75	0.00
10.60	0.33	3,483	179.77	0.00
10.70	0.36	3,607	179.80	0.00
10.80	0.40	3,744	179.82	0.00
10.90	0.44	3,897	179.86	0.00
11.00	0.49	4,064	179.89	0.00
11.10	0.54	4,247	179.93	0.00
11.20	0.61	4,450	179.97	0.01
11.30	0.69	4,676	180.01	0.03
11.40	0.77	4,925	180.06	0.05
11.50	0.85	5,199	180.12	0.06
11.60	1.04	5,509	180.18	0.07
11.70	1.37	5,916	180.26	0.09
11.80	1.67	6,424	180.35	0.10
11.90	2.26	7,085	180.48	0.12
12.00	3.46	8,045	180.65	0.13
12.10	5.91	9,641	180.93	0.16
12.20	7.20	12,074	181.34	0.19
12.30	4.37	14,077	181.66	0.21
12.40	2.81	15,266	181.84	0.22
12.50	2.07	16,048	181.96	0.23
12.60	1.68	16,624	182.05	0.38
12.70	1.27	16,963	182.10	0.64
12.80	1.09	17,124	182.12	0.79
12.90	0.98	17,197	182.13	0.87
13.00	0.89	17,216	182.14	0.89
13.10	0.79	17,201	182.13	0.87
13.20	0.71	17,163	182.13	0.83
13.30	0.65	17,117	182.12	0.78
13.40	0.60	17,068	182.11	0.74
13.50	0.55	17,017	182.11	0.69
13.60	0.50	16,965	182.10	0.65
13.70	0.46	16,913	182.09	0.60
13.80	0.44	16,867	182.08	0.56
13.90	0.42	16,827	182.08	0.52
14.00	0.41	16,793	182.07	0.50
14.10	0.40	16,763	182.07	0.48
14.20	0.38	16,735	182.06	0.46
14.30	0.37	16,709	182.06	0.44
14.40	0.36	16,685	182.06	0.42
14.50	0.34	16,662	182.05	0.41
14.60	0.33	16,640	182.05	0.39
14.70	0.32	16,619	182.05	0.37
14.80	0.30	16,599	182.04	0.36
14.90	0.29	16,579	182.04	0.35
15.00	0.28	16,559	182.04	0.34
15.10	0.26	16,537	182.04	0.33
15.20	0.25	16,514	182.03	0.32
15.30	0.25	16,492	182.03	0.31
15.40	0.24	16,470	182.03	0.30
15.50	0.24	16,451	182.02	0.29

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.24	16,433	182.02	0.29
15.70	0.23	16,416	182.02	0.28
15.80	0.23	16,400	182.01	0.27
15.90	0.23	16,385	182.01	0.27
16.00	0.22	16,371	182.01	0.26
16.10	0.22	16,358	182.01	0.26
16.20	0.22	16,345	182.01	0.25
16.30	0.21	16,333	182.00	0.25
16.40	0.21	16,321	182.00	0.24
16.50	0.21	16,310	182.00	0.24
16.60	0.20	16,298	182.00	0.23
16.70	0.20	16,286	182.00	0.23
16.80	0.19	16,273	182.00	0.23
16.90	0.19	16,259	181.99	0.23
17.00	0.19	16,244	181.99	0.23
17.10	0.18	16,227	181.99	0.23
17.20	0.18	16,209	181.99	0.23
17.30	0.18	16,190	181.98	0.23
17.40	0.17	16,169	181.98	0.23
17.50	0.17	16,148	181.98	0.23
17.60	0.17	16,125	181.97	0.23
17.70	0.16	16,101	181.97	0.23
17.80	0.16	16,076	181.97	0.23
17.90	0.16	16,049	181.96	0.23
18.00	0.15	16,022	181.96	0.23
18.10	0.15	15,993	181.95	0.23
18.20	0.15	15,963	181.95	0.23
18.30	0.14	15,933	181.94	0.23
18.40	0.14	15,902	181.94	0.23
18.50	0.14	15,871	181.94	0.23
18.60	0.14	15,839	181.93	0.23
18.70	0.14	15,808	181.93	0.23
18.80	0.14	15,776	181.92	0.23
18.90	0.14	15,744	181.92	0.23
19.00	0.14	15,712	181.91	0.23
19.10	0.14	15,679	181.91	0.23
19.20	0.14	15,647	181.90	0.23
19.30	0.14	15,614	181.90	0.23
19.40	0.13	15,581	181.89	0.23
19.50	0.13	15,548	181.89	0.23
19.60	0.13	15,514	181.88	0.23
19.70	0.13	15,481	181.88	0.23
19.80	0.13	15,447	181.87	0.23
19.90	0.13	15,413	181.87	0.23
20.00	0.13	15,379	181.86	0.22
20.10	0.13	15,344	181.86	0.22
20.20	0.13	15,309	181.85	0.22
20.30	0.13	15,275	181.85	0.22
20.40	0.13	15,239	181.84	0.22
20.50	0.12	15,204	181.83	0.22
20.60	0.12	15,169	181.83	0.22
20.70	0.12	15,133	181.82	0.22

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	15,097	181.82	0.22
20.90	0.12	15,061	181.81	0.22
21.00	0.12	15,025	181.81	0.22
21.10	0.12	14,988	181.80	0.22
21.20	0.12	14,952	181.80	0.22
21.30	0.12	14,915	181.79	0.22
21.40	0.12	14,878	181.78	0.22
21.50	0.12	14,841	181.78	0.22
21.60	0.12	14,803	181.77	0.22
21.70	0.11	14,766	181.77	0.22
21.80	0.11	14,728	181.76	0.22
21.90	0.11	14,690	181.76	0.22
22.00	0.11	14,652	181.75	0.22
22.10	0.11	14,613	181.74	0.22
22.20	0.11	14,575	181.74	0.22
22.30	0.11	14,536	181.73	0.22
22.40	0.11	14,497	181.73	0.22
22.50	0.11	14,458	181.72	0.22
22.60	0.11	14,419	181.71	0.22
22.70	0.11	14,379	181.71	0.22
22.80	0.10	14,340	181.70	0.22
22.90	0.10	14,300	181.70	0.21
23.00	0.10	14,260	181.69	0.21
23.10	0.10	14,219	181.68	0.21
23.20	0.10	14,179	181.68	0.21
23.30	0.10	14,138	181.67	0.21
23.40	0.10	14,098	181.66	0.21
23.50	0.10	14,057	181.66	0.21
23.60	0.10	14,016	181.65	0.21
23.70	0.10	13,974	181.65	0.21
23.80	0.10	13,933	181.64	0.21
23.90	0.09	13,891	181.63	0.21
24.00	0.10	13,850	181.63	0.21
24.10	0.08	13,810	181.62	0.21
24.20	0.02	13,753	181.61	0.21
24.30	0.01	13,682	181.60	0.21
24.40	0.00	13,609	181.59	0.21
24.50	0.00	13,534	181.58	0.21
24.60	0.00	13,460	181.56	0.21
24.70	0.00	13,386	181.55	0.21
24.80	0.00	13,312	181.54	0.20
24.90	0.00	13,238	181.53	0.20
25.00	0.00	13,165	181.52	0.20
25.10	0.00	13,092	181.51	0.20
25.20	0.00	13,019	181.49	0.20
25.30	0.00	12,947	181.48	0.20
25.40	0.00	12,874	181.47	0.20
25.50	0.00	12,802	181.46	0.20
25.60	0.00	12,731	181.45	0.20
25.70	0.00	12,659	181.44	0.20
25.80	0.00	12,588	181.43	0.20
25.90	0.00	12,518	181.41	0.20

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,447	181.40	0.20
26.10	0.00	12,377	181.39	0.19
26.20	0.00	12,307	181.38	0.19
26.30	0.00	12,237	181.37	0.19
26.40	0.00	12,168	181.36	0.19
26.50	0.00	12,099	181.35	0.19
26.60	0.00	12,030	181.33	0.19
26.70	0.00	11,961	181.32	0.19
26.80	0.00	11,893	181.31	0.19
26.90	0.00	11,825	181.30	0.19
27.00	0.00	11,758	181.29	0.19
27.10	0.00	11,690	181.28	0.19
27.20	0.00	11,623	181.27	0.19
27.30	0.00	11,556	181.26	0.19
27.40	0.00	11,490	181.25	0.18
27.50	0.00	11,424	181.23	0.18
27.60	0.00	11,358	181.22	0.18
27.70	0.00	11,292	181.21	0.18
27.80	0.00	11,227	181.20	0.18
27.90	0.00	11,162	181.19	0.18
28.00	0.00	11,097	181.18	0.18
28.10	0.00	11,032	181.17	0.18
28.20	0.00	10,968	181.16	0.18
28.30	0.00	10,904	181.15	0.18
28.40	0.00	10,841	181.14	0.18
28.50	0.00	10,777	181.13	0.18
28.60	0.00	10,714	181.12	0.17
28.70	0.00	10,652	181.11	0.17
28.80	0.00	10,589	181.10	0.17
28.90	0.00	10,527	181.08	0.17
29.00	0.00	10,465	181.07	0.17
29.10	0.00	10,404	181.06	0.17
29.20	0.00	10,342	181.05	0.17
29.30	0.00	10,281	181.04	0.17
29.40	0.00	10,221	181.03	0.17
29.50	0.00	10,160	181.02	0.17
29.60	0.00	10,100	181.01	0.17
29.70	0.00	10,041	181.00	0.17
29.80	0.00	9,981	180.99	0.16
29.90	0.00	9,922	180.98	0.16
30.00	0.00	9,863	180.97	0.16
30.10	0.00	9,805	180.96	0.16
30.20	0.00	9,746	180.95	0.16
30.30	0.00	9,688	180.94	0.16
30.40	0.00	9,631	180.93	0.16
30.50	0.00	9,573	180.92	0.16
30.60	0.00	9,516	180.91	0.16
30.70	0.00	9,460	180.90	0.16
30.80	0.00	9,403	180.89	0.16
30.90	0.00	9,347	180.88	0.16
31.00	0.00	9,291	180.87	0.15
31.10	0.00	9,236	180.86	0.15

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,180	180.85	0.15
31.30	0.00	9,126	180.84	0.15
31.40	0.00	9,071	180.83	0.15
31.50	0.00	9,017	180.82	0.15
31.60	0.00	8,963	180.81	0.15
31.70	0.00	8,909	180.81	0.15
31.80	0.00	8,856	180.80	0.15
31.90	0.00	8,802	180.79	0.15
32.00	0.00	8,750	180.78	0.15
32.10	0.00	8,697	180.77	0.15
32.20	0.00	8,645	180.76	0.14
32.30	0.00	8,593	180.75	0.14
32.40	0.00	8,542	180.74	0.14
32.50	0.00	8,491	180.73	0.14
32.60	0.00	8,440	180.72	0.14
32.70	0.00	8,389	180.71	0.14
32.80	0.00	8,339	180.70	0.14
32.90	0.00	8,289	180.69	0.14
33.00	0.00	8,239	180.69	0.14
33.10	0.00	8,190	180.68	0.14
33.20	0.00	8,141	180.67	0.14
33.30	0.00	8,092	180.66	0.13
33.40	0.00	8,044	180.65	0.13
33.50	0.00	7,996	180.64	0.13
33.60	0.00	7,948	180.63	0.13
33.70	0.00	7,900	180.62	0.13
33.80	0.00	7,853	180.62	0.13
33.90	0.00	7,806	180.61	0.13
34.00	0.00	7,760	180.60	0.13
34.10	0.00	7,714	180.59	0.13
34.20	0.00	7,668	180.58	0.13
34.30	0.00	7,622	180.57	0.13
34.40	0.00	7,577	180.57	0.13
34.50	0.00	7,532	180.56	0.12
34.60	0.00	7,488	180.55	0.12
34.70	0.00	7,443	180.54	0.12
34.80	0.00	7,399	180.53	0.12
34.90	0.00	7,356	180.53	0.12
35.00	0.00	7,312	180.52	0.12
35.10	0.00	7,269	180.51	0.12
35.20	0.00	7,227	180.50	0.12
35.30	0.00	7,184	180.49	0.12
35.40	0.00	7,142	180.49	0.12
35.50	0.00	7,101	180.48	0.12
35.60	0.00	7,059	180.47	0.11
35.70	0.00	7,018	180.46	0.11
35.80	0.00	6,977	180.46	0.11
35.90	0.00	6,937	180.45	0.11
36.00	0.00	6,897	180.44	0.11
36.10	0.00	6,857	180.43	0.11
36.20	0.00	6,818	180.43	0.11
36.30	0.00	6,779	180.42	0.11

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,740	180.41	0.11
36.50	0.00	6,701	180.40	0.11
36.60	0.00	6,663	180.40	0.11
36.70	0.00	6,626	180.39	0.10
36.80	0.00	6,588	180.38	0.10
36.90	0.00	6,551	180.38	0.10
37.00	0.00	6,514	180.37	0.10
37.10	0.00	6,478	180.36	0.10
37.20	0.00	6,441	180.36	0.10
37.30	0.00	6,406	180.35	0.10
37.40	0.00	6,370	180.34	0.10
37.50	0.00	6,335	180.34	0.10
37.60	0.00	6,300	180.33	0.10
37.70	0.00	6,266	180.32	0.10
37.80	0.00	6,231	180.32	0.09
37.90	0.00	6,198	180.31	0.09
38.00	0.00	6,164	180.30	0.09
38.10	0.00	6,131	180.30	0.09
38.20	0.00	6,098	180.29	0.09
38.30	0.00	6,066	180.28	0.09
38.40	0.00	6,033	180.28	0.09
38.50	0.00	6,002	180.27	0.09
38.60	0.00	5,970	180.27	0.09
38.70	0.00	5,939	180.26	0.09
38.80	0.00	5,908	180.25	0.09
38.90	0.00	5,878	180.25	0.08
39.00	0.00	5,847	180.24	0.08
39.10	0.00	5,818	180.24	0.08
39.20	0.00	5,788	180.23	0.08
39.30	0.00	5,759	180.23	0.08
39.40	0.00	5,730	180.22	0.08
39.50	0.00	5,702	180.21	0.08
39.60	0.00	5,674	180.21	0.08
39.70	0.00	5,646	180.20	0.08
39.80	0.00	5,618	180.20	0.08
39.90	0.00	5,591	180.19	0.07
40.00	0.00	5,564	180.19	0.07

Stage-Discharge for Pond B-10: Basin #10

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.00	180.04	0.04	180.56	0.12
179.01	0.00	179.53	0.00	180.05	0.04	180.57	0.13
179.02	0.00	179.54	0.00	180.06	0.05	180.58	0.13
179.03	0.00	179.55	0.00	180.07	0.05	180.59	0.13
179.04	0.00	179.56	0.00	180.08	0.05	180.60	0.13
179.05	0.00	179.57	0.00	180.09	0.05	180.61	0.13
179.06	0.00	179.58	0.00	180.10	0.06	180.62	0.13
179.07	0.00	179.59	0.00	180.11	0.06	180.63	0.13
179.08	0.00	179.60	0.00	180.12	0.06	180.64	0.13
179.09	0.00	179.61	0.00	180.13	0.06	180.65	0.13
179.10	0.00	179.62	0.00	180.14	0.06	180.66	0.13
179.11	0.00	179.63	0.00	180.15	0.07	180.67	0.14
179.12	0.00	179.64	0.00	180.16	0.07	180.68	0.14
179.13	0.00	179.65	0.00	180.17	0.07	180.69	0.14
179.14	0.00	179.66	0.00	180.18	0.07	180.70	0.14
179.15	0.00	179.67	0.00	180.19	0.07	180.71	0.14
179.16	0.00	179.68	0.00	180.20	0.08	180.72	0.14
179.17	0.00	179.69	0.00	180.21	0.08	180.73	0.14
179.18	0.00	179.70	0.00	180.22	0.08	180.74	0.14
179.19	0.00	179.71	0.00	180.23	0.08	180.75	0.14
179.20	0.00	179.72	0.00	180.24	0.08	180.76	0.14
179.21	0.00	179.73	0.00	180.25	0.08	180.77	0.15
179.22	0.00	179.74	0.00	180.26	0.09	180.78	0.15
179.23	0.00	179.75	0.00	180.27	0.09	180.79	0.15
179.24	0.00	179.76	0.00	180.28	0.09	180.80	0.15
179.25	0.00	179.77	0.00	180.29	0.09	180.81	0.15
179.26	0.00	179.78	0.00	180.30	0.09	180.82	0.15
179.27	0.00	179.79	0.00	180.31	0.09	180.83	0.15
179.28	0.00	179.80	0.00	180.32	0.10	180.84	0.15
179.29	0.00	179.81	0.00	180.33	0.10	180.85	0.15
179.30	0.00	179.82	0.00	180.34	0.10	180.86	0.15
179.31	0.00	179.83	0.00	180.35	0.10	180.87	0.15
179.32	0.00	179.84	0.00	180.36	0.10	180.88	0.16
179.33	0.00	179.85	0.00	180.37	0.10	180.89	0.16
179.34	0.00	179.86	0.00	180.38	0.10	180.90	0.16
179.35	0.00	179.87	0.00	180.39	0.10	180.91	0.16
179.36	0.00	179.88	0.00	180.40	0.11	180.92	0.16
179.37	0.00	179.89	0.00	180.41	0.11	180.93	0.16
179.38	0.00	179.90	0.00	180.42	0.11	180.94	0.16
179.39	0.00	179.91	0.00	180.43	0.11	180.95	0.16
179.40	0.00	179.92	0.00	180.44	0.11	180.96	0.16
179.41	0.00	179.93	0.00	180.45	0.11	180.97	0.16
179.42	0.00	179.94	0.01	180.46	0.11	180.98	0.16
179.43	0.00	179.95	0.01	180.47	0.11	180.99	0.16
179.44	0.00	179.96	0.01	180.48	0.12	181.00	0.17
179.45	0.00	179.97	0.01	180.49	0.12	181.01	0.17
179.46	0.00	179.98	0.02	180.50	0.12	181.02	0.17
179.47	0.00	179.99	0.02	180.51	0.12	181.03	0.17
179.48	0.00	180.00	0.02	180.52	0.12	181.04	0.17
179.49	0.00	180.01	0.03	180.53	0.12	181.05	0.17
179.50	0.00	180.02	0.03	180.54	0.12	181.06	0.17
179.51	0.00	180.03	0.03	180.55	0.12	181.07	0.17

Stage-Discharge for Pond B-10: Basin #10 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.17	181.60	0.21	182.12	0.78	182.64	6.75
181.09	0.17	181.61	0.21	182.13	0.85	182.65	6.90
181.10	0.17	181.62	0.21	182.14	0.92	182.66	7.05
181.11	0.17	181.63	0.21	182.15	1.00	182.67	7.20
181.12	0.17	181.64	0.21	182.16	1.07	182.68	7.35
181.13	0.18	181.65	0.21	182.17	1.15	182.69	7.51
181.14	0.18	181.66	0.21	182.18	1.23	182.70	7.66
181.15	0.18	181.67	0.21	182.19	1.32	182.71	7.82
181.16	0.18	181.68	0.21	182.20	1.40	182.72	7.97
181.17	0.18	181.69	0.21	182.21	1.49	182.73	8.13
181.18	0.18	181.70	0.22	182.22	1.58	182.74	8.29
181.19	0.18	181.71	0.22	182.23	1.67	182.75	8.45
181.20	0.18	181.72	0.22	182.24	1.77	182.76	8.61
181.21	0.18	181.73	0.22	182.25	1.86	182.77	8.77
181.22	0.18	181.74	0.22	182.26	1.96	182.78	8.93
181.23	0.18	181.75	0.22	182.27	2.06	182.79	9.10
181.24	0.18	181.76	0.22	182.28	2.16	182.80	9.26
181.25	0.18	181.77	0.22	182.29	2.26	182.81	9.43
181.26	0.19	181.78	0.22	182.30	2.37	182.82	9.59
181.27	0.19	181.79	0.22	182.31	2.47	182.83	9.76
181.28	0.19	181.80	0.22	182.32	2.58	182.84	9.92
181.29	0.19	181.81	0.22	182.33	2.69	182.85	10.09
181.30	0.19	181.82	0.22	182.34	2.80	182.86	10.26
181.31	0.19	181.83	0.22	182.35	2.91	182.87	10.43
181.32	0.19	181.84	0.22	182.36	3.03	182.88	10.60
181.33	0.19	181.85	0.22	182.37	3.14	182.89	10.77
181.34	0.19	181.86	0.22	182.38	3.26	182.90	10.95
181.35	0.19	181.87	0.23	182.39	3.38	182.91	11.12
181.36	0.19	181.88	0.23	182.40	3.50	182.92	11.29
181.37	0.19	181.89	0.23	182.41	3.62	182.93	11.47
181.38	0.19	181.90	0.23	182.42	3.74	182.94	11.64
181.39	0.19	181.91	0.23	182.43	3.87	182.95	11.82
181.40	0.20	181.92	0.23	182.44	3.99	182.96	12.11
181.41	0.20	181.93	0.23	182.45	4.12	182.97	12.50
181.42	0.20	181.94	0.23	182.46	4.25	182.98	12.96
181.43	0.20	181.95	0.23	182.47	4.37	182.99	13.47
181.44	0.20	181.96	0.23	182.48	4.50	183.00	14.02
181.45	0.20	181.97	0.23	182.49	4.64		
181.46	0.20	181.98	0.23	182.50	4.77		
181.47	0.20	181.99	0.23	182.51	4.90		
181.48	0.20	182.00	0.23	182.52	5.04		
181.49	0.20	182.01	0.25	182.53	5.18		
181.50	0.20	182.02	0.27	182.54	5.31		
181.51	0.20	182.03	0.30	182.55	5.45		
181.52	0.20	182.04	0.34	182.56	5.59		
181.53	0.20	182.05	0.38	182.57	5.73		
181.54	0.20	182.06	0.43	182.58	5.87		
181.55	0.21	182.07	0.48	182.59	6.02		
181.56	0.21	182.08	0.53	182.60	6.16		
181.57	0.21	182.09	0.59	182.61	6.31		
181.58	0.21	182.10	0.65	182.62	6.45		
181.59	0.21	182.11	0.71	182.63	6.60		

Stage-Area-Storage for Pond B-10: Basin #10

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	4,220	0	179.52	4,627	2,300
179.01	4,228	42	179.53	4,635	2,347
179.02	4,236	85	179.54	4,643	2,393
179.03	4,243	127	179.55	4,651	2,439
179.04	4,251	169	179.56	4,658	2,486
179.05	4,259	212	179.57	4,666	2,533
179.06	4,267	255	179.58	4,674	2,579
179.07	4,275	297	179.59	4,682	2,626
179.08	4,283	340	179.60	4,690	2,673
179.09	4,290	383	179.61	4,698	2,720
179.10	4,298	426	179.62	4,705	2,767
179.11	4,306	469	179.63	4,713	2,814
179.12	4,314	512	179.64	4,721	2,861
179.13	4,322	555	179.65	4,729	2,908
179.14	4,330	598	179.66	4,737	2,956
179.15	4,337	642	179.67	4,745	3,003
179.16	4,345	685	179.68	4,752	3,051
179.17	4,353	729	179.69	4,760	3,098
179.18	4,361	772	179.70	4,768	3,146
179.19	4,369	816	179.71	4,776	3,194
179.20	4,377	860	179.72	4,784	3,241
179.21	4,384	903	179.73	4,792	3,289
179.22	4,392	947	179.74	4,799	3,337
179.23	4,400	991	179.75	4,807	3,385
179.24	4,408	1,035	179.76	4,815	3,433
179.25	4,416	1,079	179.77	4,823	3,482
179.26	4,424	1,124	179.78	4,831	3,530
179.27	4,431	1,168	179.79	4,839	3,578
179.28	4,439	1,212	179.80	4,846	3,627
179.29	4,447	1,257	179.81	4,854	3,675
179.30	4,455	1,301	179.82	4,862	3,724
179.31	4,463	1,346	179.83	4,870	3,772
179.32	4,471	1,390	179.84	4,878	3,821
179.33	4,478	1,435	179.85	4,886	3,870
179.34	4,486	1,480	179.86	4,893	3,919
179.35	4,494	1,525	179.87	4,901	3,968
179.36	4,502	1,570	179.88	4,909	4,017
179.37	4,510	1,615	179.89	4,917	4,066
179.38	4,518	1,660	179.90	4,925	4,115
179.39	4,525	1,705	179.91	4,933	4,164
179.40	4,533	1,751	179.92	4,940	4,214
179.41	4,541	1,796	179.93	4,948	4,263
179.42	4,549	1,841	179.94	4,956	4,313
179.43	4,557	1,887	179.95	4,964	4,362
179.44	4,565	1,933	179.96	4,972	4,412
179.45	4,572	1,978	179.97	4,980	4,462
179.46	4,580	2,024	179.98	4,987	4,512
179.47	4,588	2,070	179.99	4,995	4,562
179.48	4,596	2,116	180.00	5,003	4,612
179.49	4,604	2,162	180.01	5,011	4,662
179.50	4,612	2,208	180.02	5,020	4,712
179.51	4,619	2,254	180.03	5,028	4,762

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	5,036	4,812	180.56	5,468	7,543
180.05	5,045	4,863	180.57	5,476	7,598
180.06	5,053	4,913	180.58	5,484	7,653
180.07	5,061	4,964	180.59	5,493	7,708
180.08	5,069	5,014	180.60	5,501	7,763
180.09	5,078	5,065	180.61	5,509	7,818
180.10	5,086	5,116	180.62	5,518	7,873
180.11	5,094	5,167	180.63	5,526	7,928
180.12	5,103	5,218	180.64	5,534	7,983
180.13	5,111	5,269	180.65	5,543	8,039
180.14	5,119	5,320	180.66	5,551	8,094
180.15	5,128	5,371	180.67	5,559	8,150
180.16	5,136	5,423	180.68	5,567	8,205
180.17	5,144	5,474	180.69	5,576	8,261
180.18	5,152	5,525	180.70	5,584	8,317
180.19	5,161	5,577	180.71	5,592	8,373
180.20	5,169	5,629	180.72	5,601	8,429
180.21	5,177	5,680	180.73	5,609	8,485
180.22	5,186	5,732	180.74	5,617	8,541
180.23	5,194	5,784	180.75	5,626	8,597
180.24	5,202	5,836	180.76	5,634	8,653
180.25	5,211	5,888	180.77	5,642	8,710
180.26	5,219	5,940	180.78	5,650	8,766
180.27	5,227	5,993	180.79	5,659	8,823
180.28	5,235	6,045	180.80	5,667	8,880
180.29	5,244	6,097	180.81	5,675	8,936
180.30	5,252	6,150	180.82	5,684	8,993
180.31	5,260	6,202	180.83	5,692	9,050
180.32	5,269	6,255	180.84	5,700	9,107
180.33	5,277	6,308	180.85	5,708	9,164
180.34	5,285	6,360	180.86	5,717	9,221
180.35	5,293	6,413	180.87	5,725	9,278
180.36	5,302	6,466	180.88	5,733	9,336
180.37	5,310	6,519	180.89	5,742	9,393
180.38	5,318	6,573	180.90	5,750	9,450
180.39	5,327	6,626	180.91	5,758	9,508
180.40	5,335	6,679	180.92	5,767	9,566
180.41	5,343	6,732	180.93	5,775	9,623
180.42	5,352	6,786	180.94	5,783	9,681
180.43	5,360	6,840	180.95	5,791	9,739
180.44	5,368	6,893	180.96	5,800	9,797
180.45	5,376	6,947	180.97	5,808	9,855
180.46	5,385	7,001	180.98	5,816	9,913
180.47	5,393	7,055	180.99	5,825	9,971
180.48	5,401	7,109	181.00	5,833	10,030
180.49	5,410	7,163	181.01	5,842	10,088
180.50	5,418	7,217	181.02	5,851	10,146
180.51	5,426	7,271	181.03	5,859	10,205
180.52	5,435	7,325	181.04	5,868	10,264
180.53	5,443	7,380	181.05	5,877	10,322
180.54	5,451	7,434	181.06	5,886	10,381
180.55	5,460	7,489	181.07	5,894	10,440

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	5,903	10,499	181.60	6,359	13,687
181.09	5,912	10,558	181.61	6,368	13,751
181.10	5,921	10,617	181.62	6,377	13,815
181.11	5,929	10,676	181.63	6,386	13,878
181.12	5,938	10,736	181.64	6,394	13,942
181.13	5,947	10,795	181.65	6,403	14,006
181.14	5,956	10,855	181.66	6,412	14,070
181.15	5,965	10,914	181.67	6,421	14,134
181.16	5,973	10,974	181.68	6,429	14,199
181.17	5,982	11,034	181.69	6,438	14,263
181.18	5,991	11,094	181.70	6,447	14,327
181.19	6,000	11,154	181.71	6,456	14,392
181.20	6,008	11,214	181.72	6,464	14,457
181.21	6,017	11,274	181.73	6,473	14,521
181.22	6,026	11,334	181.74	6,482	14,586
181.23	6,035	11,394	181.75	6,491	14,651
181.24	6,043	11,455	181.76	6,500	14,716
181.25	6,052	11,515	181.77	6,508	14,781
181.26	6,061	11,576	181.78	6,517	14,846
181.27	6,070	11,636	181.79	6,526	14,911
181.28	6,079	11,697	181.80	6,535	14,977
181.29	6,087	11,758	181.81	6,543	15,042
181.30	6,096	11,819	181.82	6,552	15,107
181.31	6,105	11,880	181.83	6,561	15,173
181.32	6,114	11,941	181.84	6,570	15,239
181.33	6,122	12,002	181.85	6,578	15,304
181.34	6,131	12,063	181.86	6,587	15,370
181.35	6,140	12,125	181.87	6,596	15,436
181.36	6,149	12,186	181.88	6,605	15,502
181.37	6,157	12,248	181.89	6,614	15,568
181.38	6,166	12,309	181.90	6,622	15,634
181.39	6,175	12,371	181.91	6,631	15,701
181.40	6,184	12,433	181.92	6,640	15,767
181.41	6,193	12,495	181.93	6,649	15,833
181.42	6,201	12,557	181.94	6,657	15,900
181.43	6,210	12,619	181.95	6,666	15,967
181.44	6,219	12,681	181.96	6,675	16,033
181.45	6,228	12,743	181.97	6,684	16,100
181.46	6,236	12,805	181.98	6,692	16,167
181.47	6,245	12,868	181.99	6,701	16,234
181.48	6,254	12,930	182.00	6,710	16,301
181.49	6,263	12,993	182.01	6,719	16,368
181.50	6,272	13,056	182.02	6,728	16,435
181.51	6,280	13,118	182.03	6,738	16,503
181.52	6,289	13,181	182.04	6,747	16,570
181.53	6,298	13,244	182.05	6,756	16,638
181.54	6,307	13,307	182.06	6,765	16,705
181.55	6,315	13,370	182.07	6,775	16,773
181.56	6,324	13,433	182.08	6,784	16,841
181.57	6,333	13,497	182.09	6,793	16,909
181.58	6,342	13,560	182.10	6,802	16,977
181.59	6,350	13,624	182.11	6,812	17,045

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	6,821	17,113	182.64	7,301	20,784
182.13	6,830	17,181	182.65	7,310	20,857
182.14	6,839	17,249	182.66	7,319	20,931
182.15	6,848	17,318	182.67	7,328	21,004
182.16	6,858	17,386	182.68	7,338	21,077
182.17	6,867	17,455	182.69	7,347	21,151
182.18	6,876	17,524	182.70	7,356	21,224
182.19	6,885	17,593	182.71	7,365	21,298
182.20	6,895	17,661	182.72	7,375	21,371
182.21	6,904	17,730	182.73	7,384	21,445
182.22	6,913	17,800	182.74	7,393	21,519
182.23	6,922	17,869	182.75	7,402	21,593
182.24	6,932	17,938	182.76	7,411	21,667
182.25	6,941	18,007	182.77	7,421	21,741
182.26	6,950	18,077	182.78	7,430	21,816
182.27	6,959	18,146	182.79	7,439	21,890
182.28	6,968	18,216	182.80	7,448	21,964
182.29	6,978	18,286	182.81	7,458	22,039
182.30	6,987	18,356	182.82	7,467	22,114
182.31	6,996	18,425	182.83	7,476	22,188
182.32	7,005	18,495	182.84	7,485	22,263
182.33	7,015	18,566	182.85	7,495	22,338
182.34	7,024	18,636	182.86	7,504	22,413
182.35	7,033	18,706	182.87	7,513	22,488
182.36	7,042	18,776	182.88	7,522	22,563
182.37	7,052	18,847	182.89	7,531	22,638
182.38	7,061	18,917	182.90	7,541	22,714
182.39	7,070	18,988	182.91	7,550	22,789
182.40	7,079	19,059	182.92	7,559	22,865
182.41	7,088	19,130	182.93	7,568	22,940
182.42	7,098	19,201	182.94	7,578	23,016
182.43	7,107	19,272	182.95	7,587	23,092
182.44	7,116	19,343	182.96	7,596	23,168
182.45	7,125	19,414	182.97	7,605	23,244
182.46	7,135	19,485	182.98	7,615	23,320
182.47	7,144	19,557	182.99	7,624	23,396
182.48	7,153	19,628	183.00	7,633	23,473
182.49	7,162	19,700			
182.50	7,172	19,771			
182.51	7,181	19,843			
182.52	7,190	19,915			
182.53	7,199	19,987			
182.54	7,208	20,059			
182.55	7,218	20,131			
182.56	7,227	20,203			
182.57	7,236	20,276			
182.58	7,245	20,348			
182.59	7,255	20,421			
182.60	7,264	20,493			
182.61	7,273	20,566			
182.62	7,282	20,639			
182.63	7,291	20,711			

Summary for Pond B-11: Basin #11

Inflow Area = 2.228 ac, 58.53% Impervious, Inflow Depth = 4.52" for Future 10 yr event
 Inflow = 10.00 cfs @ 12.17 hrs, Volume= 0.838 af
 Outflow = 3.71 cfs @ 12.41 hrs, Volume= 0.678 af, Atten= 63%, Lag= 14.5 min
 Primary = 3.71 cfs @ 12.41 hrs, Volume= 0.678 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.17' @ 12.41 hrs Surf.Area= 7,282 sf Storage= 19,000 cf

Plug-Flow detention time= 478.4 min calculated for 0.678 af (81% of inflow)
 Center-of-Mass det. time= 398.5 min (1,172.8 - 774.3)

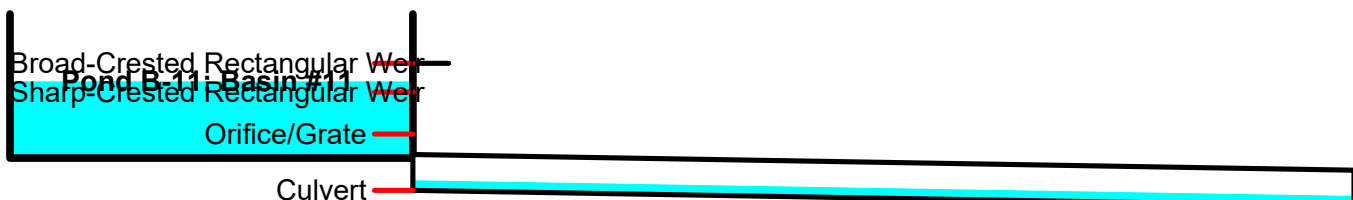
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	43,224 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	4,780	0	0
181.00	5,522	5,151	5,151
182.00	6,306	5,914	11,065
183.00	7,135	6,721	17,786
184.00	8,007	7,571	25,357
185.00	8,923	8,465	33,822
186.00	9,882	9,403	43,224

Device	Routing	Invert	Outlet Devices
#1	Primary	178.65'	18.0" Round Culvert L= 131.0' Ke= 0.500 Inlet / Outlet Invert= 178.65' / 178.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	183.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

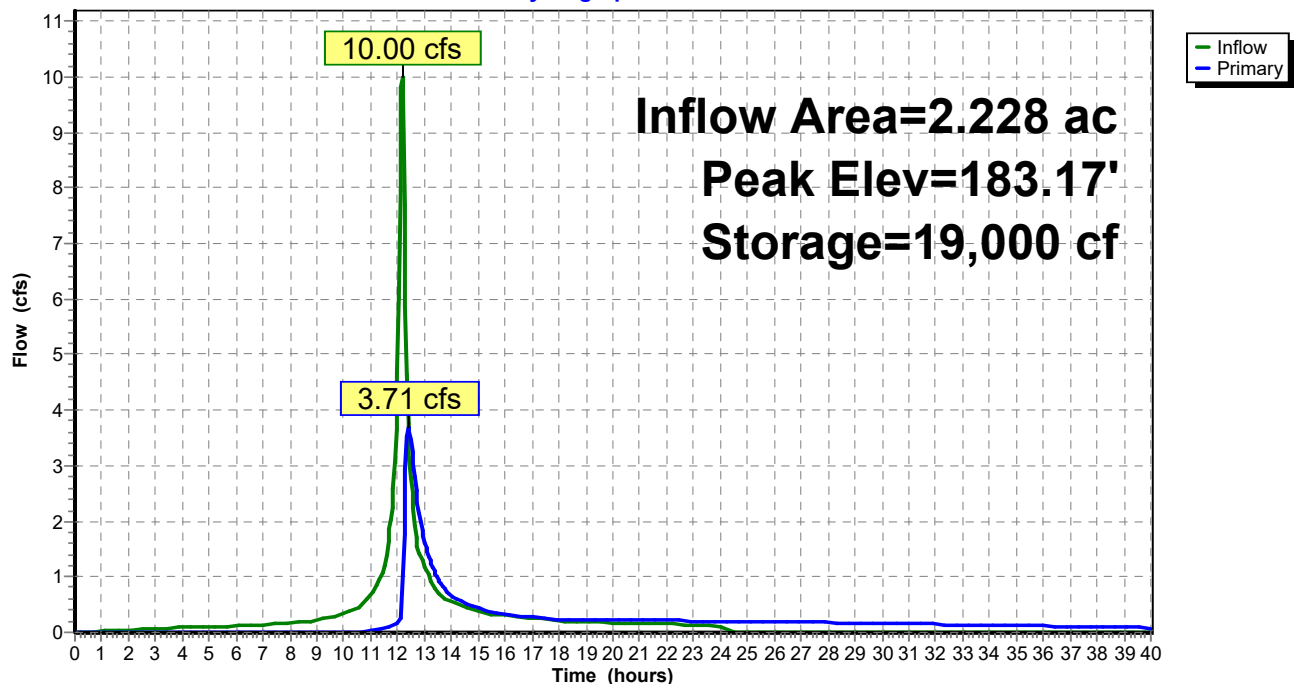
Primary OutFlow Max=3.68 cfs @ 12.41 hrs HW=183.17' (Free Discharge)

1=Culvert (Passes 3.68 cfs of 13.76 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 6.91 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.44 cfs @ 2.11 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-11: Basin #11

Hydrograph



Hydrograph for Pond B-11: Basin #11

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.01	1	180.00	0.00
1.00	0.01	4	180.00	0.00
1.10	0.01	8	180.00	0.00
1.20	0.02	14	180.00	0.00
1.30	0.02	21	180.00	0.00
1.40	0.03	30	180.01	0.00
1.50	0.03	40	180.01	0.00
1.60	0.03	51	180.01	0.00
1.70	0.04	63	180.01	0.00
1.80	0.04	76	180.02	0.00
1.90	0.04	91	180.02	0.00
2.00	0.04	106	180.02	0.00
2.10	0.05	123	180.03	0.00
2.20	0.05	140	180.03	0.00
2.30	0.05	158	180.03	0.00
2.40	0.05	177	180.04	0.00
2.50	0.06	197	180.04	0.00
2.60	0.06	218	180.05	0.00
2.70	0.06	240	180.05	0.00
2.80	0.06	262	180.05	0.00
2.90	0.07	285	180.06	0.00
3.00	0.07	309	180.06	0.00
3.10	0.07	333	180.07	0.00
3.20	0.07	358	180.07	0.00
3.30	0.07	384	180.08	0.00
3.40	0.07	410	180.09	0.00
3.50	0.08	437	180.09	0.00
3.60	0.08	465	180.10	0.00
3.70	0.08	493	180.10	0.00
3.80	0.08	521	180.11	0.00
3.90	0.08	551	180.11	0.00
4.00	0.08	580	180.12	0.00
4.10	0.08	611	180.13	0.00
4.20	0.09	641	180.13	0.00
4.30	0.09	673	180.14	0.00
4.40	0.09	705	180.15	0.00
4.50	0.09	737	180.15	0.00
4.60	0.09	770	180.16	0.00
4.70	0.09	803	180.17	0.00
4.80	0.09	837	180.17	0.00
4.90	0.10	871	180.18	0.00
5.00	0.10	906	180.19	0.00
5.10	0.10	941	180.19	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	976	180.20	0.00
5.30	0.10	1,012	180.21	0.00
5.40	0.10	1,049	180.22	0.00
5.50	0.10	1,085	180.22	0.00
5.60	0.10	1,123	180.23	0.00
5.70	0.11	1,160	180.24	0.00
5.80	0.11	1,198	180.25	0.00
5.90	0.11	1,237	180.25	0.00
6.00	0.11	1,276	180.26	0.00
6.10	0.11	1,315	180.27	0.00
6.20	0.11	1,355	180.28	0.00
6.30	0.12	1,396	180.29	0.00
6.40	0.12	1,438	180.29	0.00
6.50	0.12	1,482	180.30	0.00
6.60	0.13	1,526	180.31	0.00
6.70	0.13	1,572	180.32	0.00
6.80	0.13	1,619	180.33	0.00
6.90	0.13	1,667	180.34	0.00
7.00	0.14	1,716	180.35	0.00
7.10	0.14	1,766	180.36	0.00
7.20	0.14	1,817	180.37	0.00
7.30	0.15	1,870	180.38	0.00
7.40	0.15	1,923	180.39	0.00
7.50	0.15	1,978	180.40	0.00
7.60	0.16	2,034	180.41	0.00
7.70	0.16	2,091	180.42	0.00
7.80	0.16	2,150	180.43	0.00
7.90	0.17	2,209	180.45	0.00
8.00	0.17	2,270	180.46	0.00
8.10	0.17	2,331	180.47	0.00
8.20	0.18	2,394	180.48	0.00
8.30	0.18	2,459	180.50	0.00
8.40	0.18	2,524	180.51	0.00
8.50	0.19	2,592	180.52	0.00
8.60	0.19	2,661	180.53	0.00
8.70	0.20	2,731	180.55	0.00
8.80	0.20	2,803	180.56	0.00
8.90	0.21	2,877	180.58	0.00
9.00	0.21	2,952	180.59	0.00
9.10	0.22	3,030	180.61	0.00
9.20	0.23	3,110	180.62	0.00
9.30	0.24	3,195	180.64	0.00
9.40	0.26	3,285	180.65	0.00
9.50	0.27	3,380	180.67	0.00
9.60	0.28	3,480	180.69	0.00
9.70	0.30	3,585	180.71	0.00
9.80	0.31	3,695	180.73	0.00
9.90	0.33	3,810	180.75	0.00
10.00	0.34	3,931	180.78	0.00
10.10	0.36	4,058	180.80	0.00
10.20	0.37	4,189	180.82	0.00
10.30	0.39	4,327	180.85	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.41	4,470	180.88	0.00
10.50	0.42	4,619	180.90	0.00
10.60	0.45	4,775	180.93	0.00
10.70	0.49	4,944	180.96	0.00
10.80	0.55	5,131	181.00	0.00
10.90	0.60	5,337	181.03	0.00
11.00	0.66	5,562	181.07	0.01
11.10	0.73	5,805	181.12	0.02
11.20	0.83	6,073	181.17	0.04
11.30	0.93	6,373	181.22	0.06
11.40	1.05	6,707	181.28	0.07
11.50	1.15	7,076	181.34	0.08
11.60	1.40	7,496	181.41	0.09
11.70	1.85	8,050	181.51	0.10
11.80	2.25	8,740	181.62	0.12
11.90	3.05	9,638	181.77	0.13
12.00	4.65	10,939	181.98	0.15
12.10	7.95	13,096	182.32	0.18
12.20	9.65	16,362	182.80	0.37
12.30	5.85	18,529	183.10	2.94
12.40	3.77	18,996	183.17	3.70
12.50	2.77	18,854	183.15	3.46
12.60	2.25	18,590	183.11	3.03
12.70	1.70	18,285	183.07	2.56
12.80	1.46	18,004	183.03	2.15
12.90	1.32	17,787	183.00	1.84
13.00	1.19	17,615	182.98	1.62
13.10	1.06	17,470	182.96	1.44
13.20	0.95	17,344	182.94	1.28
13.30	0.87	17,234	182.92	1.16
13.40	0.80	17,138	182.91	1.05
13.50	0.74	17,053	182.90	0.96
13.60	0.67	16,977	182.89	0.87
13.70	0.61	16,906	182.88	0.80
13.80	0.58	16,842	182.87	0.75
13.90	0.56	16,789	182.86	0.70
14.00	0.55	16,745	182.85	0.66
14.10	0.53	16,707	182.85	0.63
14.20	0.51	16,674	182.84	0.60
14.30	0.49	16,645	182.84	0.57
14.40	0.48	16,618	182.83	0.55
14.50	0.46	16,594	182.83	0.53
14.60	0.44	16,570	182.83	0.51
14.70	0.42	16,548	182.82	0.49
14.80	0.41	16,526	182.82	0.47
14.90	0.39	16,504	182.82	0.45
15.00	0.37	16,481	182.82	0.44
15.10	0.35	16,456	182.81	0.42
15.20	0.34	16,430	182.81	0.41
15.30	0.33	16,406	182.80	0.40
15.40	0.33	16,384	182.80	0.38
15.50	0.32	16,364	182.80	0.37

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	16,346	182.80	0.36
15.70	0.31	16,330	182.79	0.35
15.80	0.31	16,316	182.79	0.35
15.90	0.30	16,302	182.79	0.34
16.00	0.30	16,290	182.79	0.33
16.10	0.29	16,278	182.79	0.32
16.20	0.29	16,267	182.78	0.32
16.30	0.28	16,256	182.78	0.31
16.40	0.28	16,246	182.78	0.31
16.50	0.27	16,236	182.78	0.30
16.60	0.27	16,226	182.78	0.30
16.70	0.27	16,217	182.78	0.29
16.80	0.26	16,208	182.78	0.29
16.90	0.26	16,198	182.77	0.28
17.00	0.25	16,189	182.77	0.28
17.10	0.25	16,181	182.77	0.27
17.20	0.24	16,172	182.77	0.27
17.30	0.24	16,163	182.77	0.26
17.40	0.23	16,154	182.77	0.26
17.50	0.23	16,146	182.77	0.25
17.60	0.22	16,137	182.77	0.25
17.70	0.22	16,128	182.76	0.24
17.80	0.21	16,120	182.76	0.24
17.90	0.21	16,111	182.76	0.23
18.00	0.20	16,103	182.76	0.23
18.10	0.20	16,094	182.76	0.22
18.20	0.19	16,085	182.76	0.22
18.30	0.19	16,075	182.76	0.22
18.40	0.19	16,065	182.76	0.22
18.50	0.19	16,056	182.75	0.22
18.60	0.19	16,047	182.75	0.21
18.70	0.19	16,038	182.75	0.21
18.80	0.19	16,029	182.75	0.21
18.90	0.19	16,020	182.75	0.21
19.00	0.18	16,011	182.75	0.21
19.10	0.18	16,002	182.75	0.21
19.20	0.18	15,992	182.74	0.21
19.30	0.18	15,981	182.74	0.21
19.40	0.18	15,971	182.74	0.21
19.50	0.18	15,960	182.74	0.21
19.60	0.18	15,948	182.74	0.21
19.70	0.18	15,936	182.74	0.21
19.80	0.18	15,924	182.74	0.21
19.90	0.17	15,912	182.73	0.21
20.00	0.17	15,899	182.73	0.21
20.10	0.17	15,886	182.73	0.21
20.20	0.17	15,872	182.73	0.21
20.30	0.17	15,858	182.73	0.21
20.40	0.17	15,843	182.72	0.21
20.50	0.17	15,828	182.72	0.21
20.60	0.17	15,813	182.72	0.21
20.70	0.17	15,798	182.72	0.21

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	15,782	182.71	0.21
20.90	0.16	15,766	182.71	0.21
21.00	0.16	15,749	182.71	0.21
21.10	0.16	15,732	182.71	0.21
21.20	0.16	15,714	182.70	0.21
21.30	0.16	15,696	182.70	0.21
21.40	0.16	15,678	182.70	0.21
21.50	0.16	15,660	182.70	0.21
21.60	0.15	15,641	182.69	0.21
21.70	0.15	15,622	182.69	0.21
21.80	0.15	15,602	182.69	0.21
21.90	0.15	15,582	182.69	0.21
22.00	0.15	15,562	182.68	0.21
22.10	0.15	15,541	182.68	0.21
22.20	0.15	15,520	182.68	0.21
22.30	0.15	15,499	182.67	0.21
22.40	0.14	15,477	182.67	0.21
22.50	0.14	15,455	182.67	0.21
22.60	0.14	15,433	182.66	0.20
22.70	0.14	15,410	182.66	0.20
22.80	0.14	15,387	182.66	0.20
22.90	0.14	15,363	182.65	0.20
23.00	0.14	15,340	182.65	0.20
23.10	0.14	15,316	182.65	0.20
23.20	0.13	15,291	182.64	0.20
23.30	0.13	15,266	182.64	0.20
23.40	0.13	15,241	182.64	0.20
23.50	0.13	15,215	182.63	0.20
23.60	0.13	15,190	182.63	0.20
23.70	0.13	15,163	182.62	0.20
23.80	0.13	15,137	182.62	0.20
23.90	0.13	15,110	182.62	0.20
24.00	0.13	15,083	182.61	0.20
24.10	0.11	15,058	182.61	0.20
24.20	0.03	15,010	182.60	0.20
24.30	0.01	14,944	182.59	0.20
24.40	0.00	14,874	182.58	0.20
24.50	0.00	14,802	182.57	0.20
24.60	0.00	14,731	182.56	0.20
24.70	0.00	14,660	182.55	0.20
24.80	0.00	14,589	182.54	0.20
24.90	0.00	14,518	182.53	0.20
25.00	0.00	14,448	182.52	0.20
25.10	0.00	14,378	182.51	0.19
25.20	0.00	14,308	182.50	0.19
25.30	0.00	14,238	182.49	0.19
25.40	0.00	14,169	182.48	0.19
25.50	0.00	14,100	182.47	0.19
25.60	0.00	14,031	182.46	0.19
25.70	0.00	13,962	182.45	0.19
25.80	0.00	13,894	182.44	0.19
25.90	0.00	13,826	182.43	0.19

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,758	182.42	0.19
26.10	0.00	13,691	182.41	0.19
26.20	0.00	13,623	182.40	0.19
26.30	0.00	13,556	182.39	0.19
26.40	0.00	13,490	182.38	0.19
26.50	0.00	13,423	182.37	0.18
26.60	0.00	13,357	182.36	0.18
26.70	0.00	13,291	182.35	0.18
26.80	0.00	13,225	182.34	0.18
26.90	0.00	13,160	182.33	0.18
27.00	0.00	13,095	182.32	0.18
27.10	0.00	13,030	182.31	0.18
27.20	0.00	12,965	182.30	0.18
27.30	0.00	12,901	182.29	0.18
27.40	0.00	12,837	182.28	0.18
27.50	0.00	12,773	182.27	0.18
27.60	0.00	12,709	182.26	0.18
27.70	0.00	12,646	182.25	0.18
27.80	0.00	12,583	182.24	0.17
27.90	0.00	12,520	182.23	0.17
28.00	0.00	12,458	182.22	0.17
28.10	0.00	12,396	182.21	0.17
28.20	0.00	12,334	182.20	0.17
28.30	0.00	12,272	182.19	0.17
28.40	0.00	12,211	182.18	0.17
28.50	0.00	12,149	182.17	0.17
28.60	0.00	12,089	182.16	0.17
28.70	0.00	12,028	182.15	0.17
28.80	0.00	11,968	182.14	0.17
28.90	0.00	11,908	182.13	0.17
29.00	0.00	11,848	182.12	0.17
29.10	0.00	11,788	182.11	0.16
29.20	0.00	11,729	182.10	0.16
29.30	0.00	11,670	182.10	0.16
29.40	0.00	11,611	182.09	0.16
29.50	0.00	11,553	182.08	0.16
29.60	0.00	11,495	182.07	0.16
29.70	0.00	11,437	182.06	0.16
29.80	0.00	11,379	182.05	0.16
29.90	0.00	11,322	182.04	0.16
30.00	0.00	11,265	182.03	0.16
30.10	0.00	11,208	182.02	0.16
30.20	0.00	11,152	182.01	0.16
30.30	0.00	11,096	182.00	0.16
30.40	0.00	11,040	182.00	0.16
30.50	0.00	10,984	181.99	0.15
30.60	0.00	10,929	181.98	0.15
30.70	0.00	10,874	181.97	0.15
30.80	0.00	10,819	181.96	0.15
30.90	0.00	10,764	181.95	0.15
31.00	0.00	10,710	181.94	0.15
31.10	0.00	10,656	181.93	0.15

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,602	181.93	0.15
31.30	0.00	10,549	181.92	0.15
31.40	0.00	10,496	181.91	0.15
31.50	0.00	10,443	181.90	0.15
31.60	0.00	10,390	181.89	0.15
31.70	0.00	10,338	181.88	0.14
31.80	0.00	10,286	181.88	0.14
31.90	0.00	10,234	181.87	0.14
32.00	0.00	10,183	181.86	0.14
32.10	0.00	10,131	181.85	0.14
32.20	0.00	10,081	181.84	0.14
32.30	0.00	10,030	181.83	0.14
32.40	0.00	9,980	181.83	0.14
32.50	0.00	9,930	181.82	0.14
32.60	0.00	9,880	181.81	0.14
32.70	0.00	9,830	181.80	0.14
32.80	0.00	9,781	181.79	0.14
32.90	0.00	9,732	181.79	0.14
33.00	0.00	9,684	181.78	0.13
33.10	0.00	9,635	181.77	0.13
33.20	0.00	9,587	181.76	0.13
33.30	0.00	9,539	181.75	0.13
33.40	0.00	9,492	181.75	0.13
33.50	0.00	9,445	181.74	0.13
33.60	0.00	9,398	181.73	0.13
33.70	0.00	9,351	181.72	0.13
33.80	0.00	9,305	181.72	0.13
33.90	0.00	9,259	181.71	0.13
34.00	0.00	9,213	181.70	0.13
34.10	0.00	9,167	181.69	0.13
34.20	0.00	9,122	181.69	0.13
34.30	0.00	9,077	181.68	0.12
34.40	0.00	9,033	181.67	0.12
34.50	0.00	8,988	181.66	0.12
34.60	0.00	8,944	181.66	0.12
34.70	0.00	8,901	181.65	0.12
34.80	0.00	8,857	181.64	0.12
34.90	0.00	8,814	181.63	0.12
35.00	0.00	8,771	181.63	0.12
35.10	0.00	8,728	181.62	0.12
35.20	0.00	8,686	181.61	0.12
35.30	0.00	8,644	181.61	0.12
35.40	0.00	8,602	181.60	0.12
35.50	0.00	8,561	181.59	0.11
35.60	0.00	8,520	181.59	0.11
35.70	0.00	8,479	181.58	0.11
35.80	0.00	8,439	181.57	0.11
35.90	0.00	8,398	181.57	0.11
36.00	0.00	8,358	181.56	0.11
36.10	0.00	8,319	181.55	0.11
36.20	0.00	8,279	181.55	0.11
36.30	0.00	8,240	181.54	0.11

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,201	181.53	0.11
36.50	0.00	8,163	181.53	0.11
36.60	0.00	8,125	181.52	0.11
36.70	0.00	8,087	181.51	0.10
36.80	0.00	8,049	181.51	0.10
36.90	0.00	8,012	181.50	0.10
37.00	0.00	7,975	181.49	0.10
37.10	0.00	7,938	181.49	0.10
37.20	0.00	7,902	181.48	0.10
37.30	0.00	7,865	181.48	0.10
37.40	0.00	7,830	181.47	0.10
37.50	0.00	7,794	181.46	0.10
37.60	0.00	7,759	181.46	0.10
37.70	0.00	7,724	181.45	0.10
37.80	0.00	7,689	181.45	0.10
37.90	0.00	7,655	181.44	0.10
38.00	0.00	7,621	181.43	0.09
38.10	0.00	7,587	181.43	0.09
38.20	0.00	7,554	181.42	0.09
38.30	0.00	7,520	181.42	0.09
38.40	0.00	7,488	181.41	0.09
38.50	0.00	7,455	181.41	0.09
38.60	0.00	7,423	181.40	0.09
38.70	0.00	7,391	181.39	0.09
38.80	0.00	7,359	181.39	0.09
38.90	0.00	7,328	181.38	0.09
39.00	0.00	7,297	181.38	0.09
39.10	0.00	7,266	181.37	0.09
39.20	0.00	7,235	181.37	0.08
39.30	0.00	7,205	181.36	0.08
39.40	0.00	7,176	181.36	0.08
39.50	0.00	7,146	181.35	0.08
39.60	0.00	7,117	181.35	0.08
39.70	0.00	7,088	181.34	0.08
39.80	0.00	7,059	181.34	0.08
39.90	0.00	7,031	181.33	0.08
40.00	0.00	7,003	181.33	0.08

Stage-Discharge for Pond B-11: Basin #11

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.11
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.11
180.02	0.00	180.54	0.00	181.06	0.01	181.58	0.11
180.03	0.00	180.55	0.00	181.07	0.01	181.59	0.11
180.04	0.00	180.56	0.00	181.08	0.01	181.60	0.12
180.05	0.00	180.57	0.00	181.09	0.01	181.61	0.12
180.06	0.00	180.58	0.00	181.10	0.02	181.62	0.12
180.07	0.00	180.59	0.00	181.11	0.02	181.63	0.12
180.08	0.00	180.60	0.00	181.12	0.02	181.64	0.12
180.09	0.00	180.61	0.00	181.13	0.03	181.65	0.12
180.10	0.00	180.62	0.00	181.14	0.03	181.66	0.12
180.11	0.00	180.63	0.00	181.15	0.03	181.67	0.12
180.12	0.00	180.64	0.00	181.16	0.04	181.68	0.12
180.13	0.00	180.65	0.00	181.17	0.04	181.69	0.13
180.14	0.00	180.66	0.00	181.18	0.05	181.70	0.13
180.15	0.00	180.67	0.00	181.19	0.05	181.71	0.13
180.16	0.00	180.68	0.00	181.20	0.05	181.72	0.13
180.17	0.00	180.69	0.00	181.21	0.05	181.73	0.13
180.18	0.00	180.70	0.00	181.22	0.06	181.74	0.13
180.19	0.00	180.71	0.00	181.23	0.06	181.75	0.13
180.20	0.00	180.72	0.00	181.24	0.06	181.76	0.13
180.21	0.00	180.73	0.00	181.25	0.06	181.77	0.13
180.22	0.00	180.74	0.00	181.26	0.06	181.78	0.13
180.23	0.00	180.75	0.00	181.27	0.07	181.79	0.14
180.24	0.00	180.76	0.00	181.28	0.07	181.80	0.14
180.25	0.00	180.77	0.00	181.29	0.07	181.81	0.14
180.26	0.00	180.78	0.00	181.30	0.07	181.82	0.14
180.27	0.00	180.79	0.00	181.31	0.07	181.83	0.14
180.28	0.00	180.80	0.00	181.32	0.08	181.84	0.14
180.29	0.00	180.81	0.00	181.33	0.08	181.85	0.14
180.30	0.00	180.82	0.00	181.34	0.08	181.86	0.14
180.31	0.00	180.83	0.00	181.35	0.08	181.87	0.14
180.32	0.00	180.84	0.00	181.36	0.08	181.88	0.14
180.33	0.00	180.85	0.00	181.37	0.08	181.89	0.15
180.34	0.00	180.86	0.00	181.38	0.09	181.90	0.15
180.35	0.00	180.87	0.00	181.39	0.09	181.91	0.15
180.36	0.00	180.88	0.00	181.40	0.09	181.92	0.15
180.37	0.00	180.89	0.00	181.41	0.09	181.93	0.15
180.38	0.00	180.90	0.00	181.42	0.09	181.94	0.15
180.39	0.00	180.91	0.00	181.43	0.09	181.95	0.15
180.40	0.00	180.92	0.00	181.44	0.10	181.96	0.15
180.41	0.00	180.93	0.00	181.45	0.10	181.97	0.15
180.42	0.00	180.94	0.00	181.46	0.10	181.98	0.15
180.43	0.00	180.95	0.00	181.47	0.10	181.99	0.15
180.44	0.00	180.96	0.00	181.48	0.10	182.00	0.16
180.45	0.00	180.97	0.00	181.49	0.10	182.01	0.16
180.46	0.00	180.98	0.00	181.50	0.10	182.02	0.16
180.47	0.00	180.99	0.00	181.51	0.10	182.03	0.16
180.48	0.00	181.00	0.00	181.52	0.11	182.04	0.16
180.49	0.00	181.01	0.00	181.53	0.11	182.05	0.16
180.50	0.00	181.02	0.00	181.54	0.11	182.06	0.16
180.51	0.00	181.03	0.00	181.55	0.11	182.07	0.16

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.16	182.60	0.20	183.12	3.12	183.64	10.75
182.09	0.16	182.61	0.20	183.13	3.24	183.65	10.93
182.10	0.16	182.62	0.20	183.14	3.36	183.66	11.10
182.11	0.16	182.63	0.20	183.15	3.48	183.67	11.27
182.12	0.17	182.64	0.20	183.16	3.60	183.68	11.45
182.13	0.17	182.65	0.20	183.17	3.72	183.69	11.62
182.14	0.17	182.66	0.20	183.18	3.85	183.70	11.80
182.15	0.17	182.67	0.21	183.19	3.97	183.71	11.98
182.16	0.17	182.68	0.21	183.20	4.10	183.72	12.16
182.17	0.17	182.69	0.21	183.21	4.23	183.73	12.33
182.18	0.17	182.70	0.21	183.22	4.35	183.74	12.51
182.19	0.17	182.71	0.21	183.23	4.48	183.75	12.69
182.20	0.17	182.72	0.21	183.24	4.62	183.76	12.87
182.21	0.17	182.73	0.21	183.25	4.75	183.77	13.06
182.22	0.17	182.74	0.21	183.26	4.88	183.78	13.24
182.23	0.17	182.75	0.21	183.27	5.02	183.79	13.42
182.24	0.17	182.76	0.22	183.28	5.16	183.80	13.60
182.25	0.18	182.77	0.25	183.29	5.29	183.81	13.79
182.26	0.18	182.78	0.28	183.30	5.43	183.82	13.97
182.27	0.18	182.79	0.32	183.31	5.57	183.83	14.16
182.28	0.18	182.80	0.36	183.32	5.71	183.84	14.35
182.29	0.18	182.81	0.41	183.33	5.85	183.85	14.53
182.30	0.18	182.82	0.46	183.34	6.00	183.86	14.72
182.31	0.18	182.83	0.51	183.35	6.14	183.87	14.91
182.32	0.18	182.84	0.57	183.36	6.29	183.88	15.04
182.33	0.18	182.85	0.63	183.37	6.43	183.89	15.05
182.34	0.18	182.86	0.69	183.38	6.58	183.90	15.07
182.35	0.18	182.87	0.76	183.39	6.73	183.91	15.09
182.36	0.18	182.88	0.83	183.40	6.88	183.92	15.11
182.37	0.18	182.89	0.90	183.41	7.03	183.93	15.12
182.38	0.19	182.90	0.97	183.42	7.18	183.94	15.14
182.39	0.19	182.91	1.05	183.43	7.34	183.95	15.16
182.40	0.19	182.92	1.13	183.44	7.49	183.96	15.29
182.41	0.19	182.93	1.21	183.45	7.64	183.97	15.52
182.42	0.19	182.94	1.30	183.46	7.80	183.98	15.82
182.43	0.19	182.95	1.38	183.47	7.96	183.99	16.16
182.44	0.19	182.96	1.47	183.48	8.11	184.00	16.55
182.45	0.19	182.97	1.56	183.49	8.27	184.01	16.98
182.46	0.19	182.98	1.65	183.50	8.43	184.02	17.45
182.47	0.19	182.99	1.74	183.51	8.59	184.03	17.95
182.48	0.19	183.00	1.84	183.52	8.75	184.04	18.48
182.49	0.19	183.01	1.94	183.53	8.91	184.05	19.04
182.50	0.19	183.02	2.04	183.54	9.08	184.06	19.63
182.51	0.19	183.03	2.14	183.55	9.24	184.07	20.25
182.52	0.20	183.04	2.24	183.56	9.41	184.08	20.89
182.53	0.20	183.05	2.35	183.57	9.57	184.09	21.56
182.54	0.20	183.06	2.45	183.58	9.74	184.10	22.26
182.55	0.20	183.07	2.56	183.59	9.91	184.11	22.97
182.56	0.20	183.08	2.67	183.60	10.07	184.12	23.71
182.57	0.20	183.09	2.78	183.61	10.24	184.13	24.47
182.58	0.20	183.10	2.89	183.62	10.41	184.14	25.25
182.59	0.20	183.11	3.01	183.63	10.58	184.15	26.06

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	26.92	184.68	103.08	185.20	213.99	185.72	356.44
184.17	27.81	184.69	104.90	185.21	216.43	185.73	359.48
184.18	28.73	184.70	106.72	185.22	218.87	185.74	362.53
184.19	29.67	184.71	108.56	185.23	221.33	185.75	365.59
184.20	30.63	184.72	110.41	185.24	223.80	185.76	368.66
184.21	31.62	184.73	112.27	185.25	226.27	185.77	371.74
184.22	32.63	184.74	114.14	185.26	228.76	185.78	374.83
184.23	33.67	184.75	116.03	185.27	231.26	185.79	377.93
184.24	34.74	184.76	117.96	185.28	233.77	185.80	381.05
184.25	35.83	184.77	119.91	185.29	236.28	185.81	384.17
184.26	36.94	184.78	121.87	185.30	238.81	185.82	387.30
184.27	38.08	184.79	123.85	185.31	241.35	185.83	390.45
184.28	39.24	184.80	125.84	185.32	243.90	185.84	393.60
184.29	40.43	184.81	127.84	185.33	246.46	185.85	396.77
184.30	41.64	184.82	129.85	185.34	249.03	185.86	399.94
184.31	42.87	184.83	131.88	185.35	251.61	185.87	403.13
184.32	44.13	184.84	133.92	185.36	254.25	185.88	406.32
184.33	45.41	184.85	135.97	185.37	256.90	185.89	409.53
184.34	46.72	184.86	138.04	185.38	259.55	185.90	412.75
184.35	48.05	184.87	140.12	185.39	262.22	185.91	415.98
184.36	49.44	184.88	142.21	185.40	264.90	185.92	419.21
184.37	50.84	184.89	144.31	185.41	267.59	185.93	422.46
184.38	52.28	184.90	146.43	185.42	270.30	185.94	425.72
184.39	53.74	184.91	148.56	185.43	273.01	185.95	428.99
184.40	55.22	184.92	150.70	185.44	275.73	185.96	432.33
184.41	56.74	184.93	152.86	185.45	278.47	185.97	435.69
184.42	58.28	184.94	155.03	185.46	281.22	185.98	439.05
184.43	59.84	184.95	157.21	185.47	283.97	185.99	442.43
184.44	61.43	184.96	159.34	185.48	286.74	186.00	445.82
184.45	63.05	184.97	161.49	185.49	289.52		
184.46	64.69	184.98	163.66	185.50	292.31		
184.47	66.37	184.99	165.83	185.51	295.11		
184.48	68.06	185.00	168.01	185.52	297.93		
184.49	69.79	185.01	170.20	185.53	300.75		
184.50	71.54	185.02	172.40	185.54	303.58		
184.51	73.32	185.03	174.62	185.55	306.43		
184.52	75.12	185.04	176.84	185.56	309.28		
184.53	76.95	185.05	179.08	185.57	312.15		
184.54	78.81	185.06	181.32	185.58	315.03		
184.55	80.70	185.07	183.58	185.59	317.92		
184.56	82.34	185.08	185.84	185.60	320.82		
184.57	83.99	185.09	188.12	185.61	323.73		
184.58	85.66	185.10	190.40	185.62	326.65		
184.59	87.35	185.11	192.70	185.63	329.58		
184.60	89.04	185.12	195.00	185.64	332.52		
184.61	90.75	185.13	197.32	185.65	335.47		
184.62	92.48	185.14	199.65	185.66	338.44		
184.63	94.21	185.15	201.98	185.67	341.41		
184.64	95.96	185.16	204.36	185.68	344.40		
184.65	97.72	185.17	206.75	185.69	347.39		
184.66	99.50	185.18	209.16	185.70	350.40		
184.67	101.28	185.19	211.57	185.71	353.42		

Stage-Area-Storage for Pond B-11: Basin #11

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	4,780	0	180.52	5,166	2,586
180.01	4,787	48	180.53	5,173	2,638
180.02	4,795	96	180.54	5,181	2,689
180.03	4,802	144	180.55	5,188	2,741
180.04	4,810	192	180.56	5,196	2,793
180.05	4,817	240	180.57	5,203	2,845
180.06	4,825	288	180.58	5,210	2,897
180.07	4,832	336	180.59	5,218	2,949
180.08	4,839	385	180.60	5,225	3,002
180.09	4,847	433	180.61	5,233	3,054
180.10	4,854	482	180.62	5,240	3,106
180.11	4,862	530	180.63	5,247	3,159
180.12	4,869	579	180.64	5,255	3,211
180.13	4,876	628	180.65	5,262	3,264
180.14	4,884	676	180.66	5,270	3,316
180.15	4,891	725	180.67	5,277	3,369
180.16	4,899	774	180.68	5,285	3,422
180.17	4,906	823	180.69	5,292	3,475
180.18	4,914	872	180.70	5,299	3,528
180.19	4,921	922	180.71	5,307	3,581
180.20	4,928	971	180.72	5,314	3,634
180.21	4,936	1,020	180.73	5,322	3,687
180.22	4,943	1,070	180.74	5,329	3,740
180.23	4,951	1,119	180.75	5,337	3,794
180.24	4,958	1,169	180.76	5,344	3,847
180.25	4,966	1,218	180.77	5,351	3,901
180.26	4,973	1,268	180.78	5,359	3,954
180.27	4,980	1,318	180.79	5,366	4,008
180.28	4,988	1,367	180.80	5,374	4,061
180.29	4,995	1,417	180.81	5,381	4,115
180.30	5,003	1,467	180.82	5,388	4,169
180.31	5,010	1,517	180.83	5,396	4,223
180.32	5,017	1,568	180.84	5,403	4,277
180.33	5,025	1,618	180.85	5,411	4,331
180.34	5,032	1,668	180.86	5,418	4,385
180.35	5,040	1,718	180.87	5,426	4,439
180.36	5,047	1,769	180.88	5,433	4,494
180.37	5,055	1,819	180.89	5,440	4,548
180.38	5,062	1,870	180.90	5,448	4,603
180.39	5,069	1,921	180.91	5,455	4,657
180.40	5,077	1,971	180.92	5,463	4,712
180.41	5,084	2,022	180.93	5,470	4,766
180.42	5,092	2,073	180.94	5,477	4,821
180.43	5,099	2,124	180.95	5,485	4,876
180.44	5,106	2,175	180.96	5,492	4,931
180.45	5,114	2,226	180.97	5,500	4,986
180.46	5,121	2,277	180.98	5,507	5,041
180.47	5,129	2,329	180.99	5,515	5,096
180.48	5,136	2,380	181.00	5,522	5,151
180.49	5,144	2,431	181.01	5,530	5,206
180.50	5,151	2,483	181.02	5,538	5,262
180.51	5,158	2,534	181.03	5,546	5,317

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	5,553	5,373	181.56	5,961	8,366
181.05	5,561	5,428	181.57	5,969	8,426
181.06	5,569	5,484	181.58	5,977	8,486
181.07	5,577	5,539	181.59	5,985	8,545
181.08	5,585	5,595	181.60	5,992	8,605
181.09	5,593	5,651	181.61	6,000	8,665
181.10	5,600	5,707	181.62	6,008	8,725
181.11	5,608	5,763	181.63	6,016	8,785
181.12	5,616	5,819	181.64	6,024	8,846
181.13	5,624	5,875	181.65	6,032	8,906
181.14	5,632	5,932	181.66	6,039	8,966
181.15	5,640	5,988	181.67	6,047	9,027
181.16	5,647	6,045	181.68	6,055	9,087
181.17	5,655	6,101	181.69	6,063	9,148
181.18	5,663	6,158	181.70	6,071	9,208
181.19	5,671	6,214	181.71	6,079	9,269
181.20	5,679	6,271	181.72	6,086	9,330
181.21	5,687	6,328	181.73	6,094	9,391
181.22	5,694	6,385	181.74	6,102	9,452
181.23	5,702	6,442	181.75	6,110	9,513
181.24	5,710	6,499	181.76	6,118	9,574
181.25	5,718	6,556	181.77	6,126	9,635
181.26	5,726	6,613	181.78	6,134	9,697
181.27	5,734	6,671	181.79	6,141	9,758
181.28	5,742	6,728	181.80	6,149	9,819
181.29	5,749	6,785	181.81	6,157	9,881
181.30	5,757	6,843	181.82	6,165	9,943
181.31	5,765	6,900	181.83	6,173	10,004
181.32	5,773	6,958	181.84	6,181	10,066
181.33	5,781	7,016	181.85	6,188	10,128
181.34	5,789	7,074	181.86	6,196	10,190
181.35	5,796	7,132	181.87	6,204	10,252
181.36	5,804	7,190	181.88	6,212	10,314
181.37	5,812	7,248	181.89	6,220	10,376
181.38	5,820	7,306	181.90	6,228	10,438
181.39	5,828	7,364	181.91	6,235	10,501
181.40	5,836	7,423	181.92	6,243	10,563
181.41	5,843	7,481	181.93	6,251	10,626
181.42	5,851	7,539	181.94	6,259	10,688
181.43	5,859	7,598	181.95	6,267	10,751
181.44	5,867	7,657	181.96	6,275	10,813
181.45	5,875	7,715	181.97	6,282	10,876
181.46	5,883	7,774	181.98	6,290	10,939
181.47	5,890	7,833	181.99	6,298	11,002
181.48	5,898	7,892	182.00	6,306	11,065
181.49	5,906	7,951	182.01	6,314	11,128
181.50	5,914	8,010	182.02	6,323	11,191
181.51	5,922	8,069	182.03	6,331	11,255
181.52	5,930	8,128	182.04	6,339	11,318
181.53	5,938	8,188	182.05	6,347	11,381
181.54	5,945	8,247	182.06	6,356	11,445
181.55	5,953	8,307	182.07	6,364	11,508

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	6,372	11,572	182.60	6,803	14,998
182.09	6,381	11,636	182.61	6,812	15,066
182.10	6,389	11,700	182.62	6,820	15,134
182.11	6,397	11,764	182.63	6,828	15,202
182.12	6,405	11,828	182.64	6,837	15,271
182.13	6,414	11,892	182.65	6,845	15,339
182.14	6,422	11,956	182.66	6,853	15,408
182.15	6,430	12,020	182.67	6,861	15,476
182.16	6,439	12,085	182.68	6,870	15,545
182.17	6,447	12,149	182.69	6,878	15,613
182.18	6,455	12,214	182.70	6,886	15,682
182.19	6,464	12,278	182.71	6,895	15,751
182.20	6,472	12,343	182.72	6,903	15,820
182.21	6,480	12,408	182.73	6,911	15,889
182.22	6,488	12,472	182.74	6,919	15,958
182.23	6,497	12,537	182.75	6,928	16,028
182.24	6,505	12,602	182.76	6,936	16,097
182.25	6,513	12,667	182.77	6,944	16,166
182.26	6,522	12,733	182.78	6,953	16,236
182.27	6,530	12,798	182.79	6,961	16,305
182.28	6,538	12,863	182.80	6,969	16,375
182.29	6,546	12,929	182.81	6,977	16,445
182.30	6,555	12,994	182.82	6,986	16,515
182.31	6,563	13,060	182.83	6,994	16,585
182.32	6,571	13,125	182.84	7,002	16,655
182.33	6,580	13,191	182.85	7,011	16,725
182.34	6,588	13,257	182.86	7,019	16,795
182.35	6,596	13,323	182.87	7,027	16,865
182.36	6,604	13,389	182.88	7,036	16,935
182.37	6,613	13,455	182.89	7,044	17,006
182.38	6,621	13,521	182.90	7,052	17,076
182.39	6,629	13,587	182.91	7,060	17,147
182.40	6,638	13,654	182.92	7,069	17,217
182.41	6,646	13,720	182.93	7,077	17,288
182.42	6,654	13,787	182.94	7,085	17,359
182.43	6,662	13,853	182.95	7,094	17,430
182.44	6,671	13,920	182.96	7,102	17,501
182.45	6,679	13,987	182.97	7,110	17,572
182.46	6,687	14,053	182.98	7,118	17,643
182.47	6,696	14,120	182.99	7,127	17,714
182.48	6,704	14,187	183.00	7,135	17,786
182.49	6,712	14,254	183.01	7,144	17,857
182.50	6,721	14,322	183.02	7,152	17,928
182.51	6,729	14,389	183.03	7,161	18,000
182.52	6,737	14,456	183.04	7,170	18,072
182.53	6,745	14,524	183.05	7,179	18,143
182.54	6,754	14,591	183.06	7,187	18,215
182.55	6,762	14,659	183.07	7,196	18,287
182.56	6,770	14,726	183.08	7,205	18,359
182.57	6,779	14,794	183.09	7,213	18,431
182.58	6,787	14,862	183.10	7,222	18,503
182.59	6,795	14,930	183.11	7,231	18,576

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	7,240	18,648	183.64	7,693	22,530
183.13	7,248	18,720	183.65	7,702	22,607
183.14	7,257	18,793	183.66	7,711	22,685
183.15	7,266	18,866	183.67	7,719	22,762
183.16	7,275	18,938	183.68	7,728	22,839
183.17	7,283	19,011	183.69	7,737	22,916
183.18	7,292	19,084	183.70	7,745	22,994
183.19	7,301	19,157	183.71	7,754	23,071
183.20	7,309	19,230	183.72	7,763	23,149
183.21	7,318	19,303	183.73	7,772	23,226
183.22	7,327	19,376	183.74	7,780	23,304
183.23	7,336	19,450	183.75	7,789	23,382
183.24	7,344	19,523	183.76	7,798	23,460
183.25	7,353	19,597	183.77	7,806	23,538
183.26	7,362	19,670	183.78	7,815	23,616
183.27	7,370	19,744	183.79	7,824	23,694
183.28	7,379	19,817	183.80	7,833	23,773
183.29	7,388	19,891	183.81	7,841	23,851
183.30	7,397	19,965	183.82	7,850	23,929
183.31	7,405	20,039	183.83	7,859	24,008
183.32	7,414	20,113	183.84	7,867	24,087
183.33	7,423	20,188	183.85	7,876	24,165
183.34	7,431	20,262	183.86	7,885	24,244
183.35	7,440	20,336	183.87	7,894	24,323
183.36	7,449	20,411	183.88	7,902	24,402
183.37	7,458	20,485	183.89	7,911	24,481
183.38	7,466	20,560	183.90	7,920	24,560
183.39	7,475	20,634	183.91	7,929	24,639
183.40	7,484	20,709	183.92	7,937	24,719
183.41	7,493	20,784	183.93	7,946	24,798
183.42	7,501	20,859	183.94	7,955	24,878
183.43	7,510	20,934	183.95	7,963	24,957
183.44	7,519	21,009	183.96	7,972	25,037
183.45	7,527	21,085	183.97	7,981	25,117
183.46	7,536	21,160	183.98	7,990	25,197
183.47	7,545	21,235	183.99	7,998	25,276
183.48	7,554	21,311	184.00	8,007	25,357
183.49	7,562	21,386	184.01	8,016	25,437
183.50	7,571	21,462	184.02	8,025	25,517
183.51	7,580	21,538	184.03	8,034	25,597
183.52	7,588	21,614	184.04	8,044	25,678
183.53	7,597	21,690	184.05	8,053	25,758
183.54	7,606	21,766	184.06	8,062	25,839
183.55	7,615	21,842	184.07	8,071	25,919
183.56	7,623	21,918	184.08	8,080	26,000
183.57	7,632	21,994	184.09	8,089	26,081
183.58	7,641	22,070	184.10	8,099	26,162
183.59	7,649	22,147	184.11	8,108	26,243
183.60	7,658	22,223	184.12	8,117	26,324
183.61	7,667	22,300	184.13	8,126	26,405
183.62	7,676	22,377	184.14	8,135	26,486
183.63	7,684	22,454	184.15	8,144	26,568

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	8,154	26,649	184.68	8,630	31,013
184.17	8,163	26,731	184.69	8,639	31,099
184.18	8,172	26,813	184.70	8,648	31,186
184.19	8,181	26,894	184.71	8,657	31,272
184.20	8,190	26,976	184.72	8,667	31,359
184.21	8,199	27,058	184.73	8,676	31,446
184.22	8,209	27,140	184.74	8,685	31,532
184.23	8,218	27,222	184.75	8,694	31,619
184.24	8,227	27,305	184.76	8,703	31,706
184.25	8,236	27,387	184.77	8,712	31,793
184.26	8,245	27,469	184.78	8,721	31,881
184.27	8,254	27,552	184.79	8,731	31,968
184.28	8,263	27,634	184.80	8,740	32,055
184.29	8,273	27,717	184.81	8,749	32,143
184.30	8,282	27,800	184.82	8,758	32,230
184.31	8,291	27,883	184.83	8,767	32,318
184.32	8,300	27,966	184.84	8,776	32,406
184.33	8,309	28,049	184.85	8,786	32,493
184.34	8,318	28,132	184.86	8,795	32,581
184.35	8,328	28,215	184.87	8,804	32,669
184.36	8,337	28,298	184.88	8,813	32,757
184.37	8,346	28,382	184.89	8,822	32,846
184.38	8,355	28,465	184.90	8,831	32,934
184.39	8,364	28,549	184.91	8,841	33,022
184.40	8,373	28,633	184.92	8,850	33,111
184.41	8,383	28,716	184.93	8,859	33,199
184.42	8,392	28,800	184.94	8,868	33,288
184.43	8,401	28,884	184.95	8,877	33,376
184.44	8,410	28,968	184.96	8,886	33,465
184.45	8,419	29,052	184.97	8,896	33,554
184.46	8,428	29,137	184.98	8,905	33,643
184.47	8,438	29,221	184.99	8,914	33,732
184.48	8,447	29,305	185.00	8,923	33,822
184.49	8,456	29,390	185.01	8,933	33,911
184.50	8,465	29,475	185.02	8,942	34,000
184.51	8,474	29,559	185.03	8,952	34,090
184.52	8,483	29,644	185.04	8,961	34,179
184.53	8,492	29,729	185.05	8,971	34,269
184.54	8,502	29,814	185.06	8,981	34,359
184.55	8,511	29,899	185.07	8,990	34,448
184.56	8,520	29,984	185.08	9,000	34,538
184.57	8,529	30,069	185.09	9,009	34,628
184.58	8,538	30,155	185.10	9,019	34,719
184.59	8,547	30,240	185.11	9,028	34,809
184.60	8,557	30,326	185.12	9,038	34,899
184.61	8,566	30,411	185.13	9,048	34,990
184.62	8,575	30,497	185.14	9,057	35,080
184.63	8,584	30,583	185.15	9,067	35,171
184.64	8,593	30,669	185.16	9,076	35,261
184.65	8,602	30,755	185.17	9,086	35,352
184.66	8,612	30,841	185.18	9,096	35,443
184.67	8,621	30,927	185.19	9,105	35,534

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	9,115	35,625	185.72	9,613	40,495
185.21	9,124	35,716	185.73	9,623	40,591
185.22	9,134	35,808	185.74	9,633	40,687
185.23	9,144	35,899	185.75	9,642	40,783
185.24	9,153	35,991	185.76	9,652	40,880
185.25	9,163	36,082	185.77	9,661	40,977
185.26	9,172	36,174	185.78	9,671	41,073
185.27	9,182	36,266	185.79	9,681	41,170
185.28	9,192	36,358	185.80	9,690	41,267
185.29	9,201	36,449	185.81	9,700	41,364
185.30	9,211	36,542	185.82	9,709	41,461
185.31	9,220	36,634	185.83	9,719	41,558
185.32	9,230	36,726	185.84	9,729	41,655
185.33	9,239	36,818	185.85	9,738	41,752
185.34	9,249	36,911	185.86	9,748	41,850
185.35	9,259	37,003	185.87	9,757	41,947
185.36	9,268	37,096	185.88	9,767	42,045
185.37	9,278	37,189	185.89	9,777	42,143
185.38	9,287	37,281	185.90	9,786	42,241
185.39	9,297	37,374	185.91	9,796	42,339
185.40	9,307	37,467	185.92	9,805	42,437
185.41	9,316	37,561	185.93	9,815	42,535
185.42	9,326	37,654	185.94	9,824	42,633
185.43	9,335	37,747	185.95	9,834	42,731
185.44	9,345	37,840	185.96	9,844	42,829
185.45	9,355	37,934	185.97	9,853	42,928
185.46	9,364	38,028	185.98	9,863	43,027
185.47	9,374	38,121	185.99	9,872	43,125
185.48	9,383	38,215	186.00	9,882	43,224
185.49	9,393	38,309			
185.50	9,403	38,403			
185.51	9,412	38,497			
185.52	9,422	38,591			
185.53	9,431	38,685			
185.54	9,441	38,780			
185.55	9,450	38,874			
185.56	9,460	38,969			
185.57	9,470	39,063			
185.58	9,479	39,158			
185.59	9,489	39,253			
185.60	9,498	39,348			
185.61	9,508	39,443			
185.62	9,518	39,538			
185.63	9,527	39,633			
185.64	9,537	39,729			
185.65	9,546	39,824			
185.66	9,556	39,920			
185.67	9,566	40,015			
185.68	9,575	40,111			
185.69	9,585	40,207			
185.70	9,594	40,303			
185.71	9,604	40,399			

Summary for Pond B-12: Basin #12

Inflow Area = 2.426 ac, 44.77% Impervious, Inflow Depth = 4.17" for Future 10 yr event
 Inflow = 10.24 cfs @ 12.17 hrs, Volume= 0.842 af
 Outflow = 4.81 cfs @ 12.36 hrs, Volume= 0.709 af, Atten= 53%, Lag= 11.1 min
 Primary = 4.81 cfs @ 12.36 hrs, Volume= 0.709 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.01' @ 12.36 hrs Surf.Area= 6,887 sf Storage= 17,244 cf

Plug-Flow detention time= 415.8 min calculated for 0.709 af (84% of inflow)
 Center-of-Mass det. time= 344.2 min (1,129.3 - 785.1)

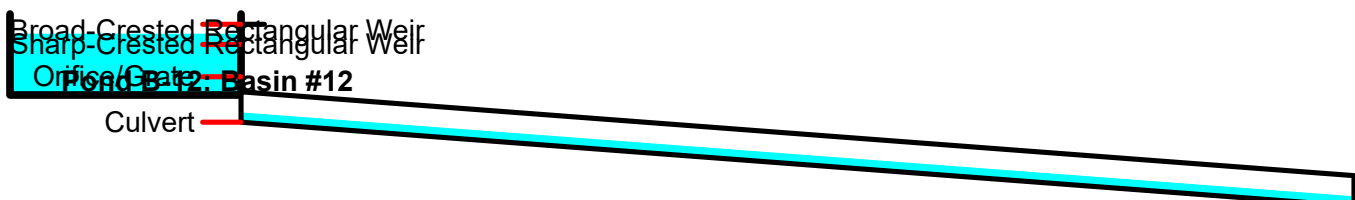
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	24,487 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	4,623	0	0
202.00	5,350	4,987	4,987
203.00	6,105	5,728	10,714
204.00	6,883	6,494	17,208
205.00	7,674	7,279	24,487

Device	Routing	Invert	Outlet Devices
#1	Primary	199.65'	18.0" Round Culvert L= 238.0' Ke= 0.500 Inlet / Outlet Invert= 199.65' / 195.50' S= 0.0174 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.90'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

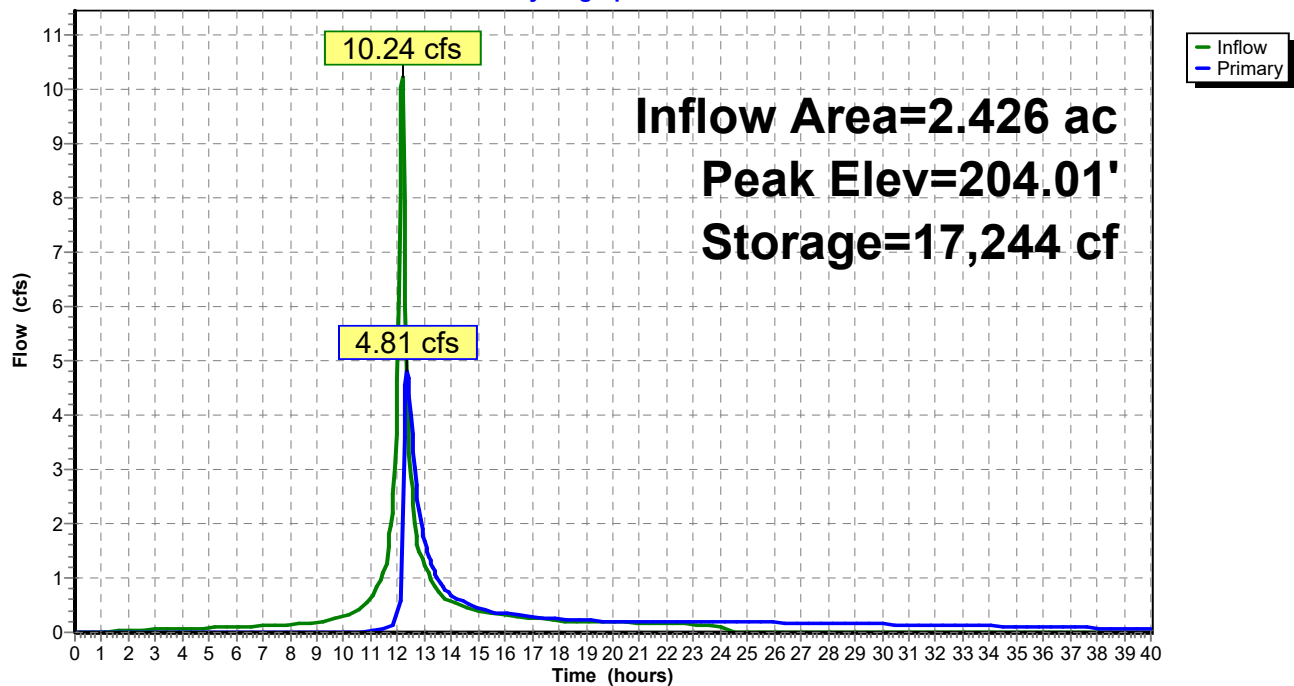
Primary OutFlow Max=4.78 cfs @ 12.36 hrs HW=204.00' (Free Discharge)

1=Culvert (Passes 4.78 cfs of 15.51 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.81 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.55 cfs @ 2.32 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-12: Basin #12

Hydrograph



Hydrograph for Pond B-12: Basin #12

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	1	201.00	0.00
1.00	0.01	3	201.00	0.00
1.10	0.01	7	201.00	0.00
1.20	0.02	12	201.00	0.00
1.30	0.02	18	201.00	0.00
1.40	0.02	25	201.01	0.00
1.50	0.02	33	201.01	0.00
1.60	0.03	42	201.01	0.00
1.70	0.03	52	201.01	0.00
1.80	0.03	64	201.01	0.00
1.90	0.03	76	201.02	0.00
2.00	0.04	88	201.02	0.00
2.10	0.04	102	201.02	0.00
2.20	0.04	117	201.03	0.00
2.30	0.04	132	201.03	0.00
2.40	0.05	148	201.03	0.00
2.50	0.05	164	201.04	0.00
2.60	0.05	182	201.04	0.00
2.70	0.05	200	201.04	0.00
2.80	0.05	218	201.05	0.00
2.90	0.05	237	201.05	0.00
3.00	0.06	257	201.06	0.00
3.10	0.06	277	201.06	0.00
3.20	0.06	298	201.06	0.00
3.30	0.06	320	201.07	0.00
3.40	0.06	341	201.07	0.00
3.50	0.06	364	201.08	0.00
3.60	0.06	387	201.08	0.00
3.70	0.07	410	201.09	0.00
3.80	0.07	434	201.09	0.00
3.90	0.07	459	201.10	0.00
4.00	0.07	483	201.10	0.00
4.10	0.07	509	201.11	0.00
4.20	0.07	534	201.11	0.00
4.30	0.07	560	201.12	0.00
4.40	0.07	587	201.13	0.00
4.50	0.08	614	201.13	0.00
4.60	0.08	641	201.14	0.00
4.70	0.08	669	201.14	0.00
4.80	0.08	697	201.15	0.00
4.90	0.08	725	201.16	0.00
5.00	0.08	754	201.16	0.00
5.10	0.08	783	201.17	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	813	201.17	0.00
5.30	0.08	843	201.18	0.00
5.40	0.08	873	201.19	0.00
5.50	0.09	904	201.19	0.00
5.60	0.09	935	201.20	0.00
5.70	0.09	966	201.21	0.00
5.80	0.09	998	201.21	0.00
5.90	0.09	1,030	201.22	0.00
6.00	0.09	1,062	201.23	0.00
6.10	0.09	1,095	201.23	0.00
6.20	0.09	1,129	201.24	0.00
6.30	0.10	1,163	201.25	0.00
6.40	0.10	1,198	201.25	0.00
6.50	0.10	1,234	201.26	0.00
6.60	0.10	1,271	201.27	0.00
6.70	0.11	1,309	201.28	0.00
6.80	0.11	1,348	201.29	0.00
6.90	0.11	1,388	201.29	0.00
7.00	0.11	1,429	201.30	0.00
7.10	0.12	1,471	201.31	0.00
7.20	0.12	1,513	201.32	0.00
7.30	0.12	1,557	201.33	0.00
7.40	0.13	1,602	201.34	0.00
7.50	0.13	1,648	201.35	0.00
7.60	0.13	1,694	201.36	0.00
7.70	0.13	1,742	201.37	0.00
7.80	0.14	1,790	201.38	0.00
7.90	0.14	1,840	201.39	0.00
8.00	0.14	1,890	201.40	0.00
8.10	0.14	1,942	201.41	0.00
8.20	0.15	1,994	201.42	0.00
8.30	0.15	2,048	201.43	0.00
8.40	0.16	2,103	201.44	0.00
8.50	0.16	2,160	201.45	0.00
8.60	0.16	2,218	201.46	0.00
8.70	0.17	2,278	201.47	0.00
8.80	0.17	2,339	201.49	0.00
8.90	0.18	2,402	201.50	0.00
9.00	0.18	2,467	201.51	0.00
9.10	0.19	2,534	201.53	0.00
9.20	0.20	2,604	201.54	0.00
9.30	0.21	2,678	201.55	0.00
9.40	0.22	2,756	201.57	0.00
9.50	0.24	2,839	201.59	0.00
9.60	0.25	2,927	201.60	0.00
9.70	0.26	3,020	201.62	0.00
9.80	0.28	3,118	201.64	0.00
9.90	0.29	3,221	201.66	0.00
10.00	0.31	3,329	201.68	0.00
10.10	0.32	3,443	201.71	0.00
10.20	0.34	3,562	201.73	0.00
10.30	0.35	3,686	201.75	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.37	3,817	201.78	0.00
10.50	0.39	3,953	201.80	0.00
10.60	0.41	4,096	201.83	0.00
10.70	0.46	4,252	201.86	0.00
10.80	0.51	4,425	201.89	0.00
10.90	0.56	4,617	201.93	0.00
11.00	0.62	4,827	201.97	0.01
11.10	0.69	5,055	202.01	0.02
11.20	0.78	5,309	202.06	0.04
11.30	0.89	5,592	202.11	0.05
11.40	1.00	5,910	202.17	0.07
11.50	1.11	6,264	202.23	0.08
11.60	1.35	6,668	202.31	0.09
11.70	1.80	7,205	202.40	0.10
11.80	2.21	7,879	202.52	0.12
11.90	3.02	8,764	202.67	0.13
12.00	4.66	10,061	202.89	0.15
12.10	8.07	12,237	203.25	0.18
12.20	9.91	15,451	203.74	1.75
12.30	6.05	17,108	203.99	4.55
12.40	3.91	17,172	203.99	4.67
12.50	2.89	16,811	203.94	3.99
12.60	2.35	16,442	203.89	3.33
12.70	1.77	16,088	203.84	2.72
12.80	1.53	15,787	203.79	2.25
12.90	1.38	15,565	203.76	1.91
13.00	1.25	15,395	203.73	1.67
13.10	1.12	15,255	203.71	1.48
13.20	1.00	15,133	203.69	1.32
13.30	0.92	15,028	203.68	1.18
13.40	0.84	14,939	203.66	1.08
13.50	0.77	14,859	203.65	0.98
13.60	0.70	14,787	203.64	0.90
13.70	0.65	14,719	203.63	0.83
13.80	0.61	14,659	203.62	0.76
13.90	0.59	14,610	203.61	0.71
14.00	0.58	14,571	203.61	0.67
14.10	0.56	14,538	203.60	0.64
14.20	0.54	14,510	203.60	0.61
14.30	0.52	14,484	203.60	0.59
14.40	0.50	14,460	203.59	0.57
14.50	0.48	14,436	203.59	0.55
14.60	0.47	14,412	203.58	0.53
14.70	0.45	14,389	203.58	0.51
14.80	0.43	14,367	203.58	0.49
14.90	0.41	14,344	203.57	0.47
15.00	0.39	14,322	203.57	0.45
15.10	0.37	14,300	203.57	0.43
15.20	0.36	14,278	203.56	0.42
15.30	0.35	14,258	203.56	0.40
15.40	0.34	14,241	203.56	0.39
15.50	0.34	14,226	203.56	0.38

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	14,212	203.55	0.37
15.70	0.33	14,200	203.55	0.36
15.80	0.32	14,188	203.55	0.36
15.90	0.32	14,177	203.55	0.35
16.00	0.31	14,166	203.55	0.34
16.10	0.31	14,156	203.54	0.34
16.20	0.31	14,147	203.54	0.33
16.30	0.30	14,137	203.54	0.33
16.40	0.29	14,128	203.54	0.32
16.50	0.29	14,119	203.54	0.31
16.60	0.28	14,110	203.54	0.31
16.70	0.28	14,102	203.54	0.30
16.80	0.28	14,093	203.54	0.30
16.90	0.27	14,085	203.53	0.29
17.00	0.27	14,076	203.53	0.29
17.10	0.26	14,068	203.53	0.28
17.20	0.26	14,060	203.53	0.28
17.30	0.25	14,051	203.53	0.27
17.40	0.24	14,043	203.53	0.27
17.50	0.24	14,034	203.53	0.26
17.60	0.24	14,026	203.52	0.26
17.70	0.23	14,018	203.52	0.25
17.80	0.23	14,010	203.52	0.25
17.90	0.22	14,001	203.52	0.24
18.00	0.22	13,993	203.52	0.24
18.10	0.21	13,984	203.52	0.24
18.20	0.21	13,975	203.52	0.23
18.30	0.20	13,965	203.52	0.23
18.40	0.20	13,956	203.51	0.23
18.50	0.20	13,947	203.51	0.23
18.60	0.20	13,939	203.51	0.22
18.70	0.20	13,931	203.51	0.22
18.80	0.20	13,923	203.51	0.22
18.90	0.20	13,916	203.51	0.22
19.00	0.20	13,909	203.51	0.21
19.10	0.19	13,903	203.51	0.21
19.20	0.19	13,897	203.51	0.21
19.30	0.19	13,890	203.50	0.21
19.40	0.19	13,884	203.50	0.21
19.50	0.19	13,879	203.50	0.21
19.60	0.19	13,873	203.50	0.20
19.70	0.19	13,868	203.50	0.20
19.80	0.19	13,862	203.50	0.20
19.90	0.19	13,857	203.50	0.20
20.00	0.18	13,851	203.50	0.20
20.10	0.18	13,845	203.50	0.20
20.20	0.18	13,838	203.50	0.20
20.30	0.18	13,830	203.49	0.20
20.40	0.18	13,823	203.49	0.20
20.50	0.18	13,814	203.49	0.20
20.60	0.18	13,806	203.49	0.20
20.70	0.18	13,797	203.49	0.20

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	13,788	203.49	0.20
20.90	0.17	13,778	203.49	0.20
21.00	0.17	13,768	203.49	0.20
21.10	0.17	13,757	203.48	0.20
21.20	0.17	13,746	203.48	0.20
21.30	0.17	13,735	203.48	0.20
21.40	0.17	13,723	203.48	0.20
21.50	0.16	13,711	203.48	0.20
21.60	0.16	13,698	203.47	0.20
21.70	0.16	13,685	203.47	0.20
21.80	0.16	13,672	203.47	0.20
21.90	0.16	13,658	203.47	0.20
22.00	0.16	13,644	203.47	0.20
22.10	0.16	13,629	203.46	0.20
22.20	0.16	13,614	203.46	0.20
22.30	0.16	13,599	203.46	0.20
22.40	0.15	13,583	203.46	0.20
22.50	0.15	13,567	203.45	0.20
22.60	0.15	13,550	203.45	0.20
22.70	0.15	13,533	203.45	0.20
22.80	0.15	13,516	203.45	0.20
22.90	0.15	13,498	203.44	0.20
23.00	0.15	13,480	203.44	0.20
23.10	0.15	13,462	203.44	0.20
23.20	0.14	13,443	203.43	0.20
23.30	0.14	13,424	203.43	0.20
23.40	0.14	13,404	203.43	0.20
23.50	0.14	13,384	203.43	0.20
23.60	0.14	13,364	203.42	0.20
23.70	0.14	13,343	203.42	0.20
23.80	0.14	13,322	203.42	0.20
23.90	0.13	13,300	203.41	0.19
24.00	0.14	13,279	203.41	0.19
24.10	0.12	13,259	203.41	0.19
24.20	0.03	13,216	203.40	0.19
24.30	0.01	13,153	203.39	0.19
24.40	0.00	13,085	203.38	0.19
24.50	0.00	13,016	203.37	0.19
24.60	0.00	12,947	203.36	0.19
24.70	0.00	12,878	203.35	0.19
24.80	0.00	12,810	203.34	0.19
24.90	0.00	12,742	203.33	0.19
25.00	0.00	12,674	203.31	0.19
25.10	0.00	12,607	203.30	0.19
25.20	0.00	12,540	203.29	0.19
25.30	0.00	12,473	203.28	0.19
25.40	0.00	12,406	203.27	0.18
25.50	0.00	12,340	203.26	0.18
25.60	0.00	12,273	203.25	0.18
25.70	0.00	12,208	203.24	0.18
25.80	0.00	12,142	203.23	0.18
25.90	0.00	12,077	203.22	0.18

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,012	203.21	0.18
26.10	0.00	11,947	203.20	0.18
26.20	0.00	11,882	203.19	0.18
26.30	0.00	11,818	203.18	0.18
26.40	0.00	11,754	203.17	0.18
26.50	0.00	11,691	203.16	0.18
26.60	0.00	11,627	203.15	0.18
26.70	0.00	11,564	203.14	0.17
26.80	0.00	11,502	203.13	0.17
26.90	0.00	11,439	203.12	0.17
27.00	0.00	11,377	203.11	0.17
27.10	0.00	11,315	203.10	0.17
27.20	0.00	11,253	203.09	0.17
27.30	0.00	11,192	203.08	0.17
27.40	0.00	11,131	203.07	0.17
27.50	0.00	11,070	203.06	0.17
27.60	0.00	11,010	203.05	0.17
27.70	0.00	10,949	203.04	0.17
27.80	0.00	10,889	203.03	0.17
27.90	0.00	10,830	203.02	0.17
28.00	0.00	10,770	203.01	0.16
28.10	0.00	10,711	203.00	0.16
28.20	0.00	10,652	202.99	0.16
28.30	0.00	10,594	202.98	0.16
28.40	0.00	10,536	202.97	0.16
28.50	0.00	10,478	202.96	0.16
28.60	0.00	10,420	202.95	0.16
28.70	0.00	10,363	202.94	0.16
28.80	0.00	10,306	202.93	0.16
28.90	0.00	10,249	202.92	0.16
29.00	0.00	10,192	202.91	0.16
29.10	0.00	10,136	202.90	0.16
29.20	0.00	10,080	202.90	0.15
29.30	0.00	10,025	202.89	0.15
29.40	0.00	9,969	202.88	0.15
29.50	0.00	9,914	202.87	0.15
29.60	0.00	9,859	202.86	0.15
29.70	0.00	9,805	202.85	0.15
29.80	0.00	9,751	202.84	0.15
29.90	0.00	9,697	202.83	0.15
30.00	0.00	9,643	202.82	0.15
30.10	0.00	9,590	202.81	0.15
30.20	0.00	9,537	202.80	0.15
30.30	0.00	9,484	202.80	0.15
30.40	0.00	9,432	202.79	0.15
30.50	0.00	9,380	202.78	0.14
30.60	0.00	9,328	202.77	0.14
30.70	0.00	9,276	202.76	0.14
30.80	0.00	9,225	202.75	0.14
30.90	0.00	9,174	202.74	0.14
31.00	0.00	9,123	202.74	0.14
31.10	0.00	9,073	202.73	0.14

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,023	202.72	0.14
31.30	0.00	8,973	202.71	0.14
31.40	0.00	8,924	202.70	0.14
31.50	0.00	8,874	202.69	0.14
31.60	0.00	8,826	202.68	0.14
31.70	0.00	8,777	202.68	0.13
31.80	0.00	8,729	202.67	0.13
31.90	0.00	8,681	202.66	0.13
32.00	0.00	8,633	202.65	0.13
32.10	0.00	8,586	202.64	0.13
32.20	0.00	8,539	202.64	0.13
32.30	0.00	8,492	202.63	0.13
32.40	0.00	8,445	202.62	0.13
32.50	0.00	8,399	202.61	0.13
32.60	0.00	8,353	202.60	0.13
32.70	0.00	8,308	202.60	0.13
32.80	0.00	8,262	202.59	0.13
32.90	0.00	8,217	202.58	0.12
33.00	0.00	8,173	202.57	0.12
33.10	0.00	8,128	202.56	0.12
33.20	0.00	8,084	202.56	0.12
33.30	0.00	8,040	202.55	0.12
33.40	0.00	7,997	202.54	0.12
33.50	0.00	7,954	202.53	0.12
33.60	0.00	7,911	202.53	0.12
33.70	0.00	7,868	202.52	0.12
33.80	0.00	7,826	202.51	0.12
33.90	0.00	7,784	202.50	0.12
34.00	0.00	7,742	202.50	0.12
34.10	0.00	7,701	202.49	0.11
34.20	0.00	7,660	202.48	0.11
34.30	0.00	7,619	202.48	0.11
34.40	0.00	7,579	202.47	0.11
34.50	0.00	7,539	202.46	0.11
34.60	0.00	7,499	202.45	0.11
34.70	0.00	7,459	202.45	0.11
34.80	0.00	7,420	202.44	0.11
34.90	0.00	7,381	202.43	0.11
35.00	0.00	7,343	202.43	0.11
35.10	0.00	7,304	202.42	0.11
35.20	0.00	7,266	202.41	0.11
35.30	0.00	7,229	202.41	0.10
35.40	0.00	7,191	202.40	0.10
35.50	0.00	7,154	202.39	0.10
35.60	0.00	7,118	202.39	0.10
35.70	0.00	7,081	202.38	0.10
35.80	0.00	7,045	202.37	0.10
35.90	0.00	7,009	202.37	0.10
36.00	0.00	6,974	202.36	0.10
36.10	0.00	6,939	202.36	0.10
36.20	0.00	6,904	202.35	0.10
36.30	0.00	6,869	202.34	0.10

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,835	202.34	0.09
36.50	0.00	6,801	202.33	0.09
36.60	0.00	6,767	202.33	0.09
36.70	0.00	6,734	202.32	0.09
36.80	0.00	6,701	202.31	0.09
36.90	0.00	6,668	202.31	0.09
37.00	0.00	6,636	202.30	0.09
37.10	0.00	6,604	202.30	0.09
37.20	0.00	6,572	202.29	0.09
37.30	0.00	6,541	202.28	0.09
37.40	0.00	6,509	202.28	0.09
37.50	0.00	6,479	202.27	0.09
37.60	0.00	6,448	202.27	0.08
37.70	0.00	6,418	202.26	0.08
37.80	0.00	6,388	202.26	0.08
37.90	0.00	6,359	202.25	0.08
38.00	0.00	6,329	202.25	0.08
38.10	0.00	6,300	202.24	0.08
38.20	0.00	6,272	202.24	0.08
38.30	0.00	6,243	202.23	0.08
38.40	0.00	6,215	202.23	0.08
38.50	0.00	6,188	202.22	0.08
38.60	0.00	6,160	202.22	0.08
38.70	0.00	6,133	202.21	0.07
38.80	0.00	6,107	202.21	0.07
38.90	0.00	6,080	202.20	0.07
39.00	0.00	6,054	202.20	0.07
39.10	0.00	6,029	202.19	0.07
39.20	0.00	6,003	202.19	0.07
39.30	0.00	5,978	202.18	0.07
39.40	0.00	5,953	202.18	0.07
39.50	0.00	5,929	202.17	0.07
39.60	0.00	5,905	202.17	0.07
39.70	0.00	5,881	202.17	0.07
39.80	0.00	5,857	202.16	0.06
39.90	0.00	5,834	202.16	0.06
40.00	0.00	5,811	202.15	0.06

Stage-Discharge for Pond B-12: Basin #12

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

Stage-Discharge for Pond B-12: Basin #12 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.17	203.60	0.62	204.12	6.43	204.64	21.45
203.09	0.17	203.61	0.68	204.13	6.57	204.65	22.32
203.10	0.17	203.62	0.75	204.14	6.72	204.66	23.21
203.11	0.17	203.63	0.82	204.15	6.87	204.67	24.12
203.12	0.17	203.64	0.89	204.16	7.02	204.68	25.06
203.13	0.17	203.65	0.96	204.17	7.17	204.69	26.02
203.14	0.17	203.66	1.04	204.18	7.33	204.70	26.83
203.15	0.18	203.67	1.12	204.19	7.48	204.71	27.69
203.16	0.18	203.68	1.20	204.20	7.64	204.72	28.57
203.17	0.18	203.69	1.29	204.21	7.79	204.73	29.48
203.18	0.18	203.70	1.37	204.22	7.95	204.74	30.41
203.19	0.18	203.71	1.46	204.23	8.11	204.75	31.37
203.20	0.18	203.72	1.55	204.24	8.26	204.76	32.36
203.21	0.18	203.73	1.64	204.25	8.42	204.77	33.37
203.22	0.18	203.74	1.74	204.26	8.58	204.78	34.40
203.23	0.18	203.75	1.83	204.27	8.74	204.79	35.46
203.24	0.18	203.76	1.93	204.28	8.91	204.80	36.54
203.25	0.18	203.77	2.03	204.29	9.07	204.81	37.65
203.26	0.18	203.78	2.13	204.30	9.23	204.82	38.78
203.27	0.18	203.79	2.23	204.31	9.40	204.83	39.94
203.28	0.19	203.80	2.34	204.32	9.56	204.84	41.12
203.29	0.19	203.81	2.44	204.33	9.73	204.85	42.32
203.30	0.19	203.82	2.55	204.34	9.90	204.86	43.55
203.31	0.19	203.83	2.66	204.35	10.07	204.87	44.80
203.32	0.19	203.84	2.77	204.36	10.24	204.88	46.08
203.33	0.19	203.85	2.88	204.37	10.40	204.89	47.38
203.34	0.19	203.86	3.00	204.38	10.58	204.90	48.71
203.35	0.19	203.87	3.11	204.39	10.75	204.91	50.08
203.36	0.19	203.88	3.23	204.40	10.92	204.92	51.48
203.37	0.19	203.89	3.35	204.41	11.09	204.93	52.91
203.38	0.19	203.90	3.47	204.42	11.27	204.94	54.37
203.39	0.19	203.91	3.59	204.43	11.44	204.95	55.85
203.40	0.19	203.92	3.71	204.44	11.62	204.96	57.35
203.41	0.19	203.93	3.84	204.45	11.79	204.97	58.89
203.42	0.20	203.94	3.96	204.46	11.97	204.98	60.45
203.43	0.20	203.95	4.09	204.47	12.15	204.99	62.03
203.44	0.20	203.96	4.22	204.48	12.33	205.00	63.65
203.45	0.20	203.97	4.35	204.49	12.51		
203.46	0.20	203.98	4.48	204.50	12.69		
203.47	0.20	203.99	4.61	204.51	12.98		
203.48	0.20	204.00	4.74	204.52	13.38		
203.49	0.20	204.01	4.87	204.53	13.84		
203.50	0.20	204.02	5.01	204.54	14.35		
203.51	0.21	204.03	5.15	204.55	14.91		
203.52	0.24	204.04	5.28	204.56	15.51		
203.53	0.27	204.05	5.42	204.57	16.14		
203.54	0.31	204.06	5.56	204.58	16.81		
203.55	0.35	204.07	5.70	204.59	17.51		
203.56	0.40	204.08	5.85	204.60	18.24		
203.57	0.45	204.09	5.99	204.61	19.00		
203.58	0.50	204.10	6.13	204.62	19.79		
203.59	0.56	204.11	6.28	204.63	20.61		

Stage-Area-Storage for Pond B-12: Basin #12

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	4,623	0	201.52	5,001	2,502
201.01	4,630	46	201.53	5,008	2,552
201.02	4,638	93	201.54	5,016	2,602
201.03	4,645	139	201.55	5,023	2,653
201.04	4,652	186	201.56	5,030	2,703
201.05	4,659	232	201.57	5,037	2,753
201.06	4,667	279	201.58	5,045	2,804
201.07	4,674	325	201.59	5,052	2,854
201.08	4,681	372	201.60	5,059	2,905
201.09	4,688	419	201.61	5,066	2,955
201.10	4,696	466	201.62	5,074	3,006
201.11	4,703	513	201.63	5,081	3,057
201.12	4,710	560	201.64	5,088	3,108
201.13	4,718	607	201.65	5,096	3,159
201.14	4,725	654	201.66	5,103	3,210
201.15	4,732	702	201.67	5,110	3,261
201.16	4,739	749	201.68	5,117	3,312
201.17	4,747	796	201.69	5,125	3,363
201.18	4,754	844	201.70	5,132	3,414
201.19	4,761	891	201.71	5,139	3,466
201.20	4,768	939	201.72	5,146	3,517
201.21	4,776	987	201.73	5,154	3,568
201.22	4,783	1,035	201.74	5,161	3,620
201.23	4,790	1,083	201.75	5,168	3,672
201.24	4,797	1,130	201.76	5,176	3,723
201.25	4,805	1,178	201.77	5,183	3,775
201.26	4,812	1,227	201.78	5,190	3,827
201.27	4,819	1,275	201.79	5,197	3,879
201.28	4,827	1,323	201.80	5,205	3,931
201.29	4,834	1,371	201.81	5,212	3,983
201.30	4,841	1,420	201.82	5,219	4,035
201.31	4,848	1,468	201.83	5,226	4,088
201.32	4,856	1,517	201.84	5,234	4,140
201.33	4,863	1,565	201.85	5,241	4,192
201.34	4,870	1,614	201.86	5,248	4,245
201.35	4,877	1,663	201.87	5,255	4,297
201.36	4,885	1,711	201.88	5,263	4,350
201.37	4,892	1,760	201.89	5,270	4,402
201.38	4,899	1,809	201.90	5,277	4,455
201.39	4,907	1,858	201.91	5,285	4,508
201.40	4,914	1,907	201.92	5,292	4,561
201.41	4,921	1,957	201.93	5,299	4,614
201.42	4,928	2,006	201.94	5,306	4,667
201.43	4,936	2,055	201.95	5,314	4,720
201.44	4,943	2,104	201.96	5,321	4,773
201.45	4,950	2,154	201.97	5,328	4,826
201.46	4,957	2,203	201.98	5,335	4,880
201.47	4,965	2,253	201.99	5,343	4,933
201.48	4,972	2,303	202.00	5,350	4,987
201.49	4,979	2,353	202.01	5,358	5,040
201.50	4,987	2,402	202.02	5,365	5,094
201.51	4,994	2,452	202.03	5,373	5,147

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	5,380	5,201	202.56	5,773	8,101
202.05	5,388	5,255	202.57	5,780	8,159
202.06	5,395	5,309	202.58	5,788	8,216
202.07	5,403	5,363	202.59	5,795	8,274
202.08	5,410	5,417	202.60	5,803	8,332
202.09	5,418	5,471	202.61	5,811	8,390
202.10	5,425	5,525	202.62	5,818	8,449
202.11	5,433	5,580	202.63	5,826	8,507
202.12	5,441	5,634	202.64	5,833	8,565
202.13	5,448	5,688	202.65	5,841	8,623
202.14	5,456	5,743	202.66	5,848	8,682
202.15	5,463	5,797	202.67	5,856	8,740
202.16	5,471	5,852	202.68	5,863	8,799
202.17	5,478	5,907	202.69	5,871	8,858
202.18	5,486	5,962	202.70	5,878	8,916
202.19	5,493	6,017	202.71	5,886	8,975
202.20	5,501	6,072	202.72	5,894	9,034
202.21	5,509	6,127	202.73	5,901	9,093
202.22	5,516	6,182	202.74	5,909	9,152
202.23	5,524	6,237	202.75	5,916	9,211
202.24	5,531	6,292	202.76	5,924	9,271
202.25	5,539	6,348	202.77	5,931	9,330
202.26	5,546	6,403	202.78	5,939	9,389
202.27	5,554	6,459	202.79	5,946	9,449
202.28	5,561	6,514	202.80	5,954	9,508
202.29	5,569	6,570	202.81	5,962	9,568
202.30	5,577	6,625	202.82	5,969	9,627
202.31	5,584	6,681	202.83	5,977	9,687
202.32	5,592	6,737	202.84	5,984	9,747
202.33	5,599	6,793	202.85	5,992	9,807
202.34	5,607	6,849	202.86	5,999	9,867
202.35	5,614	6,905	202.87	6,007	9,927
202.36	5,622	6,961	202.88	6,014	9,987
202.37	5,629	7,018	202.89	6,022	10,047
202.38	5,637	7,074	202.90	6,030	10,107
202.39	5,644	7,130	202.91	6,037	10,168
202.40	5,652	7,187	202.92	6,045	10,228
202.41	5,660	7,243	202.93	6,052	10,288
202.42	5,667	7,300	202.94	6,060	10,349
202.43	5,675	7,357	202.95	6,067	10,410
202.44	5,682	7,414	202.96	6,075	10,470
202.45	5,690	7,470	202.97	6,082	10,531
202.46	5,697	7,527	202.98	6,090	10,592
202.47	5,705	7,584	202.99	6,097	10,653
202.48	5,712	7,641	203.00	6,105	10,714
202.49	5,720	7,699	203.01	6,113	10,775
202.50	5,728	7,756	203.02	6,121	10,836
202.51	5,735	7,813	203.03	6,128	10,898
202.52	5,743	7,871	203.04	6,136	10,959
202.53	5,750	7,928	203.05	6,144	11,020
202.54	5,758	7,986	203.06	6,152	11,082
202.55	5,765	8,043	203.07	6,159	11,143

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	6,167	11,205	203.60	6,572	14,517
203.09	6,175	11,267	203.61	6,580	14,583
203.10	6,183	11,328	203.62	6,587	14,649
203.11	6,191	11,390	203.63	6,595	14,715
203.12	6,198	11,452	203.64	6,603	14,781
203.13	6,206	11,514	203.65	6,611	14,847
203.14	6,214	11,576	203.66	6,618	14,913
203.15	6,222	11,639	203.67	6,626	14,979
203.16	6,229	11,701	203.68	6,634	15,045
203.17	6,237	11,763	203.69	6,642	15,112
203.18	6,245	11,826	203.70	6,650	15,178
203.19	6,253	11,888	203.71	6,657	15,245
203.20	6,261	11,951	203.72	6,665	15,311
203.21	6,268	12,013	203.73	6,673	15,378
203.22	6,276	12,076	203.74	6,681	15,445
203.23	6,284	12,139	203.75	6,689	15,512
203.24	6,292	12,202	203.76	6,696	15,578
203.25	6,300	12,265	203.77	6,704	15,645
203.26	6,307	12,328	203.78	6,712	15,713
203.27	6,315	12,391	203.79	6,720	15,780
203.28	6,323	12,454	203.80	6,727	15,847
203.29	6,331	12,517	203.81	6,735	15,914
203.30	6,338	12,581	203.82	6,743	15,982
203.31	6,346	12,644	203.83	6,751	16,049
203.32	6,354	12,707	203.84	6,759	16,117
203.33	6,362	12,771	203.85	6,766	16,184
203.34	6,370	12,835	203.86	6,774	16,252
203.35	6,377	12,898	203.87	6,782	16,320
203.36	6,385	12,962	203.88	6,790	16,388
203.37	6,393	13,026	203.89	6,797	16,456
203.38	6,401	13,090	203.90	6,805	16,524
203.39	6,408	13,154	203.91	6,813	16,592
203.40	6,416	13,218	203.92	6,821	16,660
203.41	6,424	13,282	203.93	6,829	16,728
203.42	6,432	13,347	203.94	6,836	16,796
203.43	6,440	13,411	203.95	6,844	16,865
203.44	6,447	13,476	203.96	6,852	16,933
203.45	6,455	13,540	203.97	6,860	17,002
203.46	6,463	13,605	203.98	6,867	17,070
203.47	6,471	13,669	203.99	6,875	17,139
203.48	6,478	13,734	204.00	6,883	17,208
203.49	6,486	13,799	204.01	6,891	17,277
203.50	6,494	13,864	204.02	6,899	17,346
203.51	6,502	13,929	204.03	6,907	17,415
203.52	6,510	13,994	204.04	6,915	17,484
203.53	6,517	14,059	204.05	6,923	17,553
203.54	6,525	14,124	204.06	6,930	17,622
203.55	6,533	14,189	204.07	6,938	17,692
203.56	6,541	14,255	204.08	6,946	17,761
203.57	6,548	14,320	204.09	6,954	17,831
203.58	6,556	14,386	204.10	6,962	17,900
203.59	6,564	14,451	204.11	6,970	17,970

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	6,978	18,040	204.64	7,389	21,775
204.13	6,986	18,109	204.65	7,397	21,849
204.14	6,994	18,179	204.66	7,405	21,923
204.15	7,002	18,249	204.67	7,413	21,997
204.16	7,010	18,319	204.68	7,421	22,071
204.17	7,017	18,390	204.69	7,429	22,146
204.18	7,025	18,460	204.70	7,437	22,220
204.19	7,033	18,530	204.71	7,445	22,294
204.20	7,041	18,600	204.72	7,453	22,369
204.21	7,049	18,671	204.73	7,460	22,443
204.22	7,057	18,741	204.74	7,468	22,518
204.23	7,065	18,812	204.75	7,476	22,593
204.24	7,073	18,883	204.76	7,484	22,668
204.25	7,081	18,953	204.77	7,492	22,742
204.26	7,089	19,024	204.78	7,500	22,817
204.27	7,097	19,095	204.79	7,508	22,892
204.28	7,104	19,166	204.80	7,516	22,968
204.29	7,112	19,237	204.81	7,524	23,043
204.30	7,120	19,308	204.82	7,532	23,118
204.31	7,128	19,380	204.83	7,540	23,193
204.32	7,136	19,451	204.84	7,547	23,269
204.33	7,144	19,522	204.85	7,555	23,344
204.34	7,152	19,594	204.86	7,563	23,420
204.35	7,160	19,665	204.87	7,571	23,496
204.36	7,168	19,737	204.88	7,579	23,571
204.37	7,176	19,809	204.89	7,587	23,647
204.38	7,184	19,881	204.90	7,595	23,723
204.39	7,191	19,953	204.91	7,603	23,799
204.40	7,199	20,024	204.92	7,611	23,875
204.41	7,207	20,097	204.93	7,619	23,951
204.42	7,215	20,169	204.94	7,627	24,027
204.43	7,223	20,241	204.95	7,634	24,104
204.44	7,231	20,313	204.96	7,642	24,180
204.45	7,239	20,385	204.97	7,650	24,257
204.46	7,247	20,458	204.98	7,658	24,333
204.47	7,255	20,530	204.99	7,666	24,410
204.48	7,263	20,603	205.00	7,674	24,487
204.49	7,271	20,676			
204.50	7,279	20,748			
204.51	7,286	20,821			
204.52	7,294	20,894			
204.53	7,302	20,967			
204.54	7,310	21,040			
204.55	7,318	21,113			
204.56	7,326	21,187			
204.57	7,334	21,260			
204.58	7,342	21,333			
204.59	7,350	21,407			
204.60	7,358	21,480			
204.61	7,366	21,554			
204.62	7,373	21,627			
204.63	7,381	21,701			

Summary for Pond B-13: Basin #13

Inflow Area = 2.350 ac, 62.43% Impervious, Inflow Depth = 4.62" for Future 10 yr event
 Inflow = 10.72 cfs @ 12.17 hrs, Volume= 0.904 af
 Outflow = 3.06 cfs @ 12.49 hrs, Volume= 0.679 af, Atten= 71%, Lag= 19.3 min
 Primary = 3.06 cfs @ 12.49 hrs, Volume= 0.679 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.42' @ 12.49 hrs Surf.Area= 10,016 sf Storage= 21,718 cf

Plug-Flow detention time= 494.2 min calculated for 0.678 af (75% of inflow)
 Center-of-Mass det. time= 404.3 min (1,175.9 - 771.6)

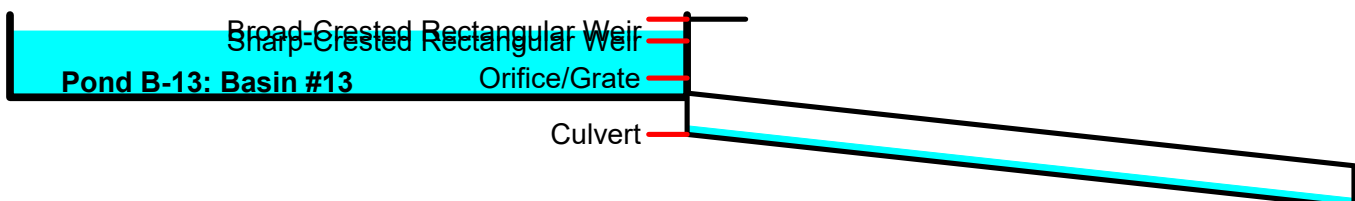
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	27,707 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,975	0	0
193.00	8,804	8,390	8,390
194.00	9,654	9,229	17,619
195.00	10,522	10,088	27,707

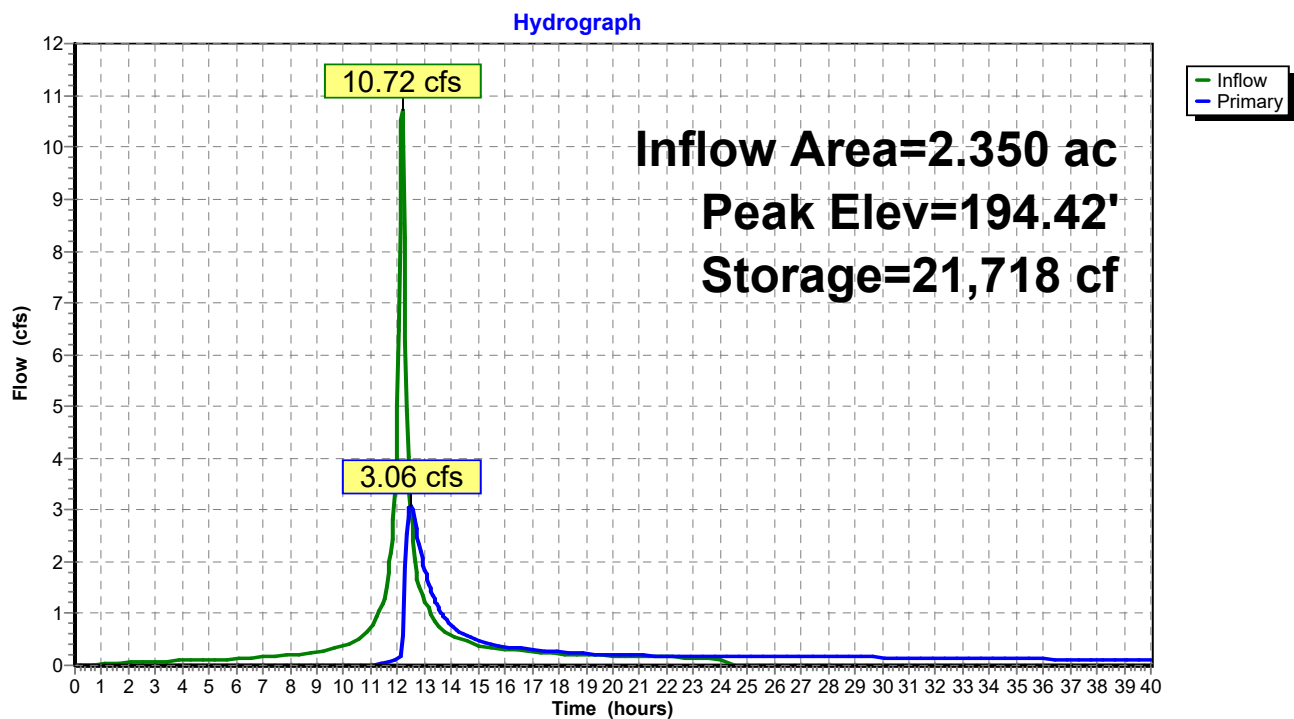
Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 57.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0465 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.85'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.06 cfs @ 12.49 hrs HW=194.42' (Free Discharge)

1=Culvert (Passes 3.06 cfs of 14.78 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.11 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.85 cfs @ 1.98 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-13: Basin #13



Hydrograph for Pond B-13: Basin #13

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	0	192.00	0.00
0.70	0.00	0	192.00	0.00
0.80	0.00	0	192.00	0.00
0.90	0.01	2	192.00	0.00
1.00	0.01	5	192.00	0.00
1.10	0.02	9	192.00	0.00
1.20	0.02	16	192.00	0.00
1.30	0.02	24	192.00	0.00
1.40	0.03	33	192.00	0.00
1.50	0.03	45	192.01	0.00
1.60	0.04	57	192.01	0.00
1.70	0.04	71	192.01	0.00
1.80	0.04	86	192.01	0.00
1.90	0.05	102	192.01	0.00
2.00	0.05	119	192.01	0.00
2.10	0.05	138	192.02	0.00
2.20	0.06	158	192.02	0.00
2.30	0.06	178	192.02	0.00
2.40	0.06	200	192.02	0.00
2.50	0.06	222	192.03	0.00
2.60	0.07	245	192.03	0.00
2.70	0.07	270	192.03	0.00
2.80	0.07	295	192.04	0.00
2.90	0.07	321	192.04	0.00
3.00	0.08	347	192.04	0.00
3.10	0.08	375	192.05	0.00
3.20	0.08	403	192.05	0.00
3.30	0.08	432	192.05	0.00
3.40	0.08	461	192.06	0.00
3.50	0.09	492	192.06	0.00
3.60	0.09	523	192.07	0.00
3.70	0.09	554	192.07	0.00
3.80	0.09	587	192.07	0.00
3.90	0.09	619	192.08	0.00
4.00	0.09	653	192.08	0.00
4.10	0.10	687	192.09	0.00
4.20	0.10	722	192.09	0.00
4.30	0.10	757	192.09	0.00
4.40	0.10	793	192.10	0.00
4.50	0.10	829	192.10	0.00
4.60	0.10	866	192.11	0.00
4.70	0.10	903	192.11	0.00
4.80	0.11	941	192.12	0.00
4.90	0.11	980	192.12	0.00
5.00	0.11	1,019	192.13	0.00
5.10	0.11	1,058	192.13	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,098	192.14	0.00
5.30	0.11	1,139	192.14	0.00
5.40	0.11	1,180	192.15	0.00
5.50	0.12	1,221	192.15	0.00
5.60	0.12	1,263	192.16	0.00
5.70	0.12	1,305	192.16	0.00
5.80	0.12	1,348	192.17	0.00
5.90	0.12	1,391	192.17	0.00
6.00	0.12	1,435	192.18	0.00
6.10	0.12	1,479	192.18	0.00
6.20	0.13	1,524	192.19	0.00
6.30	0.13	1,571	192.19	0.00
6.40	0.13	1,618	192.20	0.00
6.50	0.14	1,667	192.21	0.00
6.60	0.14	1,717	192.21	0.00
6.70	0.14	1,769	192.22	0.00
6.80	0.15	1,821	192.23	0.00
6.90	0.15	1,875	192.23	0.00
7.00	0.16	1,930	192.24	0.00
7.10	0.16	1,987	192.25	0.00
7.20	0.16	2,044	192.25	0.00
7.30	0.17	2,104	192.26	0.00
7.40	0.17	2,164	192.27	0.00
7.50	0.17	2,226	192.28	0.00
7.60	0.18	2,289	192.28	0.00
7.70	0.18	2,353	192.29	0.00
7.80	0.18	2,418	192.30	0.00
7.90	0.19	2,485	192.31	0.00
8.00	0.19	2,553	192.31	0.00
8.10	0.19	2,623	192.32	0.00
8.20	0.20	2,694	192.33	0.00
8.30	0.20	2,766	192.34	0.00
8.40	0.21	2,840	192.35	0.00
8.50	0.21	2,915	192.36	0.00
8.60	0.22	2,993	192.37	0.00
8.70	0.22	3,072	192.38	0.00
8.80	0.23	3,152	192.39	0.00
8.90	0.23	3,235	192.40	0.00
9.00	0.24	3,319	192.41	0.00
9.10	0.24	3,406	192.42	0.00
9.20	0.26	3,495	192.43	0.00
9.30	0.27	3,590	192.44	0.00
9.40	0.29	3,690	192.45	0.00
9.50	0.30	3,796	192.46	0.00
9.60	0.32	3,907	192.48	0.00
9.70	0.33	4,023	192.49	0.00
9.80	0.35	4,146	192.51	0.00
9.90	0.36	4,274	192.52	0.00
10.00	0.38	4,408	192.54	0.00
10.10	0.40	4,547	192.55	0.00
10.20	0.41	4,693	192.57	0.00
10.30	0.43	4,845	192.59	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.45	5,003	192.61	0.00
10.50	0.46	5,167	192.63	0.00
10.60	0.49	5,339	192.65	0.00
10.70	0.54	5,525	192.67	0.00
10.80	0.60	5,731	192.69	0.00
10.90	0.66	5,957	192.72	0.00
11.00	0.72	6,206	192.75	0.00
11.10	0.80	6,476	192.78	0.01
11.20	0.90	6,776	192.82	0.02
11.30	1.02	7,112	192.85	0.04
11.40	1.14	7,485	192.90	0.05
11.50	1.26	7,897	192.94	0.06
11.60	1.52	8,364	193.00	0.07
11.70	2.01	8,975	193.07	0.08
11.80	2.44	9,735	193.15	0.10
11.90	3.30	10,719	193.26	0.11
12.00	5.02	12,138	193.42	0.13
12.10	8.54	14,474	193.67	0.15
12.20	10.35	18,010	194.04	0.18
12.30	6.26	20,632	194.31	1.89
12.40	4.03	21,563	194.40	2.88
12.50	2.96	21,717	194.42	3.06
12.60	2.40	21,602	194.41	2.93
12.70	1.81	21,346	194.38	2.64
12.80	1.56	21,055	194.35	2.33
12.90	1.40	20,799	194.32	2.06
13.00	1.27	20,578	194.30	1.84
13.10	1.13	20,382	194.28	1.65
13.20	1.01	20,203	194.26	1.49
13.30	0.93	20,044	194.25	1.34
13.40	0.86	19,903	194.23	1.22
13.50	0.78	19,778	194.22	1.12
13.60	0.71	19,661	194.21	1.02
13.70	0.65	19,553	194.20	0.94
13.80	0.62	19,457	194.19	0.87
13.90	0.60	19,376	194.18	0.81
14.00	0.58	19,307	194.17	0.76
14.10	0.56	19,248	194.17	0.72
14.20	0.54	19,195	194.16	0.68
14.30	0.53	19,149	194.16	0.65
14.40	0.51	19,106	194.15	0.62
14.50	0.49	19,065	194.15	0.60
14.60	0.47	19,027	194.14	0.57
14.70	0.45	18,990	194.14	0.55
14.80	0.43	18,954	194.14	0.53
14.90	0.41	18,920	194.13	0.51
15.00	0.39	18,886	194.13	0.49
15.10	0.38	18,853	194.13	0.47
15.20	0.36	18,819	194.12	0.45
15.30	0.35	18,788	194.12	0.44
15.40	0.35	18,759	194.12	0.42
15.50	0.34	18,734	194.11	0.41

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	18,711	194.11	0.40
15.70	0.33	18,691	194.11	0.39
15.80	0.33	18,672	194.11	0.38
15.90	0.32	18,655	194.11	0.37
16.00	0.32	18,639	194.11	0.36
16.10	0.31	18,624	194.10	0.35
16.20	0.31	18,610	194.10	0.34
16.30	0.30	18,597	194.10	0.34
16.40	0.30	18,585	194.10	0.33
16.50	0.29	18,572	194.10	0.33
16.60	0.29	18,560	194.10	0.32
16.70	0.28	18,547	194.10	0.32
16.80	0.28	18,534	194.09	0.31
16.90	0.27	18,521	194.09	0.31
17.00	0.27	18,508	194.09	0.30
17.10	0.26	18,496	194.09	0.30
17.20	0.26	18,483	194.09	0.29
17.30	0.25	18,470	194.09	0.29
17.40	0.25	18,457	194.09	0.28
17.50	0.24	18,444	194.09	0.28
17.60	0.24	18,431	194.08	0.27
17.70	0.23	18,418	194.08	0.27
17.80	0.23	18,405	194.08	0.26
17.90	0.22	18,392	194.08	0.26
18.00	0.22	18,379	194.08	0.25
18.10	0.21	18,365	194.08	0.25
18.20	0.21	18,352	194.08	0.24
18.30	0.21	18,340	194.07	0.24
18.40	0.20	18,329	194.07	0.23
18.50	0.20	18,318	194.07	0.23
18.60	0.20	18,309	194.07	0.23
18.70	0.20	18,300	194.07	0.22
18.80	0.20	18,292	194.07	0.22
18.90	0.20	18,284	194.07	0.22
19.00	0.20	18,276	194.07	0.22
19.10	0.19	18,269	194.07	0.22
19.20	0.19	18,261	194.07	0.21
19.30	0.19	18,253	194.07	0.21
19.40	0.19	18,246	194.06	0.21
19.50	0.19	18,239	194.06	0.21
19.60	0.19	18,231	194.06	0.21
19.70	0.19	18,224	194.06	0.21
19.80	0.19	18,217	194.06	0.21
19.90	0.19	18,210	194.06	0.20
20.00	0.18	18,203	194.06	0.20
20.10	0.18	18,196	194.06	0.20
20.20	0.18	18,189	194.06	0.20
20.30	0.18	18,182	194.06	0.20
20.40	0.18	18,175	194.06	0.20
20.50	0.18	18,169	194.06	0.20
20.60	0.18	18,162	194.06	0.19
20.70	0.18	18,155	194.06	0.19

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	18,149	194.05	0.19
20.90	0.17	18,142	194.05	0.19
21.00	0.17	18,135	194.05	0.19
21.10	0.17	18,128	194.05	0.19
21.20	0.17	18,122	194.05	0.19
21.30	0.17	18,115	194.05	0.19
21.40	0.17	18,109	194.05	0.18
21.50	0.16	18,102	194.05	0.18
21.60	0.16	18,095	194.05	0.18
21.70	0.16	18,088	194.05	0.18
21.80	0.16	18,080	194.05	0.18
21.90	0.16	18,072	194.05	0.18
22.00	0.16	18,064	194.05	0.18
22.10	0.16	18,055	194.05	0.18
22.20	0.16	18,045	194.04	0.18
22.30	0.16	18,036	194.04	0.18
22.40	0.15	18,025	194.04	0.18
22.50	0.15	18,015	194.04	0.18
22.60	0.15	18,003	194.04	0.18
22.70	0.15	17,992	194.04	0.18
22.80	0.15	17,980	194.04	0.18
22.90	0.15	17,968	194.04	0.18
23.00	0.15	17,955	194.03	0.18
23.10	0.15	17,942	194.03	0.18
23.20	0.14	17,928	194.03	0.18
23.30	0.14	17,914	194.03	0.18
23.40	0.14	17,899	194.03	0.18
23.50	0.14	17,885	194.03	0.18
23.60	0.14	17,869	194.03	0.18
23.70	0.14	17,854	194.02	0.18
23.80	0.14	17,838	194.02	0.18
23.90	0.13	17,821	194.02	0.18
24.00	0.14	17,805	194.02	0.18
24.10	0.12	17,789	194.02	0.18
24.20	0.03	17,751	194.01	0.18
24.30	0.01	17,693	194.01	0.18
24.40	0.00	17,630	194.00	0.18
24.50	0.00	17,565	193.99	0.18
24.60	0.00	17,501	193.99	0.18
24.70	0.00	17,437	193.98	0.18
24.80	0.00	17,373	193.97	0.18
24.90	0.00	17,309	193.97	0.18
25.00	0.00	17,245	193.96	0.18
25.10	0.00	17,182	193.95	0.18
25.20	0.00	17,119	193.95	0.18
25.30	0.00	17,055	193.94	0.18
25.40	0.00	16,992	193.93	0.17
25.50	0.00	16,930	193.93	0.17
25.60	0.00	16,867	193.92	0.17
25.70	0.00	16,805	193.92	0.17
25.80	0.00	16,743	193.91	0.17
25.90	0.00	16,681	193.90	0.17

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	16,619	193.90	0.17
26.10	0.00	16,557	193.89	0.17
26.20	0.00	16,496	193.88	0.17
26.30	0.00	16,434	193.88	0.17
26.40	0.00	16,373	193.87	0.17
26.50	0.00	16,312	193.86	0.17
26.60	0.00	16,252	193.86	0.17
26.70	0.00	16,191	193.85	0.17
26.80	0.00	16,131	193.84	0.17
26.90	0.00	16,070	193.84	0.17
27.00	0.00	16,010	193.83	0.17
27.10	0.00	15,951	193.83	0.17
27.20	0.00	15,891	193.82	0.17
27.30	0.00	15,832	193.81	0.16
27.40	0.00	15,772	193.81	0.16
27.50	0.00	15,713	193.80	0.16
27.60	0.00	15,654	193.79	0.16
27.70	0.00	15,596	193.79	0.16
27.80	0.00	15,537	193.78	0.16
27.90	0.00	15,479	193.78	0.16
28.00	0.00	15,421	193.77	0.16
28.10	0.00	15,363	193.76	0.16
28.20	0.00	15,305	193.76	0.16
28.30	0.00	15,247	193.75	0.16
28.40	0.00	15,190	193.75	0.16
28.50	0.00	15,133	193.74	0.16
28.60	0.00	15,075	193.73	0.16
28.70	0.00	15,019	193.73	0.16
28.80	0.00	14,962	193.72	0.16
28.90	0.00	14,905	193.72	0.16
29.00	0.00	14,849	193.71	0.16
29.10	0.00	14,793	193.70	0.16
29.20	0.00	14,737	193.70	0.16
29.30	0.00	14,681	193.69	0.15
29.40	0.00	14,626	193.69	0.15
29.50	0.00	14,570	193.68	0.15
29.60	0.00	14,515	193.67	0.15
29.70	0.00	14,460	193.67	0.15
29.80	0.00	14,405	193.66	0.15
29.90	0.00	14,351	193.66	0.15
30.00	0.00	14,296	193.65	0.15
30.10	0.00	14,242	193.64	0.15
30.20	0.00	14,188	193.64	0.15
30.30	0.00	14,134	193.63	0.15
30.40	0.00	14,080	193.63	0.15
30.50	0.00	14,027	193.62	0.15
30.60	0.00	13,973	193.62	0.15
30.70	0.00	13,920	193.61	0.15
30.80	0.00	13,867	193.60	0.15
30.90	0.00	13,815	193.60	0.15
31.00	0.00	13,762	193.59	0.15
31.10	0.00	13,710	193.59	0.15

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	13,657	193.58	0.14
31.30	0.00	13,605	193.58	0.14
31.40	0.00	13,554	193.57	0.14
31.50	0.00	13,502	193.57	0.14
31.60	0.00	13,450	193.56	0.14
31.70	0.00	13,399	193.55	0.14
31.80	0.00	13,348	193.55	0.14
31.90	0.00	13,297	193.54	0.14
32.00	0.00	13,247	193.54	0.14
32.10	0.00	13,196	193.53	0.14
32.20	0.00	13,146	193.53	0.14
32.30	0.00	13,096	193.52	0.14
32.40	0.00	13,046	193.52	0.14
32.50	0.00	12,996	193.51	0.14
32.60	0.00	12,946	193.51	0.14
32.70	0.00	12,897	193.50	0.14
32.80	0.00	12,848	193.49	0.14
32.90	0.00	12,799	193.49	0.14
33.00	0.00	12,750	193.48	0.14
33.10	0.00	12,701	193.48	0.13
33.20	0.00	12,653	193.47	0.13
33.30	0.00	12,605	193.47	0.13
33.40	0.00	12,557	193.46	0.13
33.50	0.00	12,509	193.46	0.13
33.60	0.00	12,461	193.45	0.13
33.70	0.00	12,414	193.45	0.13
33.80	0.00	12,366	193.44	0.13
33.90	0.00	12,319	193.44	0.13
34.00	0.00	12,272	193.43	0.13
34.10	0.00	12,226	193.43	0.13
34.20	0.00	12,179	193.42	0.13
34.30	0.00	12,133	193.42	0.13
34.40	0.00	12,087	193.41	0.13
34.50	0.00	12,041	193.41	0.13
34.60	0.00	11,995	193.40	0.13
34.70	0.00	11,949	193.40	0.13
34.80	0.00	11,904	193.39	0.13
34.90	0.00	11,859	193.39	0.13
35.00	0.00	11,814	193.38	0.12
35.10	0.00	11,769	193.38	0.12
35.20	0.00	11,724	193.37	0.12
35.30	0.00	11,680	193.37	0.12
35.40	0.00	11,636	193.36	0.12
35.50	0.00	11,591	193.36	0.12
35.60	0.00	11,548	193.35	0.12
35.70	0.00	11,504	193.35	0.12
35.80	0.00	11,460	193.34	0.12
35.90	0.00	11,417	193.34	0.12
36.00	0.00	11,374	193.33	0.12
36.10	0.00	11,331	193.33	0.12
36.20	0.00	11,288	193.32	0.12
36.30	0.00	11,246	193.32	0.12

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,204	193.31	0.12
36.50	0.00	11,162	193.31	0.12
36.60	0.00	11,120	193.31	0.12
36.70	0.00	11,078	193.30	0.12
36.80	0.00	11,036	193.30	0.12
36.90	0.00	10,995	193.29	0.11
37.00	0.00	10,954	193.29	0.11
37.10	0.00	10,913	193.28	0.11
37.20	0.00	10,872	193.28	0.11
37.30	0.00	10,831	193.27	0.11
37.40	0.00	10,791	193.27	0.11
37.50	0.00	10,751	193.26	0.11
37.60	0.00	10,711	193.26	0.11
37.70	0.00	10,671	193.26	0.11
37.80	0.00	10,631	193.25	0.11
37.90	0.00	10,592	193.25	0.11
38.00	0.00	10,553	193.24	0.11
38.10	0.00	10,514	193.24	0.11
38.20	0.00	10,475	193.23	0.11
38.30	0.00	10,436	193.23	0.11
38.40	0.00	10,398	193.23	0.11
38.50	0.00	10,360	193.22	0.11
38.60	0.00	10,321	193.22	0.11
38.70	0.00	10,284	193.21	0.10
38.80	0.00	10,246	193.21	0.10
38.90	0.00	10,208	193.20	0.10
39.00	0.00	10,171	193.20	0.10
39.10	0.00	10,134	193.20	0.10
39.20	0.00	10,097	193.19	0.10
39.30	0.00	10,060	193.19	0.10
39.40	0.00	10,024	193.18	0.10
39.50	0.00	9,988	193.18	0.10
39.60	0.00	9,952	193.18	0.10
39.70	0.00	9,916	193.17	0.10
39.80	0.00	9,880	193.17	0.10
39.90	0.00	9,844	193.16	0.10
40.00	0.00	9,809	193.16	0.10

Stage-Discharge for Pond B-13: Basin #13

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.00	193.04	0.08	193.56	0.14
192.01	0.00	192.53	0.00	193.05	0.08	193.57	0.14
192.02	0.00	192.54	0.00	193.06	0.08	193.58	0.14
192.03	0.00	192.55	0.00	193.07	0.08	193.59	0.15
192.04	0.00	192.56	0.00	193.08	0.09	193.60	0.15
192.05	0.00	192.57	0.00	193.09	0.09	193.61	0.15
192.06	0.00	192.58	0.00	193.10	0.09	193.62	0.15
192.07	0.00	192.59	0.00	193.11	0.09	193.63	0.15
192.08	0.00	192.60	0.00	193.12	0.09	193.64	0.15
192.09	0.00	192.61	0.00	193.13	0.09	193.65	0.15
192.10	0.00	192.62	0.00	193.14	0.10	193.66	0.15
192.11	0.00	192.63	0.00	193.15	0.10	193.67	0.15
192.12	0.00	192.64	0.00	193.16	0.10	193.68	0.15
192.13	0.00	192.65	0.00	193.17	0.10	193.69	0.15
192.14	0.00	192.66	0.00	193.18	0.10	193.70	0.16
192.15	0.00	192.67	0.00	193.19	0.10	193.71	0.16
192.16	0.00	192.68	0.00	193.20	0.10	193.72	0.16
192.17	0.00	192.69	0.00	193.21	0.10	193.73	0.16
192.18	0.00	192.70	0.00	193.22	0.11	193.74	0.16
192.19	0.00	192.71	0.00	193.23	0.11	193.75	0.16
192.20	0.00	192.72	0.00	193.24	0.11	193.76	0.16
192.21	0.00	192.73	0.00	193.25	0.11	193.77	0.16
192.22	0.00	192.74	0.00	193.26	0.11	193.78	0.16
192.23	0.00	192.75	0.00	193.27	0.11	193.79	0.16
192.24	0.00	192.76	0.01	193.28	0.11	193.80	0.16
192.25	0.00	192.77	0.01	193.29	0.11	193.81	0.16
192.26	0.00	192.78	0.01	193.30	0.12	193.82	0.17
192.27	0.00	192.79	0.01	193.31	0.12	193.83	0.17
192.28	0.00	192.80	0.02	193.32	0.12	193.84	0.17
192.29	0.00	192.81	0.02	193.33	0.12	193.85	0.17
192.30	0.00	192.82	0.02	193.34	0.12	193.86	0.17
192.31	0.00	192.83	0.03	193.35	0.12	193.87	0.17
192.32	0.00	192.84	0.03	193.36	0.12	193.88	0.17
192.33	0.00	192.85	0.03	193.37	0.12	193.89	0.17
192.34	0.00	192.86	0.04	193.38	0.12	193.90	0.17
192.35	0.00	192.87	0.04	193.39	0.13	193.91	0.17
192.36	0.00	192.88	0.05	193.40	0.13	193.92	0.17
192.37	0.00	192.89	0.05	193.41	0.13	193.93	0.17
192.38	0.00	192.90	0.05	193.42	0.13	193.94	0.17
192.39	0.00	192.91	0.05	193.43	0.13	193.95	0.18
192.40	0.00	192.92	0.06	193.44	0.13	193.96	0.18
192.41	0.00	192.93	0.06	193.45	0.13	193.97	0.18
192.42	0.00	192.94	0.06	193.46	0.13	193.98	0.18
192.43	0.00	192.95	0.06	193.47	0.13	193.99	0.18
192.44	0.00	192.96	0.06	193.48	0.13	194.00	0.18
192.45	0.00	192.97	0.07	193.49	0.14	194.01	0.18
192.46	0.00	192.98	0.07	193.50	0.14	194.02	0.18
192.47	0.00	192.99	0.07	193.51	0.14	194.03	0.18
192.48	0.00	193.00	0.07	193.52	0.14	194.04	0.18
192.49	0.00	193.01	0.07	193.53	0.14	194.05	0.18
192.50	0.00	193.02	0.08	193.54	0.14	194.06	0.20
192.51	0.00	193.03	0.08	193.55	0.14	194.07	0.22

Stage-Discharge for Pond B-13: Basin #13 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	0.25	194.60	5.41
194.09	0.29	194.61	5.55
194.10	0.33	194.62	5.69
194.11	0.38	194.63	5.83
194.12	0.43	194.64	5.98
194.13	0.48	194.65	6.12
194.14	0.54	194.66	6.27
194.15	0.60	194.67	6.41
194.16	0.67	194.68	6.56
194.17	0.73	194.69	6.71
194.18	0.80	194.70	6.86
194.19	0.87	194.71	7.01
194.20	0.95	194.72	7.16
194.21	1.03	194.73	7.31
194.22	1.10	194.74	7.47
194.23	1.19	194.75	7.62
194.24	1.27	194.76	7.78
194.25	1.36	194.77	7.93
194.26	1.44	194.78	8.09
194.27	1.53	194.79	8.25
194.28	1.63	194.80	8.41
194.29	1.72	194.81	8.57
194.30	1.82	194.82	8.73
194.31	1.91	194.83	8.89
194.32	2.01	194.84	9.06
194.33	2.11	194.85	9.22
194.34	2.22	194.86	9.50
194.35	2.32	194.87	9.88
194.36	2.43	194.88	10.33
194.37	2.54	194.89	10.82
194.38	2.64	194.90	11.36
194.39	2.76	194.91	11.95
194.40	2.87	194.92	12.57
194.41	2.98	194.93	13.22
194.42	3.10	194.94	13.91
194.43	3.22	194.95	14.62
194.44	3.33	194.96	15.37
194.45	3.45	194.97	16.14
194.46	3.57	194.98	16.95
194.47	3.70	194.99	17.77
194.48	3.82	195.00	18.63
194.49	3.95		
194.50	4.07		
194.51	4.20		
194.52	4.33		
194.53	4.46		
194.54	4.59		
194.55	4.73		
194.56	4.86		
194.57	5.00		
194.58	5.13		
194.59	5.27		

Stage-Area-Storage for Pond B-13: Basin #13

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,975	0	192.52	8,406	4,259
192.01	7,983	80	192.53	8,414	4,343
192.02	7,992	160	192.54	8,423	4,427
192.03	8,000	240	192.55	8,431	4,512
192.04	8,008	320	192.56	8,439	4,596
192.05	8,016	400	192.57	8,448	4,680
192.06	8,025	480	192.58	8,456	4,765
192.07	8,033	560	192.59	8,464	4,850
192.08	8,041	641	192.60	8,472	4,934
192.09	8,050	721	192.61	8,481	5,019
192.10	8,058	802	192.62	8,489	5,104
192.11	8,066	882	192.63	8,497	5,189
192.12	8,074	963	192.64	8,506	5,274
192.13	8,083	1,044	192.65	8,514	5,359
192.14	8,091	1,125	192.66	8,522	5,444
192.15	8,099	1,206	192.67	8,530	5,529
192.16	8,108	1,287	192.68	8,539	5,615
192.17	8,116	1,368	192.69	8,547	5,700
192.18	8,124	1,449	192.70	8,555	5,786
192.19	8,133	1,530	192.71	8,564	5,871
192.20	8,141	1,612	192.72	8,572	5,957
192.21	8,149	1,693	192.73	8,580	6,043
192.22	8,157	1,775	192.74	8,588	6,128
192.23	8,166	1,856	192.75	8,597	6,214
192.24	8,174	1,938	192.76	8,605	6,300
192.25	8,182	2,020	192.77	8,613	6,387
192.26	8,191	2,102	192.78	8,622	6,473
192.27	8,199	2,183	192.79	8,630	6,559
192.28	8,207	2,265	192.80	8,638	6,645
192.29	8,215	2,348	192.81	8,646	6,732
192.30	8,224	2,430	192.82	8,655	6,818
192.31	8,232	2,512	192.83	8,663	6,905
192.32	8,240	2,594	192.84	8,671	6,991
192.33	8,249	2,677	192.85	8,680	7,078
192.34	8,257	2,759	192.86	8,688	7,165
192.35	8,265	2,842	192.87	8,696	7,252
192.36	8,273	2,925	192.88	8,705	7,339
192.37	8,282	3,007	192.89	8,713	7,426
192.38	8,290	3,090	192.90	8,721	7,513
192.39	8,298	3,173	192.91	8,729	7,600
192.40	8,307	3,256	192.92	8,738	7,688
192.41	8,315	3,339	192.93	8,746	7,775
192.42	8,323	3,423	192.94	8,754	7,863
192.43	8,331	3,506	192.95	8,763	7,950
192.44	8,340	3,589	192.96	8,771	8,038
192.45	8,348	3,673	192.97	8,779	8,126
192.46	8,356	3,756	192.98	8,787	8,214
192.47	8,365	3,840	192.99	8,796	8,302
192.48	8,373	3,924	193.00	8,804	8,390
192.49	8,381	4,007	193.01	8,812	8,478
192.50	8,390	4,091	193.02	8,821	8,566
192.51	8,398	4,175	193.03	8,830	8,654

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	8,838	8,742	193.56	9,280	13,453
193.05	8,847	8,831	193.57	9,288	13,546
193.06	8,855	8,919	193.58	9,297	13,639
193.07	8,863	9,008	193.59	9,306	13,732
193.08	8,872	9,097	193.60	9,314	13,825
193.09	8,881	9,185	193.61	9,323	13,918
193.10	8,889	9,274	193.62	9,331	14,011
193.11	8,898	9,363	193.63	9,339	14,105
193.12	8,906	9,452	193.64	9,348	14,198
193.13	8,914	9,541	193.65	9,357	14,292
193.14	8,923	9,630	193.66	9,365	14,385
193.15	8,932	9,720	193.67	9,373	14,479
193.16	8,940	9,809	193.68	9,382	14,573
193.17	8,948	9,898	193.69	9,390	14,667
193.18	8,957	9,988	193.70	9,399	14,761
193.19	8,965	10,078	193.71	9,408	14,855
193.20	8,974	10,167	193.72	9,416	14,949
193.21	8,983	10,257	193.73	9,424	15,043
193.22	8,991	10,347	193.74	9,433	15,137
193.23	8,999	10,437	193.75	9,442	15,232
193.24	9,008	10,527	193.76	9,450	15,326
193.25	9,017	10,617	193.77	9,459	15,421
193.26	9,025	10,707	193.78	9,467	15,515
193.27	9,034	10,798	193.79	9,475	15,610
193.28	9,042	10,888	193.80	9,484	15,705
193.29	9,050	10,978	193.81	9,493	15,800
193.30	9,059	11,069	193.82	9,501	15,895
193.31	9,068	11,160	193.83	9,510	15,990
193.32	9,076	11,250	193.84	9,518	16,085
193.33	9,085	11,341	193.85	9,526	16,180
193.34	9,093	11,432	193.86	9,535	16,275
193.35	9,101	11,523	193.87	9,544	16,371
193.36	9,110	11,614	193.88	9,552	16,466
193.37	9,119	11,705	193.89	9,560	16,562
193.38	9,127	11,796	193.90	9,569	16,657
193.39	9,135	11,888	193.91	9,577	16,753
193.40	9,144	11,979	193.92	9,586	16,849
193.41	9,152	12,071	193.93	9,595	16,945
193.42	9,161	12,162	193.94	9,603	17,041
193.43	9,170	12,254	193.95	9,611	17,137
193.44	9,178	12,346	193.96	9,620	17,233
193.45	9,186	12,437	193.97	9,628	17,329
193.46	9,195	12,529	193.98	9,637	17,426
193.47	9,203	12,621	193.99	9,646	17,522
193.48	9,212	12,713	194.00	9,654	17,619
193.49	9,221	12,806	194.01	9,663	17,715
193.50	9,229	12,898	194.02	9,671	17,812
193.51	9,237	12,990	194.03	9,680	17,909
193.52	9,246	13,083	194.04	9,689	18,005
193.53	9,255	13,175	194.05	9,697	18,102
193.54	9,263	13,268	194.06	9,706	18,199
193.55	9,272	13,360	194.07	9,715	18,296

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	9,723	18,394	194.60	10,175	23,567
194.09	9,732	18,491	194.61	10,183	23,669
194.10	9,741	18,588	194.62	10,192	23,771
194.11	9,749	18,686	194.63	10,201	23,873
194.12	9,758	18,783	194.64	10,210	23,975
194.13	9,767	18,881	194.65	10,218	24,077
194.14	9,776	18,979	194.66	10,227	24,179
194.15	9,784	19,076	194.67	10,236	24,282
194.16	9,793	19,174	194.68	10,244	24,384
194.17	9,802	19,272	194.69	10,253	24,486
194.18	9,810	19,370	194.70	10,262	24,589
194.19	9,819	19,468	194.71	10,270	24,692
194.20	9,828	19,567	194.72	10,279	24,794
194.21	9,836	19,665	194.73	10,288	24,897
194.22	9,845	19,763	194.74	10,296	25,000
194.23	9,854	19,862	194.75	10,305	25,103
194.24	9,862	19,960	194.76	10,314	25,206
194.25	9,871	20,059	194.77	10,322	25,309
194.26	9,880	20,158	194.78	10,331	25,413
194.27	9,888	20,257	194.79	10,340	25,516
194.28	9,897	20,356	194.80	10,348	25,619
194.29	9,906	20,455	194.81	10,357	25,723
194.30	9,914	20,554	194.82	10,366	25,827
194.31	9,923	20,653	194.83	10,374	25,930
194.32	9,932	20,752	194.84	10,383	26,034
194.33	9,940	20,852	194.85	10,392	26,138
194.34	9,949	20,951	194.86	10,400	26,242
194.35	9,958	21,051	194.87	10,409	26,346
194.36	9,966	21,150	194.88	10,418	26,450
194.37	9,975	21,250	194.89	10,427	26,554
194.38	9,984	21,350	194.90	10,435	26,659
194.39	9,993	21,450	194.91	10,444	26,763
194.40	10,001	21,550	194.92	10,453	26,868
194.41	10,010	21,650	194.93	10,461	26,972
194.42	10,019	21,750	194.94	10,470	27,077
194.43	10,027	21,850	194.95	10,479	27,181
194.44	10,036	21,950	194.96	10,487	27,286
194.45	10,045	22,051	194.97	10,496	27,391
194.46	10,053	22,151	194.98	10,505	27,496
194.47	10,062	22,252	194.99	10,513	27,601
194.48	10,071	22,352	195.00	10,522	27,707
194.49	10,079	22,453			
194.50	10,088	22,554			
194.51	10,097	22,655			
194.52	10,105	22,756			
194.53	10,114	22,857			
194.54	10,123	22,958			
194.55	10,131	23,059			
194.56	10,140	23,161			
194.57	10,149	23,262			
194.58	10,157	23,364			
194.59	10,166	23,465			

Summary for Pond B-14: Basin #14

Inflow Area = 2.148 ac, 23.65% Impervious, Inflow Depth = 3.63" for Future 10 yr event
 Inflow = 8.18 cfs @ 12.17 hrs, Volume= 0.649 af
 Outflow = 1.43 cfs @ 12.72 hrs, Volume= 0.520 af, Atten= 83%, Lag= 32.9 min
 Primary = 1.43 cfs @ 12.72 hrs, Volume= 0.520 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.01' @ 12.72 hrs Surf.Area= 8,410 sf Storage= 15,703 cf

Plug-Flow detention time= 540.4 min calculated for 0.520 af (80% of inflow)
 Center-of-Mass det. time= 457.9 min (1,263.6 - 805.6)

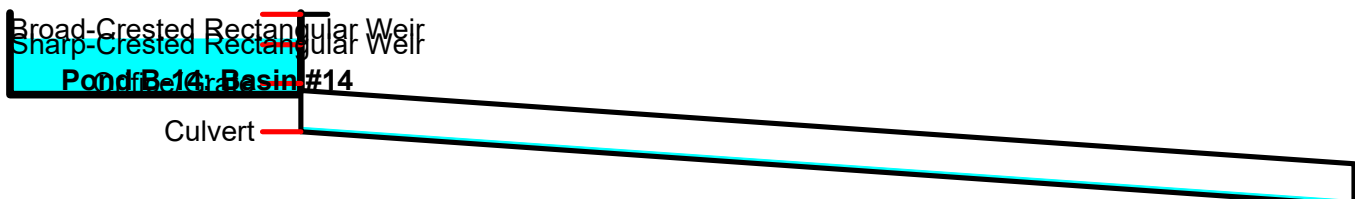
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	23,910 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,240	0	0
193.00	7,814	7,527	7,527
194.00	8,405	8,110	15,637
194.95	9,012	8,273	23,910

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 194.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0137 ' S= 0.0137 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.80'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.90'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

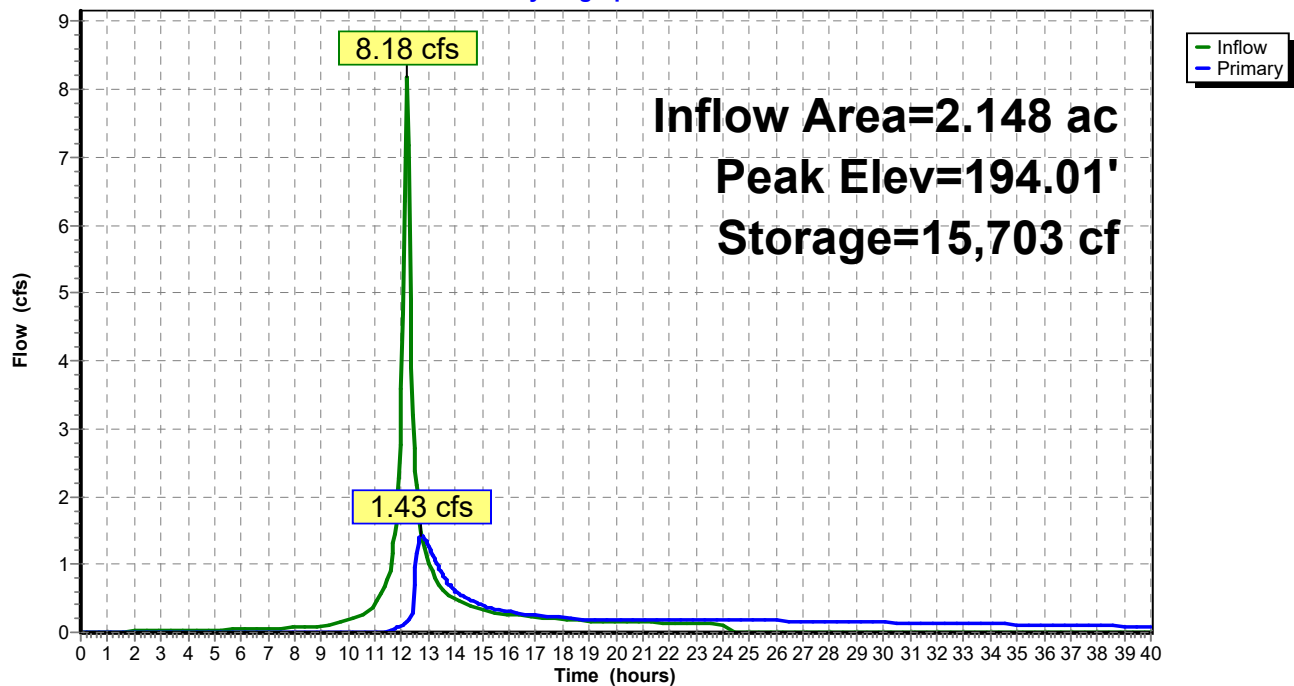
Primary OutFlow Max=1.42 cfs @ 12.72 hrs HW=194.01' (Free Discharge)

1=Culvert (Passes 1.42 cfs of 13.40 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.90 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.22 cfs @ 1.49 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-14: Basin #14

Hydrograph



Hydrograph for Pond B-14: Basin #14

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.00	0	192.00	0.00
0.70	0.00	0	192.00	0.00
0.80	0.00	0	192.00	0.00
0.90	0.00	1	192.00	0.00
1.00	0.00	2	192.00	0.00
1.10	0.01	3	192.00	0.00
1.20	0.01	5	192.00	0.00
1.30	0.01	8	192.00	0.00
1.40	0.01	12	192.00	0.00
1.50	0.01	15	192.00	0.00
1.60	0.01	20	192.00	0.00
1.70	0.01	25	192.00	0.00
1.80	0.02	30	192.00	0.00
1.90	0.02	35	192.00	0.00
2.00	0.02	41	192.01	0.00
2.10	0.02	48	192.01	0.00
2.20	0.02	55	192.01	0.00
2.30	0.02	62	192.01	0.00
2.40	0.02	69	192.01	0.00
2.50	0.02	77	192.01	0.00
2.60	0.02	85	192.01	0.00
2.70	0.02	93	192.01	0.00
2.80	0.02	102	192.01	0.00
2.90	0.03	111	192.02	0.00
3.00	0.03	120	192.02	0.00
3.10	0.03	130	192.02	0.00
3.20	0.03	139	192.02	0.00
3.30	0.03	149	192.02	0.00
3.40	0.03	160	192.02	0.00
3.50	0.03	170	192.02	0.00
3.60	0.03	181	192.02	0.00
3.70	0.03	192	192.03	0.00
3.80	0.03	203	192.03	0.00
3.90	0.03	214	192.03	0.00
4.00	0.03	226	192.03	0.00
4.10	0.03	238	192.03	0.00
4.20	0.03	250	192.03	0.00
4.30	0.03	262	192.04	0.00
4.40	0.03	275	192.04	0.00
4.50	0.04	287	192.04	0.00
4.60	0.04	300	192.04	0.00
4.70	0.04	313	192.04	0.00
4.80	0.04	326	192.04	0.00
4.90	0.04	339	192.05	0.00
5.00	0.04	353	192.05	0.00
5.10	0.04	366	192.05	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	380	192.05	0.00
5.30	0.04	394	192.05	0.00
5.40	0.04	409	192.06	0.00
5.50	0.04	423	192.06	0.00
5.60	0.04	437	192.06	0.00
5.70	0.04	452	192.06	0.00
5.80	0.04	467	192.06	0.00
5.90	0.04	482	192.07	0.00
6.00	0.04	497	192.07	0.00
6.10	0.04	512	192.07	0.00
6.20	0.04	528	192.07	0.00
6.30	0.05	544	192.07	0.00
6.40	0.05	560	192.08	0.00
6.50	0.05	577	192.08	0.00
6.60	0.05	595	192.08	0.00
6.70	0.05	612	192.08	0.00
6.80	0.05	631	192.09	0.00
6.90	0.05	649	192.09	0.00
7.00	0.05	668	192.09	0.00
7.10	0.06	688	192.09	0.00
7.20	0.06	708	192.10	0.00
7.30	0.06	728	192.10	0.00
7.40	0.06	749	192.10	0.00
7.50	0.06	771	192.11	0.00
7.60	0.06	792	192.11	0.00
7.70	0.06	815	192.11	0.00
7.80	0.06	837	192.12	0.00
7.90	0.06	861	192.12	0.00
8.00	0.07	884	192.12	0.00
8.10	0.07	908	192.12	0.00
8.20	0.07	933	192.13	0.00
8.30	0.07	958	192.13	0.00
8.40	0.08	985	192.14	0.00
8.50	0.08	1,012	192.14	0.00
8.60	0.08	1,041	192.14	0.00
8.70	0.09	1,071	192.15	0.00
8.80	0.09	1,103	192.15	0.00
8.90	0.09	1,135	192.16	0.00
9.00	0.10	1,169	192.16	0.00
9.10	0.10	1,204	192.17	0.00
9.20	0.11	1,242	192.17	0.00
9.30	0.12	1,282	192.18	0.00
9.40	0.12	1,325	192.18	0.00
9.50	0.13	1,372	192.19	0.00
9.60	0.14	1,421	192.19	0.00
9.70	0.15	1,474	192.20	0.00
9.80	0.16	1,531	192.21	0.00
9.90	0.17	1,591	192.22	0.00
10.00	0.18	1,655	192.23	0.00
10.10	0.19	1,723	192.24	0.00
10.20	0.21	1,795	192.25	0.00
10.30	0.22	1,871	192.26	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.23	1,952	192.27	0.00
10.50	0.24	2,037	192.28	0.00
10.60	0.26	2,128	192.29	0.00
10.70	0.29	2,227	192.30	0.00
10.80	0.33	2,339	192.32	0.00
10.90	0.37	2,465	192.34	0.00
11.00	0.41	2,605	192.35	0.00
11.10	0.46	2,761	192.38	0.00
11.20	0.53	2,940	192.40	0.00
11.30	0.61	3,145	192.43	0.00
11.40	0.70	3,379	192.46	0.01
11.50	0.78	3,641	192.49	0.02
11.60	0.97	3,943	192.53	0.03
11.70	1.31	4,341	192.59	0.05
11.80	1.63	4,844	192.65	0.06
11.90	2.27	5,511	192.74	0.08
12.00	3.58	6,504	192.87	0.10
12.10	6.34	8,203	193.09	0.13
12.20	7.96	10,877	193.42	0.16
12.30	4.91	13,130	193.70	0.18
12.40	3.21	14,479	193.86	0.39
12.50	2.38	15,222	193.95	0.96
12.60	1.94	15,589	193.99	1.31
12.70	1.47	15,700	194.01	1.43
12.80	1.27	15,680	194.01	1.40
12.90	1.15	15,620	194.00	1.34
13.00	1.04	15,544	193.99	1.27
13.10	0.93	15,458	193.98	1.18
13.20	0.83	15,366	193.97	1.09
13.30	0.77	15,276	193.96	1.01
13.40	0.71	15,193	193.95	0.93
13.50	0.65	15,114	193.94	0.86
13.60	0.59	15,038	193.93	0.80
13.70	0.54	14,964	193.92	0.74
13.80	0.52	14,899	193.91	0.68
13.90	0.50	14,843	193.91	0.64
14.00	0.48	14,795	193.90	0.61
14.10	0.47	14,754	193.89	0.57
14.20	0.45	14,718	193.89	0.55
14.30	0.44	14,686	193.89	0.52
14.40	0.42	14,655	193.88	0.51
14.50	0.41	14,626	193.88	0.49
14.60	0.39	14,598	193.88	0.47
14.70	0.38	14,571	193.87	0.45
14.80	0.36	14,544	193.87	0.43
14.90	0.35	14,518	193.87	0.42
15.00	0.33	14,492	193.86	0.40
15.10	0.31	14,467	193.86	0.38
15.20	0.30	14,442	193.86	0.37
15.30	0.29	14,418	193.85	0.36
15.40	0.29	14,396	193.85	0.35
15.50	0.29	14,377	193.85	0.34

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	14,359	193.85	0.33
15.70	0.28	14,343	193.85	0.32
15.80	0.27	14,328	193.84	0.31
15.90	0.27	14,314	193.84	0.31
16.00	0.27	14,301	193.84	0.30
16.10	0.26	14,289	193.84	0.29
16.20	0.26	14,278	193.84	0.29
16.30	0.25	14,267	193.84	0.28
16.40	0.25	14,257	193.83	0.28
16.50	0.25	14,247	193.83	0.27
16.60	0.24	14,237	193.83	0.27
16.70	0.24	14,227	193.83	0.26
16.80	0.23	14,218	193.83	0.26
16.90	0.23	14,209	193.83	0.25
17.00	0.22	14,199	193.83	0.25
17.10	0.22	14,190	193.83	0.25
17.20	0.22	14,179	193.83	0.25
17.30	0.21	14,169	193.82	0.24
17.40	0.21	14,157	193.82	0.24
17.50	0.20	14,146	193.82	0.24
17.60	0.20	14,134	193.82	0.23
17.70	0.20	14,122	193.82	0.23
17.80	0.19	14,109	193.82	0.23
17.90	0.19	14,096	193.82	0.22
18.00	0.18	14,083	193.81	0.22
18.10	0.18	14,070	193.81	0.22
18.20	0.17	14,057	193.81	0.21
18.30	0.17	14,044	193.81	0.21
18.40	0.17	14,032	193.81	0.20
18.50	0.17	14,020	193.81	0.20
18.60	0.17	14,010	193.81	0.20
18.70	0.17	14,000	193.80	0.20
18.80	0.17	13,990	193.80	0.19
18.90	0.17	13,981	193.80	0.19
19.00	0.17	13,973	193.80	0.19
19.10	0.16	13,965	193.80	0.19
19.20	0.16	13,957	193.80	0.19
19.30	0.16	13,948	193.80	0.19
19.40	0.16	13,940	193.80	0.19
19.50	0.16	13,930	193.80	0.19
19.60	0.16	13,921	193.79	0.19
19.70	0.16	13,911	193.79	0.19
19.80	0.16	13,901	193.79	0.19
19.90	0.16	13,891	193.79	0.19
20.00	0.16	13,880	193.79	0.19
20.10	0.15	13,869	193.79	0.19
20.20	0.15	13,857	193.79	0.19
20.30	0.15	13,845	193.79	0.19
20.40	0.15	13,833	193.78	0.19
20.50	0.15	13,821	193.78	0.19
20.60	0.15	13,808	193.78	0.19
20.70	0.15	13,795	193.78	0.19

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	13,781	193.78	0.19
20.90	0.15	13,768	193.78	0.19
21.00	0.15	13,753	193.77	0.18
21.10	0.14	13,739	193.77	0.18
21.20	0.14	13,724	193.77	0.18
21.30	0.14	13,709	193.77	0.18
21.40	0.14	13,693	193.77	0.18
21.50	0.14	13,678	193.76	0.18
21.60	0.14	13,662	193.76	0.18
21.70	0.14	13,645	193.76	0.18
21.80	0.14	13,628	193.76	0.18
21.90	0.14	13,611	193.76	0.18
22.00	0.13	13,594	193.75	0.18
22.10	0.13	13,576	193.75	0.18
22.20	0.13	13,558	193.75	0.18
22.30	0.13	13,540	193.75	0.18
22.40	0.13	13,521	193.75	0.18
22.50	0.13	13,502	193.74	0.18
22.60	0.13	13,482	193.74	0.18
22.70	0.13	13,463	193.74	0.18
22.80	0.13	13,443	193.74	0.18
22.90	0.12	13,423	193.73	0.18
23.00	0.12	13,402	193.73	0.18
23.10	0.12	13,381	193.73	0.18
23.20	0.12	13,360	193.73	0.18
23.30	0.12	13,338	193.72	0.18
23.40	0.12	13,316	193.72	0.18
23.50	0.12	13,294	193.72	0.18
23.60	0.12	13,272	193.72	0.18
23.70	0.12	13,249	193.71	0.18
23.80	0.12	13,226	193.71	0.18
23.90	0.11	13,202	193.71	0.18
24.00	0.12	13,179	193.70	0.18
24.10	0.10	13,157	193.70	0.18
24.20	0.03	13,115	193.70	0.18
24.30	0.01	13,056	193.69	0.18
24.40	0.00	12,993	193.68	0.18
24.50	0.00	12,930	193.67	0.18
24.60	0.00	12,866	193.67	0.18
24.70	0.00	12,802	193.66	0.18
24.80	0.00	12,739	193.65	0.18
24.90	0.00	12,676	193.64	0.18
25.00	0.00	12,613	193.64	0.17
25.10	0.00	12,550	193.63	0.17
25.20	0.00	12,487	193.62	0.17
25.30	0.00	12,425	193.61	0.17
25.40	0.00	12,363	193.61	0.17
25.50	0.00	12,301	193.60	0.17
25.60	0.00	12,239	193.59	0.17
25.70	0.00	12,178	193.58	0.17
25.80	0.00	12,117	193.57	0.17
25.90	0.00	12,056	193.57	0.17

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,995	193.56	0.17
26.10	0.00	11,934	193.55	0.17
26.20	0.00	11,874	193.55	0.17
26.30	0.00	11,814	193.54	0.17
26.40	0.00	11,754	193.53	0.17
26.50	0.00	11,694	193.52	0.17
26.60	0.00	11,634	193.52	0.17
26.70	0.00	11,575	193.51	0.16
26.80	0.00	11,516	193.50	0.16
26.90	0.00	11,457	193.49	0.16
27.00	0.00	11,398	193.49	0.16
27.10	0.00	11,340	193.48	0.16
27.20	0.00	11,282	193.47	0.16
27.30	0.00	11,224	193.46	0.16
27.40	0.00	11,166	193.46	0.16
27.50	0.00	11,108	193.45	0.16
27.60	0.00	11,051	193.44	0.16
27.70	0.00	10,994	193.44	0.16
27.80	0.00	10,937	193.43	0.16
27.90	0.00	10,880	193.42	0.16
28.00	0.00	10,824	193.42	0.16
28.10	0.00	10,767	193.41	0.16
28.20	0.00	10,711	193.40	0.16
28.30	0.00	10,655	193.39	0.15
28.40	0.00	10,600	193.39	0.15
28.50	0.00	10,544	193.38	0.15
28.60	0.00	10,489	193.37	0.15
28.70	0.00	10,434	193.37	0.15
28.80	0.00	10,379	193.36	0.15
28.90	0.00	10,325	193.35	0.15
29.00	0.00	10,270	193.35	0.15
29.10	0.00	10,216	193.34	0.15
29.20	0.00	10,162	193.33	0.15
29.30	0.00	10,109	193.33	0.15
29.40	0.00	10,055	193.32	0.15
29.50	0.00	10,002	193.31	0.15
29.60	0.00	9,949	193.31	0.15
29.70	0.00	9,896	193.30	0.15
29.80	0.00	9,844	193.29	0.15
29.90	0.00	9,791	193.29	0.15
30.00	0.00	9,739	193.28	0.14
30.10	0.00	9,687	193.27	0.14
30.20	0.00	9,635	193.27	0.14
30.30	0.00	9,584	193.26	0.14
30.40	0.00	9,533	193.25	0.14
30.50	0.00	9,482	193.25	0.14
30.60	0.00	9,431	193.24	0.14
30.70	0.00	9,380	193.24	0.14
30.80	0.00	9,330	193.23	0.14
30.90	0.00	9,279	193.22	0.14
31.00	0.00	9,230	193.22	0.14
31.10	0.00	9,180	193.21	0.14

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,130	193.20	0.14
31.30	0.00	9,081	193.20	0.14
31.40	0.00	9,032	193.19	0.14
31.50	0.00	8,983	193.19	0.14
31.60	0.00	8,934	193.18	0.13
31.70	0.00	8,886	193.17	0.13
31.80	0.00	8,838	193.17	0.13
31.90	0.00	8,790	193.16	0.13
32.00	0.00	8,742	193.15	0.13
32.10	0.00	8,694	193.15	0.13
32.20	0.00	8,647	193.14	0.13
32.30	0.00	8,600	193.14	0.13
32.40	0.00	8,553	193.13	0.13
32.50	0.00	8,506	193.12	0.13
32.60	0.00	8,460	193.12	0.13
32.70	0.00	8,414	193.11	0.13
32.80	0.00	8,368	193.11	0.13
32.90	0.00	8,322	193.10	0.13
33.00	0.00	8,277	193.10	0.13
33.10	0.00	8,231	193.09	0.13
33.20	0.00	8,186	193.08	0.12
33.30	0.00	8,141	193.08	0.12
33.40	0.00	8,097	193.07	0.12
33.50	0.00	8,052	193.07	0.12
33.60	0.00	8,008	193.06	0.12
33.70	0.00	7,964	193.06	0.12
33.80	0.00	7,920	193.05	0.12
33.90	0.00	7,877	193.04	0.12
34.00	0.00	7,833	193.04	0.12
34.10	0.00	7,790	193.03	0.12
34.20	0.00	7,747	193.03	0.12
34.30	0.00	7,705	193.02	0.12
34.40	0.00	7,662	193.02	0.12
34.50	0.00	7,620	193.01	0.12
34.60	0.00	7,578	193.01	0.12
34.70	0.00	7,536	193.00	0.12
34.80	0.00	7,495	193.00	0.12
34.90	0.00	7,453	192.99	0.11
35.00	0.00	7,412	192.99	0.11
35.10	0.00	7,371	192.98	0.11
35.20	0.00	7,331	192.97	0.11
35.30	0.00	7,290	192.97	0.11
35.40	0.00	7,250	192.96	0.11
35.50	0.00	7,210	192.96	0.11
35.60	0.00	7,170	192.95	0.11
35.70	0.00	7,131	192.95	0.11
35.80	0.00	7,092	192.94	0.11
35.90	0.00	7,052	192.94	0.11
36.00	0.00	7,014	192.93	0.11
36.10	0.00	6,975	192.93	0.11
36.20	0.00	6,937	192.92	0.11
36.30	0.00	6,898	192.92	0.11

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,860	192.91	0.11
36.50	0.00	6,823	192.91	0.10
36.60	0.00	6,785	192.90	0.10
36.70	0.00	6,748	192.90	0.10
36.80	0.00	6,711	192.90	0.10
36.90	0.00	6,674	192.89	0.10
37.00	0.00	6,637	192.89	0.10
37.10	0.00	6,601	192.88	0.10
37.20	0.00	6,565	192.88	0.10
37.30	0.00	6,529	192.87	0.10
37.40	0.00	6,493	192.87	0.10
37.50	0.00	6,458	192.86	0.10
37.60	0.00	6,423	192.86	0.10
37.70	0.00	6,388	192.85	0.10
37.80	0.00	6,353	192.85	0.10
37.90	0.00	6,318	192.84	0.10
38.00	0.00	6,284	192.84	0.10
38.10	0.00	6,250	192.84	0.09
38.20	0.00	6,216	192.83	0.09
38.30	0.00	6,182	192.83	0.09
38.40	0.00	6,149	192.82	0.09
38.50	0.00	6,115	192.82	0.09
38.60	0.00	6,082	192.81	0.09
38.70	0.00	6,050	192.81	0.09
38.80	0.00	6,017	192.81	0.09
38.90	0.00	5,985	192.80	0.09
39.00	0.00	5,953	192.80	0.09
39.10	0.00	5,921	192.79	0.09
39.20	0.00	5,889	192.79	0.09
39.30	0.00	5,858	192.78	0.09
39.40	0.00	5,827	192.78	0.09
39.50	0.00	5,796	192.78	0.09
39.60	0.00	5,765	192.77	0.09
39.70	0.00	5,735	192.77	0.08
39.80	0.00	5,704	192.76	0.08
39.90	0.00	5,674	192.76	0.08
40.00	0.00	5,644	192.76	0.08

Stage-Discharge for Pond B-14: Basin #14

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.02	193.04	0.12	193.56	0.17
192.01	0.00	192.53	0.03	193.05	0.12	193.57	0.17
192.02	0.00	192.54	0.03	193.06	0.12	193.58	0.17
192.03	0.00	192.55	0.03	193.07	0.12	193.59	0.17
192.04	0.00	192.56	0.04	193.08	0.12	193.60	0.17
192.05	0.00	192.57	0.04	193.09	0.13	193.61	0.17
192.06	0.00	192.58	0.05	193.10	0.13	193.62	0.17
192.07	0.00	192.59	0.05	193.11	0.13	193.63	0.17
192.08	0.00	192.60	0.05	193.12	0.13	193.64	0.17
192.09	0.00	192.61	0.05	193.13	0.13	193.65	0.18
192.10	0.00	192.62	0.06	193.14	0.13	193.66	0.18
192.11	0.00	192.63	0.06	193.15	0.13	193.67	0.18
192.12	0.00	192.64	0.06	193.16	0.13	193.68	0.18
192.13	0.00	192.65	0.06	193.17	0.13	193.69	0.18
192.14	0.00	192.66	0.06	193.18	0.13	193.70	0.18
192.15	0.00	192.67	0.07	193.19	0.14	193.71	0.18
192.16	0.00	192.68	0.07	193.20	0.14	193.72	0.18
192.17	0.00	192.69	0.07	193.21	0.14	193.73	0.18
192.18	0.00	192.70	0.07	193.22	0.14	193.74	0.18
192.19	0.00	192.71	0.07	193.23	0.14	193.75	0.18
192.20	0.00	192.72	0.08	193.24	0.14	193.76	0.18
192.21	0.00	192.73	0.08	193.25	0.14	193.77	0.18
192.22	0.00	192.74	0.08	193.26	0.14	193.78	0.19
192.23	0.00	192.75	0.08	193.27	0.14	193.79	0.19
192.24	0.00	192.76	0.08	193.28	0.14	193.80	0.19
192.25	0.00	192.77	0.08	193.29	0.15	193.81	0.20
192.26	0.00	192.78	0.09	193.30	0.15	193.82	0.23
192.27	0.00	192.79	0.09	193.31	0.15	193.83	0.26
192.28	0.00	192.80	0.09	193.32	0.15	193.84	0.29
192.29	0.00	192.81	0.09	193.33	0.15	193.85	0.34
192.30	0.00	192.82	0.09	193.34	0.15	193.86	0.38
192.31	0.00	192.83	0.09	193.35	0.15	193.87	0.43
192.32	0.00	192.84	0.10	193.36	0.15	193.88	0.49
192.33	0.00	192.85	0.10	193.37	0.15	193.89	0.54
192.34	0.00	192.86	0.10	193.38	0.15	193.90	0.61
192.35	0.00	192.87	0.10	193.39	0.15	193.91	0.67
192.36	0.00	192.88	0.10	193.40	0.16	193.92	0.74
192.37	0.00	192.89	0.10	193.41	0.16	193.93	0.81
192.38	0.00	192.90	0.10	193.42	0.16	193.94	0.88
192.39	0.00	192.91	0.10	193.43	0.16	193.95	0.95
192.40	0.00	192.92	0.11	193.44	0.16	193.96	1.03
192.41	0.00	192.93	0.11	193.45	0.16	193.97	1.11
192.42	0.00	192.94	0.11	193.46	0.16	193.98	1.19
192.43	0.00	192.95	0.11	193.47	0.16	193.99	1.27
192.44	0.00	192.96	0.11	193.48	0.16	194.00	1.36
192.45	0.00	192.97	0.11	193.49	0.16	194.01	1.45
192.46	0.01	192.98	0.11	193.50	0.16	194.02	1.54
192.47	0.01	192.99	0.11	193.51	0.16	194.03	1.63
192.48	0.01	193.00	0.12	193.52	0.17	194.04	1.72
192.49	0.01	193.01	0.12	193.53	0.17	194.05	1.82
192.50	0.02	193.02	0.12	193.54	0.17	194.06	1.92
192.51	0.02	193.03	0.12	193.55	0.17	194.07	2.02

Stage-Discharge for Pond B-14: Basin #14 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	2.12	194.60	9.22
194.09	2.22	194.61	9.39
194.10	2.32	194.62	9.55
194.11	2.43	194.63	9.72
194.12	2.54	194.64	9.89
194.13	2.65	194.65	10.06
194.14	2.76	194.66	10.22
194.15	2.87	194.67	10.39
194.16	2.99	194.68	10.56
194.17	3.10	194.69	10.74
194.18	3.22	194.70	10.91
194.19	3.34	194.71	11.08
194.20	3.46	194.72	11.26
194.21	3.58	194.73	11.43
194.22	3.70	194.74	11.61
194.23	3.82	194.75	11.78
194.24	3.95	194.76	11.96
194.25	4.08	194.77	12.14
194.26	4.20	194.78	12.32
194.27	4.33	194.79	12.49
194.28	4.46	194.80	12.67
194.29	4.60	194.81	12.86
194.30	4.73	194.82	13.04
194.31	4.86	194.83	13.22
194.32	5.00	194.84	13.40
194.33	5.13	194.85	13.59
194.34	5.27	194.86	13.77
194.35	5.41	194.87	13.96
194.36	5.55	194.88	14.14
194.37	5.69	194.89	14.33
194.38	5.83	194.90	14.51
194.39	5.98	194.91	14.80
194.40	6.12	194.92	15.03
194.41	6.27	194.93	15.32
194.42	6.41	194.94	15.66
194.43	6.56	194.95	16.05
194.44	6.71		
194.45	6.86		
194.46	7.01		
194.47	7.16		
194.48	7.32		
194.49	7.47		
194.50	7.62		
194.51	7.78		
194.52	7.94		
194.53	8.09		
194.54	8.25		
194.55	8.41		
194.56	8.57		
194.57	8.73		
194.58	8.90		
194.59	9.06		

Stage-Area-Storage for Pond B-14: Basin #14

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,240	0	192.52	7,538	3,842
192.01	7,246	72	192.53	7,544	3,918
192.02	7,251	145	192.54	7,550	3,993
192.03	7,257	217	192.55	7,556	4,069
192.04	7,263	290	192.56	7,561	4,144
192.05	7,269	363	192.57	7,567	4,220
192.06	7,274	435	192.58	7,573	4,296
192.07	7,280	508	192.59	7,579	4,372
192.08	7,286	581	192.60	7,584	4,447
192.09	7,292	654	192.61	7,590	4,523
192.10	7,297	727	192.62	7,596	4,599
192.11	7,303	800	192.63	7,602	4,675
192.12	7,309	873	192.64	7,607	4,751
192.13	7,315	946	192.65	7,613	4,827
192.14	7,320	1,019	192.66	7,619	4,903
192.15	7,326	1,092	192.67	7,625	4,980
192.16	7,332	1,166	192.68	7,630	5,056
192.17	7,338	1,239	192.69	7,636	5,132
192.18	7,343	1,312	192.70	7,642	5,209
192.19	7,349	1,386	192.71	7,648	5,285
192.20	7,355	1,459	192.72	7,653	5,362
192.21	7,361	1,533	192.73	7,659	5,438
192.22	7,366	1,607	192.74	7,665	5,515
192.23	7,372	1,680	192.75	7,671	5,591
192.24	7,378	1,754	192.76	7,676	5,668
192.25	7,384	1,828	192.77	7,682	5,745
192.26	7,389	1,902	192.78	7,688	5,822
192.27	7,395	1,976	192.79	7,693	5,899
192.28	7,401	2,050	192.80	7,699	5,976
192.29	7,406	2,124	192.81	7,705	6,053
192.30	7,412	2,198	192.82	7,711	6,130
192.31	7,418	2,272	192.83	7,716	6,207
192.32	7,424	2,346	192.84	7,722	6,284
192.33	7,429	2,420	192.85	7,728	6,361
192.34	7,435	2,495	192.86	7,734	6,439
192.35	7,441	2,569	192.87	7,739	6,516
192.36	7,447	2,644	192.88	7,745	6,593
192.37	7,452	2,718	192.89	7,751	6,671
192.38	7,458	2,793	192.90	7,757	6,748
192.39	7,464	2,867	192.91	7,762	6,826
192.40	7,470	2,942	192.92	7,768	6,904
192.41	7,475	3,017	192.93	7,774	6,981
192.42	7,481	3,091	192.94	7,780	7,059
192.43	7,487	3,166	192.95	7,785	7,137
192.44	7,493	3,241	192.96	7,791	7,215
192.45	7,498	3,316	192.97	7,797	7,293
192.46	7,504	3,391	192.98	7,803	7,371
192.47	7,510	3,466	192.99	7,808	7,449
192.48	7,516	3,541	193.00	7,814	7,527
192.49	7,521	3,617	193.01	7,820	7,605
192.50	7,527	3,692	193.02	7,826	7,683
192.51	7,533	3,767	193.03	7,832	7,762

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	7,838	7,840	193.56	8,145	11,996
193.05	7,844	7,918	193.57	8,151	12,077
193.06	7,849	7,997	193.58	8,157	12,159
193.07	7,855	8,075	193.59	8,163	12,240
193.08	7,861	8,154	193.60	8,169	12,322
193.09	7,867	8,233	193.61	8,175	12,403
193.10	7,873	8,311	193.62	8,180	12,485
193.11	7,879	8,390	193.63	8,186	12,567
193.12	7,885	8,469	193.64	8,192	12,649
193.13	7,891	8,548	193.65	8,198	12,731
193.14	7,897	8,627	193.66	8,204	12,813
193.15	7,903	8,706	193.67	8,210	12,895
193.16	7,909	8,785	193.68	8,216	12,977
193.17	7,914	8,864	193.69	8,222	13,059
193.18	7,920	8,943	193.70	8,228	13,142
193.19	7,926	9,022	193.71	8,234	13,224
193.20	7,932	9,102	193.72	8,240	13,306
193.21	7,938	9,181	193.73	8,245	13,389
193.22	7,944	9,260	193.74	8,251	13,471
193.23	7,950	9,340	193.75	8,257	13,554
193.24	7,956	9,419	193.76	8,263	13,636
193.25	7,962	9,499	193.77	8,269	13,719
193.26	7,968	9,579	193.78	8,275	13,802
193.27	7,974	9,658	193.79	8,281	13,884
193.28	7,979	9,738	193.80	8,287	13,967
193.29	7,985	9,818	193.81	8,293	14,050
193.30	7,991	9,898	193.82	8,299	14,133
193.31	7,997	9,978	193.83	8,305	14,216
193.32	8,003	10,058	193.84	8,310	14,299
193.33	8,009	10,138	193.85	8,316	14,382
193.34	8,015	10,218	193.86	8,322	14,466
193.35	8,021	10,298	193.87	8,328	14,549
193.36	8,027	10,378	193.88	8,334	14,632
193.37	8,033	10,459	193.89	8,340	14,716
193.38	8,039	10,539	193.90	8,346	14,799
193.39	8,044	10,619	193.91	8,352	14,882
193.40	8,050	10,700	193.92	8,358	14,966
193.41	8,056	10,780	193.93	8,364	15,050
193.42	8,062	10,861	193.94	8,370	15,133
193.43	8,068	10,942	193.95	8,375	15,217
193.44	8,074	11,022	193.96	8,381	15,301
193.45	8,080	11,103	193.97	8,387	15,385
193.46	8,086	11,184	193.98	8,393	15,469
193.47	8,092	11,265	193.99	8,399	15,552
193.48	8,098	11,346	194.00	8,405	15,637
193.49	8,104	11,427	194.01	8,411	15,721
193.50	8,110	11,508	194.02	8,418	15,805
193.51	8,115	11,589	194.03	8,424	15,889
193.52	8,121	11,670	194.04	8,431	15,973
193.53	8,127	11,751	194.05	8,437	16,058
193.54	8,133	11,833	194.06	8,443	16,142
193.55	8,139	11,914	194.07	8,450	16,226

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	8,456	16,311	194.60	8,788	20,795
194.09	8,463	16,396	194.61	8,795	20,882
194.10	8,469	16,480	194.62	8,801	20,970
194.11	8,475	16,565	194.63	8,808	21,058
194.12	8,482	16,650	194.64	8,814	21,147
194.13	8,488	16,735	194.65	8,820	21,235
194.14	8,494	16,819	194.66	8,827	21,323
194.15	8,501	16,904	194.67	8,833	21,411
194.16	8,507	16,989	194.68	8,839	21,500
194.17	8,514	17,075	194.69	8,846	21,588
194.18	8,520	17,160	194.70	8,852	21,677
194.19	8,526	17,245	194.71	8,859	21,765
194.20	8,533	17,330	194.72	8,865	21,854
194.21	8,539	17,416	194.73	8,871	21,942
194.22	8,546	17,501	194.74	8,878	22,031
194.23	8,552	17,587	194.75	8,884	22,120
194.24	8,558	17,672	194.76	8,891	22,209
194.25	8,565	17,758	194.77	8,897	22,298
194.26	8,571	17,843	194.78	8,903	22,387
194.27	8,578	17,929	194.79	8,910	22,476
194.28	8,584	18,015	194.80	8,916	22,565
194.29	8,590	18,101	194.81	8,923	22,654
194.30	8,597	18,187	194.82	8,929	22,743
194.31	8,603	18,273	194.83	8,935	22,833
194.32	8,609	18,359	194.84	8,942	22,922
194.33	8,616	18,445	194.85	8,948	23,012
194.34	8,622	18,531	194.86	8,954	23,101
194.35	8,629	18,617	194.87	8,961	23,191
194.36	8,635	18,704	194.88	8,967	23,280
194.37	8,641	18,790	194.89	8,974	23,370
194.38	8,648	18,877	194.90	8,980	23,460
194.39	8,654	18,963	194.91	8,986	23,550
194.40	8,661	19,050	194.92	8,993	23,640
194.41	8,667	19,136	194.93	8,999	23,729
194.42	8,673	19,223	194.94	9,006	23,819
194.43	8,680	19,310	194.95	9,012	23,910
194.44	8,686	19,397			
194.45	8,693	19,483			
194.46	8,699	19,570			
194.47	8,705	19,657			
194.48	8,712	19,745			
194.49	8,718	19,832			
194.50	8,724	19,919			
194.51	8,731	20,006			
194.52	8,737	20,093			
194.53	8,744	20,181			
194.54	8,750	20,268			
194.55	8,756	20,356			
194.56	8,763	20,443			
194.57	8,769	20,531			
194.58	8,776	20,619			
194.59	8,782	20,707			

Summary for Pond B-15: Basin #15

Inflow Area = 2.365 ac, 58.73% Impervious, Inflow Depth = 4.52" for Future 10 yr event
 Inflow = 10.62 cfs @ 12.17 hrs, Volume= 0.891 af
 Outflow = 8.04 cfs @ 12.26 hrs, Volume= 0.661 af, Atten= 24%, Lag= 5.4 min
 Primary = 8.04 cfs @ 12.26 hrs, Volume= 0.661 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 199.73' @ 12.26 hrs Surf.Area= 5,390 sf Storage= 15,943 cf

Plug-Flow detention time= 249.2 min calculated for 0.660 af (74% of inflow)
 Center-of-Mass det. time= 157.8 min (932.0 - 774.2)

Volume	Invert	Avail.Storage	Storage Description
#1	196.00'	17,418 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
196.00	3,221	0	0
197.00	3,765	3,493	3,493
198.00	4,333	4,049	7,542
199.00	4,930	4,632	12,174
200.00	5,559	5,245	17,418

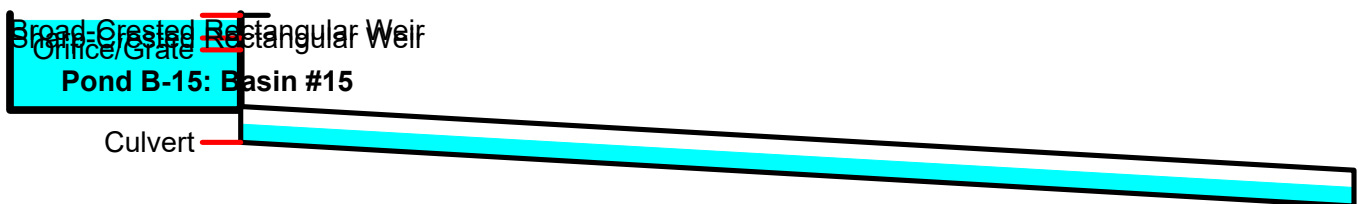
Device	Routing	Invert	Outlet Devices
#1	Primary	194.65'	18.0" Round Culvert L= 203.0' Ke= 0.500 Inlet / Outlet Invert= 194.65' / 192.00' S= 0.0131 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	198.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	199.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	199.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

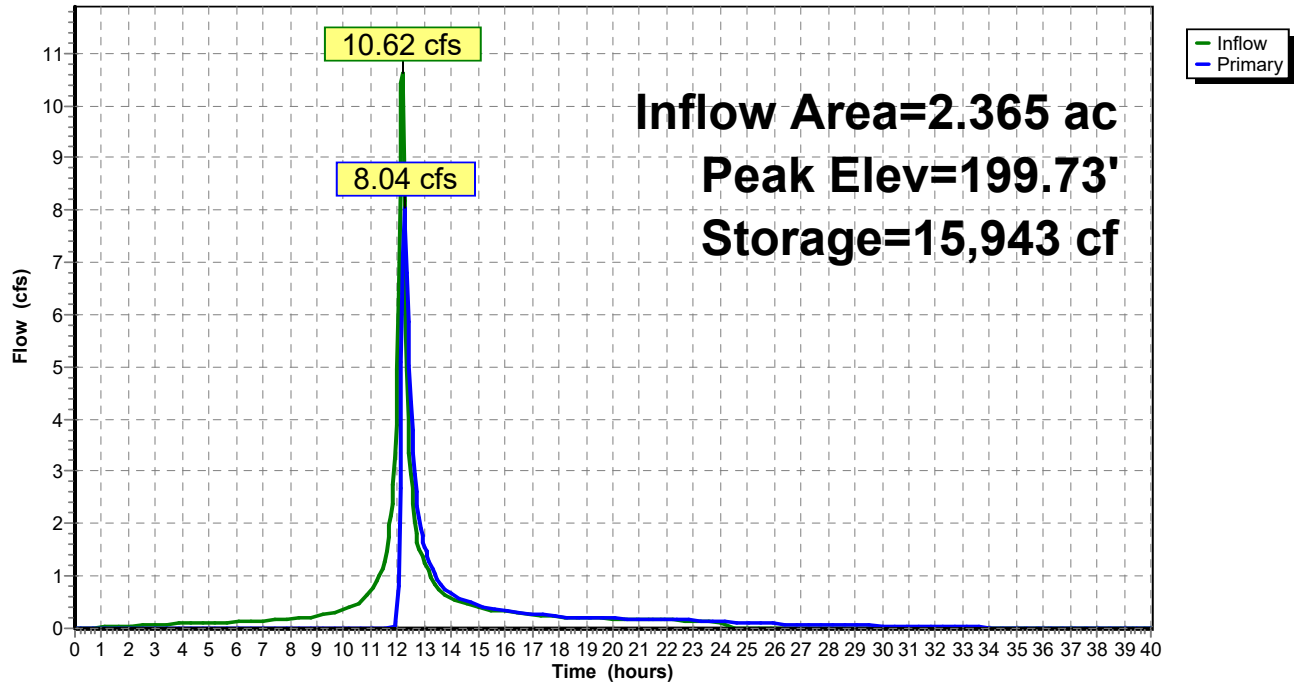
Primary OutFlow Max=7.94 cfs @ 12.26 hrs HW=199.72' (Free Discharge)

1=Culvert (Passes 7.94 cfs of 15.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.10 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 7.77 cfs @ 2.78 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Orifice/Grate
Pond B-15: Basin #15

Culvert



Pond B-15: Basin #15**Hydrograph**

Hydrograph for Pond B-15: Basin #15

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	196.00	0.00
0.10	0.00	0	196.00	0.00
0.20	0.00	0	196.00	0.00
0.30	0.00	0	196.00	0.00
0.40	0.00	0	196.00	0.00
0.50	0.00	0	196.00	0.00
0.60	0.00	0	196.00	0.00
0.70	0.00	0	196.00	0.00
0.80	0.00	0	196.00	0.00
0.90	0.01	1	196.00	0.00
1.00	0.01	4	196.00	0.00
1.10	0.01	9	196.00	0.00
1.20	0.02	15	196.00	0.00
1.30	0.02	23	196.01	0.00
1.40	0.03	32	196.01	0.00
1.50	0.03	42	196.01	0.00
1.60	0.03	54	196.02	0.00
1.70	0.04	67	196.02	0.00
1.80	0.04	81	196.03	0.00
1.90	0.04	97	196.03	0.00
2.00	0.05	113	196.04	0.00
2.10	0.05	131	196.04	0.00
2.20	0.05	149	196.05	0.00
2.30	0.06	169	196.05	0.00
2.40	0.06	189	196.06	0.00
2.50	0.06	210	196.06	0.00
2.60	0.06	232	196.07	0.00
2.70	0.06	255	196.08	0.00
2.80	0.07	279	196.09	0.00
2.90	0.07	304	196.09	0.00
3.00	0.07	329	196.10	0.00
3.10	0.07	355	196.11	0.00
3.20	0.07	381	196.12	0.00
3.30	0.08	409	196.13	0.00
3.40	0.08	437	196.13	0.00
3.50	0.08	465	196.14	0.00
3.60	0.08	495	196.15	0.00
3.70	0.08	525	196.16	0.00
3.80	0.09	555	196.17	0.00
3.90	0.09	586	196.18	0.00
4.00	0.09	618	196.19	0.00
4.10	0.09	650	196.20	0.00
4.20	0.09	683	196.21	0.00
4.30	0.09	717	196.22	0.00
4.40	0.10	751	196.23	0.00
4.50	0.10	785	196.24	0.00
4.60	0.10	820	196.25	0.00
4.70	0.10	855	196.26	0.00
4.80	0.10	891	196.27	0.00
4.90	0.10	928	196.28	0.00
5.00	0.10	965	196.29	0.00
5.10	0.10	1,002	196.30	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,040	196.31	0.00
5.30	0.11	1,078	196.33	0.00
5.40	0.11	1,117	196.34	0.00
5.50	0.11	1,156	196.35	0.00
5.60	0.11	1,196	196.36	0.00
5.70	0.11	1,236	196.37	0.00
5.80	0.11	1,276	196.38	0.00
5.90	0.11	1,317	196.40	0.00
6.00	0.12	1,359	196.41	0.00
6.10	0.12	1,401	196.42	0.00
6.20	0.12	1,443	196.43	0.00
6.30	0.12	1,487	196.44	0.00
6.40	0.13	1,532	196.46	0.00
6.50	0.13	1,578	196.47	0.00
6.60	0.13	1,626	196.48	0.00
6.70	0.14	1,674	196.50	0.00
6.80	0.14	1,724	196.51	0.00
6.90	0.14	1,775	196.53	0.00
7.00	0.15	1,828	196.54	0.00
7.10	0.15	1,881	196.56	0.00
7.20	0.15	1,936	196.57	0.00
7.30	0.16	1,992	196.59	0.00
7.40	0.16	2,049	196.61	0.00
7.50	0.16	2,107	196.62	0.00
7.60	0.17	2,167	196.64	0.00
7.70	0.17	2,228	196.66	0.00
7.80	0.17	2,290	196.67	0.00
7.90	0.18	2,353	196.69	0.00
8.00	0.18	2,418	196.71	0.00
8.10	0.18	2,483	196.73	0.00
8.20	0.19	2,550	196.74	0.00
8.30	0.19	2,619	196.76	0.00
8.40	0.20	2,689	196.78	0.00
8.50	0.20	2,761	196.80	0.00
8.60	0.21	2,834	196.82	0.00
8.70	0.21	2,909	196.84	0.00
8.80	0.22	2,986	196.86	0.00
8.90	0.22	3,065	196.89	0.00
9.00	0.23	3,145	196.91	0.00
9.10	0.23	3,227	196.93	0.00
9.20	0.24	3,313	196.95	0.00
9.30	0.26	3,403	196.98	0.00
9.40	0.27	3,499	197.00	0.00
9.50	0.29	3,600	197.03	0.00
9.60	0.30	3,706	197.06	0.00
9.70	0.32	3,818	197.09	0.00
9.80	0.33	3,935	197.12	0.00
9.90	0.35	4,058	197.15	0.00
10.00	0.37	4,187	197.18	0.00
10.10	0.38	4,321	197.22	0.00
10.20	0.40	4,461	197.25	0.00
10.30	0.41	4,608	197.29	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.43	4,760	197.33	0.00
10.50	0.45	4,918	197.37	0.00
10.60	0.48	5,084	197.41	0.00
10.70	0.52	5,264	197.45	0.00
10.80	0.58	5,463	197.50	0.00
10.90	0.64	5,683	197.56	0.00
11.00	0.70	5,925	197.62	0.00
11.10	0.78	6,190	197.68	0.00
11.20	0.88	6,487	197.75	0.00
11.30	0.99	6,824	197.83	0.00
11.40	1.11	7,203	197.92	0.00
11.50	1.23	7,624	198.02	0.00
11.60	1.49	8,103	198.13	0.00
11.70	1.97	8,729	198.27	0.00
11.80	2.39	9,505	198.44	0.00
11.90	3.24	10,503	198.65	0.04
12.00	4.95	11,917	198.95	0.10
12.10	8.44	13,881	199.34	2.68
12.20	10.26	15,640	199.67	7.17
12.30	6.22	15,818	199.71	7.68
12.40	4.00	15,176	199.59	5.87
12.50	2.94	14,582	199.47	4.33
12.60	2.39	14,175	199.40	3.34
12.70	1.80	13,852	199.33	2.62
12.80	1.55	13,607	199.29	2.10
12.90	1.40	13,441	199.25	1.78
13.00	1.26	13,322	199.23	1.55
13.10	1.13	13,225	199.21	1.38
13.20	1.01	13,140	199.19	1.23
13.30	0.93	13,067	199.18	1.11
13.40	0.85	13,005	199.17	1.01
13.50	0.78	12,952	199.16	0.93
13.60	0.71	12,900	199.15	0.85
13.70	0.65	12,852	199.14	0.78
13.80	0.62	12,811	199.13	0.72
13.90	0.60	12,780	199.12	0.67
14.00	0.58	12,756	199.12	0.64
14.10	0.56	12,736	199.11	0.62
14.20	0.54	12,717	199.11	0.59
14.30	0.53	12,700	199.11	0.57
14.40	0.51	12,684	199.10	0.55
14.50	0.49	12,668	199.10	0.53
14.60	0.47	12,653	199.10	0.51
14.70	0.45	12,637	199.09	0.49
14.80	0.43	12,622	199.09	0.47
14.90	0.41	12,607	199.09	0.45
15.00	0.39	12,592	199.08	0.44
15.10	0.38	12,577	199.08	0.42
15.20	0.36	12,562	199.08	0.40
15.30	0.35	12,548	199.08	0.39
15.40	0.35	12,537	199.07	0.38
15.50	0.34	12,527	199.07	0.37

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	12,519	199.07	0.36
15.70	0.33	12,511	199.07	0.35
15.80	0.33	12,505	199.07	0.34
15.90	0.32	12,498	199.07	0.34
16.00	0.32	12,492	199.06	0.33
16.10	0.31	12,487	199.06	0.33
16.20	0.31	12,481	199.06	0.32
16.30	0.30	12,476	199.06	0.32
16.40	0.30	12,471	199.06	0.31
16.50	0.29	12,466	199.06	0.31
16.60	0.29	12,461	199.06	0.30
16.70	0.28	12,455	199.06	0.30
16.80	0.28	12,450	199.06	0.29
16.90	0.27	12,445	199.05	0.29
17.00	0.27	12,440	199.05	0.28
17.10	0.26	12,435	199.05	0.28
17.20	0.26	12,430	199.05	0.27
17.30	0.25	12,425	199.05	0.27
17.40	0.25	12,420	199.05	0.26
17.50	0.24	12,415	199.05	0.26
17.60	0.24	12,410	199.05	0.25
17.70	0.23	12,404	199.05	0.25
17.80	0.23	12,399	199.05	0.24
17.90	0.22	12,394	199.04	0.24
18.00	0.22	12,389	199.04	0.23
18.10	0.21	12,384	199.04	0.23
18.20	0.21	12,379	199.04	0.22
18.30	0.20	12,375	199.04	0.22
18.40	0.20	12,371	199.04	0.21
18.50	0.20	12,368	199.04	0.21
18.60	0.20	12,365	199.04	0.21
18.70	0.20	12,362	199.04	0.21
18.80	0.20	12,359	199.04	0.21
18.90	0.20	12,356	199.04	0.20
19.00	0.20	12,354	199.04	0.20
19.10	0.19	12,351	199.04	0.20
19.20	0.19	12,349	199.04	0.20
19.30	0.19	12,346	199.03	0.20
19.40	0.19	12,344	199.03	0.20
19.50	0.19	12,341	199.03	0.20
19.60	0.19	12,339	199.03	0.19
19.70	0.19	12,337	199.03	0.19
19.80	0.19	12,334	199.03	0.19
19.90	0.19	12,332	199.03	0.19
20.00	0.18	12,330	199.03	0.19
20.10	0.18	12,328	199.03	0.19
20.20	0.18	12,325	199.03	0.19
20.30	0.18	12,323	199.03	0.19
20.40	0.18	12,321	199.03	0.18
20.50	0.18	12,319	199.03	0.18
20.60	0.18	12,316	199.03	0.18
20.70	0.18	12,314	199.03	0.18

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	12,312	199.03	0.18
20.90	0.17	12,310	199.03	0.18
21.00	0.17	12,307	199.03	0.18
21.10	0.17	12,305	199.03	0.18
21.20	0.17	12,303	199.03	0.17
21.30	0.17	12,300	199.03	0.17
21.40	0.17	12,298	199.03	0.17
21.50	0.16	12,296	199.02	0.17
21.60	0.16	12,294	199.02	0.17
21.70	0.16	12,291	199.02	0.17
21.80	0.16	12,289	199.02	0.17
21.90	0.16	12,287	199.02	0.17
22.00	0.16	12,285	199.02	0.16
22.10	0.16	12,282	199.02	0.16
22.20	0.16	12,280	199.02	0.16
22.30	0.16	12,278	199.02	0.16
22.40	0.15	12,276	199.02	0.16
22.50	0.15	12,273	199.02	0.16
22.60	0.15	12,271	199.02	0.16
22.70	0.15	12,269	199.02	0.16
22.80	0.15	12,267	199.02	0.15
22.90	0.15	12,264	199.02	0.15
23.00	0.15	12,262	199.02	0.15
23.10	0.15	12,260	199.02	0.15
23.20	0.14	12,257	199.02	0.15
23.30	0.14	12,255	199.02	0.15
23.40	0.14	12,253	199.02	0.15
23.50	0.14	12,251	199.02	0.15
23.60	0.14	12,248	199.02	0.14
23.70	0.14	12,246	199.01	0.14
23.80	0.14	12,244	199.01	0.14
23.90	0.13	12,241	199.01	0.14
24.00	0.14	12,240	199.01	0.14
24.10	0.12	12,239	199.01	0.14
24.20	0.03	12,217	199.01	0.13
24.30	0.01	12,182	199.00	0.11
24.40	0.00	12,146	198.99	0.10
24.50	0.00	12,109	198.99	0.10
24.60	0.00	12,073	198.98	0.10
24.70	0.00	12,037	198.97	0.10
24.80	0.00	12,001	198.96	0.10
24.90	0.00	11,966	198.96	0.10
25.00	0.00	11,931	198.95	0.10
25.10	0.00	11,896	198.94	0.10
25.20	0.00	11,862	198.94	0.09
25.30	0.00	11,828	198.93	0.09
25.40	0.00	11,795	198.92	0.09
25.50	0.00	11,762	198.92	0.09
25.60	0.00	11,729	198.91	0.09
25.70	0.00	11,696	198.90	0.09
25.80	0.00	11,664	198.90	0.09
25.90	0.00	11,632	198.89	0.09

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,601	198.88	0.09
26.10	0.00	11,570	198.88	0.09
26.20	0.00	11,539	198.87	0.08
26.30	0.00	11,509	198.86	0.08
26.40	0.00	11,479	198.86	0.08
26.50	0.00	11,450	198.85	0.08
26.60	0.00	11,420	198.85	0.08
26.70	0.00	11,392	198.84	0.08
26.80	0.00	11,363	198.83	0.08
26.90	0.00	11,335	198.83	0.08
27.00	0.00	11,307	198.82	0.08
27.10	0.00	11,280	198.82	0.08
27.20	0.00	11,253	198.81	0.07
27.30	0.00	11,226	198.81	0.07
27.40	0.00	11,200	198.80	0.07
27.50	0.00	11,174	198.79	0.07
27.60	0.00	11,148	198.79	0.07
27.70	0.00	11,123	198.78	0.07
27.80	0.00	11,098	198.78	0.07
27.90	0.00	11,074	198.77	0.07
28.00	0.00	11,050	198.77	0.07
28.10	0.00	11,026	198.76	0.07
28.20	0.00	11,002	198.76	0.06
28.30	0.00	10,979	198.75	0.06
28.40	0.00	10,957	198.75	0.06
28.50	0.00	10,934	198.74	0.06
28.60	0.00	10,912	198.74	0.06
28.70	0.00	10,891	198.74	0.06
28.80	0.00	10,870	198.73	0.06
28.90	0.00	10,849	198.73	0.06
29.00	0.00	10,828	198.72	0.06
29.10	0.00	10,808	198.72	0.06
29.20	0.00	10,789	198.71	0.05
29.30	0.00	10,769	198.71	0.05
29.40	0.00	10,750	198.71	0.05
29.50	0.00	10,732	198.70	0.05
29.60	0.00	10,713	198.70	0.05
29.70	0.00	10,696	198.69	0.05
29.80	0.00	10,678	198.69	0.05
29.90	0.00	10,661	198.69	0.05
30.00	0.00	10,644	198.68	0.05
30.10	0.00	10,628	198.68	0.05
30.20	0.00	10,612	198.68	0.04
30.30	0.00	10,596	198.67	0.04
30.40	0.00	10,581	198.67	0.04
30.50	0.00	10,566	198.67	0.04
30.60	0.00	10,551	198.66	0.04
30.70	0.00	10,537	198.66	0.04
30.80	0.00	10,524	198.66	0.04
30.90	0.00	10,510	198.66	0.04
31.00	0.00	10,497	198.65	0.04
31.10	0.00	10,485	198.65	0.03

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,472	198.65	0.03
31.30	0.00	10,460	198.64	0.03
31.40	0.00	10,449	198.64	0.03
31.50	0.00	10,438	198.64	0.03
31.60	0.00	10,426	198.64	0.03
31.70	0.00	10,416	198.64	0.03
31.80	0.00	10,405	198.63	0.03
31.90	0.00	10,395	198.63	0.03
32.00	0.00	10,385	198.63	0.03
32.10	0.00	10,375	198.63	0.03
32.20	0.00	10,366	198.62	0.03
32.30	0.00	10,357	198.62	0.03
32.40	0.00	10,348	198.62	0.02
32.50	0.00	10,339	198.62	0.02
32.60	0.00	10,331	198.62	0.02
32.70	0.00	10,322	198.62	0.02
32.80	0.00	10,314	198.61	0.02
32.90	0.00	10,306	198.61	0.02
33.00	0.00	10,299	198.61	0.02
33.10	0.00	10,291	198.61	0.02
33.20	0.00	10,284	198.61	0.02
33.30	0.00	10,277	198.61	0.02
33.40	0.00	10,270	198.60	0.02
33.50	0.00	10,263	198.60	0.02
33.60	0.00	10,257	198.60	0.02
33.70	0.00	10,250	198.60	0.02
33.80	0.00	10,244	198.60	0.02
33.90	0.00	10,238	198.60	0.02
34.00	0.00	10,232	198.60	0.02
34.10	0.00	10,226	198.60	0.02
34.20	0.00	10,220	198.59	0.02
34.30	0.00	10,215	198.59	0.02
34.40	0.00	10,209	198.59	0.02
34.50	0.00	10,204	198.59	0.01
34.60	0.00	10,199	198.59	0.01
34.70	0.00	10,193	198.59	0.01
34.80	0.00	10,188	198.59	0.01
34.90	0.00	10,183	198.59	0.01
35.00	0.00	10,179	198.58	0.01
35.10	0.00	10,174	198.58	0.01
35.20	0.00	10,169	198.58	0.01
35.30	0.00	10,165	198.58	0.01
35.40	0.00	10,160	198.58	0.01
35.50	0.00	10,156	198.58	0.01
35.60	0.00	10,151	198.58	0.01
35.70	0.00	10,147	198.58	0.01
35.80	0.00	10,143	198.58	0.01
35.90	0.00	10,139	198.58	0.01
36.00	0.00	10,135	198.58	0.01
36.10	0.00	10,131	198.57	0.01
36.20	0.00	10,127	198.57	0.01
36.30	0.00	10,124	198.57	0.01

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,120	198.57	0.01
36.50	0.00	10,116	198.57	0.01
36.60	0.00	10,113	198.57	0.01
36.70	0.00	10,109	198.57	0.01
36.80	0.00	10,106	198.57	0.01
36.90	0.00	10,103	198.57	0.01
37.00	0.00	10,099	198.57	0.01
37.10	0.00	10,096	198.57	0.01
37.20	0.00	10,093	198.57	0.01
37.30	0.00	10,090	198.57	0.01
37.40	0.00	10,087	198.57	0.01
37.50	0.00	10,084	198.56	0.01
37.60	0.00	10,081	198.56	0.01
37.70	0.00	10,079	198.56	0.01
37.80	0.00	10,076	198.56	0.01
37.90	0.00	10,073	198.56	0.01
38.00	0.00	10,070	198.56	0.01
38.10	0.00	10,068	198.56	0.01
38.20	0.00	10,065	198.56	0.01
38.30	0.00	10,063	198.56	0.01
38.40	0.00	10,060	198.56	0.01
38.50	0.00	10,058	198.56	0.01
38.60	0.00	10,056	198.56	0.01
38.70	0.00	10,053	198.56	0.01
38.80	0.00	10,051	198.56	0.01
38.90	0.00	10,049	198.56	0.01
39.00	0.00	10,046	198.56	0.01
39.10	0.00	10,044	198.56	0.01
39.20	0.00	10,042	198.56	0.01
39.30	0.00	10,040	198.56	0.01
39.40	0.00	10,038	198.55	0.01
39.50	0.00	10,035	198.55	0.01
39.60	0.00	10,033	198.55	0.01
39.70	0.00	10,031	198.55	0.01
39.80	0.00	10,029	198.55	0.01
39.90	0.00	10,027	198.55	0.01
40.00	0.00	10,025	198.55	0.01

Stage-Discharge for Pond B-15: Basin #15

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.00	0.00	196.52	0.00	197.04	0.00	197.56	0.00
196.01	0.00	196.53	0.00	197.05	0.00	197.57	0.00
196.02	0.00	196.54	0.00	197.06	0.00	197.58	0.00
196.03	0.00	196.55	0.00	197.07	0.00	197.59	0.00
196.04	0.00	196.56	0.00	197.08	0.00	197.60	0.00
196.05	0.00	196.57	0.00	197.09	0.00	197.61	0.00
196.06	0.00	196.58	0.00	197.10	0.00	197.62	0.00
196.07	0.00	196.59	0.00	197.11	0.00	197.63	0.00
196.08	0.00	196.60	0.00	197.12	0.00	197.64	0.00
196.09	0.00	196.61	0.00	197.13	0.00	197.65	0.00
196.10	0.00	196.62	0.00	197.14	0.00	197.66	0.00
196.11	0.00	196.63	0.00	197.15	0.00	197.67	0.00
196.12	0.00	196.64	0.00	197.16	0.00	197.68	0.00
196.13	0.00	196.65	0.00	197.17	0.00	197.69	0.00
196.14	0.00	196.66	0.00	197.18	0.00	197.70	0.00
196.15	0.00	196.67	0.00	197.19	0.00	197.71	0.00
196.16	0.00	196.68	0.00	197.20	0.00	197.72	0.00
196.17	0.00	196.69	0.00	197.21	0.00	197.73	0.00
196.18	0.00	196.70	0.00	197.22	0.00	197.74	0.00
196.19	0.00	196.71	0.00	197.23	0.00	197.75	0.00
196.20	0.00	196.72	0.00	197.24	0.00	197.76	0.00
196.21	0.00	196.73	0.00	197.25	0.00	197.77	0.00
196.22	0.00	196.74	0.00	197.26	0.00	197.78	0.00
196.23	0.00	196.75	0.00	197.27	0.00	197.79	0.00
196.24	0.00	196.76	0.00	197.28	0.00	197.80	0.00
196.25	0.00	196.77	0.00	197.29	0.00	197.81	0.00
196.26	0.00	196.78	0.00	197.30	0.00	197.82	0.00
196.27	0.00	196.79	0.00	197.31	0.00	197.83	0.00
196.28	0.00	196.80	0.00	197.32	0.00	197.84	0.00
196.29	0.00	196.81	0.00	197.33	0.00	197.85	0.00
196.30	0.00	196.82	0.00	197.34	0.00	197.86	0.00
196.31	0.00	196.83	0.00	197.35	0.00	197.87	0.00
196.32	0.00	196.84	0.00	197.36	0.00	197.88	0.00
196.33	0.00	196.85	0.00	197.37	0.00	197.89	0.00
196.34	0.00	196.86	0.00	197.38	0.00	197.90	0.00
196.35	0.00	196.87	0.00	197.39	0.00	197.91	0.00
196.36	0.00	196.88	0.00	197.40	0.00	197.92	0.00
196.37	0.00	196.89	0.00	197.41	0.00	197.93	0.00
196.38	0.00	196.90	0.00	197.42	0.00	197.94	0.00
196.39	0.00	196.91	0.00	197.43	0.00	197.95	0.00
196.40	0.00	196.92	0.00	197.44	0.00	197.96	0.00
196.41	0.00	196.93	0.00	197.45	0.00	197.97	0.00
196.42	0.00	196.94	0.00	197.46	0.00	197.98	0.00
196.43	0.00	196.95	0.00	197.47	0.00	197.99	0.00
196.44	0.00	196.96	0.00	197.48	0.00	198.00	0.00
196.45	0.00	196.97	0.00	197.49	0.00	198.01	0.00
196.46	0.00	196.98	0.00	197.50	0.00	198.02	0.00
196.47	0.00	196.99	0.00	197.51	0.00	198.03	0.00
196.48	0.00	197.00	0.00	197.52	0.00	198.04	0.00
196.49	0.00	197.01	0.00	197.53	0.00	198.05	0.00
196.50	0.00	197.02	0.00	197.54	0.00	198.06	0.00
196.51	0.00	197.03	0.00	197.55	0.00	198.07	0.00

Stage-Discharge for Pond B-15: Basin #15 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
198.08	0.00	198.60	0.02	199.12	0.66	199.64	6.65
198.09	0.00	198.61	0.02	199.13	0.73	199.65	6.80
198.10	0.00	198.62	0.02	199.14	0.80	199.66	6.95
198.11	0.00	198.63	0.03	199.15	0.88	199.67	7.10
198.12	0.00	198.64	0.03	199.16	0.95	199.68	7.26
198.13	0.00	198.65	0.03	199.17	1.03	199.69	7.41
198.14	0.00	198.66	0.04	199.18	1.11	199.70	7.56
198.15	0.00	198.67	0.04	199.19	1.20	199.71	7.72
198.16	0.00	198.68	0.05	199.20	1.28	199.72	7.88
198.17	0.00	198.69	0.05	199.21	1.37	199.73	8.03
198.18	0.00	198.70	0.05	199.22	1.46	199.74	8.19
198.19	0.00	198.71	0.05	199.23	1.56	199.75	8.35
198.20	0.00	198.72	0.06	199.24	1.65	199.76	8.51
198.21	0.00	198.73	0.06	199.25	1.75	199.77	8.67
198.22	0.00	198.74	0.06	199.26	1.84	199.78	8.84
198.23	0.00	198.75	0.06	199.27	1.94	199.79	9.00
198.24	0.00	198.76	0.06	199.28	2.05	199.80	9.16
198.25	0.00	198.77	0.07	199.29	2.15	199.81	9.33
198.26	0.00	198.78	0.07	199.30	2.25	199.82	9.50
198.27	0.00	198.79	0.07	199.31	2.36	199.83	9.66
198.28	0.00	198.80	0.07	199.32	2.47	199.84	9.83
198.29	0.00	198.81	0.07	199.33	2.58	199.85	10.00
198.30	0.00	198.82	0.08	199.34	2.69	199.86	10.17
198.31	0.00	198.83	0.08	199.35	2.80	199.87	10.34
198.32	0.00	198.84	0.08	199.36	2.92	199.88	10.51
198.33	0.00	198.85	0.08	199.37	3.03	199.89	10.68
198.34	0.00	198.86	0.08	199.38	3.15	199.90	10.85
198.35	0.00	198.87	0.08	199.39	3.27	199.91	11.03
198.36	0.00	198.88	0.09	199.40	3.39	199.92	11.20
198.37	0.00	198.89	0.09	199.41	3.51	199.93	11.37
198.38	0.00	198.90	0.09	199.42	3.63	199.94	11.55
198.39	0.00	198.91	0.09	199.43	3.76	199.95	11.73
198.40	0.00	198.92	0.09	199.44	3.88	199.96	12.02
198.41	0.00	198.93	0.09	199.45	4.01	199.97	12.41
198.42	0.00	198.94	0.10	199.46	4.14	199.98	12.87
198.43	0.00	198.95	0.10	199.47	4.27	199.99	13.38
198.44	0.00	198.96	0.10	199.48	4.40	200.00	13.93
198.45	0.00	198.97	0.10	199.49	4.53		
198.46	0.00	198.98	0.10	199.50	4.66		
198.47	0.00	198.99	0.10	199.51	4.80		
198.48	0.00	199.00	0.10	199.52	4.93		
198.49	0.00	199.01	0.12	199.53	5.07		
198.50	0.00	199.02	0.14	199.54	5.21		
198.51	0.00	199.03	0.17	199.55	5.35		
198.52	0.00	199.04	0.21	199.56	5.49		
198.53	0.00	199.05	0.26	199.57	5.63		
198.54	0.00	199.06	0.30	199.58	5.77		
198.55	0.00	199.07	0.35	199.59	5.92		
198.56	0.01	199.08	0.41	199.60	6.06		
198.57	0.01	199.09	0.47	199.61	6.21		
198.58	0.01	199.10	0.53	199.62	6.35		
198.59	0.01	199.11	0.59	199.63	6.50		

Stage-Area-Storage for Pond B-15: Basin #15

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.00	3,221	0	196.52	3,504	1,748
196.01	3,226	32	196.53	3,509	1,784
196.02	3,232	65	196.54	3,515	1,819
196.03	3,237	97	196.55	3,520	1,854
196.04	3,243	129	196.56	3,526	1,889
196.05	3,248	162	196.57	3,531	1,924
196.06	3,254	194	196.58	3,537	1,960
196.07	3,259	227	196.59	3,542	1,995
196.08	3,265	259	196.60	3,547	2,031
196.09	3,270	292	196.61	3,553	2,066
196.10	3,275	325	196.62	3,558	2,102
196.11	3,281	358	196.63	3,564	2,137
196.12	3,286	390	196.64	3,569	2,173
196.13	3,292	423	196.65	3,575	2,209
196.14	3,297	456	196.66	3,580	2,244
196.15	3,303	489	196.67	3,585	2,280
196.16	3,308	522	196.68	3,591	2,316
196.17	3,313	555	196.69	3,596	2,352
196.18	3,319	589	196.70	3,602	2,388
196.19	3,324	622	196.71	3,607	2,424
196.20	3,330	655	196.72	3,613	2,460
196.21	3,335	688	196.73	3,618	2,496
196.22	3,341	722	196.74	3,624	2,532
196.23	3,346	755	196.75	3,629	2,569
196.24	3,352	789	196.76	3,634	2,605
196.25	3,357	822	196.77	3,640	2,641
196.26	3,362	856	196.78	3,645	2,678
196.27	3,368	889	196.79	3,651	2,714
196.28	3,373	923	196.80	3,656	2,751
196.29	3,379	957	196.81	3,662	2,787
196.30	3,384	991	196.82	3,667	2,824
196.31	3,390	1,025	196.83	3,673	2,861
196.32	3,395	1,059	196.84	3,678	2,898
196.33	3,401	1,093	196.85	3,683	2,934
196.34	3,406	1,127	196.86	3,689	2,971
196.35	3,411	1,161	196.87	3,694	3,008
196.36	3,417	1,195	196.88	3,700	3,045
196.37	3,422	1,229	196.89	3,705	3,082
196.38	3,428	1,263	196.90	3,711	3,119
196.39	3,433	1,298	196.91	3,716	3,156
196.40	3,439	1,332	196.92	3,721	3,194
196.41	3,444	1,366	196.93	3,727	3,231
196.42	3,449	1,401	196.94	3,732	3,268
196.43	3,455	1,435	196.95	3,738	3,305
196.44	3,460	1,470	196.96	3,743	3,343
196.45	3,466	1,505	196.97	3,749	3,380
196.46	3,471	1,539	196.98	3,754	3,418
196.47	3,477	1,574	196.99	3,760	3,455
196.48	3,482	1,609	197.00	3,765	3,493
196.49	3,488	1,644	197.01	3,771	3,531
196.50	3,493	1,679	197.02	3,776	3,568
196.51	3,498	1,713	197.03	3,782	3,606

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.04	3,788	3,644	197.56	4,083	5,690
197.05	3,793	3,682	197.57	4,089	5,731
197.06	3,799	3,720	197.58	4,094	5,772
197.07	3,805	3,758	197.59	4,100	5,813
197.08	3,810	3,796	197.60	4,106	5,854
197.09	3,816	3,834	197.61	4,111	5,895
197.10	3,822	3,872	197.62	4,117	5,936
197.11	3,827	3,911	197.63	4,123	5,978
197.12	3,833	3,949	197.64	4,129	6,019
197.13	3,839	3,987	197.65	4,134	6,060
197.14	3,845	4,026	197.66	4,140	6,102
197.15	3,850	4,064	197.67	4,146	6,143
197.16	3,856	4,103	197.68	4,151	6,185
197.17	3,862	4,141	197.69	4,157	6,226
197.18	3,867	4,180	197.70	4,163	6,268
197.19	3,873	4,219	197.71	4,168	6,309
197.20	3,879	4,257	197.72	4,174	6,351
197.21	3,884	4,296	197.73	4,180	6,393
197.22	3,890	4,335	197.74	4,185	6,435
197.23	3,896	4,374	197.75	4,191	6,477
197.24	3,901	4,413	197.76	4,197	6,518
197.25	3,907	4,452	197.77	4,202	6,560
197.26	3,913	4,491	197.78	4,208	6,602
197.27	3,918	4,530	197.79	4,214	6,645
197.28	3,924	4,569	197.80	4,219	6,687
197.29	3,930	4,609	197.81	4,225	6,729
197.30	3,935	4,648	197.82	4,231	6,771
197.31	3,941	4,687	197.83	4,236	6,814
197.32	3,947	4,727	197.84	4,242	6,856
197.33	3,952	4,766	197.85	4,248	6,898
197.34	3,958	4,806	197.86	4,253	6,941
197.35	3,964	4,846	197.87	4,259	6,984
197.36	3,969	4,885	197.88	4,265	7,026
197.37	3,975	4,925	197.89	4,271	7,069
197.38	3,981	4,965	197.90	4,276	7,112
197.39	3,987	5,005	197.91	4,282	7,154
197.40	3,992	5,044	197.92	4,288	7,197
197.41	3,998	5,084	197.93	4,293	7,240
197.42	4,004	5,124	197.94	4,299	7,283
197.43	4,009	5,164	197.95	4,305	7,326
197.44	4,015	5,205	197.96	4,310	7,369
197.45	4,021	5,245	197.97	4,316	7,412
197.46	4,026	5,285	197.98	4,322	7,455
197.47	4,032	5,325	197.99	4,327	7,499
197.48	4,038	5,366	198.00	4,333	7,542
197.49	4,043	5,406	198.01	4,339	7,585
197.50	4,049	5,447	198.02	4,345	7,629
197.51	4,055	5,487	198.03	4,351	7,672
197.52	4,060	5,528	198.04	4,357	7,716
197.53	4,066	5,568	198.05	4,363	7,759
197.54	4,072	5,609	198.06	4,369	7,803
197.55	4,077	5,650	198.07	4,375	7,847

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.08	4,381	7,891	198.60	4,691	10,249
198.09	4,387	7,934	198.61	4,697	10,296
198.10	4,393	7,978	198.62	4,703	10,343
198.11	4,399	8,022	198.63	4,709	10,390
198.12	4,405	8,066	198.64	4,715	10,437
198.13	4,411	8,110	198.65	4,721	10,485
198.14	4,417	8,154	198.66	4,727	10,532
198.15	4,423	8,199	198.67	4,733	10,579
198.16	4,429	8,243	198.68	4,739	10,626
198.17	4,434	8,287	198.69	4,745	10,674
198.18	4,440	8,332	198.70	4,751	10,721
198.19	4,446	8,376	198.71	4,757	10,769
198.20	4,452	8,421	198.72	4,763	10,817
198.21	4,458	8,465	198.73	4,769	10,864
198.22	4,464	8,510	198.74	4,775	10,912
198.23	4,470	8,554	198.75	4,781	10,960
198.24	4,476	8,599	198.76	4,787	11,007
198.25	4,482	8,644	198.77	4,793	11,055
198.26	4,488	8,689	198.78	4,799	11,103
198.27	4,494	8,734	198.79	4,805	11,151
198.28	4,500	8,779	198.80	4,811	11,199
198.29	4,506	8,824	198.81	4,817	11,248
198.30	4,512	8,869	198.82	4,823	11,296
198.31	4,518	8,914	198.83	4,829	11,344
198.32	4,524	8,959	198.84	4,834	11,392
198.33	4,530	9,004	198.85	4,840	11,441
198.34	4,536	9,050	198.86	4,846	11,489
198.35	4,542	9,095	198.87	4,852	11,538
198.36	4,548	9,141	198.88	4,858	11,586
198.37	4,554	9,186	198.89	4,864	11,635
198.38	4,560	9,232	198.90	4,870	11,683
198.39	4,566	9,277	198.91	4,876	11,732
198.40	4,572	9,323	198.92	4,882	11,781
198.41	4,578	9,369	198.93	4,888	11,830
198.42	4,584	9,415	198.94	4,894	11,879
198.43	4,590	9,460	198.95	4,900	11,928
198.44	4,596	9,506	198.96	4,906	11,977
198.45	4,602	9,552	198.97	4,912	12,026
198.46	4,608	9,598	198.98	4,918	12,075
198.47	4,614	9,644	198.99	4,924	12,124
198.48	4,620	9,691	199.00	4,930	12,174
198.49	4,626	9,737	199.01	4,936	12,223
198.50	4,632	9,783	199.02	4,943	12,272
198.51	4,637	9,829	199.03	4,949	12,322
198.52	4,643	9,876	199.04	4,955	12,371
198.53	4,649	9,922	199.05	4,961	12,421
198.54	4,655	9,969	199.06	4,968	12,470
198.55	4,661	10,015	199.07	4,974	12,520
198.56	4,667	10,062	199.08	4,980	12,570
198.57	4,673	10,109	199.09	4,987	12,620
198.58	4,679	10,156	199.10	4,993	12,670
198.59	4,685	10,202	199.11	4,999	12,720

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.12	5,005	12,770	199.64	5,333	15,458
199.13	5,012	12,820	199.65	5,339	15,511
199.14	5,018	12,870	199.66	5,345	15,564
199.15	5,024	12,920	199.67	5,351	15,618
199.16	5,031	12,970	199.68	5,358	15,671
199.17	5,037	13,021	199.69	5,364	15,725
199.18	5,043	13,071	199.70	5,370	15,779
199.19	5,050	13,122	199.71	5,377	15,832
199.20	5,056	13,172	199.72	5,383	15,886
199.21	5,062	13,223	199.73	5,389	15,940
199.22	5,068	13,273	199.74	5,395	15,994
199.23	5,075	13,324	199.75	5,402	16,048
199.24	5,081	13,375	199.76	5,408	16,102
199.25	5,087	13,426	199.77	5,414	16,156
199.26	5,094	13,477	199.78	5,421	16,210
199.27	5,100	13,528	199.79	5,427	16,264
199.28	5,106	13,579	199.80	5,433	16,319
199.29	5,112	13,630	199.81	5,439	16,373
199.30	5,119	13,681	199.82	5,446	16,428
199.31	5,125	13,732	199.83	5,452	16,482
199.32	5,131	13,783	199.84	5,458	16,537
199.33	5,138	13,835	199.85	5,465	16,591
199.34	5,144	13,886	199.86	5,471	16,646
199.35	5,150	13,938	199.87	5,477	16,701
199.36	5,156	13,989	199.88	5,484	16,755
199.37	5,163	14,041	199.89	5,490	16,810
199.38	5,169	14,092	199.90	5,496	16,865
199.39	5,175	14,144	199.91	5,502	16,920
199.40	5,182	14,196	199.92	5,509	16,975
199.41	5,188	14,248	199.93	5,515	17,030
199.42	5,194	14,300	199.94	5,521	17,086
199.43	5,200	14,352	199.95	5,528	17,141
199.44	5,207	14,404	199.96	5,534	17,196
199.45	5,213	14,456	199.97	5,540	17,252
199.46	5,219	14,508	199.98	5,546	17,307
199.47	5,226	14,560	199.99	5,553	17,362
199.48	5,232	14,612	200.00	5,559	17,418
199.49	5,238	14,665			
199.50	5,245	14,717			
199.51	5,251	14,770			
199.52	5,257	14,822			
199.53	5,263	14,875			
199.54	5,270	14,927			
199.55	5,276	14,980			
199.56	5,282	15,033			
199.57	5,289	15,086			
199.58	5,295	15,139			
199.59	5,301	15,192			
199.60	5,307	15,245			
199.61	5,314	15,298			
199.62	5,320	15,351			
199.63	5,326	15,404			

Summary for Pond B-16A: Basin #16A

Inflow Area = 1.876 ac, 45.47% Impervious, Inflow Depth = 4.18" for Future 10 yr event
 Inflow = 7.94 cfs @ 12.17 hrs, Volume= 0.654 af
 Outflow = 5.25 cfs @ 12.29 hrs, Volume= 0.569 af, Atten= 34%, Lag= 6.9 min
 Primary = 5.25 cfs @ 12.29 hrs, Volume= 0.569 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.16' @ 12.29 hrs Surf.Area= 4,989 sf Storage= 11,826 cf

Plug-Flow detention time= 324.4 min calculated for 0.568 af (87% of inflow)
 Center-of-Mass det. time= 262.8 min (1,047.3 - 784.5)

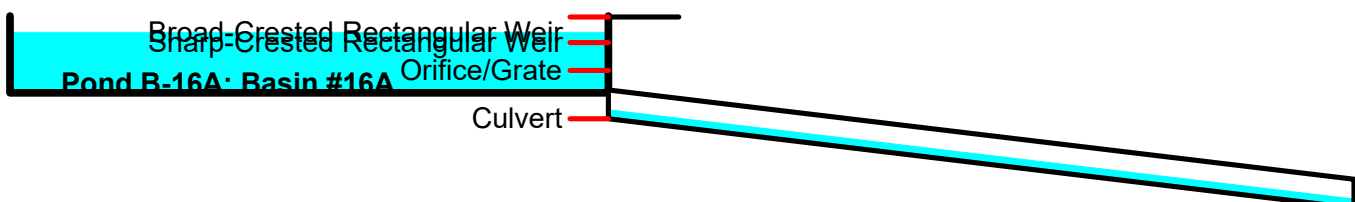
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	16,318 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	2,543	0	0
179.00	3,287	2,915	2,915
180.00	4,059	3,673	6,588
181.00	4,858	4,459	11,047
182.00	5,685	5,272	16,318

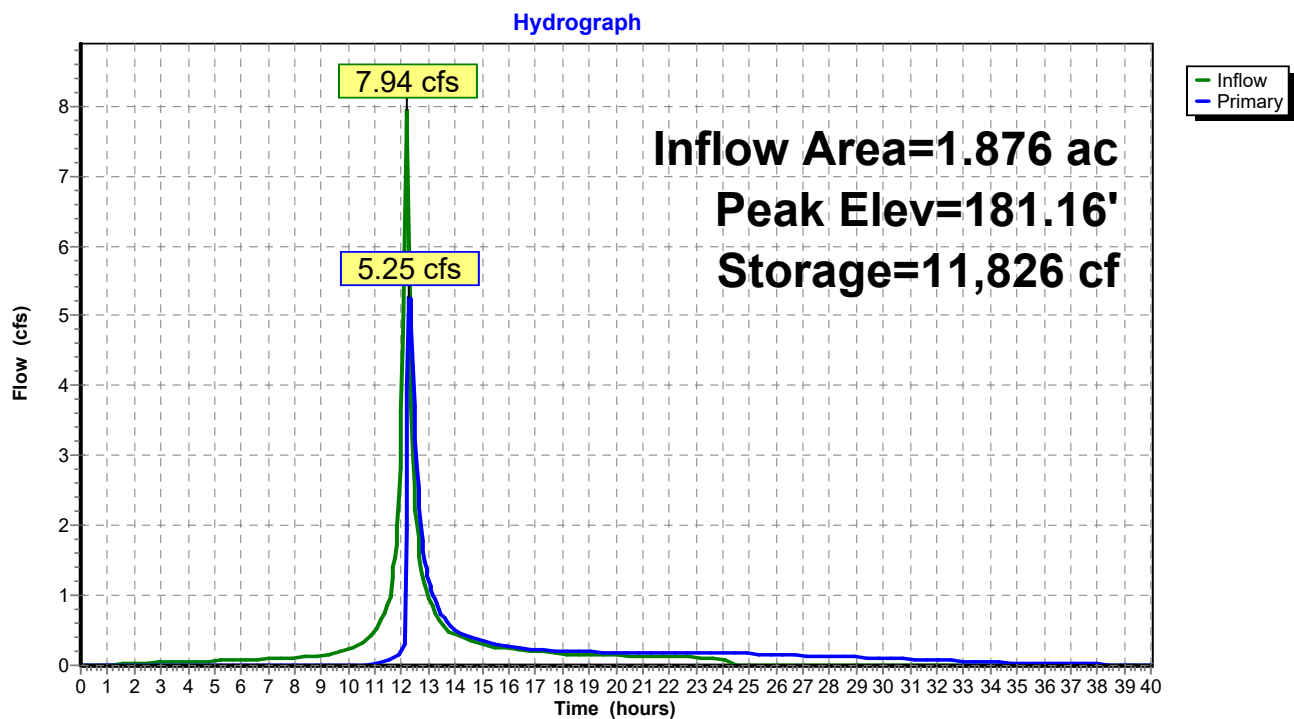
Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' S= 0.0877 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.62'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.20 cfs @ 12.29 hrs HW=181.15' (Free Discharge)

1=Culvert (Passes 5.20 cfs of 16.49 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.60 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.97 cfs @ 2.39 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16A: Basin #16A



Hydrograph for Pond B-16A: Basin #16A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.00	0	178.00	0.00
0.80	0.00	0	178.00	0.00
0.90	0.00	1	178.00	0.00
1.00	0.01	3	178.00	0.00
1.10	0.01	5	178.00	0.00
1.20	0.01	9	178.00	0.00
1.30	0.01	14	178.01	0.00
1.40	0.02	19	178.01	0.00
1.50	0.02	26	178.01	0.00
1.60	0.02	33	178.01	0.00
1.70	0.02	41	178.02	0.00
1.80	0.03	50	178.02	0.00
1.90	0.03	59	178.02	0.00
2.00	0.03	69	178.03	0.00
2.10	0.03	80	178.03	0.00
2.20	0.03	92	178.04	0.00
2.30	0.03	104	178.04	0.00
2.40	0.04	116	178.05	0.00
2.50	0.04	129	178.05	0.00
2.60	0.04	143	178.06	0.00
2.70	0.04	157	178.06	0.00
2.80	0.04	171	178.07	0.00
2.90	0.04	186	178.07	0.00
3.00	0.04	202	178.08	0.00
3.10	0.04	218	178.08	0.00
3.20	0.05	234	178.09	0.00
3.30	0.05	251	178.10	0.00
3.40	0.05	268	178.10	0.00
3.50	0.05	286	178.11	0.00
3.60	0.05	304	178.12	0.00
3.70	0.05	322	178.12	0.00
3.80	0.05	341	178.13	0.00
3.90	0.05	360	178.14	0.00
4.00	0.05	380	178.15	0.00
4.10	0.06	399	178.15	0.00
4.20	0.06	420	178.16	0.00
4.30	0.06	440	178.17	0.00
4.40	0.06	461	178.18	0.00
4.50	0.06	482	178.18	0.00
4.60	0.06	504	178.19	0.00
4.70	0.06	525	178.20	0.00
4.80	0.06	547	178.21	0.00
4.90	0.06	570	178.22	0.00
5.00	0.06	592	178.23	0.00
5.10	0.06	615	178.23	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	639	178.24	0.00
5.30	0.07	662	178.25	0.00
5.40	0.07	686	178.26	0.00
5.50	0.07	710	178.27	0.00
5.60	0.07	734	178.28	0.00
5.70	0.07	759	178.29	0.00
5.80	0.07	784	178.30	0.00
5.90	0.07	809	178.30	0.00
6.00	0.07	834	178.31	0.00
6.10	0.07	860	178.32	0.00
6.20	0.07	886	178.33	0.00
6.30	0.08	913	178.34	0.00
6.40	0.08	941	178.35	0.00
6.50	0.08	969	178.36	0.00
6.60	0.08	998	178.37	0.00
6.70	0.08	1,028	178.38	0.00
6.80	0.09	1,059	178.39	0.00
6.90	0.09	1,090	178.40	0.00
7.00	0.09	1,122	178.42	0.00
7.10	0.09	1,155	178.43	0.00
7.20	0.09	1,189	178.44	0.00
7.30	0.10	1,223	178.45	0.00
7.40	0.10	1,258	178.46	0.00
7.50	0.10	1,294	178.48	0.00
7.60	0.10	1,331	178.49	0.00
7.70	0.10	1,368	178.50	0.00
7.80	0.11	1,406	178.51	0.00
7.90	0.11	1,445	178.53	0.00
8.00	0.11	1,485	178.54	0.00
8.10	0.11	1,525	178.55	0.00
8.20	0.12	1,566	178.57	0.00
8.30	0.12	1,608	178.58	0.00
8.40	0.12	1,652	178.60	0.00
8.50	0.13	1,696	178.61	0.00
8.60	0.13	1,742	178.63	0.00
8.70	0.13	1,789	178.64	0.00
8.80	0.14	1,837	178.66	0.00
8.90	0.14	1,887	178.68	0.00
9.00	0.14	1,937	178.69	0.00
9.10	0.15	1,990	178.71	0.00
9.20	0.16	2,044	178.73	0.00
9.30	0.17	2,102	178.75	0.00
9.40	0.18	2,164	178.77	0.00
9.50	0.19	2,229	178.79	0.00
9.60	0.20	2,298	178.81	0.00
9.70	0.21	2,370	178.83	0.00
9.80	0.22	2,447	178.86	0.00
9.90	0.23	2,527	178.88	0.00
10.00	0.24	2,612	178.91	0.00
10.10	0.25	2,701	178.93	0.00
10.20	0.26	2,794	178.96	0.00
10.30	0.28	2,891	178.99	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.29	2,993	179.02	0.00
10.50	0.30	3,099	179.06	0.00
10.60	0.32	3,211	179.09	0.00
10.70	0.36	3,332	179.13	0.00
10.80	0.40	3,468	179.16	0.00
10.90	0.44	3,617	179.21	0.00
11.00	0.48	3,780	179.26	0.01
11.10	0.54	3,955	179.31	0.03
11.20	0.61	4,146	179.36	0.05
11.30	0.69	4,360	179.42	0.06
11.40	0.78	4,600	179.48	0.08
11.50	0.86	4,866	179.56	0.09
11.60	1.05	5,171	179.64	0.10
11.70	1.40	5,578	179.74	0.11
11.80	1.72	6,091	179.88	0.13
11.90	2.35	6,765	180.04	0.14
12.00	3.62	7,758	180.28	0.16
12.10	6.26	9,421	180.66	0.29
12.20	7.69	11,344	181.06	3.97
12.30	4.69	11,819	181.16	5.23
12.40	3.03	11,459	181.08	4.26
12.50	2.24	11,050	181.00	3.23
12.60	1.82	10,752	180.94	2.53
12.70	1.38	10,507	180.89	2.00
12.80	1.19	10,318	180.85	1.62
12.90	1.07	10,188	180.82	1.37
13.00	0.96	10,093	180.80	1.20
13.10	0.86	10,015	180.78	1.07
13.20	0.77	9,947	180.77	0.95
13.30	0.71	9,888	180.76	0.86
13.40	0.65	9,838	180.75	0.79
13.50	0.60	9,793	180.74	0.72
13.60	0.54	9,751	180.73	0.66
13.70	0.50	9,712	180.72	0.60
13.80	0.48	9,678	180.71	0.56
13.90	0.46	9,651	180.71	0.53
14.00	0.45	9,629	180.70	0.50
14.10	0.43	9,610	180.70	0.48
14.20	0.42	9,594	180.69	0.46
14.30	0.40	9,579	180.69	0.44
14.40	0.39	9,566	180.69	0.43
14.50	0.38	9,553	180.68	0.41
14.60	0.36	9,540	180.68	0.40
14.70	0.35	9,528	180.68	0.38
14.80	0.33	9,514	180.68	0.37
14.90	0.32	9,500	180.67	0.36
15.00	0.30	9,485	180.67	0.35
15.10	0.29	9,470	180.67	0.33
15.20	0.28	9,454	180.66	0.32
15.30	0.27	9,440	180.66	0.31
15.40	0.27	9,428	180.66	0.30
15.50	0.26	9,418	180.66	0.29

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	9,410	180.65	0.28
15.70	0.26	9,402	180.65	0.27
15.80	0.25	9,396	180.65	0.27
15.90	0.25	9,390	180.65	0.26
16.00	0.24	9,384	180.65	0.26
16.10	0.24	9,379	180.65	0.25
16.20	0.24	9,374	180.65	0.25
16.30	0.23	9,369	180.64	0.25
16.40	0.23	9,364	180.64	0.24
16.50	0.22	9,360	180.64	0.24
16.60	0.22	9,355	180.64	0.23
16.70	0.22	9,350	180.64	0.23
16.80	0.21	9,346	180.64	0.23
16.90	0.21	9,340	180.64	0.22
17.00	0.21	9,334	180.64	0.22
17.10	0.20	9,328	180.64	0.22
17.20	0.20	9,321	180.63	0.22
17.30	0.19	9,314	180.63	0.21
17.40	0.19	9,307	180.63	0.21
17.50	0.19	9,299	180.63	0.21
17.60	0.18	9,291	180.63	0.20
17.70	0.18	9,283	180.63	0.20
17.80	0.17	9,275	180.62	0.20
17.90	0.17	9,267	180.62	0.19
18.00	0.17	9,259	180.62	0.19
18.10	0.16	9,249	180.62	0.19
18.20	0.16	9,239	180.62	0.19
18.30	0.16	9,228	180.61	0.19
18.40	0.16	9,216	180.61	0.19
18.50	0.16	9,204	180.61	0.19
18.60	0.16	9,192	180.61	0.19
18.70	0.15	9,180	180.60	0.19
18.80	0.15	9,167	180.60	0.19
18.90	0.15	9,154	180.60	0.19
19.00	0.15	9,141	180.59	0.19
19.10	0.15	9,127	180.59	0.19
19.20	0.15	9,114	180.59	0.19
19.30	0.15	9,100	180.59	0.19
19.40	0.15	9,085	180.58	0.19
19.50	0.15	9,071	180.58	0.19
19.60	0.15	9,056	180.58	0.19
19.70	0.14	9,041	180.57	0.19
19.80	0.14	9,025	180.57	0.19
19.90	0.14	9,010	180.57	0.19
20.00	0.14	8,994	180.56	0.19
20.10	0.14	8,978	180.56	0.19
20.20	0.14	8,962	180.55	0.19
20.30	0.14	8,945	180.55	0.19
20.40	0.14	8,928	180.55	0.19
20.50	0.14	8,911	180.54	0.18
20.60	0.14	8,894	180.54	0.18
20.70	0.14	8,877	180.54	0.18

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	8,859	180.53	0.18
20.90	0.13	8,841	180.53	0.18
21.00	0.13	8,822	180.52	0.18
21.10	0.13	8,804	180.52	0.18
21.20	0.13	8,785	180.52	0.18
21.30	0.13	8,766	180.51	0.18
21.40	0.13	8,747	180.51	0.18
21.50	0.13	8,727	180.50	0.18
21.60	0.13	8,708	180.50	0.18
21.70	0.13	8,688	180.49	0.18
21.80	0.12	8,668	180.49	0.18
21.90	0.12	8,647	180.48	0.18
22.00	0.12	8,627	180.48	0.18
22.10	0.12	8,606	180.47	0.18
22.20	0.12	8,585	180.47	0.18
22.30	0.12	8,564	180.47	0.18
22.40	0.12	8,542	180.46	0.18
22.50	0.12	8,521	180.46	0.18
22.60	0.12	8,499	180.45	0.18
22.70	0.12	8,477	180.45	0.18
22.80	0.11	8,454	180.44	0.18
22.90	0.11	8,432	180.44	0.18
23.00	0.11	8,409	180.43	0.18
23.10	0.11	8,386	180.43	0.18
23.20	0.11	8,363	180.42	0.18
23.30	0.11	8,339	180.41	0.18
23.40	0.11	8,316	180.41	0.17
23.50	0.11	8,292	180.40	0.17
23.60	0.11	8,268	180.40	0.17
23.70	0.11	8,244	180.39	0.17
23.80	0.11	8,220	180.39	0.17
23.90	0.10	8,195	180.38	0.17
24.00	0.11	8,171	180.38	0.17
24.10	0.09	8,147	180.37	0.17
24.20	0.03	8,106	180.36	0.17
24.30	0.01	8,050	180.35	0.17
24.40	0.00	7,990	180.33	0.17
24.50	0.00	7,930	180.32	0.17
24.60	0.00	7,869	180.31	0.17
24.70	0.00	7,810	180.29	0.17
24.80	0.00	7,750	180.28	0.16
24.90	0.00	7,691	180.26	0.16
25.00	0.00	7,633	180.25	0.16
25.10	0.00	7,574	180.24	0.16
25.20	0.00	7,517	180.22	0.16
25.30	0.00	7,459	180.21	0.16
25.40	0.00	7,402	180.20	0.16
25.50	0.00	7,346	180.18	0.16
25.60	0.00	7,290	180.17	0.16
25.70	0.00	7,234	180.16	0.15
25.80	0.00	7,179	180.14	0.15
25.90	0.00	7,124	180.13	0.15

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,069	180.12	0.15
26.10	0.00	7,015	180.10	0.15
26.20	0.00	6,962	180.09	0.15
26.30	0.00	6,908	180.08	0.15
26.40	0.00	6,856	180.07	0.15
26.50	0.00	6,803	180.05	0.14
26.60	0.00	6,751	180.04	0.14
26.70	0.00	6,700	180.03	0.14
26.80	0.00	6,649	180.01	0.14
26.90	0.00	6,598	180.00	0.14
27.00	0.00	6,548	179.99	0.14
27.10	0.00	6,498	179.98	0.14
27.20	0.00	6,449	179.97	0.14
27.30	0.00	6,400	179.95	0.14
27.40	0.00	6,351	179.94	0.13
27.50	0.00	6,303	179.93	0.13
27.60	0.00	6,256	179.92	0.13
27.70	0.00	6,209	179.91	0.13
27.80	0.00	6,162	179.89	0.13
27.90	0.00	6,116	179.88	0.13
28.00	0.00	6,070	179.87	0.13
28.10	0.00	6,024	179.86	0.13
28.20	0.00	5,979	179.85	0.12
28.30	0.00	5,935	179.84	0.12
28.40	0.00	5,891	179.83	0.12
28.50	0.00	5,847	179.81	0.12
28.60	0.00	5,804	179.80	0.12
28.70	0.00	5,761	179.79	0.12
28.80	0.00	5,719	179.78	0.12
28.90	0.00	5,677	179.77	0.12
29.00	0.00	5,636	179.76	0.11
29.10	0.00	5,595	179.75	0.11
29.20	0.00	5,554	179.74	0.11
29.30	0.00	5,514	179.73	0.11
29.40	0.00	5,474	179.72	0.11
29.50	0.00	5,435	179.71	0.11
29.60	0.00	5,397	179.70	0.11
29.70	0.00	5,358	179.69	0.11
29.80	0.00	5,321	179.68	0.10
29.90	0.00	5,283	179.67	0.10
30.00	0.00	5,247	179.66	0.10
30.10	0.00	5,210	179.65	0.10
30.20	0.00	5,174	179.64	0.10
30.30	0.00	5,139	179.63	0.10
30.40	0.00	5,104	179.62	0.10
30.50	0.00	5,069	179.61	0.10
30.60	0.00	5,035	179.60	0.09
30.70	0.00	5,002	179.59	0.09
30.80	0.00	4,968	179.58	0.09
30.90	0.00	4,936	179.58	0.09
31.00	0.00	4,904	179.57	0.09
31.10	0.00	4,872	179.56	0.09

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,841	179.55	0.09
31.30	0.00	4,810	179.54	0.08
31.40	0.00	4,779	179.53	0.08
31.50	0.00	4,750	179.53	0.08
31.60	0.00	4,720	179.52	0.08
31.70	0.00	4,691	179.51	0.08
31.80	0.00	4,663	179.50	0.08
31.90	0.00	4,635	179.49	0.08
32.00	0.00	4,607	179.49	0.08
32.10	0.00	4,580	179.48	0.07
32.20	0.00	4,554	179.47	0.07
32.30	0.00	4,528	179.47	0.07
32.40	0.00	4,502	179.46	0.07
32.50	0.00	4,477	179.45	0.07
32.60	0.00	4,453	179.44	0.07
32.70	0.00	4,428	179.44	0.07
32.80	0.00	4,405	179.43	0.06
32.90	0.00	4,382	179.42	0.06
33.00	0.00	4,359	179.42	0.06
33.10	0.00	4,337	179.41	0.06
33.20	0.00	4,315	179.41	0.06
33.30	0.00	4,294	179.40	0.06
33.40	0.00	4,273	179.39	0.06
33.50	0.00	4,253	179.39	0.06
33.60	0.00	4,233	179.38	0.05
33.70	0.00	4,214	179.38	0.05
33.80	0.00	4,195	179.37	0.05
33.90	0.00	4,177	179.37	0.05
34.00	0.00	4,159	179.36	0.05
34.10	0.00	4,141	179.36	0.05
34.20	0.00	4,124	179.35	0.05
34.30	0.00	4,108	179.35	0.04
34.40	0.00	4,092	179.34	0.04
34.50	0.00	4,077	179.34	0.04
34.60	0.00	4,062	179.34	0.04
34.70	0.00	4,048	179.33	0.04
34.80	0.00	4,035	179.33	0.04
34.90	0.00	4,021	179.32	0.04
35.00	0.00	4,009	179.32	0.03
35.10	0.00	3,996	179.32	0.03
35.20	0.00	3,984	179.31	0.03
35.30	0.00	3,973	179.31	0.03
35.40	0.00	3,962	179.31	0.03
35.50	0.00	3,951	179.30	0.03
35.60	0.00	3,941	179.30	0.03
35.70	0.00	3,931	179.30	0.03
35.80	0.00	3,921	179.30	0.03
35.90	0.00	3,912	179.29	0.03
36.00	0.00	3,903	179.29	0.02
36.10	0.00	3,895	179.29	0.02
36.20	0.00	3,886	179.29	0.02
36.30	0.00	3,878	179.28	0.02

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,870	179.28	0.02
36.50	0.00	3,863	179.28	0.02
36.60	0.00	3,856	179.28	0.02
36.70	0.00	3,849	179.28	0.02
36.80	0.00	3,842	179.27	0.02
36.90	0.00	3,835	179.27	0.02
37.00	0.00	3,829	179.27	0.02
37.10	0.00	3,823	179.27	0.02
37.20	0.00	3,817	179.27	0.02
37.30	0.00	3,811	179.26	0.02
37.40	0.00	3,805	179.26	0.02
37.50	0.00	3,799	179.26	0.02
37.60	0.00	3,794	179.26	0.01
37.70	0.00	3,789	179.26	0.01
37.80	0.00	3,784	179.26	0.01
37.90	0.00	3,779	179.26	0.01
38.00	0.00	3,774	179.25	0.01
38.10	0.00	3,770	179.25	0.01
38.20	0.00	3,765	179.25	0.01
38.30	0.00	3,761	179.25	0.01
38.40	0.00	3,756	179.25	0.01
38.50	0.00	3,752	179.25	0.01
38.60	0.00	3,748	179.25	0.01
38.70	0.00	3,745	179.25	0.01
38.80	0.00	3,741	179.24	0.01
38.90	0.00	3,737	179.24	0.01
39.00	0.00	3,734	179.24	0.01
39.10	0.00	3,730	179.24	0.01
39.20	0.00	3,727	179.24	0.01
39.30	0.00	3,724	179.24	0.01
39.40	0.00	3,720	179.24	0.01
39.50	0.00	3,717	179.24	0.01
39.60	0.00	3,714	179.24	0.01
39.70	0.00	3,711	179.24	0.01
39.80	0.00	3,708	179.23	0.01
39.90	0.00	3,705	179.23	0.01
40.00	0.00	3,703	179.23	0.01

Stage-Discharge for Pond B-16A: Basin #16A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.00	179.56	0.09
178.01	0.00	178.53	0.00	179.05	0.00	179.57	0.09
178.02	0.00	178.54	0.00	179.06	0.00	179.58	0.09
178.03	0.00	178.55	0.00	179.07	0.00	179.59	0.09
178.04	0.00	178.56	0.00	179.08	0.00	179.60	0.09
178.05	0.00	178.57	0.00	179.09	0.00	179.61	0.10
178.06	0.00	178.58	0.00	179.10	0.00	179.62	0.10
178.07	0.00	178.59	0.00	179.11	0.00	179.63	0.10
178.08	0.00	178.60	0.00	179.12	0.00	179.64	0.10
178.09	0.00	178.61	0.00	179.13	0.00	179.65	0.10
178.10	0.00	178.62	0.00	179.14	0.00	179.66	0.10
178.11	0.00	178.63	0.00	179.15	0.00	179.67	0.10
178.12	0.00	178.64	0.00	179.16	0.00	179.68	0.10
178.13	0.00	178.65	0.00	179.17	0.00	179.69	0.11
178.14	0.00	178.66	0.00	179.18	0.00	179.70	0.11
178.15	0.00	178.67	0.00	179.19	0.00	179.71	0.11
178.16	0.00	178.68	0.00	179.20	0.00	179.72	0.11
178.17	0.00	178.69	0.00	179.21	0.00	179.73	0.11
178.18	0.00	178.70	0.00	179.22	0.00	179.74	0.11
178.19	0.00	178.71	0.00	179.23	0.01	179.75	0.11
178.20	0.00	178.72	0.00	179.24	0.01	179.76	0.11
178.21	0.00	178.73	0.00	179.25	0.01	179.77	0.12
178.22	0.00	178.74	0.00	179.26	0.01	179.78	0.12
178.23	0.00	178.75	0.00	179.27	0.02	179.79	0.12
178.24	0.00	178.76	0.00	179.28	0.02	179.80	0.12
178.25	0.00	178.77	0.00	179.29	0.02	179.81	0.12
178.26	0.00	178.78	0.00	179.30	0.03	179.82	0.12
178.27	0.00	178.79	0.00	179.31	0.03	179.83	0.12
178.28	0.00	178.80	0.00	179.32	0.03	179.84	0.12
178.29	0.00	178.81	0.00	179.33	0.04	179.85	0.12
178.30	0.00	178.82	0.00	179.34	0.04	179.86	0.13
178.31	0.00	178.83	0.00	179.35	0.05	179.87	0.13
178.32	0.00	178.84	0.00	179.36	0.05	179.88	0.13
178.33	0.00	178.85	0.00	179.37	0.05	179.89	0.13
178.34	0.00	178.86	0.00	179.38	0.05	179.90	0.13
178.35	0.00	178.87	0.00	179.39	0.06	179.91	0.13
178.36	0.00	178.88	0.00	179.40	0.06	179.92	0.13
178.37	0.00	178.89	0.00	179.41	0.06	179.93	0.13
178.38	0.00	178.90	0.00	179.42	0.06	179.94	0.13
178.39	0.00	178.91	0.00	179.43	0.06	179.95	0.13
178.40	0.00	178.92	0.00	179.44	0.07	179.96	0.14
178.41	0.00	178.93	0.00	179.45	0.07	179.97	0.14
178.42	0.00	178.94	0.00	179.46	0.07	179.98	0.14
178.43	0.00	178.95	0.00	179.47	0.07	179.99	0.14
178.44	0.00	178.96	0.00	179.48	0.07	180.00	0.14
178.45	0.00	178.97	0.00	179.49	0.08	180.01	0.14
178.46	0.00	178.98	0.00	179.50	0.08	180.02	0.14
178.47	0.00	178.99	0.00	179.51	0.08	180.03	0.14
178.48	0.00	179.00	0.00	179.52	0.08	180.04	0.14
178.49	0.00	179.01	0.00	179.53	0.08	180.05	0.14
178.50	0.00	179.02	0.00	179.54	0.08	180.06	0.15
178.51	0.00	179.03	0.00	179.55	0.09	180.07	0.15

Stage-Discharge for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.15	180.60	0.19	181.12	4.73	181.64	13.04
180.09	0.15	180.61	0.19	181.13	4.87	181.65	13.22
180.10	0.15	180.62	0.19	181.14	5.00	181.66	13.40
180.11	0.15	180.63	0.20	181.15	5.14	181.67	13.59
180.12	0.15	180.64	0.23	181.16	5.28	181.68	13.77
180.13	0.15	180.65	0.26	181.17	5.41	181.69	13.96
180.14	0.15	180.66	0.30	181.18	5.55	181.70	14.14
180.15	0.15	180.67	0.34	181.19	5.70	181.71	14.33
180.16	0.15	180.68	0.39	181.20	5.84	181.72	14.52
180.17	0.16	180.69	0.44	181.21	5.98	181.73	14.70
180.18	0.16	180.70	0.49	181.22	6.13	181.74	14.89
180.19	0.16	180.71	0.55	181.23	6.27	181.75	15.08
180.20	0.16	180.72	0.61	181.24	6.42	181.76	15.27
180.21	0.16	180.73	0.67	181.25	6.57	181.77	15.46
180.22	0.16	180.74	0.74	181.26	6.71	181.78	15.65
180.23	0.16	180.75	0.81	181.27	6.86	181.79	15.85
180.24	0.16	180.76	0.88	181.28	7.01	181.80	16.04
180.25	0.16	180.77	0.95	181.29	7.17	181.81	16.23
180.26	0.16	180.78	1.03	181.30	7.32	181.82	16.42
180.27	0.16	180.79	1.11	181.31	7.47	181.83	16.62
180.28	0.16	180.80	1.19	181.32	7.63	181.84	16.81
180.29	0.17	180.81	1.28	181.33	7.78	181.85	17.01
180.30	0.17	180.82	1.36	181.34	7.94	181.86	17.21
180.31	0.17	180.83	1.45	181.35	8.10	181.87	17.40
180.32	0.17	180.84	1.54	181.36	8.26	181.88	17.60
180.33	0.17	180.85	1.63	181.37	8.41	181.89	17.80
180.34	0.17	180.86	1.73	181.38	8.58	181.90	18.00
180.35	0.17	180.87	1.82	181.39	8.74	181.91	18.07
180.36	0.17	180.88	1.92	181.40	8.90	181.92	18.09
180.37	0.17	180.89	2.02	181.41	9.06	181.93	18.11
180.38	0.17	180.90	2.12	181.42	9.23	181.94	18.13
180.39	0.17	180.91	2.22	181.43	9.39	181.95	18.15
180.40	0.17	180.92	2.33	181.44	9.56	181.96	18.29
180.41	0.17	180.93	2.43	181.45	9.72	181.97	18.52
180.42	0.18	180.94	2.54	181.46	9.89	181.98	18.82
180.43	0.18	180.95	2.65	181.47	10.06	181.99	19.17
180.44	0.18	180.96	2.76	181.48	10.23	182.00	19.56
180.45	0.18	180.97	2.87	181.49	10.40		
180.46	0.18	180.98	2.99	181.50	10.57		
180.47	0.18	180.99	3.10	181.51	10.74		
180.48	0.18	181.00	3.22	181.52	10.91		
180.49	0.18	181.01	3.34	181.53	11.08		
180.50	0.18	181.02	3.46	181.54	11.26		
180.51	0.18	181.03	3.58	181.55	11.43		
180.52	0.18	181.04	3.70	181.56	11.61		
180.53	0.18	181.05	3.83	181.57	11.78		
180.54	0.18	181.06	3.95	181.58	11.96		
180.55	0.19	181.07	4.08	181.59	12.14		
180.56	0.19	181.08	4.21	181.60	12.32		
180.57	0.19	181.09	4.34	181.61	12.50		
180.58	0.19	181.10	4.47	181.62	12.68		
180.59	0.19	181.11	4.60	181.63	12.86		

Stage-Area-Storage for Pond B-16A: Basin #16A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	2,543	0	178.52	2,930	1,423
178.01	2,550	25	178.53	2,937	1,452
178.02	2,558	51	178.54	2,945	1,482
178.03	2,565	77	178.55	2,952	1,511
178.04	2,573	102	178.56	2,960	1,541
178.05	2,580	128	178.57	2,967	1,570
178.06	2,588	154	178.58	2,975	1,600
178.07	2,595	180	178.59	2,982	1,630
178.08	2,603	206	178.60	2,989	1,660
178.09	2,610	232	178.61	2,997	1,690
178.10	2,617	258	178.62	3,004	1,720
178.11	2,625	284	178.63	3,012	1,750
178.12	2,632	311	178.64	3,019	1,780
178.13	2,640	337	178.65	3,027	1,810
178.14	2,647	363	178.66	3,034	1,840
178.15	2,655	390	178.67	3,041	1,871
178.16	2,662	416	178.68	3,049	1,901
178.17	2,669	443	178.69	3,056	1,932
178.18	2,677	470	178.70	3,064	1,962
178.19	2,684	497	178.71	3,071	1,993
178.20	2,692	523	178.72	3,079	2,024
178.21	2,699	550	178.73	3,086	2,055
178.22	2,707	577	178.74	3,094	2,086
178.23	2,714	605	178.75	3,101	2,117
178.24	2,722	632	178.76	3,108	2,148
178.25	2,729	659	178.77	3,116	2,179
178.26	2,736	686	178.78	3,123	2,210
178.27	2,744	714	178.79	3,131	2,241
178.28	2,751	741	178.80	3,138	2,272
178.29	2,759	769	178.81	3,146	2,304
178.30	2,766	796	178.82	3,153	2,335
178.31	2,774	824	178.83	3,161	2,367
178.32	2,781	852	178.84	3,168	2,399
178.33	2,789	880	178.85	3,175	2,430
178.34	2,796	908	178.86	3,183	2,462
178.35	2,803	936	178.87	3,190	2,494
178.36	2,811	964	178.88	3,198	2,526
178.37	2,818	992	178.89	3,205	2,558
178.38	2,826	1,020	178.90	3,213	2,590
178.39	2,833	1,048	178.91	3,220	2,622
178.40	2,841	1,077	178.92	3,227	2,654
178.41	2,848	1,105	178.93	3,235	2,687
178.42	2,855	1,134	178.94	3,242	2,719
178.43	2,863	1,162	178.95	3,250	2,752
178.44	2,870	1,191	178.96	3,257	2,784
178.45	2,878	1,220	178.97	3,265	2,817
178.46	2,885	1,248	178.98	3,272	2,849
178.47	2,893	1,277	178.99	3,280	2,882
178.48	2,900	1,306	179.00	3,287	2,915
178.49	2,908	1,335	179.01	3,295	2,948
178.50	2,915	1,365	179.02	3,302	2,981
178.51	2,922	1,394	179.03	3,310	3,014

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,318	3,047	179.56	3,719	4,877
179.05	3,326	3,080	179.57	3,727	4,914
179.06	3,333	3,114	179.58	3,735	4,951
179.07	3,341	3,147	179.59	3,742	4,989
179.08	3,349	3,180	179.60	3,750	5,026
179.09	3,356	3,214	179.61	3,758	5,064
179.10	3,364	3,248	179.62	3,766	5,101
179.11	3,372	3,281	179.63	3,773	5,139
179.12	3,380	3,315	179.64	3,781	5,177
179.13	3,387	3,349	179.65	3,789	5,215
179.14	3,395	3,383	179.66	3,797	5,253
179.15	3,403	3,417	179.67	3,804	5,291
179.16	3,411	3,451	179.68	3,812	5,329
179.17	3,418	3,485	179.69	3,820	5,367
179.18	3,426	3,519	179.70	3,827	5,405
179.19	3,434	3,553	179.71	3,835	5,443
179.20	3,441	3,588	179.72	3,843	5,482
179.21	3,449	3,622	179.73	3,851	5,520
179.22	3,457	3,657	179.74	3,858	5,559
179.23	3,465	3,691	179.75	3,866	5,597
179.24	3,472	3,726	179.76	3,874	5,636
179.25	3,480	3,761	179.77	3,881	5,675
179.26	3,488	3,796	179.78	3,889	5,714
179.27	3,495	3,831	179.79	3,897	5,753
179.28	3,503	3,866	179.80	3,905	5,792
179.29	3,511	3,901	179.81	3,912	5,831
179.30	3,519	3,936	179.82	3,920	5,870
179.31	3,526	3,971	179.83	3,928	5,909
179.32	3,534	4,006	179.84	3,935	5,948
179.33	3,542	4,042	179.85	3,943	5,988
179.34	3,549	4,077	179.86	3,951	6,027
179.35	3,557	4,113	179.87	3,959	6,067
179.36	3,565	4,148	179.88	3,966	6,106
179.37	3,573	4,184	179.89	3,974	6,146
179.38	3,580	4,220	179.90	3,982	6,186
179.39	3,588	4,256	179.91	3,990	6,226
179.40	3,596	4,292	179.92	3,997	6,266
179.41	3,604	4,328	179.93	4,005	6,306
179.42	3,611	4,364	179.94	4,013	6,346
179.43	3,619	4,400	179.95	4,020	6,386
179.44	3,627	4,436	179.96	4,028	6,426
179.45	3,634	4,472	179.97	4,036	6,467
179.46	3,642	4,509	179.98	4,044	6,507
179.47	3,650	4,545	179.99	4,051	6,547
179.48	3,658	4,582	180.00	4,059	6,588
179.49	3,665	4,618	180.01	4,067	6,629
179.50	3,673	4,655	180.02	4,075	6,669
179.51	3,681	4,692	180.03	4,083	6,710
179.52	3,688	4,729	180.04	4,091	6,751
179.53	3,696	4,766	180.05	4,099	6,792
179.54	3,704	4,803	180.06	4,107	6,833
179.55	3,712	4,840	180.07	4,115	6,874

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,123	6,915	180.60	4,538	9,167
180.09	4,131	6,957	180.61	4,546	9,213
180.10	4,139	6,998	180.62	4,554	9,258
180.11	4,147	7,039	180.63	4,562	9,304
180.12	4,155	7,081	180.64	4,570	9,349
180.13	4,163	7,122	180.65	4,578	9,395
180.14	4,171	7,164	180.66	4,586	9,441
180.15	4,179	7,206	180.67	4,594	9,487
180.16	4,187	7,248	180.68	4,602	9,533
180.17	4,195	7,290	180.69	4,610	9,579
180.18	4,203	7,332	180.70	4,618	9,625
180.19	4,211	7,374	180.71	4,626	9,671
180.20	4,219	7,416	180.72	4,634	9,718
180.21	4,227	7,458	180.73	4,642	9,764
180.22	4,235	7,500	180.74	4,650	9,810
180.23	4,243	7,543	180.75	4,658	9,857
180.24	4,251	7,585	180.76	4,666	9,904
180.25	4,259	7,628	180.77	4,674	9,950
180.26	4,267	7,670	180.78	4,682	9,997
180.27	4,275	7,713	180.79	4,690	10,044
180.28	4,283	7,756	180.80	4,698	10,091
180.29	4,291	7,799	180.81	4,706	10,138
180.30	4,299	7,842	180.82	4,714	10,185
180.31	4,307	7,885	180.83	4,722	10,232
180.32	4,315	7,928	180.84	4,730	10,279
180.33	4,323	7,971	180.85	4,738	10,327
180.34	4,331	8,014	180.86	4,746	10,374
180.35	4,339	8,058	180.87	4,754	10,422
180.36	4,347	8,101	180.88	4,762	10,469
180.37	4,355	8,145	180.89	4,770	10,517
180.38	4,363	8,188	180.90	4,778	10,565
180.39	4,371	8,232	180.91	4,786	10,613
180.40	4,379	8,276	180.92	4,794	10,660
180.41	4,387	8,319	180.93	4,802	10,708
180.42	4,395	8,363	180.94	4,810	10,756
180.43	4,403	8,407	180.95	4,818	10,805
180.44	4,411	8,451	180.96	4,826	10,853
180.45	4,419	8,495	180.97	4,834	10,901
180.46	4,427	8,540	180.98	4,842	10,949
180.47	4,435	8,584	180.99	4,850	10,998
180.48	4,443	8,628	181.00	4,858	11,047
180.49	4,451	8,673	181.01	4,866	11,095
180.50	4,459	8,717	181.02	4,875	11,144
180.51	4,466	8,762	181.03	4,883	11,193
180.52	4,474	8,807	181.04	4,891	11,241
180.53	4,482	8,851	181.05	4,899	11,290
180.54	4,490	8,896	181.06	4,908	11,339
180.55	4,498	8,941	181.07	4,916	11,389
180.56	4,506	8,986	181.08	4,924	11,438
180.57	4,514	9,031	181.09	4,932	11,487
180.58	4,522	9,077	181.10	4,941	11,536
180.59	4,530	9,122	181.11	4,949	11,586

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	4,957	11,635	181.64	5,387	14,325
181.13	4,966	11,685	181.65	5,396	14,379
181.14	4,974	11,735	181.66	5,404	14,433
181.15	4,982	11,785	181.67	5,412	14,487
181.16	4,990	11,834	181.68	5,420	14,541
181.17	4,999	11,884	181.69	5,429	14,595
181.18	5,007	11,934	181.70	5,437	14,650
181.19	5,015	11,984	181.71	5,445	14,704
181.20	5,023	12,035	181.72	5,453	14,759
181.21	5,032	12,085	181.73	5,462	14,813
181.22	5,040	12,135	181.74	5,470	14,868
181.23	5,048	12,186	181.75	5,478	14,923
181.24	5,056	12,236	181.76	5,487	14,977
181.25	5,065	12,287	181.77	5,495	15,032
181.26	5,073	12,338	181.78	5,503	15,087
181.27	5,081	12,388	181.79	5,511	15,142
181.28	5,090	12,439	181.80	5,520	15,198
181.29	5,098	12,490	181.81	5,528	15,253
181.30	5,106	12,541	181.82	5,536	15,308
181.31	5,114	12,592	181.83	5,544	15,364
181.32	5,123	12,643	181.84	5,553	15,419
181.33	5,131	12,695	181.85	5,561	15,475
181.34	5,139	12,746	181.86	5,569	15,530
181.35	5,147	12,797	181.87	5,577	15,586
181.36	5,156	12,849	181.88	5,586	15,642
181.37	5,164	12,901	181.89	5,594	15,698
181.38	5,172	12,952	181.90	5,602	15,754
181.39	5,181	13,004	181.91	5,611	15,810
181.40	5,189	13,056	181.92	5,619	15,866
181.41	5,197	13,108	181.93	5,627	15,922
181.42	5,205	13,160	181.94	5,635	15,978
181.43	5,214	13,212	181.95	5,644	16,035
181.44	5,222	13,264	181.96	5,652	16,091
181.45	5,230	13,316	181.97	5,660	16,148
181.46	5,238	13,369	181.98	5,668	16,204
181.47	5,247	13,421	181.99	5,677	16,261
181.48	5,255	13,474	182.00	5,685	16,318
181.49	5,263	13,526			
181.50	5,272	13,579			
181.51	5,280	13,632			
181.52	5,288	13,684			
181.53	5,296	13,737			
181.54	5,305	13,790			
181.55	5,313	13,843			
181.56	5,321	13,897			
181.57	5,329	13,950			
181.58	5,338	14,003			
181.59	5,346	14,057			
181.60	5,354	14,110			
181.61	5,362	14,164			
181.62	5,371	14,217			
181.63	5,379	14,271			

Summary for Pond B-16B: Basin #16B

Inflow Area = 1.877 ac, 43.74% Impervious, Inflow Depth = 4.14" for Future 10 yr event
 Inflow = 7.88 cfs @ 12.17 hrs, Volume= 0.647 af
 Outflow = 5.17 cfs @ 12.29 hrs, Volume= 0.565 af, Atten= 34%, Lag= 7.0 min
 Primary = 5.17 cfs @ 12.29 hrs, Volume= 0.565 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.86' @ 12.29 hrs Surf.Area= 5,053 sf Storage= 11,676 cf

Plug-Flow detention time= 325.6 min calculated for 0.564 af (87% of inflow)
 Center-of-Mass det. time= 264.6 min (1,050.5 - 785.9)

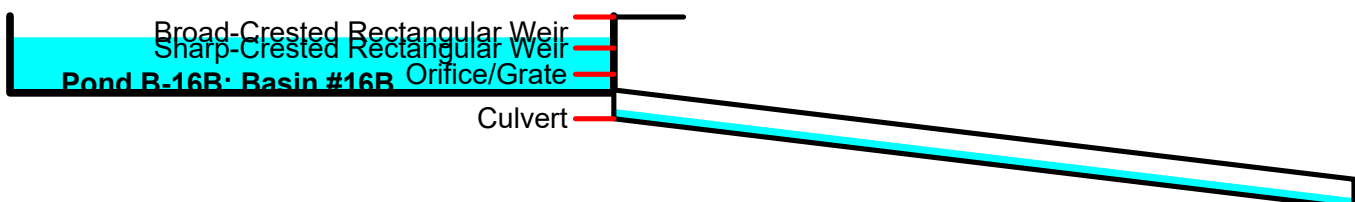
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	17,892 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	3,145	0	0
179.00	3,781	3,463	3,463
180.00	4,451	4,116	7,579
181.00	5,149	4,800	12,379
182.00	5,877	5,513	17,892

Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	178.97'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

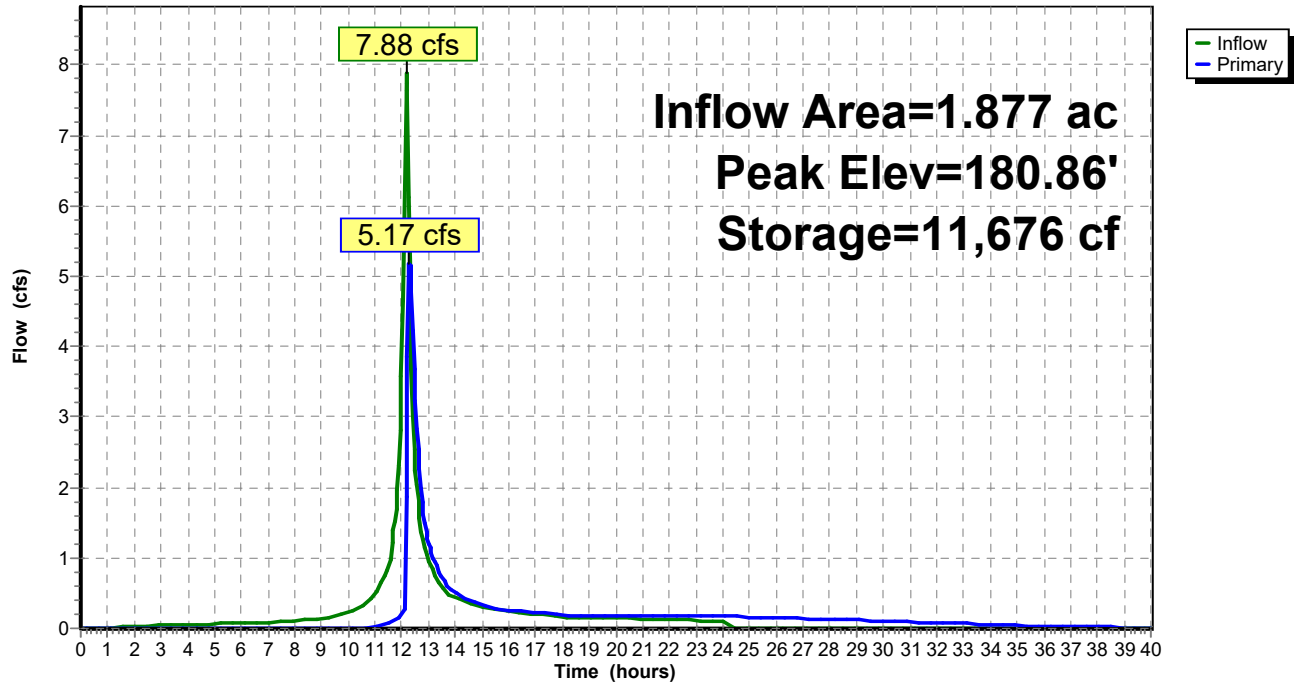
Primary OutFlow Max=5.12 cfs @ 12.29 hrs HW=180.86' (Free Discharge)

1=Culvert (Passes 5.12 cfs of 15.82 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.43 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.90 cfs @ 2.38 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16B: Basin #16B

Hydrograph



Hydrograph for Pond B-16B: Basin #16B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	0	178.00	0.00
0.60	0.00	0	178.00	0.00
0.70	0.00	0	178.00	0.00
0.80	0.00	0	178.00	0.00
0.90	0.00	1	178.00	0.00
1.00	0.01	3	178.00	0.00
1.10	0.01	5	178.00	0.00
1.20	0.01	9	178.00	0.00
1.30	0.01	13	178.00	0.00
1.40	0.02	19	178.01	0.00
1.50	0.02	25	178.01	0.00
1.60	0.02	32	178.01	0.00
1.70	0.02	40	178.01	0.00
1.80	0.02	48	178.02	0.00
1.90	0.03	57	178.02	0.00
2.00	0.03	67	178.02	0.00
2.10	0.03	77	178.02	0.00
2.20	0.03	88	178.03	0.00
2.30	0.03	100	178.03	0.00
2.40	0.03	112	178.04	0.00
2.50	0.04	124	178.04	0.00
2.60	0.04	137	178.04	0.00
2.70	0.04	151	178.05	0.00
2.80	0.04	165	178.05	0.00
2.90	0.04	179	178.06	0.00
3.00	0.04	194	178.06	0.00
3.10	0.04	210	178.07	0.00
3.20	0.04	225	178.07	0.00
3.30	0.05	242	178.08	0.00
3.40	0.05	258	178.08	0.00
3.50	0.05	275	178.09	0.00
3.60	0.05	292	178.09	0.00
3.70	0.05	310	178.10	0.00
3.80	0.05	328	178.10	0.00
3.90	0.05	347	178.11	0.00
4.00	0.05	365	178.11	0.00
4.10	0.05	384	178.12	0.00
4.20	0.05	404	178.13	0.00
4.30	0.06	424	178.13	0.00
4.40	0.06	444	178.14	0.00
4.50	0.06	464	178.15	0.00
4.60	0.06	485	178.15	0.00
4.70	0.06	506	178.16	0.00
4.80	0.06	527	178.16	0.00
4.90	0.06	548	178.17	0.00
5.00	0.06	570	178.18	0.00
5.10	0.06	592	178.18	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	615	178.19	0.00
5.30	0.06	637	178.20	0.00
5.40	0.06	660	178.21	0.00
5.50	0.06	683	178.21	0.00
5.60	0.07	707	178.22	0.00
5.70	0.07	731	178.23	0.00
5.80	0.07	754	178.23	0.00
5.90	0.07	779	178.24	0.00
6.00	0.07	803	178.25	0.00
6.10	0.07	828	178.26	0.00
6.20	0.07	853	178.26	0.00
6.30	0.07	879	178.27	0.00
6.40	0.07	906	178.28	0.00
6.50	0.08	933	178.29	0.00
6.60	0.08	961	178.30	0.00
6.70	0.08	990	178.31	0.00
6.80	0.08	1,019	178.31	0.00
6.90	0.08	1,049	178.32	0.00
7.00	0.09	1,080	178.33	0.00
7.10	0.09	1,112	178.34	0.00
7.20	0.09	1,144	178.35	0.00
7.30	0.09	1,177	178.36	0.00
7.40	0.09	1,211	178.37	0.00
7.50	0.10	1,246	178.38	0.00
7.60	0.10	1,281	178.39	0.00
7.70	0.10	1,317	178.40	0.00
7.80	0.10	1,353	178.41	0.00
7.90	0.10	1,391	178.42	0.00
8.00	0.11	1,429	178.44	0.00
8.10	0.11	1,468	178.45	0.00
8.20	0.11	1,507	178.46	0.00
8.30	0.11	1,548	178.47	0.00
8.40	0.12	1,590	178.48	0.00
8.50	0.12	1,633	178.49	0.00
8.60	0.12	1,677	178.51	0.00
8.70	0.13	1,722	178.52	0.00
8.80	0.13	1,769	178.53	0.00
8.90	0.13	1,817	178.55	0.00
9.00	0.14	1,866	178.56	0.00
9.10	0.14	1,916	178.58	0.00
9.20	0.15	1,969	178.59	0.00
9.30	0.16	2,026	178.61	0.00
9.40	0.17	2,085	178.62	0.00
9.50	0.18	2,148	178.64	0.00
9.60	0.19	2,215	178.66	0.00
9.70	0.20	2,286	178.68	0.00
9.80	0.21	2,360	178.70	0.00
9.90	0.22	2,438	178.72	0.00
10.00	0.23	2,521	178.75	0.00
10.10	0.25	2,607	178.77	0.00
10.20	0.26	2,698	178.79	0.00
10.30	0.27	2,793	178.82	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.28	2,892	178.85	0.00
10.50	0.29	2,996	178.88	0.00
10.60	0.31	3,105	178.90	0.00
10.70	0.35	3,224	178.94	0.00
10.80	0.39	3,356	178.97	0.00
10.90	0.43	3,503	179.01	0.00
11.00	0.47	3,662	179.05	0.01
11.10	0.52	3,834	179.10	0.03
11.20	0.60	4,023	179.15	0.04
11.30	0.68	4,234	179.20	0.06
11.40	0.77	4,471	179.26	0.07
11.50	0.85	4,735	179.33	0.08
11.60	1.04	5,036	179.40	0.09
11.70	1.38	5,438	179.50	0.11
11.80	1.70	5,945	179.62	0.12
11.90	2.32	6,613	179.78	0.14
12.00	3.58	7,596	180.00	0.16
12.10	6.21	9,247	180.36	0.27
12.20	7.63	11,174	180.76	3.85
12.30	4.66	11,672	180.86	5.15
12.40	3.02	11,324	180.79	4.23
12.50	2.23	10,917	180.71	3.22
12.60	1.81	10,617	180.65	2.53
12.70	1.37	10,369	180.60	2.00
12.80	1.18	10,177	180.56	1.62
12.90	1.06	10,044	180.53	1.37
13.00	0.96	9,947	180.51	1.20
13.10	0.86	9,867	180.49	1.07
13.20	0.77	9,797	180.48	0.95
13.30	0.71	9,737	180.47	0.86
13.40	0.65	9,685	180.46	0.79
13.50	0.60	9,640	180.45	0.72
13.60	0.54	9,597	180.44	0.66
13.70	0.50	9,557	180.43	0.61
13.80	0.47	9,521	180.42	0.56
13.90	0.46	9,493	180.42	0.53
14.00	0.44	9,471	180.41	0.50
14.10	0.43	9,453	180.41	0.48
14.20	0.42	9,437	180.40	0.46
14.30	0.40	9,423	180.40	0.44
14.40	0.39	9,410	180.40	0.43
14.50	0.37	9,396	180.40	0.41
14.60	0.36	9,382	180.39	0.40
14.70	0.35	9,367	180.39	0.39
14.80	0.33	9,353	180.39	0.37
14.90	0.32	9,338	180.38	0.36
15.00	0.30	9,323	180.38	0.34
15.10	0.29	9,308	180.38	0.33
15.20	0.28	9,293	180.37	0.32
15.30	0.27	9,280	180.37	0.30
15.40	0.27	9,268	180.37	0.29
15.50	0.26	9,259	180.37	0.28

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	9,252	180.37	0.28
15.70	0.25	9,245	180.36	0.27
15.80	0.25	9,239	180.36	0.27
15.90	0.25	9,234	180.36	0.26
16.00	0.24	9,229	180.36	0.26
16.10	0.24	9,224	180.36	0.25
16.20	0.24	9,219	180.36	0.25
16.30	0.23	9,214	180.36	0.25
16.40	0.23	9,208	180.36	0.24
16.50	0.22	9,201	180.35	0.24
16.60	0.22	9,195	180.35	0.24
16.70	0.22	9,188	180.35	0.23
16.80	0.21	9,182	180.35	0.23
16.90	0.21	9,175	180.35	0.23
17.00	0.20	9,168	180.35	0.22
17.10	0.20	9,160	180.35	0.22
17.20	0.20	9,153	180.34	0.22
17.30	0.19	9,146	180.34	0.21
17.40	0.19	9,138	180.34	0.21
17.50	0.19	9,131	180.34	0.21
17.60	0.18	9,124	180.34	0.20
17.70	0.18	9,116	180.34	0.20
17.80	0.17	9,108	180.33	0.20
17.90	0.17	9,101	180.33	0.19
18.00	0.17	9,093	180.33	0.19
18.10	0.16	9,086	180.33	0.18
18.20	0.16	9,077	180.33	0.18
18.30	0.16	9,068	180.33	0.18
18.40	0.16	9,059	180.32	0.18
18.50	0.16	9,049	180.32	0.18
18.60	0.15	9,039	180.32	0.18
18.70	0.15	9,028	180.32	0.18
18.80	0.15	9,018	180.32	0.18
18.90	0.15	9,007	180.31	0.18
19.00	0.15	8,996	180.31	0.18
19.10	0.15	8,984	180.31	0.18
19.20	0.15	8,972	180.31	0.18
19.30	0.15	8,960	180.30	0.18
19.40	0.15	8,948	180.30	0.18
19.50	0.15	8,935	180.30	0.18
19.60	0.15	8,923	180.30	0.18
19.70	0.14	8,909	180.29	0.18
19.80	0.14	8,896	180.29	0.18
19.90	0.14	8,883	180.29	0.18
20.00	0.14	8,869	180.28	0.18
20.10	0.14	8,855	180.28	0.18
20.20	0.14	8,840	180.28	0.18
20.30	0.14	8,825	180.27	0.18
20.40	0.14	8,811	180.27	0.18
20.50	0.14	8,795	180.27	0.18
20.60	0.14	8,780	180.26	0.18
20.70	0.14	8,764	180.26	0.18

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	8,748	180.26	0.18
20.90	0.13	8,732	180.25	0.18
21.00	0.13	8,716	180.25	0.18
21.10	0.13	8,699	180.25	0.18
21.20	0.13	8,682	180.24	0.18
21.30	0.13	8,665	180.24	0.18
21.40	0.13	8,647	180.24	0.18
21.50	0.13	8,630	180.23	0.18
21.60	0.13	8,612	180.23	0.18
21.70	0.13	8,594	180.22	0.18
21.80	0.12	8,575	180.22	0.18
21.90	0.12	8,557	180.22	0.18
22.00	0.12	8,538	180.21	0.18
22.10	0.12	8,519	180.21	0.17
22.20	0.12	8,499	180.20	0.17
22.30	0.12	8,480	180.20	0.17
22.40	0.12	8,460	180.19	0.17
22.50	0.12	8,440	180.19	0.17
22.60	0.12	8,420	180.19	0.17
22.70	0.12	8,399	180.18	0.17
22.80	0.11	8,379	180.18	0.17
22.90	0.11	8,358	180.17	0.17
23.00	0.11	8,337	180.17	0.17
23.10	0.11	8,315	180.16	0.17
23.20	0.11	8,294	180.16	0.17
23.30	0.11	8,272	180.15	0.17
23.40	0.11	8,250	180.15	0.17
23.50	0.11	8,228	180.14	0.17
23.60	0.11	8,205	180.14	0.17
23.70	0.11	8,183	180.13	0.17
23.80	0.11	8,160	180.13	0.17
23.90	0.10	8,137	180.12	0.17
24.00	0.11	8,114	180.12	0.17
24.10	0.09	8,092	180.11	0.17
24.20	0.03	8,053	180.11	0.17
24.30	0.01	7,998	180.09	0.17
24.40	0.00	7,940	180.08	0.16
24.50	0.00	7,881	180.07	0.16
24.60	0.00	7,822	180.05	0.16
24.70	0.00	7,764	180.04	0.16
24.80	0.00	7,706	180.03	0.16
24.90	0.00	7,649	180.02	0.16
25.00	0.00	7,591	180.00	0.16
25.10	0.00	7,535	179.99	0.16
25.20	0.00	7,478	179.98	0.16
25.30	0.00	7,422	179.96	0.15
25.40	0.00	7,367	179.95	0.15
25.50	0.00	7,312	179.94	0.15
25.60	0.00	7,257	179.93	0.15
25.70	0.00	7,203	179.91	0.15
25.80	0.00	7,149	179.90	0.15
25.90	0.00	7,095	179.89	0.15

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,042	179.88	0.15
26.10	0.00	6,989	179.87	0.15
26.20	0.00	6,937	179.85	0.14
26.30	0.00	6,885	179.84	0.14
26.40	0.00	6,833	179.83	0.14
26.50	0.00	6,782	179.82	0.14
26.60	0.00	6,731	179.81	0.14
26.70	0.00	6,681	179.80	0.14
26.80	0.00	6,631	179.78	0.14
26.90	0.00	6,581	179.77	0.14
27.00	0.00	6,532	179.76	0.14
27.10	0.00	6,483	179.75	0.13
27.20	0.00	6,435	179.74	0.13
27.30	0.00	6,387	179.73	0.13
27.40	0.00	6,340	179.72	0.13
27.50	0.00	6,292	179.70	0.13
27.60	0.00	6,246	179.69	0.13
27.70	0.00	6,199	179.68	0.13
27.80	0.00	6,154	179.67	0.13
27.90	0.00	6,108	179.66	0.13
28.00	0.00	6,063	179.65	0.12
28.10	0.00	6,018	179.64	0.12
28.20	0.00	5,974	179.63	0.12
28.30	0.00	5,930	179.62	0.12
28.40	0.00	5,887	179.61	0.12
28.50	0.00	5,844	179.60	0.12
28.60	0.00	5,802	179.59	0.12
28.70	0.00	5,759	179.58	0.12
28.80	0.00	5,718	179.57	0.12
28.90	0.00	5,676	179.56	0.11
29.00	0.00	5,636	179.55	0.11
29.10	0.00	5,595	179.54	0.11
29.20	0.00	5,555	179.53	0.11
29.30	0.00	5,515	179.52	0.11
29.40	0.00	5,476	179.51	0.11
29.50	0.00	5,437	179.50	0.11
29.60	0.00	5,399	179.49	0.11
29.70	0.00	5,361	179.48	0.10
29.80	0.00	5,324	179.47	0.10
29.90	0.00	5,287	179.46	0.10
30.00	0.00	5,250	179.45	0.10
30.10	0.00	5,214	179.45	0.10
30.20	0.00	5,178	179.44	0.10
30.30	0.00	5,143	179.43	0.10
30.40	0.00	5,108	179.42	0.10
30.50	0.00	5,073	179.41	0.10
30.60	0.00	5,039	179.40	0.09
30.70	0.00	5,006	179.39	0.09
30.80	0.00	4,972	179.39	0.09
30.90	0.00	4,940	179.38	0.09
31.00	0.00	4,907	179.37	0.09
31.10	0.00	4,875	179.36	0.09

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,844	179.35	0.09
31.30	0.00	4,813	179.35	0.09
31.40	0.00	4,782	179.34	0.08
31.50	0.00	4,752	179.33	0.08
31.60	0.00	4,722	179.32	0.08
31.70	0.00	4,693	179.32	0.08
31.80	0.00	4,664	179.31	0.08
31.90	0.00	4,636	179.30	0.08
32.00	0.00	4,608	179.30	0.08
32.10	0.00	4,580	179.29	0.08
32.20	0.00	4,553	179.28	0.07
32.30	0.00	4,527	179.27	0.07
32.40	0.00	4,500	179.27	0.07
32.50	0.00	4,475	179.26	0.07
32.60	0.00	4,449	179.26	0.07
32.70	0.00	4,424	179.25	0.07
32.80	0.00	4,400	179.24	0.07
32.90	0.00	4,376	179.24	0.07
33.00	0.00	4,352	179.23	0.06
33.10	0.00	4,329	179.22	0.06
33.20	0.00	4,307	179.22	0.06
33.30	0.00	4,284	179.21	0.06
33.40	0.00	4,263	179.21	0.06
33.50	0.00	4,241	179.20	0.06
33.60	0.00	4,220	179.20	0.06
33.70	0.00	4,200	179.19	0.06
33.80	0.00	4,180	179.19	0.05
33.90	0.00	4,160	179.18	0.05
34.00	0.00	4,141	179.18	0.05
34.10	0.00	4,123	179.17	0.05
34.20	0.00	4,104	179.17	0.05
34.30	0.00	4,087	179.16	0.05
34.40	0.00	4,069	179.16	0.05
34.50	0.00	4,052	179.15	0.05
34.60	0.00	4,036	179.15	0.04
34.70	0.00	4,020	179.15	0.04
34.80	0.00	4,005	179.14	0.04
34.90	0.00	3,990	179.14	0.04
35.00	0.00	3,975	179.13	0.04
35.10	0.00	3,961	179.13	0.04
35.20	0.00	3,948	179.13	0.04
35.30	0.00	3,935	179.12	0.04
35.40	0.00	3,922	179.12	0.03
35.50	0.00	3,910	179.12	0.03
35.60	0.00	3,898	179.11	0.03
35.70	0.00	3,886	179.11	0.03
35.80	0.00	3,875	179.11	0.03
35.90	0.00	3,864	179.11	0.03
36.00	0.00	3,854	179.10	0.03
36.10	0.00	3,844	179.10	0.03
36.20	0.00	3,834	179.10	0.03
36.30	0.00	3,825	179.09	0.03

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,815	179.09	0.02
36.50	0.00	3,807	179.09	0.02
36.60	0.00	3,798	179.09	0.02
36.70	0.00	3,790	179.09	0.02
36.80	0.00	3,782	179.08	0.02
36.90	0.00	3,774	179.08	0.02
37.00	0.00	3,767	179.08	0.02
37.10	0.00	3,759	179.08	0.02
37.20	0.00	3,752	179.08	0.02
37.30	0.00	3,745	179.07	0.02
37.40	0.00	3,738	179.07	0.02
37.50	0.00	3,732	179.07	0.02
37.60	0.00	3,726	179.07	0.02
37.70	0.00	3,719	179.07	0.02
37.80	0.00	3,713	179.07	0.02
37.90	0.00	3,708	179.06	0.02
38.00	0.00	3,702	179.06	0.02
38.10	0.00	3,696	179.06	0.02
38.20	0.00	3,691	179.06	0.01
38.30	0.00	3,686	179.06	0.01
38.40	0.00	3,680	179.06	0.01
38.50	0.00	3,675	179.06	0.01
38.60	0.00	3,671	179.05	0.01
38.70	0.00	3,666	179.05	0.01
38.80	0.00	3,661	179.05	0.01
38.90	0.00	3,657	179.05	0.01
39.00	0.00	3,653	179.05	0.01
39.10	0.00	3,648	179.05	0.01
39.20	0.00	3,644	179.05	0.01
39.30	0.00	3,640	179.05	0.01
39.40	0.00	3,636	179.05	0.01
39.50	0.00	3,632	179.04	0.01
39.60	0.00	3,629	179.04	0.01
39.70	0.00	3,625	179.04	0.01
39.80	0.00	3,622	179.04	0.01
39.90	0.00	3,618	179.04	0.01
40.00	0.00	3,615	179.04	0.01

Stage-Discharge for Pond B-16B: Basin #16B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.01	179.56	0.11
178.01	0.00	178.53	0.00	179.05	0.01	179.57	0.12
178.02	0.00	178.54	0.00	179.06	0.01	179.58	0.12
178.03	0.00	178.55	0.00	179.07	0.02	179.59	0.12
178.04	0.00	178.56	0.00	179.08	0.02	179.60	0.12
178.05	0.00	178.57	0.00	179.09	0.02	179.61	0.12
178.06	0.00	178.58	0.00	179.10	0.03	179.62	0.12
178.07	0.00	178.59	0.00	179.11	0.03	179.63	0.12
178.08	0.00	178.60	0.00	179.12	0.03	179.64	0.12
178.09	0.00	178.61	0.00	179.13	0.04	179.65	0.12
178.10	0.00	178.62	0.00	179.14	0.04	179.66	0.13
178.11	0.00	178.63	0.00	179.15	0.05	179.67	0.13
178.12	0.00	178.64	0.00	179.16	0.05	179.68	0.13
178.13	0.00	178.65	0.00	179.17	0.05	179.69	0.13
178.14	0.00	178.66	0.00	179.18	0.05	179.70	0.13
178.15	0.00	178.67	0.00	179.19	0.06	179.71	0.13
178.16	0.00	178.68	0.00	179.20	0.06	179.72	0.13
178.17	0.00	178.69	0.00	179.21	0.06	179.73	0.13
178.18	0.00	178.70	0.00	179.22	0.06	179.74	0.13
178.19	0.00	178.71	0.00	179.23	0.06	179.75	0.13
178.20	0.00	178.72	0.00	179.24	0.07	179.76	0.14
178.21	0.00	178.73	0.00	179.25	0.07	179.77	0.14
178.22	0.00	178.74	0.00	179.26	0.07	179.78	0.14
178.23	0.00	178.75	0.00	179.27	0.07	179.79	0.14
178.24	0.00	178.76	0.00	179.28	0.07	179.80	0.14
178.25	0.00	178.77	0.00	179.29	0.08	179.81	0.14
178.26	0.00	178.78	0.00	179.30	0.08	179.82	0.14
178.27	0.00	178.79	0.00	179.31	0.08	179.83	0.14
178.28	0.00	178.80	0.00	179.32	0.08	179.84	0.14
178.29	0.00	178.81	0.00	179.33	0.08	179.85	0.14
178.30	0.00	178.82	0.00	179.34	0.08	179.86	0.15
178.31	0.00	178.83	0.00	179.35	0.09	179.87	0.15
178.32	0.00	178.84	0.00	179.36	0.09	179.88	0.15
178.33	0.00	178.85	0.00	179.37	0.09	179.89	0.15
178.34	0.00	178.86	0.00	179.38	0.09	179.90	0.15
178.35	0.00	178.87	0.00	179.39	0.09	179.91	0.15
178.36	0.00	178.88	0.00	179.40	0.09	179.92	0.15
178.37	0.00	178.89	0.00	179.41	0.10	179.93	0.15
178.38	0.00	178.90	0.00	179.42	0.10	179.94	0.15
178.39	0.00	178.91	0.00	179.43	0.10	179.95	0.15
178.40	0.00	178.92	0.00	179.44	0.10	179.96	0.15
178.41	0.00	178.93	0.00	179.45	0.10	179.97	0.16
178.42	0.00	178.94	0.00	179.46	0.10	179.98	0.16
178.43	0.00	178.95	0.00	179.47	0.10	179.99	0.16
178.44	0.00	178.96	0.00	179.48	0.10	180.00	0.16
178.45	0.00	178.97	0.00	179.49	0.11	180.01	0.16
178.46	0.00	178.98	0.00	179.50	0.11	180.02	0.16
178.47	0.00	178.99	0.00	179.51	0.11	180.03	0.16
178.48	0.00	179.00	0.00	179.52	0.11	180.04	0.16
178.49	0.00	179.01	0.00	179.53	0.11	180.05	0.16
178.50	0.00	179.02	0.00	179.54	0.11	180.06	0.16
178.51	0.00	179.03	0.01	179.55	0.11	180.07	0.16

Stage-Discharge for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.16	180.60	2.01	181.12	9.06	181.64	17.52
180.09	0.17	180.61	2.11	181.13	9.22	181.65	17.54
180.10	0.17	180.62	2.22	181.14	9.39	181.66	17.56
180.11	0.17	180.63	2.32	181.15	9.55	181.67	17.58
180.12	0.17	180.64	2.43	181.16	9.72	181.68	17.60
180.13	0.17	180.65	2.54	181.17	9.88	181.69	17.62
180.14	0.17	180.66	2.65	181.18	10.05	181.70	17.64
180.15	0.17	180.67	2.76	181.19	10.22	181.71	17.66
180.16	0.17	180.68	2.87	181.20	10.39	181.72	17.69
180.17	0.17	180.69	2.98	181.21	10.56	181.73	17.71
180.18	0.17	180.70	3.10	181.22	10.73	181.74	17.73
180.19	0.17	180.71	3.22	181.23	10.91	181.75	17.75
180.20	0.17	180.72	3.33	181.24	11.08	181.76	17.77
180.21	0.17	180.73	3.45	181.25	11.25	181.77	17.79
180.22	0.18	180.74	3.58	181.26	11.43	181.78	17.81
180.23	0.18	180.75	3.70	181.27	11.60	181.79	17.83
180.24	0.18	180.76	3.82	181.28	11.78	181.80	17.85
180.25	0.18	180.77	3.95	181.29	11.96	181.81	17.87
180.26	0.18	180.78	4.07	181.30	12.13	181.82	17.89
180.27	0.18	180.79	4.20	181.31	12.31	181.83	17.91
180.28	0.18	180.80	4.33	181.32	12.49	181.84	17.93
180.29	0.18	180.81	4.46	181.33	12.67	181.85	17.95
180.30	0.18	180.82	4.59	181.34	12.85	181.86	17.97
180.31	0.18	180.83	4.73	181.35	13.03	181.87	17.99
180.32	0.18	180.84	4.86	181.36	13.22	181.88	18.01
180.33	0.18	180.85	5.00	181.37	13.40	181.89	18.03
180.34	0.20	180.86	5.13	181.38	13.58	181.90	18.05
180.35	0.22	180.87	5.27	181.39	13.77	181.91	18.07
180.36	0.25	180.88	5.41	181.40	13.95	181.92	18.09
180.37	0.29	180.89	5.55	181.41	14.14	181.93	18.11
180.38	0.33	180.90	5.69	181.42	14.33	181.94	18.13
180.39	0.38	180.91	5.83	181.43	14.51	181.95	18.15
180.40	0.43	180.92	5.98	181.44	14.70	181.96	18.29
180.41	0.48	180.93	6.12	181.45	14.89	181.97	18.52
180.42	0.54	180.94	6.27	181.46	15.08	181.98	18.82
180.43	0.60	180.95	6.41	181.47	15.27	181.99	19.17
180.44	0.67	180.96	6.56	181.48	15.46	182.00	19.56
180.45	0.73	180.97	6.71	181.49	15.65		
180.46	0.80	180.98	6.86	181.50	15.84		
180.47	0.87	180.99	7.01	181.51	16.03		
180.48	0.95	181.00	7.16	181.52	16.23		
180.49	1.03	181.01	7.31	181.53	16.42		
180.50	1.11	181.02	7.47	181.54	16.61		
180.51	1.19	181.03	7.62	181.55	16.81		
180.52	1.27	181.04	7.78	181.56	17.00		
180.53	1.36	181.05	7.93	181.57	17.20		
180.54	1.44	181.06	8.09	181.58	17.40		
180.55	1.53	181.07	8.25	181.59	17.42		
180.56	1.63	181.08	8.41	181.60	17.44		
180.57	1.72	181.09	8.57	181.61	17.46		
180.58	1.82	181.10	8.73	181.62	17.48		
180.59	1.91	181.11	8.89	181.63	17.50		

Stage-Area-Storage for Pond B-16B: Basin #16B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	3,145	0	178.52	3,476	1,721
178.01	3,151	31	178.53	3,482	1,756
178.02	3,158	63	178.54	3,488	1,791
178.03	3,164	95	178.55	3,495	1,826
178.04	3,170	126	178.56	3,501	1,861
178.05	3,177	158	178.57	3,508	1,896
178.06	3,183	190	178.58	3,514	1,931
178.07	3,190	222	178.59	3,520	1,966
178.08	3,196	254	178.60	3,527	2,001
178.09	3,202	286	178.61	3,533	2,037
178.10	3,209	318	178.62	3,539	2,072
178.11	3,215	350	178.63	3,546	2,108
178.12	3,221	382	178.64	3,552	2,143
178.13	3,228	414	178.65	3,558	2,179
178.14	3,234	447	178.66	3,565	2,214
178.15	3,240	479	178.67	3,571	2,250
178.16	3,247	511	178.68	3,577	2,286
178.17	3,253	544	178.69	3,584	2,321
178.18	3,259	576	178.70	3,590	2,357
178.19	3,266	609	178.71	3,597	2,393
178.20	3,272	642	178.72	3,603	2,429
178.21	3,279	674	178.73	3,609	2,465
178.22	3,285	707	178.74	3,616	2,501
178.23	3,291	740	178.75	3,622	2,538
178.24	3,298	773	178.76	3,628	2,574
178.25	3,304	806	178.77	3,635	2,610
178.26	3,310	839	178.78	3,641	2,647
178.27	3,317	872	178.79	3,647	2,683
178.28	3,323	906	178.80	3,654	2,720
178.29	3,329	939	178.81	3,660	2,756
178.30	3,336	972	178.82	3,667	2,793
178.31	3,342	1,006	178.83	3,673	2,829
178.32	3,349	1,039	178.84	3,679	2,866
178.33	3,355	1,072	178.85	3,686	2,903
178.34	3,361	1,106	178.86	3,692	2,940
178.35	3,368	1,140	178.87	3,698	2,977
178.36	3,374	1,173	178.88	3,705	3,014
178.37	3,380	1,207	178.89	3,711	3,051
178.38	3,387	1,241	178.90	3,717	3,088
178.39	3,393	1,275	178.91	3,724	3,125
178.40	3,399	1,309	178.92	3,730	3,163
178.41	3,406	1,343	178.93	3,736	3,200
178.42	3,412	1,377	178.94	3,743	3,237
178.43	3,418	1,411	178.95	3,749	3,275
178.44	3,425	1,445	178.96	3,756	3,312
178.45	3,431	1,480	178.97	3,762	3,350
178.46	3,438	1,514	178.98	3,768	3,388
178.47	3,444	1,548	178.99	3,775	3,425
178.48	3,450	1,583	179.00	3,781	3,463
178.49	3,457	1,617	179.01	3,788	3,501
178.50	3,463	1,652	179.02	3,794	3,539
178.51	3,469	1,687	179.03	3,801	3,577

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,808	3,615	179.56	4,156	5,685
179.05	3,815	3,653	179.57	4,163	5,727
179.06	3,821	3,691	179.58	4,170	5,769
179.07	3,828	3,729	179.59	4,176	5,810
179.08	3,835	3,768	179.60	4,183	5,852
179.09	3,841	3,806	179.61	4,190	5,894
179.10	3,848	3,844	179.62	4,196	5,936
179.11	3,855	3,883	179.63	4,203	5,978
179.12	3,861	3,922	179.64	4,210	6,020
179.13	3,868	3,960	179.65	4,217	6,062
179.14	3,875	3,999	179.66	4,223	6,104
179.15	3,882	4,038	179.67	4,230	6,147
179.16	3,888	4,077	179.68	4,237	6,189
179.17	3,895	4,115	179.69	4,243	6,231
179.18	3,902	4,154	179.70	4,250	6,274
179.19	3,908	4,193	179.71	4,257	6,316
179.20	3,915	4,233	179.72	4,263	6,359
179.21	3,922	4,272	179.73	4,270	6,402
179.22	3,928	4,311	179.74	4,277	6,444
179.23	3,935	4,350	179.75	4,284	6,487
179.24	3,942	4,390	179.76	4,290	6,530
179.25	3,949	4,429	179.77	4,297	6,573
179.26	3,955	4,469	179.78	4,304	6,616
179.27	3,962	4,508	179.79	4,310	6,659
179.28	3,969	4,548	179.80	4,317	6,702
179.29	3,975	4,588	179.81	4,324	6,745
179.30	3,982	4,627	179.82	4,330	6,789
179.31	3,989	4,667	179.83	4,337	6,832
179.32	3,995	4,707	179.84	4,344	6,875
179.33	4,002	4,747	179.85	4,350	6,919
179.34	4,009	4,787	179.86	4,357	6,962
179.35	4,015	4,827	179.87	4,364	7,006
179.36	4,022	4,868	179.88	4,371	7,050
179.37	4,029	4,908	179.89	4,377	7,093
179.38	4,036	4,948	179.90	4,384	7,137
179.39	4,042	4,989	179.91	4,391	7,181
179.40	4,049	5,029	179.92	4,397	7,225
179.41	4,056	5,070	179.93	4,404	7,269
179.42	4,062	5,110	179.94	4,411	7,313
179.43	4,069	5,151	179.95	4,417	7,357
179.44	4,076	5,191	179.96	4,424	7,401
179.45	4,082	5,232	179.97	4,431	7,446
179.46	4,089	5,273	179.98	4,438	7,490
179.47	4,096	5,314	179.99	4,444	7,535
179.48	4,103	5,355	180.00	4,451	7,579
179.49	4,109	5,396	180.01	4,458	7,624
179.50	4,116	5,437	180.02	4,465	7,668
179.51	4,123	5,478	180.03	4,472	7,713
179.52	4,129	5,520	180.04	4,479	7,758
179.53	4,136	5,561	180.05	4,486	7,802
179.54	4,143	5,602	180.06	4,493	7,847
179.55	4,150	5,644	180.07	4,500	7,892

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,507	7,937	180.60	4,870	10,375
180.09	4,514	7,982	180.61	4,877	10,424
180.10	4,521	8,028	180.62	4,884	10,473
180.11	4,528	8,073	180.63	4,891	10,522
180.12	4,535	8,118	180.64	4,898	10,571
180.13	4,542	8,164	180.65	4,905	10,620
180.14	4,549	8,209	180.66	4,912	10,669
180.15	4,556	8,255	180.67	4,919	10,718
180.16	4,563	8,300	180.68	4,926	10,767
180.17	4,570	8,346	180.69	4,933	10,816
180.18	4,577	8,391	180.70	4,940	10,866
180.19	4,584	8,437	180.71	4,947	10,915
180.20	4,591	8,483	180.72	4,954	10,965
180.21	4,598	8,529	180.73	4,961	11,014
180.22	4,605	8,575	180.74	4,968	11,064
180.23	4,612	8,621	180.75	4,975	11,114
180.24	4,619	8,667	180.76	4,981	11,163
180.25	4,626	8,714	180.77	4,988	11,213
180.26	4,632	8,760	180.78	4,995	11,263
180.27	4,639	8,806	180.79	5,002	11,313
180.28	4,646	8,853	180.80	5,009	11,363
180.29	4,653	8,899	180.81	5,016	11,413
180.30	4,660	8,946	180.82	5,023	11,463
180.31	4,667	8,992	180.83	5,030	11,514
180.32	4,674	9,039	180.84	5,037	11,564
180.33	4,681	9,086	180.85	5,044	11,615
180.34	4,688	9,133	180.86	5,051	11,665
180.35	4,695	9,180	180.87	5,058	11,716
180.36	4,702	9,227	180.88	5,065	11,766
180.37	4,709	9,274	180.89	5,072	11,817
180.38	4,716	9,321	180.90	5,079	11,868
180.39	4,723	9,368	180.91	5,086	11,918
180.40	4,730	9,415	180.92	5,093	11,969
180.41	4,737	9,463	180.93	5,100	12,020
180.42	4,744	9,510	180.94	5,107	12,071
180.43	4,751	9,557	180.95	5,114	12,122
180.44	4,758	9,605	180.96	5,121	12,174
180.45	4,765	9,653	180.97	5,128	12,225
180.46	4,772	9,700	180.98	5,135	12,276
180.47	4,779	9,748	180.99	5,142	12,328
180.48	4,786	9,796	181.00	5,149	12,379
180.49	4,793	9,844	181.01	5,156	12,431
180.50	4,800	9,892	181.02	5,164	12,482
180.51	4,807	9,940	181.03	5,171	12,534
180.52	4,814	9,988	181.04	5,178	12,586
180.53	4,821	10,036	181.05	5,185	12,637
180.54	4,828	10,084	181.06	5,193	12,689
180.55	4,835	10,133	181.07	5,200	12,741
180.56	4,842	10,181	181.08	5,207	12,793
180.57	4,849	10,229	181.09	5,215	12,845
180.58	4,856	10,278	181.10	5,222	12,898
180.59	4,863	10,327	181.11	5,229	12,950

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	5,236	13,002	181.64	5,615	15,823
181.13	5,244	13,055	181.65	5,622	15,880
181.14	5,251	13,107	181.66	5,629	15,936
181.15	5,258	13,160	181.67	5,637	15,992
181.16	5,265	13,212	181.68	5,644	16,049
181.17	5,273	13,265	181.69	5,651	16,105
181.18	5,280	13,318	181.70	5,659	16,162
181.19	5,287	13,370	181.71	5,666	16,218
181.20	5,295	13,423	181.72	5,673	16,275
181.21	5,302	13,476	181.73	5,680	16,332
181.22	5,309	13,529	181.74	5,688	16,389
181.23	5,316	13,583	181.75	5,695	16,446
181.24	5,324	13,636	181.76	5,702	16,502
181.25	5,331	13,689	181.77	5,710	16,560
181.26	5,338	13,742	181.78	5,717	16,617
181.27	5,346	13,796	181.79	5,724	16,674
181.28	5,353	13,849	181.80	5,731	16,731
181.29	5,360	13,903	181.81	5,739	16,789
181.30	5,367	13,956	181.82	5,746	16,846
181.31	5,375	14,010	181.83	5,753	16,903
181.32	5,382	14,064	181.84	5,761	16,961
181.33	5,389	14,118	181.85	5,768	17,019
181.34	5,397	14,172	181.86	5,775	17,076
181.35	5,404	14,226	181.87	5,782	17,134
181.36	5,411	14,280	181.88	5,790	17,192
181.37	5,418	14,334	181.89	5,797	17,250
181.38	5,426	14,388	181.90	5,804	17,308
181.39	5,433	14,442	181.91	5,811	17,366
181.40	5,440	14,497	181.92	5,819	17,424
181.41	5,447	14,551	181.93	5,826	17,482
181.42	5,455	14,606	181.94	5,833	17,541
181.43	5,462	14,660	181.95	5,841	17,599
181.44	5,469	14,715	181.96	5,848	17,658
181.45	5,477	14,770	181.97	5,855	17,716
181.46	5,484	14,825	181.98	5,862	17,775
181.47	5,491	14,879	181.99	5,870	17,833
181.48	5,498	14,934	182.00	5,877	17,892
181.49	5,506	14,989			
181.50	5,513	15,045			
181.51	5,520	15,100			
181.52	5,528	15,155			
181.53	5,535	15,210			
181.54	5,542	15,266			
181.55	5,549	15,321			
181.56	5,557	15,377			
181.57	5,564	15,432			
181.58	5,571	15,488			
181.59	5,579	15,544			
181.60	5,586	15,599			
181.61	5,593	15,655			
181.62	5,600	15,711			
181.63	5,608	15,767			

Summary for Pond B-17A: Basin #17A

Inflow Area = 1.324 ac, 14.58% Impervious, Inflow Depth = 3.40" for Future 10 yr event
 Inflow = 4.80 cfs @ 12.18 hrs, Volume= 0.375 af
 Outflow = 0.19 cfs @ 15.05 hrs, Volume= 0.328 af, Atten= 96%, Lag= 172.2 min
 Primary = 0.19 cfs @ 15.05 hrs, Volume= 0.328 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.69' @ 15.05 hrs Surf.Area= 7,223 sf Storage= 10,716 cf

Plug-Flow detention time= 646.7 min calculated for 0.328 af (87% of inflow)
 Center-of-Mass det. time= 587.0 min (1,403.5 - 816.4)

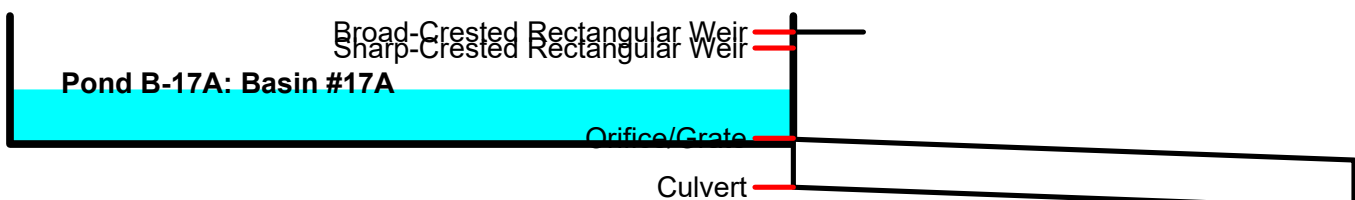
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	30,377 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	5,508	0	0
180.00	6,502	6,005	6,005
181.00	7,552	7,027	13,032
182.00	8,658	8,105	21,137
183.00	9,821	9,240	30,377

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

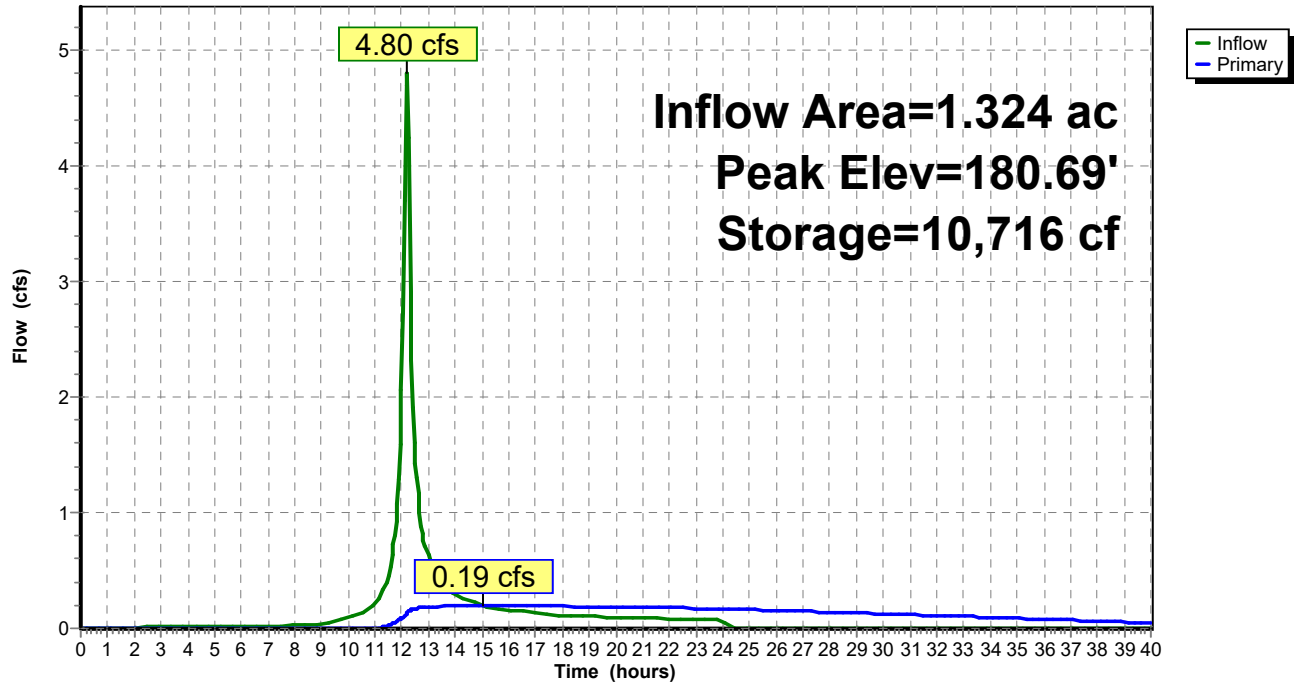
Primary OutFlow Max=0.19 cfs @ 15.05 hrs HW=180.69' (Free Discharge)

- 1=Culvert (Passes 0.19 cfs of 12.87 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.70 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-17A: Basin #17A

Hydrograph



Hydrograph for Pond B-17A: Basin #17A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	0	179.00	0.00
1.00	0.00	1	179.00	0.00
1.10	0.00	1	179.00	0.00
1.20	0.00	2	179.00	0.00
1.30	0.00	3	179.00	0.00
1.40	0.00	4	179.00	0.00
1.50	0.00	6	179.00	0.00
1.60	0.00	8	179.00	0.00
1.70	0.01	9	179.00	0.00
1.80	0.01	11	179.00	0.00
1.90	0.01	13	179.00	0.00
2.00	0.01	16	179.00	0.00
2.10	0.01	18	179.00	0.00
2.20	0.01	21	179.00	0.00
2.30	0.01	23	179.00	0.00
2.40	0.01	26	179.00	0.00
2.50	0.01	29	179.01	0.00
2.60	0.01	32	179.01	0.00
2.70	0.01	35	179.01	0.00
2.80	0.01	39	179.01	0.00
2.90	0.01	42	179.01	0.00
3.00	0.01	46	179.01	0.00
3.10	0.01	49	179.01	0.00
3.20	0.01	53	179.01	0.00
3.30	0.01	57	179.01	0.00
3.40	0.01	61	179.01	0.00
3.50	0.01	65	179.01	0.00
3.60	0.01	69	179.01	0.00
3.70	0.01	73	179.01	0.00
3.80	0.01	77	179.01	0.00
3.90	0.01	81	179.01	0.00
4.00	0.01	86	179.02	0.00
4.10	0.01	90	179.02	0.00
4.20	0.01	95	179.02	0.00
4.30	0.01	100	179.02	0.00
4.40	0.01	104	179.02	0.00
4.50	0.01	109	179.02	0.00
4.60	0.01	114	179.02	0.00
4.70	0.01	119	179.02	0.00
4.80	0.01	124	179.02	0.00
4.90	0.01	129	179.02	0.00
5.00	0.01	134	179.02	0.00
5.10	0.01	139	179.03	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	144	179.03	0.00
5.30	0.01	150	179.03	0.00
5.40	0.02	155	179.03	0.00
5.50	0.02	161	179.03	0.00
5.60	0.02	166	179.03	0.00
5.70	0.02	172	179.03	0.00
5.80	0.02	177	179.03	0.00
5.90	0.02	183	179.03	0.00
6.00	0.02	189	179.03	0.00
6.10	0.02	195	179.04	0.00
6.20	0.02	201	179.04	0.00
6.30	0.02	207	179.04	0.00
6.40	0.02	213	179.04	0.00
6.50	0.02	219	179.04	0.00
6.60	0.02	226	179.04	0.00
6.70	0.02	233	179.04	0.00
6.80	0.02	240	179.04	0.00
6.90	0.02	247	179.04	0.00
7.00	0.02	254	179.05	0.00
7.10	0.02	261	179.05	0.00
7.20	0.02	269	179.05	0.00
7.30	0.02	277	179.05	0.00
7.40	0.02	285	179.05	0.00
7.50	0.02	293	179.05	0.00
7.60	0.02	301	179.05	0.00
7.70	0.02	310	179.06	0.00
7.80	0.02	318	179.06	0.00
7.90	0.02	327	179.06	0.00
8.00	0.03	336	179.06	0.00
8.10	0.03	345	179.06	0.00
8.20	0.03	354	179.06	0.00
8.30	0.03	364	179.07	0.00
8.40	0.03	375	179.07	0.00
8.50	0.03	386	179.07	0.00
8.60	0.03	397	179.07	0.00
8.70	0.04	410	179.07	0.00
8.80	0.04	423	179.08	0.00
8.90	0.04	437	179.08	0.00
9.00	0.04	452	179.08	0.00
9.10	0.04	467	179.08	0.00
9.20	0.05	484	179.09	0.00
9.30	0.05	502	179.09	0.00
9.40	0.06	522	179.09	0.00
9.50	0.06	543	179.10	0.00
9.60	0.07	566	179.10	0.00
9.70	0.07	591	179.11	0.00
9.80	0.08	618	179.11	0.00
9.90	0.08	647	179.12	0.00
10.00	0.09	678	179.12	0.00
10.10	0.10	711	179.13	0.00
10.20	0.10	747	179.13	0.00
10.30	0.11	785	179.14	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	825	179.15	0.00
10.50	0.12	868	179.16	0.00
10.60	0.13	915	179.16	0.00
10.70	0.15	966	179.17	0.00
10.80	0.17	1,024	179.18	0.00
10.90	0.19	1,089	179.19	0.00
11.00	0.22	1,163	179.21	0.00
11.10	0.25	1,244	179.22	0.00
11.20	0.29	1,338	179.24	0.01
11.30	0.33	1,445	179.26	0.01
11.40	0.38	1,568	179.28	0.02
11.50	0.43	1,706	179.30	0.02
11.60	0.54	1,866	179.33	0.03
11.70	0.73	2,081	179.37	0.05
11.80	0.92	2,355	179.41	0.06
11.90	1.29	2,724	179.47	0.07
12.00	2.06	3,282	179.57	0.09
12.10	3.70	4,256	179.73	0.11
12.20	4.69	5,810	179.97	0.14
12.30	2.91	7,124	180.17	0.15
12.40	1.91	7,918	180.29	0.16
12.50	1.42	8,447	180.36	0.17
12.60	1.16	8,851	180.42	0.18
12.70	0.88	9,151	180.47	0.18
12.80	0.76	9,380	180.50	0.18
12.90	0.69	9,576	180.53	0.18
13.00	0.62	9,746	180.55	0.18
13.10	0.56	9,892	180.57	0.19
13.20	0.50	10,015	180.59	0.19
13.30	0.46	10,120	180.60	0.19
13.40	0.42	10,211	180.62	0.19
13.50	0.39	10,289	180.63	0.19
13.60	0.35	10,354	180.64	0.19
13.70	0.33	10,407	180.64	0.19
13.80	0.31	10,453	180.65	0.19
13.90	0.30	10,493	180.66	0.19
14.00	0.29	10,530	180.66	0.19
14.10	0.28	10,564	180.67	0.19
14.20	0.27	10,594	180.67	0.19
14.30	0.26	10,621	180.67	0.19
14.40	0.25	10,645	180.68	0.19
14.50	0.25	10,665	180.68	0.19
14.60	0.24	10,682	180.68	0.19
14.70	0.23	10,695	180.68	0.19
14.80	0.22	10,705	180.69	0.19
14.90	0.21	10,712	180.69	0.19
15.00	0.20	10,715	180.69	0.19
15.10	0.19	10,715	180.69	0.19
15.20	0.18	10,712	180.69	0.19
15.30	0.18	10,707	180.69	0.19
15.40	0.17	10,700	180.68	0.19
15.50	0.17	10,693	180.68	0.19

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	10,685	180.68	0.19
15.70	0.17	10,676	180.68	0.19
15.80	0.16	10,666	180.68	0.19
15.90	0.16	10,655	180.68	0.19
16.00	0.16	10,643	180.68	0.19
16.10	0.16	10,631	180.67	0.19
16.20	0.16	10,617	180.67	0.19
16.30	0.15	10,603	180.67	0.19
16.40	0.15	10,588	180.67	0.19
16.50	0.15	10,573	180.67	0.19
16.60	0.15	10,556	180.66	0.19
16.70	0.14	10,539	180.66	0.19
16.80	0.14	10,520	180.66	0.19
16.90	0.14	10,501	180.66	0.19
17.00	0.14	10,481	180.65	0.19
17.10	0.13	10,460	180.65	0.19
17.20	0.13	10,439	180.65	0.19
17.30	0.13	10,417	180.64	0.19
17.40	0.13	10,393	180.64	0.19
17.50	0.12	10,369	180.64	0.19
17.60	0.12	10,344	180.63	0.19
17.70	0.12	10,319	180.63	0.19
17.80	0.12	10,292	180.63	0.19
17.90	0.11	10,265	180.62	0.19
18.00	0.11	10,237	180.62	0.19
18.10	0.11	10,208	180.62	0.19
18.20	0.11	10,178	180.61	0.19
18.30	0.10	10,148	180.61	0.19
18.40	0.10	10,117	180.60	0.19
18.50	0.10	10,087	180.60	0.19
18.60	0.10	10,056	180.59	0.19
18.70	0.10	10,025	180.59	0.19
18.80	0.10	9,995	180.59	0.19
18.90	0.10	9,964	180.58	0.19
19.00	0.10	9,933	180.58	0.19
19.10	0.10	9,901	180.57	0.19
19.20	0.10	9,870	180.57	0.19
19.30	0.10	9,839	180.56	0.19
19.40	0.10	9,807	180.56	0.19
19.50	0.10	9,776	180.56	0.19
19.60	0.10	9,744	180.55	0.18
19.70	0.10	9,712	180.55	0.18
19.80	0.10	9,680	180.54	0.18
19.90	0.10	9,648	180.54	0.18
20.00	0.09	9,616	180.53	0.18
20.10	0.09	9,584	180.53	0.18
20.20	0.09	9,552	180.52	0.18
20.30	0.09	9,520	180.52	0.18
20.40	0.09	9,487	180.51	0.18
20.50	0.09	9,454	180.51	0.18
20.60	0.09	9,422	180.50	0.18
20.70	0.09	9,389	180.50	0.18

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	9,356	180.50	0.18
20.90	0.09	9,323	180.49	0.18
21.00	0.09	9,290	180.49	0.18
21.10	0.09	9,257	180.48	0.18
21.20	0.09	9,223	180.48	0.18
21.30	0.09	9,190	180.47	0.18
21.40	0.09	9,157	180.47	0.18
21.50	0.08	9,123	180.46	0.18
21.60	0.08	9,089	180.46	0.18
21.70	0.08	9,056	180.45	0.18
21.80	0.08	9,022	180.45	0.18
21.90	0.08	8,988	180.44	0.18
22.00	0.08	8,954	180.44	0.18
22.10	0.08	8,919	180.43	0.18
22.20	0.08	8,885	180.43	0.18
22.30	0.08	8,851	180.42	0.18
22.40	0.08	8,817	180.42	0.17
22.50	0.08	8,782	180.41	0.17
22.60	0.08	8,747	180.41	0.17
22.70	0.08	8,713	180.40	0.17
22.80	0.08	8,678	180.40	0.17
22.90	0.08	8,643	180.39	0.17
23.00	0.08	8,608	180.39	0.17
23.10	0.07	8,573	180.38	0.17
23.20	0.07	8,538	180.38	0.17
23.30	0.07	8,503	180.37	0.17
23.40	0.07	8,467	180.37	0.17
23.50	0.07	8,432	180.36	0.17
23.60	0.07	8,396	180.36	0.17
23.70	0.07	8,361	180.35	0.17
23.80	0.07	8,325	180.35	0.17
23.90	0.07	8,289	180.34	0.17
24.00	0.07	8,254	180.34	0.17
24.10	0.06	8,219	180.33	0.17
24.20	0.02	8,172	180.32	0.17
24.30	0.00	8,116	180.32	0.17
24.40	0.00	8,057	180.31	0.17
24.50	0.00	7,997	180.30	0.17
24.60	0.00	7,938	180.29	0.16
24.70	0.00	7,879	180.28	0.16
24.80	0.00	7,820	180.27	0.16
24.90	0.00	7,761	180.26	0.16
25.00	0.00	7,703	180.26	0.16
25.10	0.00	7,645	180.25	0.16
25.20	0.00	7,587	180.24	0.16
25.30	0.00	7,529	180.23	0.16
25.40	0.00	7,472	180.22	0.16
25.50	0.00	7,415	180.21	0.16
25.60	0.00	7,358	180.20	0.16
25.70	0.00	7,301	180.20	0.16
25.80	0.00	7,245	180.19	0.16
25.90	0.00	7,189	180.18	0.16

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,133	180.17	0.15
26.10	0.00	7,078	180.16	0.15
26.20	0.00	7,022	180.15	0.15
26.30	0.00	6,967	180.15	0.15
26.40	0.00	6,913	180.14	0.15
26.50	0.00	6,858	180.13	0.15
26.60	0.00	6,804	180.12	0.15
26.70	0.00	6,750	180.11	0.15
26.80	0.00	6,696	180.11	0.15
26.90	0.00	6,643	180.10	0.15
27.00	0.00	6,590	180.09	0.15
27.10	0.00	6,537	180.08	0.15
27.20	0.00	6,484	180.07	0.15
27.30	0.00	6,432	180.07	0.15
27.40	0.00	6,380	180.06	0.14
27.50	0.00	6,328	180.05	0.14
27.60	0.00	6,276	180.04	0.14
27.70	0.00	6,225	180.03	0.14
27.80	0.00	6,174	180.03	0.14
27.90	0.00	6,123	180.02	0.14
28.00	0.00	6,073	180.01	0.14
28.10	0.00	6,023	180.00	0.14
28.20	0.00	5,973	180.00	0.14
28.30	0.00	5,923	179.99	0.14
28.40	0.00	5,874	179.98	0.14
28.50	0.00	5,825	179.97	0.14
28.60	0.00	5,776	179.96	0.14
28.70	0.00	5,727	179.96	0.13
28.80	0.00	5,679	179.95	0.13
28.90	0.00	5,631	179.94	0.13
29.00	0.00	5,583	179.93	0.13
29.10	0.00	5,535	179.93	0.13
29.20	0.00	5,488	179.92	0.13
29.30	0.00	5,441	179.91	0.13
29.40	0.00	5,394	179.91	0.13
29.50	0.00	5,348	179.90	0.13
29.60	0.00	5,302	179.89	0.13
29.70	0.00	5,256	179.88	0.13
29.80	0.00	5,210	179.88	0.13
29.90	0.00	5,165	179.87	0.13
30.00	0.00	5,120	179.86	0.12
30.10	0.00	5,075	179.86	0.12
30.20	0.00	5,031	179.85	0.12
30.30	0.00	4,986	179.84	0.12
30.40	0.00	4,942	179.83	0.12
30.50	0.00	4,899	179.83	0.12
30.60	0.00	4,855	179.82	0.12
30.70	0.00	4,812	179.81	0.12
30.80	0.00	4,769	179.81	0.12
30.90	0.00	4,727	179.80	0.12
31.00	0.00	4,684	179.79	0.12
31.10	0.00	4,642	179.79	0.12

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,601	179.78	0.12
31.30	0.00	4,559	179.77	0.11
31.40	0.00	4,518	179.77	0.11
31.50	0.00	4,477	179.76	0.11
31.60	0.00	4,436	179.75	0.11
31.70	0.00	4,396	179.75	0.11
31.80	0.00	4,356	179.74	0.11
31.90	0.00	4,316	179.73	0.11
32.00	0.00	4,277	179.73	0.11
32.10	0.00	4,237	179.72	0.11
32.20	0.00	4,198	179.72	0.11
32.30	0.00	4,160	179.71	0.11
32.40	0.00	4,121	179.70	0.11
32.50	0.00	4,083	179.70	0.11
32.60	0.00	4,045	179.69	0.10
32.70	0.00	4,008	179.69	0.10
32.80	0.00	3,971	179.68	0.10
32.90	0.00	3,934	179.67	0.10
33.00	0.00	3,897	179.67	0.10
33.10	0.00	3,860	179.66	0.10
33.20	0.00	3,824	179.66	0.10
33.30	0.00	3,788	179.65	0.10
33.40	0.00	3,753	179.64	0.10
33.50	0.00	3,718	179.64	0.10
33.60	0.00	3,683	179.63	0.10
33.70	0.00	3,648	179.63	0.10
33.80	0.00	3,613	179.62	0.10
33.90	0.00	3,579	179.62	0.09
34.00	0.00	3,545	179.61	0.09
34.10	0.00	3,512	179.60	0.09
34.20	0.00	3,479	179.60	0.09
34.30	0.00	3,446	179.59	0.09
34.40	0.00	3,413	179.59	0.09
34.50	0.00	3,380	179.58	0.09
34.60	0.00	3,348	179.58	0.09
34.70	0.00	3,316	179.57	0.09
34.80	0.00	3,285	179.57	0.09
34.90	0.00	3,254	179.56	0.09
35.00	0.00	3,223	179.56	0.09
35.10	0.00	3,192	179.55	0.08
35.20	0.00	3,161	179.55	0.08
35.30	0.00	3,131	179.54	0.08
35.40	0.00	3,101	179.54	0.08
35.50	0.00	3,072	179.53	0.08
35.60	0.00	3,043	179.53	0.08
35.70	0.00	3,014	179.52	0.08
35.80	0.00	2,985	179.52	0.08
35.90	0.00	2,957	179.51	0.08
36.00	0.00	2,928	179.51	0.08
36.10	0.00	2,901	179.50	0.08
36.20	0.00	2,873	179.50	0.08
36.30	0.00	2,846	179.49	0.08

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,819	179.49	0.07
36.50	0.00	2,792	179.49	0.07
36.60	0.00	2,766	179.48	0.07
36.70	0.00	2,740	179.48	0.07
36.80	0.00	2,714	179.47	0.07
36.90	0.00	2,689	179.47	0.07
37.00	0.00	2,663	179.46	0.07
37.10	0.00	2,639	179.46	0.07
37.20	0.00	2,614	179.46	0.07
37.30	0.00	2,590	179.45	0.07
37.40	0.00	2,566	179.45	0.07
37.50	0.00	2,542	179.44	0.07
37.60	0.00	2,518	179.44	0.06
37.70	0.00	2,495	179.44	0.06
37.80	0.00	2,472	179.43	0.06
37.90	0.00	2,450	179.43	0.06
38.00	0.00	2,428	179.42	0.06
38.10	0.00	2,406	179.42	0.06
38.20	0.00	2,384	179.42	0.06
38.30	0.00	2,363	179.41	0.06
38.40	0.00	2,342	179.41	0.06
38.50	0.00	2,321	179.41	0.06
38.60	0.00	2,301	179.40	0.06
38.70	0.00	2,280	179.40	0.06
38.80	0.00	2,260	179.40	0.05
38.90	0.00	2,241	179.39	0.05
39.00	0.00	2,222	179.39	0.05
39.10	0.00	2,203	179.39	0.05
39.20	0.00	2,184	179.38	0.05
39.30	0.00	2,166	179.38	0.05
39.40	0.00	2,148	179.38	0.05
39.50	0.00	2,130	179.37	0.05
39.60	0.00	2,112	179.37	0.05
39.70	0.00	2,095	179.37	0.05
39.80	0.00	2,078	179.37	0.05
39.90	0.00	2,062	179.36	0.05
40.00	0.00	2,045	179.36	0.05

Stage-Discharge for Pond B-17A: Basin #17A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	0.14	180.56	0.19
179.01	0.00	179.53	0.08	180.05	0.14	180.57	0.19
179.02	0.00	179.54	0.08	180.06	0.14	180.58	0.19
179.03	0.00	179.55	0.08	180.07	0.15	180.59	0.19
179.04	0.00	179.56	0.09	180.08	0.15	180.60	0.19
179.05	0.00	179.57	0.09	180.09	0.15	180.61	0.19
179.06	0.00	179.58	0.09	180.10	0.15	180.62	0.19
179.07	0.00	179.59	0.09	180.11	0.15	180.63	0.19
179.08	0.00	179.60	0.09	180.12	0.15	180.64	0.19
179.09	0.00	179.61	0.09	180.13	0.15	180.65	0.19
179.10	0.00	179.62	0.10	180.14	0.15	180.66	0.19
179.11	0.00	179.63	0.10	180.15	0.15	180.67	0.19
179.12	0.00	179.64	0.10	180.16	0.15	180.68	0.19
179.13	0.00	179.65	0.10	180.17	0.15	180.69	0.19
179.14	0.00	179.66	0.10	180.18	0.16	180.70	0.20
179.15	0.00	179.67	0.10	180.19	0.16	180.71	0.20
179.16	0.00	179.68	0.10	180.20	0.16	180.72	0.20
179.17	0.00	179.69	0.10	180.21	0.16	180.73	0.20
179.18	0.00	179.70	0.11	180.22	0.16	180.74	0.20
179.19	0.00	179.71	0.11	180.23	0.16	180.75	0.20
179.20	0.00	179.72	0.11	180.24	0.16	180.76	0.20
179.21	0.00	179.73	0.11	180.25	0.16	180.77	0.20
179.22	0.00	179.74	0.11	180.26	0.16	180.78	0.20
179.23	0.00	179.75	0.11	180.27	0.16	180.79	0.20
179.24	0.01	179.76	0.11	180.28	0.16	180.80	0.20
179.25	0.01	179.77	0.11	180.29	0.16	180.81	0.20
179.26	0.01	179.78	0.12	180.30	0.17	180.82	0.20
179.27	0.01	179.79	0.12	180.31	0.17	180.83	0.20
179.28	0.02	179.80	0.12	180.32	0.17	180.84	0.20
179.29	0.02	179.81	0.12	180.33	0.17	180.85	0.21
179.30	0.02	179.82	0.12	180.34	0.17	180.86	0.21
179.31	0.03	179.83	0.12	180.35	0.17	180.87	0.21
179.32	0.03	179.84	0.12	180.36	0.17	180.88	0.21
179.33	0.03	179.85	0.12	180.37	0.17	180.89	0.21
179.34	0.04	179.86	0.12	180.38	0.17	180.90	0.21
179.35	0.04	179.87	0.13	180.39	0.17	180.91	0.21
179.36	0.05	179.88	0.13	180.40	0.17	180.92	0.21
179.37	0.05	179.89	0.13	180.41	0.17	180.93	0.21
179.38	0.05	179.90	0.13	180.42	0.17	180.94	0.21
179.39	0.05	179.91	0.13	180.43	0.18	180.95	0.21
179.40	0.06	179.92	0.13	180.44	0.18	180.96	0.21
179.41	0.06	179.93	0.13	180.45	0.18	180.97	0.21
179.42	0.06	179.94	0.13	180.46	0.18	180.98	0.21
179.43	0.06	179.95	0.13	180.47	0.18	180.99	0.21
179.44	0.06	179.96	0.13	180.48	0.18	181.00	0.22
179.45	0.07	179.97	0.14	180.49	0.18	181.01	0.22
179.46	0.07	179.98	0.14	180.50	0.18	181.02	0.22
179.47	0.07	179.99	0.14	180.51	0.18	181.03	0.22
179.48	0.07	180.00	0.14	180.52	0.18	181.04	0.22
179.49	0.07	180.01	0.14	180.53	0.18	181.05	0.22
179.50	0.08	180.02	0.14	180.54	0.18	181.06	0.22
179.51	0.08	180.03	0.14	180.55	0.18	181.07	0.22

Stage-Discharge for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.22	181.60	0.25	182.12	0.82	182.64	12.95
181.09	0.22	181.61	0.25	182.13	0.89	182.65	13.78
181.10	0.22	181.62	0.25	182.14	0.96	182.66	14.63
181.11	0.22	181.63	0.25	182.15	1.03	182.67	15.50
181.12	0.22	181.64	0.25	182.16	1.11	182.68	16.40
181.13	0.22	181.65	0.25	182.17	1.19	182.69	17.32
181.14	0.22	181.66	0.25	182.18	1.27	182.70	18.26
181.15	0.22	181.67	0.25	182.19	1.35	182.71	19.26
181.16	0.22	181.68	0.25	182.20	1.44	182.72	20.29
181.17	0.23	181.69	0.25	182.21	1.53	182.73	21.35
181.18	0.23	181.70	0.26	182.22	1.62	182.74	22.43
181.19	0.23	181.71	0.26	182.23	1.71	182.75	23.54
181.20	0.23	181.72	0.26	182.24	1.80	182.76	24.67
181.21	0.23	181.73	0.26	182.25	1.90	182.77	25.83
181.22	0.23	181.74	0.26	182.26	1.99	182.78	27.01
181.23	0.23	181.75	0.26	182.27	2.09	182.79	28.23
181.24	0.23	181.76	0.26	182.28	2.19	182.80	29.46
181.25	0.23	181.77	0.26	182.29	2.30	182.81	30.72
181.26	0.23	181.78	0.26	182.30	2.40	182.82	32.01
181.27	0.23	181.79	0.26	182.31	2.51	182.83	33.32
181.28	0.23	181.80	0.26	182.32	2.62	182.84	34.66
181.29	0.23	181.81	0.26	182.33	2.73	182.85	36.02
181.30	0.23	181.82	0.26	182.34	2.84	182.86	37.41
181.31	0.23	181.83	0.26	182.35	2.95	182.87	38.82
181.32	0.23	181.84	0.26	182.36	3.06	182.88	40.26
181.33	0.23	181.85	0.26	182.37	3.18	182.89	41.72
181.34	0.24	181.86	0.26	182.38	3.29	182.90	43.21
181.35	0.24	181.87	0.26	182.39	3.41	182.91	44.75
181.36	0.24	181.88	0.26	182.40	3.53	182.92	46.31
181.37	0.24	181.89	0.26	182.41	3.65	182.93	47.90
181.38	0.24	181.90	0.27	182.42	3.78	182.94	49.52
181.39	0.24	181.91	0.27	182.43	3.90	182.95	51.17
181.40	0.24	181.92	0.27	182.44	4.03	182.96	52.84
181.41	0.24	181.93	0.27	182.45	4.15	182.97	54.54
181.42	0.24	181.94	0.27	182.46	4.28	182.98	56.27
181.43	0.24	181.95	0.27	182.47	4.41	182.99	58.03
181.44	0.24	181.96	0.27	182.48	4.54	183.00	59.81
181.45	0.24	181.97	0.27	182.49	4.67		
181.46	0.24	181.98	0.27	182.50	4.80		
181.47	0.24	181.99	0.27	182.51	5.05		
181.48	0.24	182.00	0.27	182.52	5.40		
181.49	0.24	182.01	0.28	182.53	5.82		
181.50	0.24	182.02	0.31	182.54	6.28		
181.51	0.24	182.03	0.34	182.55	6.80		
181.52	0.25	182.04	0.38	182.56	7.35		
181.53	0.25	182.05	0.42	182.57	7.94		
181.54	0.25	182.06	0.47	182.58	8.57		
181.55	0.25	182.07	0.52	182.59	9.22		
181.56	0.25	182.08	0.57	182.60	9.91		
181.57	0.25	182.09	0.63	182.61	10.63		
181.58	0.25	182.10	0.69	182.62	11.38		
181.59	0.25	182.11	0.75	182.63	12.15		

Stage-Area-Storage for Pond B-17A: Basin #17A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	5,508	0	179.52	6,025	2,999
179.01	5,518	55	179.53	6,035	3,059
179.02	5,528	110	179.54	6,045	3,119
179.03	5,538	166	179.55	6,055	3,180
179.04	5,548	221	179.56	6,065	3,240
179.05	5,558	277	179.57	6,075	3,301
179.06	5,568	332	179.58	6,085	3,362
179.07	5,578	388	179.59	6,094	3,423
179.08	5,588	444	179.60	6,104	3,484
179.09	5,597	500	179.61	6,114	3,545
179.10	5,607	556	179.62	6,124	3,606
179.11	5,617	612	179.63	6,134	3,667
179.12	5,627	668	179.64	6,144	3,729
179.13	5,637	724	179.65	6,154	3,790
179.14	5,647	781	179.66	6,164	3,852
179.15	5,657	837	179.67	6,174	3,913
179.16	5,667	894	179.68	6,184	3,975
179.17	5,677	951	179.69	6,194	4,037
179.18	5,687	1,008	179.70	6,204	4,099
179.19	5,697	1,064	179.71	6,214	4,161
179.20	5,707	1,121	179.72	6,224	4,223
179.21	5,717	1,179	179.73	6,234	4,286
179.22	5,727	1,236	179.74	6,244	4,348
179.23	5,737	1,293	179.75	6,254	4,411
179.24	5,747	1,351	179.76	6,263	4,473
179.25	5,757	1,408	179.77	6,273	4,536
179.26	5,766	1,466	179.78	6,283	4,599
179.27	5,776	1,523	179.79	6,293	4,661
179.28	5,786	1,581	179.80	6,303	4,724
179.29	5,796	1,639	179.81	6,313	4,788
179.30	5,806	1,697	179.82	6,323	4,851
179.31	5,816	1,755	179.83	6,333	4,914
179.32	5,826	1,813	179.84	6,343	4,977
179.33	5,836	1,872	179.85	6,353	5,041
179.34	5,846	1,930	179.86	6,363	5,104
179.35	5,856	1,989	179.87	6,373	5,168
179.36	5,866	2,047	179.88	6,383	5,232
179.37	5,876	2,106	179.89	6,393	5,296
179.38	5,886	2,165	179.90	6,403	5,360
179.39	5,896	2,224	179.91	6,413	5,424
179.40	5,906	2,283	179.92	6,422	5,488
179.41	5,916	2,342	179.93	6,432	5,552
179.42	5,925	2,401	179.94	6,442	5,617
179.43	5,935	2,460	179.95	6,452	5,681
179.44	5,945	2,520	179.96	6,462	5,746
179.45	5,955	2,579	179.97	6,472	5,810
179.46	5,965	2,639	179.98	6,482	5,875
179.47	5,975	2,699	179.99	6,492	5,940
179.48	5,985	2,758	180.00	6,502	6,005
179.49	5,995	2,818	180.01	6,512	6,070
179.50	6,005	2,878	180.02	6,523	6,135
179.51	6,015	2,938	180.03	6,534	6,201

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	6,544	6,266	180.56	7,090	9,811
180.05	6,555	6,331	180.57	7,100	9,882
180.06	6,565	6,397	180.58	7,111	9,953
180.07	6,575	6,463	180.59	7,122	10,024
180.08	6,586	6,529	180.60	7,132	10,095
180.09	6,597	6,594	180.61	7,143	10,167
180.10	6,607	6,660	180.62	7,153	10,238
180.11	6,618	6,727	180.63	7,163	10,310
180.12	6,628	6,793	180.64	7,174	10,381
180.13	6,638	6,859	180.65	7,185	10,453
180.14	6,649	6,926	180.66	7,195	10,525
180.15	6,660	6,992	180.67	7,205	10,597
180.16	6,670	7,059	180.68	7,216	10,669
180.17	6,680	7,126	180.69	7,226	10,741
180.18	6,691	7,192	180.70	7,237	10,814
180.19	6,701	7,259	180.71	7,248	10,886
180.20	6,712	7,326	180.72	7,258	10,959
180.21	6,723	7,394	180.73	7,268	11,031
180.22	6,733	7,461	180.74	7,279	11,104
180.23	6,743	7,528	180.75	7,290	11,177
180.24	6,754	7,596	180.76	7,300	11,250
180.25	6,765	7,663	180.77	7,311	11,323
180.26	6,775	7,731	180.78	7,321	11,396
180.27	6,786	7,799	180.79	7,331	11,469
180.28	6,796	7,867	180.80	7,342	11,543
180.29	6,806	7,935	180.81	7,353	11,616
180.30	6,817	8,003	180.82	7,363	11,690
180.31	6,828	8,071	180.83	7,374	11,763
180.32	6,838	8,139	180.84	7,384	11,837
180.33	6,849	8,208	180.85	7,394	11,911
180.34	6,859	8,276	180.86	7,405	11,985
180.35	6,869	8,345	180.87	7,416	12,059
180.36	6,880	8,414	180.88	7,426	12,133
180.37	6,891	8,483	180.89	7,436	12,208
180.38	6,901	8,552	180.90	7,447	12,282
180.39	6,911	8,621	180.91	7,457	12,357
180.40	6,922	8,690	180.92	7,468	12,431
180.41	6,932	8,759	180.93	7,479	12,506
180.42	6,943	8,828	180.94	7,489	12,581
180.43	6,954	8,898	180.95	7,499	12,656
180.44	6,964	8,968	180.96	7,510	12,731
180.45	6,974	9,037	180.97	7,520	12,806
180.46	6,985	9,107	180.98	7,531	12,881
180.47	6,995	9,177	180.99	7,542	12,957
180.48	7,006	9,247	181.00	7,552	13,032
180.49	7,017	9,317	181.01	7,563	13,108
180.50	7,027	9,387	181.02	7,574	13,183
180.51	7,037	9,458	181.03	7,585	13,259
180.52	7,048	9,528	181.04	7,596	13,335
180.53	7,059	9,599	181.05	7,607	13,411
180.54	7,069	9,669	181.06	7,618	13,487
180.55	7,080	9,740	181.07	7,629	13,563

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	7,640	13,640	181.60	8,216	17,762
181.09	7,652	13,716	181.61	8,227	17,844
181.10	7,663	13,793	181.62	8,238	17,927
181.11	7,674	13,869	181.63	8,249	18,009
181.12	7,685	13,946	181.64	8,260	18,092
181.13	7,696	14,023	181.65	8,271	18,174
181.14	7,707	14,100	181.66	8,282	18,257
181.15	7,718	14,177	181.67	8,293	18,340
181.16	7,729	14,254	181.68	8,304	18,423
181.17	7,740	14,332	181.69	8,315	18,506
181.18	7,751	14,409	181.70	8,326	18,589
181.19	7,762	14,487	181.71	8,337	18,673
181.20	7,773	14,565	181.72	8,348	18,756
181.21	7,784	14,642	181.73	8,359	18,840
181.22	7,795	14,720	181.74	8,370	18,923
181.23	7,806	14,798	181.75	8,382	19,007
181.24	7,817	14,876	181.76	8,393	19,091
181.25	7,829	14,955	181.77	8,404	19,175
181.26	7,840	15,033	181.78	8,415	19,259
181.27	7,851	15,111	181.79	8,426	19,343
181.28	7,862	15,190	181.80	8,437	19,428
181.29	7,873	15,269	181.81	8,448	19,512
181.30	7,884	15,347	181.82	8,459	19,596
181.31	7,895	15,426	181.83	8,470	19,681
181.32	7,906	15,505	181.84	8,481	19,766
181.33	7,917	15,584	181.85	8,492	19,851
181.34	7,928	15,664	181.86	8,503	19,936
181.35	7,939	15,743	181.87	8,514	20,021
181.36	7,950	15,822	181.88	8,525	20,106
181.37	7,961	15,902	181.89	8,536	20,191
181.38	7,972	15,982	181.90	8,547	20,277
181.39	7,983	16,061	181.91	8,558	20,362
181.40	7,994	16,141	181.92	8,570	20,448
181.41	8,005	16,221	181.93	8,581	20,534
181.42	8,017	16,301	181.94	8,592	20,620
181.43	8,028	16,382	181.95	8,603	20,705
181.44	8,039	16,462	181.96	8,614	20,792
181.45	8,050	16,542	181.97	8,625	20,878
181.46	8,061	16,623	181.98	8,636	20,964
181.47	8,072	16,704	181.99	8,647	21,050
181.48	8,083	16,784	182.00	8,658	21,137
181.49	8,094	16,865	182.01	8,670	21,224
181.50	8,105	16,946	182.02	8,681	21,310
181.51	8,116	17,027	182.03	8,693	21,397
181.52	8,127	17,109	182.04	8,705	21,484
181.53	8,138	17,190	182.05	8,716	21,571
181.54	8,149	17,271	182.06	8,728	21,659
181.55	8,160	17,353	182.07	8,739	21,746
181.56	8,171	17,435	182.08	8,751	21,833
181.57	8,182	17,516	182.09	8,763	21,921
181.58	8,193	17,598	182.10	8,774	22,009
181.59	8,205	17,680	182.11	8,786	22,096

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	8,798	22,184	182.64	9,402	26,916
182.13	8,809	22,272	182.65	9,414	27,010
182.14	8,821	22,361	182.66	9,426	27,105
182.15	8,832	22,449	182.67	9,437	27,199
182.16	8,844	22,537	182.68	9,449	27,293
182.17	8,856	22,626	182.69	9,460	27,388
182.18	8,867	22,714	182.70	9,472	27,483
182.19	8,879	22,803	182.71	9,484	27,577
182.20	8,891	22,892	182.72	9,495	27,672
182.21	8,902	22,981	182.73	9,507	27,767
182.22	8,914	23,070	182.74	9,519	27,862
182.23	8,925	23,159	182.75	9,530	27,958
182.24	8,937	23,248	182.76	9,542	28,053
182.25	8,949	23,338	182.77	9,554	28,148
182.26	8,960	23,427	182.78	9,565	28,244
182.27	8,972	23,517	182.79	9,577	28,340
182.28	8,984	23,607	182.80	9,588	28,436
182.29	8,995	23,697	182.81	9,600	28,532
182.30	9,007	23,787	182.82	9,612	28,628
182.31	9,019	23,877	182.83	9,623	28,724
182.32	9,030	23,967	182.84	9,635	28,820
182.33	9,042	24,057	182.85	9,647	28,916
182.34	9,053	24,148	182.86	9,658	29,013
182.35	9,065	24,239	182.87	9,670	29,110
182.36	9,077	24,329	182.88	9,681	29,206
182.37	9,088	24,420	182.89	9,693	29,303
182.38	9,100	24,511	182.90	9,705	29,400
182.39	9,112	24,602	182.91	9,716	29,497
182.40	9,123	24,693	182.92	9,728	29,595
182.41	9,135	24,785	182.93	9,740	29,692
182.42	9,146	24,876	182.94	9,751	29,789
182.43	9,158	24,967	182.95	9,763	29,887
182.44	9,170	25,059	182.96	9,774	29,985
182.45	9,181	25,151	182.97	9,786	30,082
182.46	9,193	25,243	182.98	9,798	30,180
182.47	9,205	25,335	182.99	9,809	30,278
182.48	9,216	25,427	183.00	9,821	30,377
182.49	9,228	25,519			
182.50	9,240	25,611			
182.51	9,251	25,704			
182.52	9,263	25,796			
182.53	9,274	25,889			
182.54	9,286	25,982			
182.55	9,298	26,075			
182.56	9,309	26,168			
182.57	9,321	26,261			
182.58	9,333	26,354			
182.59	9,344	26,448			
182.60	9,356	26,541			
182.61	9,367	26,635			
182.62	9,379	26,728			
182.63	9,391	26,822			

Summary for Pond B-17B: Basin #17B

Inflow Area = 1.385 ac, 37.11% Impervious, Inflow Depth = 3.97" for Future 10 yr event
 Inflow = 5.64 cfs @ 12.17 hrs, Volume= 0.458 af
 Outflow = 0.19 cfs @ 15.46 hrs, Volume= 0.352 af, Atten= 97%, Lag= 196.9 min
 Primary = 0.19 cfs @ 15.46 hrs, Volume= 0.352 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.78' @ 15.46 hrs Surf.Area= 8,991 sf Storage= 14,047 cf

Plug-Flow detention time= 745.0 min calculated for 0.352 af (77% of inflow)
 Center-of-Mass det. time= 657.0 min (1,448.8 - 791.9)

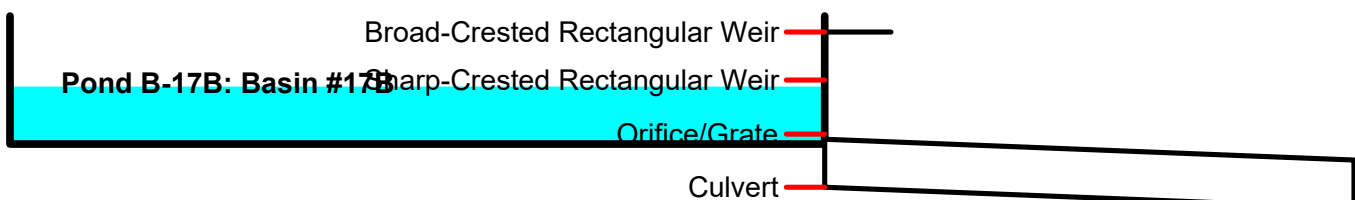
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	37,242 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	6,855	0	0
180.00	8,033	7,444	7,444
181.00	9,268	8,651	16,095
182.00	10,560	9,914	26,009
183.00	11,907	11,234	37,242

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.31'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

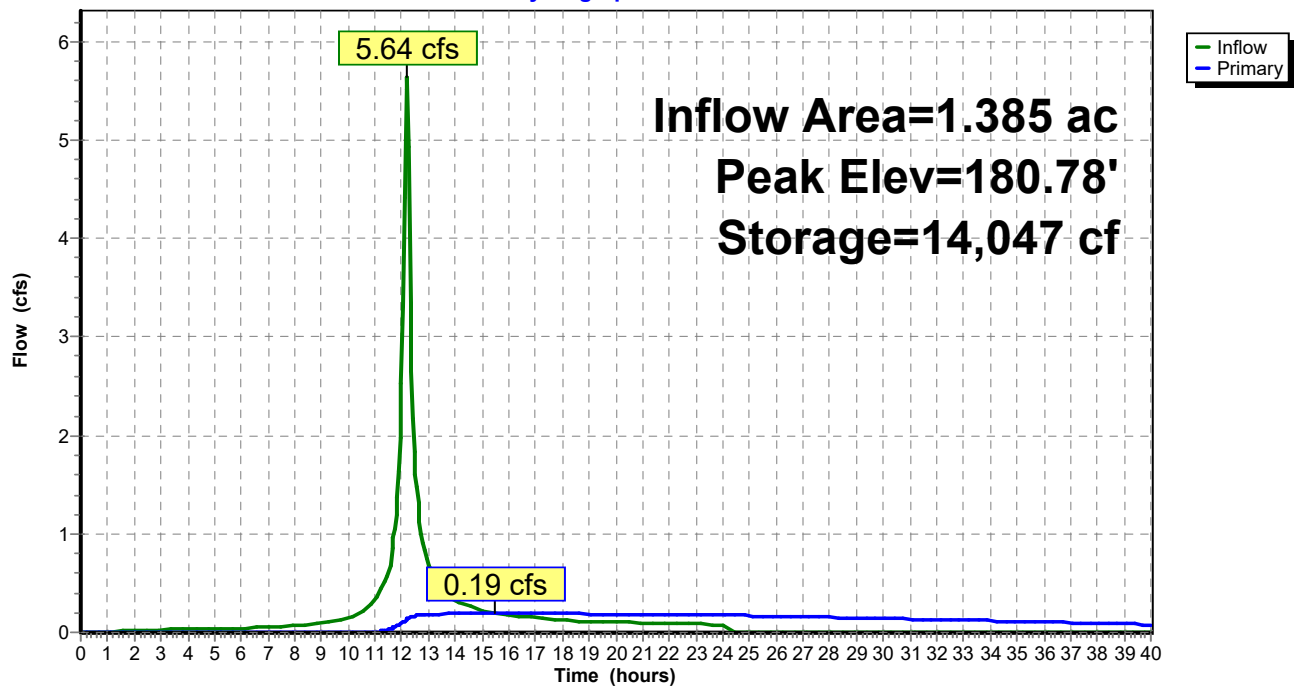
Primary OutFlow Max=0.19 cfs @ 15.46 hrs HW=180.78' (Free Discharge)

1=Culvert (Passes 0.19 cfs of 13.11 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.62 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-17B: Basin #17B

Hydrograph



Hydrograph for Pond B-17B: Basin #17B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	1	179.00	0.00
1.00	0.00	2	179.00	0.00
1.10	0.01	3	179.00	0.00
1.20	0.01	6	179.00	0.00
1.30	0.01	8	179.00	0.00
1.40	0.01	12	179.00	0.00
1.50	0.01	16	179.00	0.00
1.60	0.01	20	179.00	0.00
1.70	0.01	25	179.00	0.00
1.80	0.02	30	179.00	0.00
1.90	0.02	36	179.01	0.00
2.00	0.02	42	179.01	0.00
2.10	0.02	48	179.01	0.00
2.20	0.02	55	179.01	0.00
2.30	0.02	62	179.01	0.00
2.40	0.02	70	179.01	0.00
2.50	0.02	78	179.01	0.00
2.60	0.02	86	179.01	0.00
2.70	0.02	94	179.01	0.00
2.80	0.02	103	179.02	0.00
2.90	0.03	112	179.02	0.00
3.00	0.03	122	179.02	0.00
3.10	0.03	131	179.02	0.00
3.20	0.03	141	179.02	0.00
3.30	0.03	151	179.02	0.00
3.40	0.03	162	179.02	0.00
3.50	0.03	172	179.03	0.00
3.60	0.03	183	179.03	0.00
3.70	0.03	194	179.03	0.00
3.80	0.03	206	179.03	0.00
3.90	0.03	217	179.03	0.00
4.00	0.03	229	179.03	0.00
4.10	0.03	241	179.03	0.00
4.20	0.03	253	179.04	0.00
4.30	0.03	265	179.04	0.00
4.40	0.04	278	179.04	0.00
4.50	0.04	291	179.04	0.00
4.60	0.04	303	179.04	0.00
4.70	0.04	317	179.05	0.00
4.80	0.04	330	179.05	0.00
4.90	0.04	343	179.05	0.00
5.00	0.04	357	179.05	0.00
5.10	0.04	371	179.05	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	385	179.06	0.00
5.30	0.04	399	179.06	0.00
5.40	0.04	413	179.06	0.00
5.50	0.04	428	179.06	0.00
5.60	0.04	443	179.06	0.00
5.70	0.04	457	179.07	0.00
5.80	0.04	472	179.07	0.00
5.90	0.04	488	179.07	0.00
6.00	0.04	503	179.07	0.00
6.10	0.04	518	179.08	0.00
6.20	0.04	534	179.08	0.00
6.30	0.05	550	179.08	0.00
6.40	0.05	567	179.08	0.00
6.50	0.05	584	179.08	0.00
6.60	0.05	602	179.09	0.00
6.70	0.05	620	179.09	0.00
6.80	0.05	638	179.09	0.00
6.90	0.05	657	179.10	0.00
7.00	0.05	676	179.10	0.00
7.10	0.06	696	179.10	0.00
7.20	0.06	716	179.10	0.00
7.30	0.06	737	179.11	0.00
7.40	0.06	758	179.11	0.00
7.50	0.06	780	179.11	0.00
7.60	0.06	802	179.12	0.00
7.70	0.06	824	179.12	0.00
7.80	0.06	847	179.12	0.00
7.90	0.07	871	179.13	0.00
8.00	0.07	895	179.13	0.00
8.10	0.07	919	179.13	0.00
8.20	0.07	944	179.14	0.00
8.30	0.07	969	179.14	0.00
8.40	0.07	996	179.14	0.00
8.50	0.08	1,023	179.15	0.00
8.60	0.08	1,051	179.15	0.00
8.70	0.08	1,079	179.16	0.00
8.80	0.08	1,109	179.16	0.00
8.90	0.09	1,140	179.16	0.00
9.00	0.09	1,171	179.17	0.00
9.10	0.09	1,204	179.17	0.00
9.20	0.10	1,238	179.18	0.00
9.30	0.10	1,274	179.18	0.00
9.40	0.11	1,313	179.19	0.00
9.50	0.12	1,354	179.19	0.00
9.60	0.12	1,398	179.20	0.00
9.70	0.13	1,444	179.21	0.00
9.80	0.14	1,493	179.21	0.00
9.90	0.15	1,544	179.22	0.00
10.00	0.16	1,598	179.23	0.00
10.10	0.16	1,656	179.24	0.00
10.20	0.17	1,716	179.25	0.00
10.30	0.18	1,779	179.25	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.19	1,845	179.26	0.00
10.50	0.20	1,915	179.27	0.00
10.60	0.21	1,988	179.28	0.00
10.70	0.23	2,068	179.29	0.00
10.80	0.26	2,157	179.31	0.00
10.90	0.29	2,256	179.32	0.00
11.00	0.32	2,366	179.34	0.00
11.10	0.36	2,487	179.35	0.00
11.20	0.41	2,623	179.37	0.01
11.30	0.47	2,776	179.39	0.01
11.40	0.53	2,949	179.42	0.02
11.50	0.59	3,141	179.44	0.03
11.60	0.72	3,360	179.47	0.04
11.70	0.96	3,648	179.51	0.05
11.80	1.18	4,010	179.56	0.06
11.90	1.63	4,486	179.62	0.07
12.00	2.53	5,187	179.71	0.09
12.10	4.42	6,372	179.87	0.11
12.20	5.47	8,211	180.09	0.14
12.30	3.35	9,742	180.28	0.15
12.40	2.17	10,661	180.39	0.16
12.50	1.61	11,271	180.46	0.17
12.60	1.31	11,736	180.51	0.17
12.70	0.99	12,083	180.55	0.18
12.80	0.85	12,349	180.58	0.18
12.90	0.77	12,577	180.61	0.18
13.00	0.70	12,776	180.63	0.18
13.10	0.62	12,948	180.65	0.18
13.20	0.56	13,094	180.67	0.18
13.30	0.51	13,221	180.68	0.18
13.40	0.47	13,331	180.70	0.19
13.50	0.43	13,427	180.71	0.19
13.60	0.39	13,509	180.72	0.19
13.70	0.36	13,577	180.72	0.19
13.80	0.34	13,636	180.73	0.19
13.90	0.33	13,690	180.74	0.19
14.00	0.32	13,740	180.74	0.19
14.10	0.31	13,786	180.75	0.19
14.20	0.30	13,828	180.75	0.19
14.30	0.29	13,867	180.76	0.19
14.40	0.28	13,901	180.76	0.19
14.50	0.27	13,932	180.76	0.19
14.60	0.26	13,960	180.77	0.19
14.70	0.25	13,983	180.77	0.19
14.80	0.24	14,003	180.77	0.19
14.90	0.23	14,018	180.77	0.19
15.00	0.22	14,030	180.77	0.19
15.10	0.21	14,039	180.77	0.19
15.20	0.20	14,043	180.78	0.19
15.30	0.20	14,046	180.78	0.19
15.40	0.19	14,047	180.78	0.19
15.50	0.19	14,047	180.78	0.19

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	14,046	180.78	0.19
15.70	0.18	14,044	180.78	0.19
15.80	0.18	14,041	180.78	0.19
15.90	0.18	14,037	180.77	0.19
16.00	0.18	14,032	180.77	0.19
16.10	0.17	14,026	180.77	0.19
16.20	0.17	14,020	180.77	0.19
16.30	0.17	14,012	180.77	0.19
16.40	0.17	14,003	180.77	0.19
16.50	0.16	13,993	180.77	0.19
16.60	0.16	13,983	180.77	0.19
16.70	0.16	13,971	180.77	0.19
16.80	0.15	13,959	180.77	0.19
16.90	0.15	13,945	180.76	0.19
17.00	0.15	13,931	180.76	0.19
17.10	0.15	13,915	180.76	0.19
17.20	0.14	13,899	180.76	0.19
17.30	0.14	13,881	180.76	0.19
17.40	0.14	13,863	180.76	0.19
17.50	0.14	13,844	180.75	0.19
17.60	0.13	13,824	180.75	0.19
17.70	0.13	13,802	180.75	0.19
17.80	0.13	13,780	180.75	0.19
17.90	0.12	13,757	180.74	0.19
18.00	0.12	13,733	180.74	0.19
18.10	0.12	13,709	180.74	0.19
18.20	0.12	13,683	180.74	0.19
18.30	0.11	13,656	180.73	0.19
18.40	0.11	13,630	180.73	0.19
18.50	0.11	13,603	180.73	0.19
18.60	0.11	13,576	180.72	0.19
18.70	0.11	13,549	180.72	0.19
18.80	0.11	13,522	180.72	0.19
18.90	0.11	13,494	180.71	0.19
19.00	0.11	13,466	180.71	0.19
19.10	0.11	13,439	180.71	0.19
19.20	0.11	13,411	180.70	0.19
19.30	0.11	13,383	180.70	0.19
19.40	0.11	13,354	180.70	0.19
19.50	0.11	13,326	180.70	0.19
19.60	0.11	13,297	180.69	0.19
19.70	0.11	13,268	180.69	0.19
19.80	0.10	13,239	180.69	0.19
19.90	0.10	13,210	180.68	0.18
20.00	0.10	13,181	180.68	0.18
20.10	0.10	13,152	180.68	0.18
20.20	0.10	13,122	180.67	0.18
20.30	0.10	13,092	180.67	0.18
20.40	0.10	13,063	180.67	0.18
20.50	0.10	13,032	180.66	0.18
20.60	0.10	13,002	180.66	0.18
20.70	0.10	12,972	180.66	0.18

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	12,941	180.65	0.18
20.90	0.10	12,911	180.65	0.18
21.00	0.10	12,880	180.64	0.18
21.10	0.10	12,849	180.64	0.18
21.20	0.09	12,818	180.64	0.18
21.30	0.09	12,786	180.63	0.18
21.40	0.09	12,755	180.63	0.18
21.50	0.09	12,723	180.63	0.18
21.60	0.09	12,691	180.62	0.18
21.70	0.09	12,659	180.62	0.18
21.80	0.09	12,627	180.62	0.18
21.90	0.09	12,595	180.61	0.18
22.00	0.09	12,563	180.61	0.18
22.10	0.09	12,530	180.61	0.18
22.20	0.09	12,497	180.60	0.18
22.30	0.09	12,465	180.60	0.18
22.40	0.09	12,432	180.59	0.18
22.50	0.09	12,398	180.59	0.18
22.60	0.08	12,365	180.59	0.18
22.70	0.08	12,332	180.58	0.18
22.80	0.08	12,298	180.58	0.18
22.90	0.08	12,264	180.57	0.18
23.00	0.08	12,230	180.57	0.18
23.10	0.08	12,196	180.57	0.18
23.20	0.08	12,162	180.56	0.18
23.30	0.08	12,128	180.56	0.18
23.40	0.08	12,093	180.56	0.18
23.50	0.08	12,059	180.55	0.18
23.60	0.08	12,024	180.55	0.17
23.70	0.08	11,989	180.54	0.17
23.80	0.08	11,954	180.54	0.17
23.90	0.08	11,919	180.54	0.17
24.00	0.08	11,884	180.53	0.17
24.10	0.07	11,849	180.53	0.17
24.20	0.02	11,802	180.52	0.17
24.30	0.00	11,744	180.51	0.17
24.40	0.00	11,683	180.51	0.17
24.50	0.00	11,621	180.50	0.17
24.60	0.00	11,560	180.49	0.17
24.70	0.00	11,498	180.49	0.17
24.80	0.00	11,437	180.48	0.17
24.90	0.00	11,376	180.47	0.17
25.00	0.00	11,316	180.47	0.17
25.10	0.00	11,255	180.46	0.17
25.20	0.00	11,195	180.45	0.17
25.30	0.00	11,135	180.44	0.17
25.40	0.00	11,075	180.44	0.17
25.50	0.00	11,015	180.43	0.17
25.60	0.00	10,956	180.42	0.16
25.70	0.00	10,897	180.42	0.16
25.80	0.00	10,838	180.41	0.16
25.90	0.00	10,779	180.40	0.16

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,720	180.40	0.16
26.10	0.00	10,662	180.39	0.16
26.20	0.00	10,603	180.38	0.16
26.30	0.00	10,545	180.38	0.16
26.40	0.00	10,488	180.37	0.16
26.50	0.00	10,430	180.36	0.16
26.60	0.00	10,373	180.35	0.16
26.70	0.00	10,315	180.35	0.16
26.80	0.00	10,258	180.34	0.16
26.90	0.00	10,202	180.33	0.16
27.00	0.00	10,145	180.33	0.16
27.10	0.00	10,089	180.32	0.16
27.20	0.00	10,032	180.31	0.16
27.30	0.00	9,976	180.31	0.16
27.40	0.00	9,921	180.30	0.15
27.50	0.00	9,865	180.29	0.15
27.60	0.00	9,810	180.29	0.15
27.70	0.00	9,755	180.28	0.15
27.80	0.00	9,700	180.27	0.15
27.90	0.00	9,645	180.27	0.15
28.00	0.00	9,591	180.26	0.15
28.10	0.00	9,536	180.26	0.15
28.20	0.00	9,482	180.25	0.15
28.30	0.00	9,428	180.24	0.15
28.40	0.00	9,375	180.24	0.15
28.50	0.00	9,321	180.23	0.15
28.60	0.00	9,268	180.22	0.15
28.70	0.00	9,215	180.22	0.15
28.80	0.00	9,162	180.21	0.15
28.90	0.00	9,109	180.20	0.15
29.00	0.00	9,057	180.20	0.15
29.10	0.00	9,005	180.19	0.14
29.20	0.00	8,953	180.19	0.14
29.30	0.00	8,901	180.18	0.14
29.40	0.00	8,850	180.17	0.14
29.50	0.00	8,798	180.17	0.14
29.60	0.00	8,747	180.16	0.14
29.70	0.00	8,696	180.15	0.14
29.80	0.00	8,645	180.15	0.14
29.90	0.00	8,595	180.14	0.14
30.00	0.00	8,545	180.14	0.14
30.10	0.00	8,494	180.13	0.14
30.20	0.00	8,445	180.12	0.14
30.30	0.00	8,395	180.12	0.14
30.40	0.00	8,346	180.11	0.14
30.50	0.00	8,296	180.11	0.14
30.60	0.00	8,247	180.10	0.14
30.70	0.00	8,199	180.09	0.14
30.80	0.00	8,150	180.09	0.13
30.90	0.00	8,102	180.08	0.13
31.00	0.00	8,053	180.08	0.13
31.10	0.00	8,005	180.07	0.13

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,958	180.06	0.13
31.30	0.00	7,910	180.06	0.13
31.40	0.00	7,863	180.05	0.13
31.50	0.00	7,816	180.05	0.13
31.60	0.00	7,769	180.04	0.13
31.70	0.00	7,722	180.03	0.13
31.80	0.00	7,676	180.03	0.13
31.90	0.00	7,630	180.02	0.13
32.00	0.00	7,584	180.02	0.13
32.10	0.00	7,538	180.01	0.13
32.20	0.00	7,492	180.01	0.13
32.30	0.00	7,447	180.00	0.13
32.40	0.00	7,402	179.99	0.13
32.50	0.00	7,357	179.99	0.12
32.60	0.00	7,312	179.98	0.12
32.70	0.00	7,268	179.98	0.12
32.80	0.00	7,224	179.97	0.12
32.90	0.00	7,180	179.97	0.12
33.00	0.00	7,136	179.96	0.12
33.10	0.00	7,092	179.96	0.12
33.20	0.00	7,049	179.95	0.12
33.30	0.00	7,006	179.95	0.12
33.40	0.00	6,963	179.94	0.12
33.50	0.00	6,920	179.93	0.12
33.60	0.00	6,877	179.93	0.12
33.70	0.00	6,835	179.92	0.12
33.80	0.00	6,793	179.92	0.12
33.90	0.00	6,751	179.91	0.12
34.00	0.00	6,710	179.91	0.12
34.10	0.00	6,668	179.90	0.11
34.20	0.00	6,627	179.90	0.11
34.30	0.00	6,586	179.89	0.11
34.40	0.00	6,545	179.89	0.11
34.50	0.00	6,505	179.88	0.11
34.60	0.00	6,464	179.88	0.11
34.70	0.00	6,424	179.87	0.11
34.80	0.00	6,385	179.87	0.11
34.90	0.00	6,345	179.86	0.11
35.00	0.00	6,305	179.86	0.11
35.10	0.00	6,266	179.85	0.11
35.20	0.00	6,227	179.85	0.11
35.30	0.00	6,189	179.84	0.11
35.40	0.00	6,150	179.84	0.11
35.50	0.00	6,112	179.83	0.11
35.60	0.00	6,074	179.83	0.11
35.70	0.00	6,036	179.82	0.10
35.80	0.00	5,998	179.82	0.10
35.90	0.00	5,961	179.81	0.10
36.00	0.00	5,924	179.81	0.10
36.10	0.00	5,887	179.80	0.10
36.20	0.00	5,850	179.80	0.10
36.30	0.00	5,813	179.79	0.10

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,777	179.79	0.10
36.50	0.00	5,741	179.78	0.10
36.60	0.00	5,705	179.78	0.10
36.70	0.00	5,670	179.78	0.10
36.80	0.00	5,634	179.77	0.10
36.90	0.00	5,599	179.77	0.10
37.00	0.00	5,564	179.76	0.10
37.10	0.00	5,529	179.76	0.10
37.20	0.00	5,495	179.75	0.10
37.30	0.00	5,461	179.75	0.09
37.40	0.00	5,427	179.74	0.09
37.50	0.00	5,393	179.74	0.09
37.60	0.00	5,359	179.74	0.09
37.70	0.00	5,326	179.73	0.09
37.80	0.00	5,293	179.73	0.09
37.90	0.00	5,260	179.72	0.09
38.00	0.00	5,227	179.72	0.09
38.10	0.00	5,195	179.71	0.09
38.20	0.00	5,162	179.71	0.09
38.30	0.00	5,130	179.71	0.09
38.40	0.00	5,099	179.70	0.09
38.50	0.00	5,067	179.70	0.09
38.60	0.00	5,036	179.69	0.09
38.70	0.00	5,005	179.69	0.09
38.80	0.00	4,974	179.69	0.09
38.90	0.00	4,943	179.68	0.08
39.00	0.00	4,913	179.68	0.08
39.10	0.00	4,883	179.67	0.08
39.20	0.00	4,853	179.67	0.08
39.30	0.00	4,823	179.67	0.08
39.40	0.00	4,793	179.66	0.08
39.50	0.00	4,764	179.66	0.08
39.60	0.00	4,735	179.65	0.08
39.70	0.00	4,706	179.65	0.08
39.80	0.00	4,678	179.65	0.08
39.90	0.00	4,649	179.64	0.08
40.00	0.00	4,621	179.64	0.08

Stage-Discharge for Pond B-17B: Basin #17B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.05	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.06	180.09	0.13	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.07	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.18
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.14	180.71	0.19
179.16	0.00	179.68	0.08	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.09	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.15	180.82	0.19
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.10	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.00	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.11	180.42	0.16	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.01	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.20
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.02	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.03	179.98	0.12	180.50	0.17	181.02	0.24
179.47	0.04	179.99	0.12	180.51	0.17	181.03	0.28
179.48	0.04	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.17	181.07	0.45

Stage-Discharge for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14	182.12	14.91	182.64	23.69
181.09	0.56	181.61	6.28	182.13	15.09	182.65	24.39
181.10	0.62	181.62	6.43	182.14	15.28	182.66	25.11
181.11	0.69	181.63	6.58	182.15	15.47	182.67	25.85
181.12	0.75	181.64	6.73	182.16	15.67	182.68	26.62
181.13	0.82	181.65	6.88	182.17	15.86	182.69	27.40
181.14	0.90	181.66	7.03	182.18	16.05	182.70	28.21
181.15	0.97	181.67	7.18	182.19	16.24	182.71	29.08
181.16	1.05	181.68	7.33	182.20	16.44	182.72	29.97
181.17	1.13	181.69	7.49	182.21	16.61	182.73	30.89
181.18	1.21	181.70	7.64	182.22	16.63	182.74	31.83
181.19	1.29	181.71	7.80	182.23	16.65	182.75	32.80
181.20	1.38	181.72	7.95	182.24	16.67	182.76	33.79
181.21	1.47	181.73	8.11	182.25	16.70	182.77	34.81
181.22	1.56	181.74	8.27	182.26	16.72	182.78	35.86
181.23	1.65	181.75	8.43	182.27	16.74	182.79	36.92
181.24	1.74	181.76	8.59	182.28	16.76	182.80	38.02
181.25	1.84	181.77	8.75	182.29	16.78	182.81	39.13
181.26	1.93	181.78	8.91	182.30	16.80	182.82	40.28
181.27	2.03	181.79	9.07	182.31	16.82	182.83	41.44
181.28	2.14	181.80	9.24	182.32	16.85	182.84	42.63
181.29	2.24	181.81	9.40	182.33	16.87	182.85	43.85
181.30	2.34	181.82	9.57	182.34	16.89	182.86	45.08
181.31	2.45	181.83	9.74	182.35	16.91	182.87	46.35
181.32	2.56	181.84	9.90	182.36	16.93	182.88	47.63
181.33	2.67	181.85	10.07	182.37	16.95	182.89	48.94
181.34	2.78	181.86	10.24	182.38	16.97	182.90	50.28
181.35	2.89	181.87	10.41	182.39	17.00	182.91	51.67
181.36	3.00	181.88	10.58	182.40	17.02	182.92	53.08
181.37	3.12	181.89	10.75	182.41	17.04	182.93	54.52
181.38	3.24	181.90	10.92	182.42	17.06	182.94	55.98
181.39	3.35	181.91	11.10	182.43	17.08	182.95	57.47
181.40	3.47	181.92	11.27	182.44	17.10	182.96	58.99
181.41	3.60	181.93	11.45	182.45	17.12	182.97	60.53
181.42	3.72	181.94	11.62	182.46	17.14	182.98	62.10
181.43	3.84	181.95	11.80	182.47	17.17	182.99	63.69
181.44	3.97	181.96	11.97	182.48	17.19	183.00	65.31
181.45	4.09	181.97	12.15	182.49	17.21		
181.46	4.22	181.98	12.33	182.50	17.23		
181.47	4.35	181.99	12.51	182.51	17.37		
181.48	4.48	182.00	12.69	182.52	17.60		
181.49	4.61	182.01	12.87	182.53	17.90		
181.50	4.75	182.02	13.05	182.54	18.25		
181.51	4.88	182.03	13.23	182.55	18.64		
181.52	5.02	182.04	13.42	182.56	19.08		
181.53	5.15	182.05	13.60	182.57	19.55		
181.54	5.29	182.06	13.79	182.58	20.05		
181.55	5.43	182.07	13.97	182.59	20.59		
181.56	5.57	182.08	14.16	182.60	21.16		
181.57	5.71	182.09	14.34	182.61	21.75		
181.58	5.85	182.10	14.53	182.62	22.37		
181.59	5.99	182.11	14.72	182.63	23.02		

Stage-Area-Storage for Pond B-17B: Basin #17B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	6,855	0	179.52	7,468	3,724
179.01	6,867	69	179.53	7,479	3,799
179.02	6,879	137	179.54	7,491	3,873
179.03	6,890	206	179.55	7,503	3,948
179.04	6,902	275	179.56	7,515	4,024
179.05	6,914	344	179.57	7,526	4,099
179.06	6,926	413	179.58	7,538	4,174
179.07	6,937	483	179.59	7,550	4,249
179.08	6,949	552	179.60	7,562	4,325
179.09	6,961	622	179.61	7,574	4,401
179.10	6,973	691	179.62	7,585	4,477
179.11	6,985	761	179.63	7,597	4,552
179.12	6,996	831	179.64	7,609	4,628
179.13	7,008	901	179.65	7,621	4,705
179.14	7,020	971	179.66	7,632	4,781
179.15	7,032	1,042	179.67	7,644	4,857
179.16	7,043	1,112	179.68	7,656	4,934
179.17	7,055	1,182	179.69	7,668	5,010
179.18	7,067	1,253	179.70	7,680	5,087
179.19	7,079	1,324	179.71	7,691	5,164
179.20	7,091	1,395	179.72	7,703	5,241
179.21	7,102	1,466	179.73	7,715	5,318
179.22	7,114	1,537	179.74	7,727	5,395
179.23	7,126	1,608	179.75	7,739	5,473
179.24	7,138	1,679	179.76	7,750	5,550
179.25	7,150	1,751	179.77	7,762	5,628
179.26	7,161	1,822	179.78	7,774	5,705
179.27	7,173	1,894	179.79	7,786	5,783
179.28	7,185	1,966	179.80	7,797	5,861
179.29	7,197	2,037	179.81	7,809	5,939
179.30	7,208	2,110	179.82	7,821	6,017
179.31	7,220	2,182	179.83	7,833	6,095
179.32	7,232	2,254	179.84	7,845	6,174
179.33	7,244	2,326	179.85	7,856	6,252
179.34	7,256	2,399	179.86	7,868	6,331
179.35	7,267	2,471	179.87	7,880	6,410
179.36	7,279	2,544	179.88	7,892	6,489
179.37	7,291	2,617	179.89	7,903	6,567
179.38	7,303	2,690	179.90	7,915	6,647
179.39	7,314	2,763	179.91	7,927	6,726
179.40	7,326	2,836	179.92	7,939	6,805
179.41	7,338	2,910	179.93	7,951	6,885
179.42	7,350	2,983	179.94	7,962	6,964
179.43	7,362	3,057	179.95	7,974	7,044
179.44	7,373	3,130	179.96	7,986	7,124
179.45	7,385	3,204	179.97	7,998	7,204
179.46	7,397	3,278	179.98	8,009	7,284
179.47	7,409	3,352	179.99	8,021	7,364
179.48	7,420	3,426	180.00	8,033	7,444
179.49	7,432	3,500	180.01	8,045	7,524
179.50	7,444	3,575	180.02	8,058	7,605
179.51	7,456	3,649	180.03	8,070	7,686

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	8,082	7,766	180.56	8,725	12,136
180.05	8,095	7,847	180.57	8,737	12,223
180.06	8,107	7,928	180.58	8,749	12,311
180.07	8,119	8,009	180.59	8,762	12,398
180.08	8,132	8,091	180.60	8,774	12,486
180.09	8,144	8,172	180.61	8,786	12,574
180.10	8,156	8,253	180.62	8,799	12,662
180.11	8,169	8,335	180.63	8,811	12,750
180.12	8,181	8,417	180.64	8,823	12,838
180.13	8,194	8,499	180.65	8,836	12,926
180.14	8,206	8,581	180.66	8,848	13,015
180.15	8,218	8,663	180.67	8,860	13,103
180.16	8,231	8,745	180.68	8,873	13,192
180.17	8,243	8,827	180.69	8,885	13,281
180.18	8,255	8,910	180.70	8,897	13,370
180.19	8,268	8,993	180.71	8,910	13,459
180.20	8,280	9,075	180.72	8,922	13,548
180.21	8,292	9,158	180.73	8,935	13,637
180.22	8,305	9,241	180.74	8,947	13,727
180.23	8,317	9,324	180.75	8,959	13,816
180.24	8,329	9,407	180.76	8,972	13,906
180.25	8,342	9,491	180.77	8,984	13,996
180.26	8,354	9,574	180.78	8,996	14,085
180.27	8,366	9,658	180.79	9,009	14,175
180.28	8,379	9,742	180.80	9,021	14,266
180.29	8,391	9,826	180.81	9,033	14,356
180.30	8,404	9,909	180.82	9,046	14,446
180.31	8,416	9,994	180.83	9,058	14,537
180.32	8,428	10,078	180.84	9,070	14,627
180.33	8,441	10,162	180.85	9,083	14,718
180.34	8,453	10,247	180.86	9,095	14,809
180.35	8,465	10,331	180.87	9,107	14,900
180.36	8,478	10,416	180.88	9,120	14,991
180.37	8,490	10,501	180.89	9,132	15,082
180.38	8,502	10,586	180.90	9,145	15,174
180.39	8,515	10,671	180.91	9,157	15,265
180.40	8,527	10,756	180.92	9,169	15,357
180.41	8,539	10,841	180.93	9,182	15,449
180.42	8,552	10,927	180.94	9,194	15,541
180.43	8,564	11,012	180.95	9,206	15,633
180.44	8,576	11,098	180.96	9,219	15,725
180.45	8,589	11,184	180.97	9,231	15,817
180.46	8,601	11,270	180.98	9,243	15,909
180.47	8,613	11,356	180.99	9,256	16,002
180.48	8,626	11,442	181.00	9,268	16,095
180.49	8,638	11,528	181.01	9,281	16,187
180.50	8,651	11,615	181.02	9,294	16,280
180.51	8,663	11,701	181.03	9,307	16,373
180.52	8,675	11,788	181.04	9,320	16,466
180.53	8,688	11,875	181.05	9,333	16,560
180.54	8,700	11,962	181.06	9,346	16,653
180.55	8,712	12,049	181.07	9,358	16,746

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	9,371	16,840	181.60	10,043	21,888
181.09	9,384	16,934	181.61	10,056	21,988
181.10	9,397	17,028	181.62	10,069	22,089
181.11	9,410	17,122	181.63	10,082	22,190
181.12	9,423	17,216	181.64	10,095	22,291
181.13	9,436	17,310	181.65	10,108	22,392
181.14	9,449	17,405	181.66	10,121	22,493
181.15	9,462	17,499	181.67	10,134	22,594
181.16	9,475	17,594	181.68	10,147	22,695
181.17	9,488	17,689	181.69	10,159	22,797
181.18	9,501	17,784	181.70	10,172	22,899
181.19	9,513	17,879	181.71	10,185	23,000
181.20	9,526	17,974	181.72	10,198	23,102
181.21	9,539	18,069	181.73	10,211	23,204
181.22	9,552	18,165	181.74	10,224	23,307
181.23	9,565	18,260	181.75	10,237	23,409
181.24	9,578	18,356	181.76	10,250	23,511
181.25	9,591	18,452	181.77	10,263	23,614
181.26	9,604	18,548	181.78	10,276	23,717
181.27	9,617	18,644	181.79	10,289	23,819
181.28	9,630	18,740	181.80	10,302	23,922
181.29	9,643	18,837	181.81	10,315	24,025
181.30	9,656	18,933	181.82	10,327	24,129
181.31	9,669	19,030	181.83	10,340	24,232
181.32	9,681	19,126	181.84	10,353	24,335
181.33	9,694	19,223	181.85	10,366	24,439
181.34	9,707	19,320	181.86	10,379	24,543
181.35	9,720	19,417	181.87	10,392	24,647
181.36	9,733	19,515	181.88	10,405	24,751
181.37	9,746	19,612	181.89	10,418	24,855
181.38	9,759	19,710	181.90	10,431	24,959
181.39	9,772	19,807	181.91	10,444	25,063
181.40	9,785	19,905	181.92	10,457	25,168
181.41	9,798	20,003	181.93	10,470	25,272
181.42	9,811	20,101	181.94	10,482	25,377
181.43	9,824	20,199	181.95	10,495	25,482
181.44	9,836	20,297	181.96	10,508	25,587
181.45	9,849	20,396	181.97	10,521	25,692
181.46	9,862	20,494	181.98	10,534	25,798
181.47	9,875	20,593	181.99	10,547	25,903
181.48	9,888	20,692	182.00	10,560	26,009
181.49	9,901	20,791	182.01	10,573	26,114
181.50	9,914	20,890	182.02	10,587	26,220
181.51	9,927	20,989	182.03	10,600	26,326
181.52	9,940	21,089	182.04	10,614	26,432
181.53	9,953	21,188	182.05	10,627	26,538
181.54	9,966	21,288	182.06	10,641	26,645
181.55	9,979	21,387	182.07	10,654	26,751
181.56	9,992	21,487	182.08	10,668	26,858
181.57	10,004	21,587	182.09	10,681	26,964
181.58	10,017	21,687	182.10	10,695	27,071
181.59	10,030	21,787	182.11	10,708	27,178

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	10,722	27,285	182.64	11,422	33,043
182.13	10,735	27,393	182.65	11,436	33,157
182.14	10,749	27,500	182.66	11,449	33,271
182.15	10,762	27,608	182.67	11,462	33,386
182.16	10,776	27,715	182.68	11,476	33,501
182.17	10,789	27,823	182.69	11,489	33,616
182.18	10,802	27,931	182.70	11,503	33,731
182.19	10,816	28,039	182.71	11,516	33,846
182.20	10,829	28,147	182.72	11,530	33,961
182.21	10,843	28,256	182.73	11,543	34,076
182.22	10,856	28,364	182.74	11,557	34,192
182.23	10,870	28,473	182.75	11,570	34,307
182.24	10,883	28,582	182.76	11,584	34,423
182.25	10,897	28,691	182.77	11,597	34,539
182.26	10,910	28,800	182.78	11,611	34,655
182.27	10,924	28,909	182.79	11,624	34,771
182.28	10,937	29,018	182.80	11,638	34,888
182.29	10,951	29,128	182.81	11,651	35,004
182.30	10,964	29,237	182.82	11,665	35,121
182.31	10,978	29,347	182.83	11,678	35,237
182.32	10,991	29,457	182.84	11,691	35,354
182.33	11,005	29,567	182.85	11,705	35,471
182.34	11,018	29,677	182.86	11,718	35,588
182.35	11,031	29,787	182.87	11,732	35,705
182.36	11,045	29,897	182.88	11,745	35,823
182.37	11,058	30,008	182.89	11,759	35,940
182.38	11,072	30,119	182.90	11,772	36,058
182.39	11,085	30,229	182.91	11,786	36,176
182.40	11,099	30,340	182.92	11,799	36,294
182.41	11,112	30,451	182.93	11,813	36,412
182.42	11,126	30,563	182.94	11,826	36,530
182.43	11,139	30,674	182.95	11,840	36,648
182.44	11,153	30,785	182.96	11,853	36,767
182.45	11,166	30,897	182.97	11,867	36,885
182.46	11,180	31,009	182.98	11,880	37,004
182.47	11,193	31,120	182.99	11,894	37,123
182.48	11,207	31,232	183.00	11,907	37,242
182.49	11,220	31,345			
182.50	11,234	31,457			
182.51	11,247	31,569			
182.52	11,260	31,682			
182.53	11,274	31,794			
182.54	11,287	31,907			
182.55	11,301	32,020			
182.56	11,314	32,133			
182.57	11,328	32,247			
182.58	11,341	32,360			
182.59	11,355	32,473			
182.60	11,368	32,587			
182.61	11,382	32,701			
182.62	11,395	32,815			
182.63	11,409	32,929			

Summary for Pond B-2: Basin #2

Inflow Area = 1.894 ac, 38.23% Impervious, Inflow Depth = 4.00" for Future 10 yr event
 Inflow = 7.75 cfs @ 12.17 hrs, Volume= 0.631 af
 Outflow = 3.11 cfs @ 12.40 hrs, Volume= 0.531 af, Atten= 60%, Lag= 13.4 min
 Primary = 3.11 cfs @ 12.40 hrs, Volume= 0.531 af
 Routed to Pond B-1 : Basin #1

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 210.57' @ 12.40 hrs Surf.Area= 8,982 sf Storage= 12,968 cf

Plug-Flow detention time= 387.7 min calculated for 0.531 af (84% of inflow)
 Center-of-Mass det. time= 317.3 min (1,108.2 - 790.8)

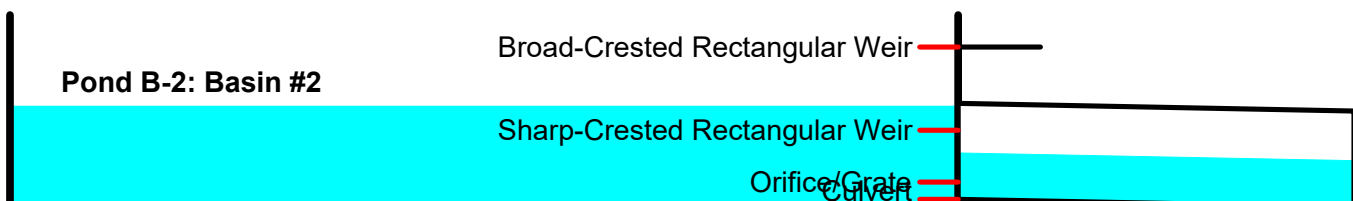
Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	26,760 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

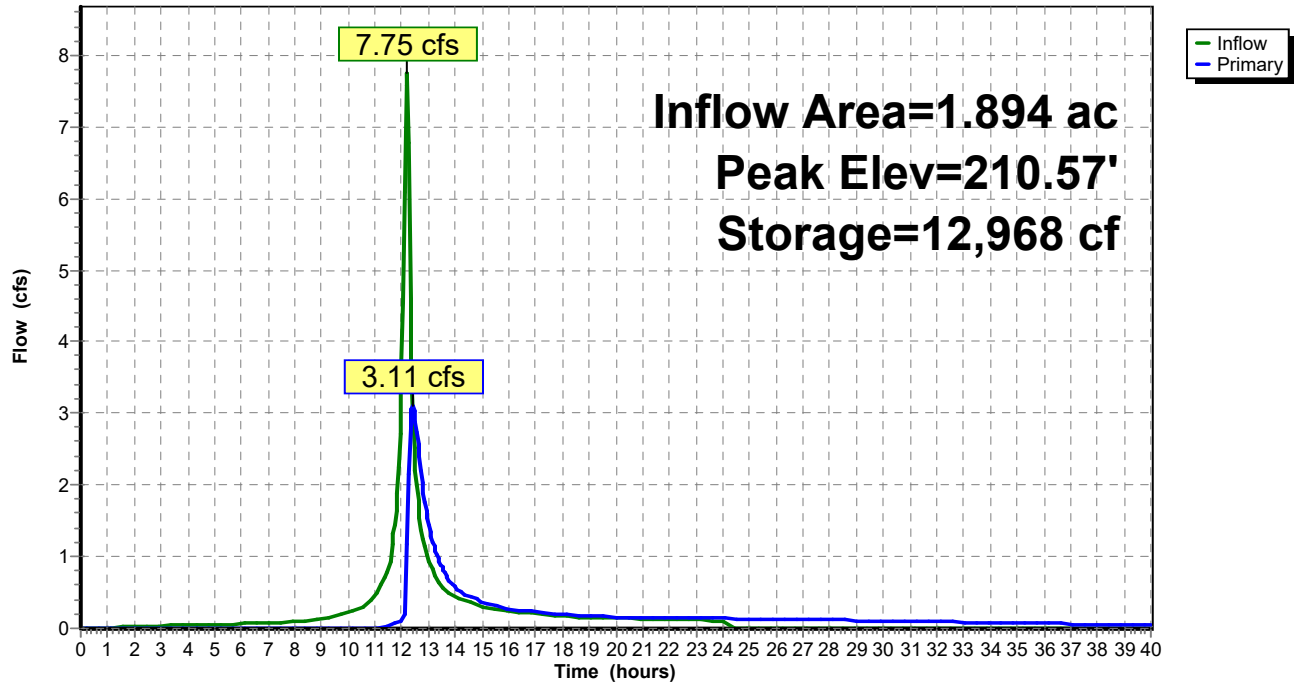
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	7,501	0	0
210.00	8,431	7,966	7,966
211.00	9,390	8,911	16,877
212.00	10,376	9,883	26,760

Device	Routing	Invert	Outlet Devices
#1	Primary	209.12'	18.0" Round Culvert L= 24.0' Ke= 1.000 Inlet / Outlet Invert= 209.12' / 209.00' S= 0.0050 ' S= 0.0050 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	209.39'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	210.20'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.11 cfs @ 12.40 hrs HW=210.57' (Free Discharge)

1=Culvert (Passes 3.11 cfs of 5.01 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.00 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.94 cfs @ 2.00 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-2: Basin #2**Hydrograph**

Hydrograph for Pond B-2: Basin #2

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	1	209.00	0.00
1.00	0.01	2	209.00	0.00
1.10	0.01	5	209.00	0.00
1.20	0.01	8	209.00	0.00
1.30	0.01	12	209.00	0.00
1.40	0.01	17	209.00	0.00
1.50	0.02	22	209.00	0.00
1.60	0.02	28	209.00	0.00
1.70	0.02	35	209.00	0.00
1.80	0.02	42	209.01	0.00
1.90	0.02	50	209.01	0.00
2.00	0.02	59	209.01	0.00
2.10	0.03	68	209.01	0.00
2.20	0.03	78	209.01	0.00
2.30	0.03	88	209.01	0.00
2.40	0.03	98	209.01	0.00
2.50	0.03	110	209.01	0.00
2.60	0.03	121	209.02	0.00
2.70	0.03	133	209.02	0.00
2.80	0.03	145	209.02	0.00
2.90	0.04	158	209.02	0.00
3.00	0.04	171	209.02	0.00
3.10	0.04	185	209.02	0.00
3.20	0.04	199	209.03	0.00
3.30	0.04	213	209.03	0.00
3.40	0.04	228	209.03	0.00
3.50	0.04	243	209.03	0.00
3.60	0.04	258	209.03	0.00
3.70	0.04	274	209.04	0.00
3.80	0.04	289	209.04	0.00
3.90	0.05	306	209.04	0.00
4.00	0.05	322	209.04	0.00
4.10	0.05	339	209.05	0.00
4.20	0.05	356	209.05	0.00
4.30	0.05	374	209.05	0.00
4.40	0.05	391	209.05	0.00
4.50	0.05	409	209.05	0.00
4.60	0.05	427	209.06	0.00
4.70	0.05	446	209.06	0.00
4.80	0.05	465	209.06	0.00
4.90	0.05	484	209.06	0.00
5.00	0.05	503	209.07	0.00
5.10	0.05	522	209.07	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	542	209.07	0.00
5.30	0.06	562	209.07	0.00
5.40	0.06	582	209.08	0.00
5.50	0.06	603	209.08	0.00
5.60	0.06	623	209.08	0.00
5.70	0.06	644	209.09	0.00
5.80	0.06	665	209.09	0.00
5.90	0.06	687	209.09	0.00
6.00	0.06	708	209.09	0.00
6.10	0.06	730	209.10	0.00
6.20	0.06	752	209.10	0.00
6.30	0.06	775	209.10	0.00
6.40	0.07	799	209.11	0.00
6.50	0.07	823	209.11	0.00
6.60	0.07	847	209.11	0.00
6.70	0.07	873	209.12	0.00
6.80	0.07	899	209.12	0.00
6.90	0.07	925	209.12	0.00
7.00	0.08	953	209.13	0.00
7.10	0.08	980	209.13	0.00
7.20	0.08	1,009	209.13	0.00
7.30	0.08	1,038	209.14	0.00
7.40	0.08	1,068	209.14	0.00
7.50	0.09	1,098	209.15	0.00
7.60	0.09	1,129	209.15	0.00
7.70	0.09	1,161	209.15	0.00
7.80	0.09	1,193	209.16	0.00
7.90	0.09	1,226	209.16	0.00
8.00	0.09	1,260	209.17	0.00
8.10	0.10	1,294	209.17	0.00
8.20	0.10	1,329	209.18	0.00
8.30	0.10	1,365	209.18	0.00
8.40	0.10	1,402	209.18	0.00
8.50	0.11	1,440	209.19	0.00
8.60	0.11	1,480	209.19	0.00
8.70	0.11	1,520	209.20	0.00
8.80	0.12	1,562	209.21	0.00
8.90	0.12	1,605	209.21	0.00
9.00	0.12	1,649	209.22	0.00
9.10	0.13	1,695	209.22	0.00
9.20	0.14	1,742	209.23	0.00
9.30	0.15	1,793	209.24	0.00
9.40	0.15	1,847	209.24	0.00
9.50	0.16	1,905	209.25	0.00
9.60	0.17	1,966	209.26	0.00
9.70	0.18	2,030	209.27	0.00
9.80	0.19	2,098	209.28	0.00
9.90	0.21	2,170	209.28	0.00
10.00	0.22	2,246	209.29	0.00
10.10	0.23	2,326	209.30	0.00
10.20	0.24	2,410	209.32	0.00
10.30	0.25	2,498	209.33	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,590	209.34	0.00
10.50	0.27	2,687	209.35	0.00
10.60	0.29	2,788	209.36	0.00
10.70	0.33	2,900	209.38	0.00
10.80	0.36	3,023	209.39	0.00
10.90	0.40	3,161	209.41	0.00
11.00	0.45	3,313	209.43	0.00
11.10	0.50	3,480	209.45	0.01
11.20	0.57	3,667	209.47	0.01
11.30	0.65	3,879	209.50	0.02
11.40	0.73	4,117	209.53	0.03
11.50	0.81	4,381	209.56	0.04
11.60	0.99	4,682	209.60	0.05
11.70	1.33	5,081	209.65	0.06
11.80	1.64	5,584	209.71	0.08
11.90	2.25	6,244	209.79	0.09
12.00	3.49	7,216	209.91	0.11
12.10	6.08	8,854	210.10	0.13
12.20	7.51	11,278	210.38	1.18
12.30	4.60	12,709	210.55	2.78
12.40	2.98	12,967	210.57	3.11
12.50	2.21	12,799	210.56	2.89
12.60	1.79	12,538	210.53	2.57
12.70	1.36	12,239	210.49	2.21
12.80	1.17	11,956	210.46	1.89
12.90	1.06	11,725	210.44	1.63
13.00	0.95	11,535	210.41	1.44
13.10	0.86	11,374	210.40	1.28
13.20	0.77	11,231	210.38	1.14
13.30	0.70	11,107	210.36	1.02
13.40	0.65	10,999	210.35	0.93
13.50	0.59	10,903	210.34	0.85
13.60	0.54	10,816	210.33	0.77
13.70	0.50	10,735	210.32	0.71
13.80	0.47	10,664	210.31	0.65
13.90	0.46	10,604	210.31	0.61
14.00	0.44	10,553	210.30	0.57
14.10	0.43	10,510	210.30	0.54
14.20	0.41	10,472	210.29	0.51
14.30	0.40	10,438	210.29	0.49
14.40	0.39	10,407	210.28	0.47
14.50	0.37	10,377	210.28	0.45
14.60	0.36	10,349	210.28	0.43
14.70	0.34	10,322	210.28	0.42
14.80	0.33	10,296	210.27	0.40
14.90	0.32	10,271	210.27	0.39
15.00	0.30	10,246	210.27	0.37
15.10	0.29	10,221	210.26	0.35
15.20	0.27	10,197	210.26	0.34
15.30	0.27	10,175	210.26	0.33
15.40	0.26	10,155	210.26	0.32
15.50	0.26	10,136	210.25	0.31

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	10,120	210.25	0.30
15.70	0.25	10,105	210.25	0.29
15.80	0.25	10,091	210.25	0.29
15.90	0.25	10,078	210.25	0.28
16.00	0.24	10,066	210.25	0.27
16.10	0.24	10,054	210.24	0.27
16.20	0.23	10,044	210.24	0.26
16.30	0.23	10,033	210.24	0.26
16.40	0.23	10,024	210.24	0.25
16.50	0.22	10,014	210.24	0.25
16.60	0.22	10,005	210.24	0.24
16.70	0.22	9,996	210.24	0.24
16.80	0.21	9,987	210.24	0.24
16.90	0.21	9,978	210.24	0.23
17.00	0.20	9,970	210.23	0.23
17.10	0.20	9,961	210.23	0.22
17.20	0.20	9,953	210.23	0.22
17.30	0.19	9,945	210.23	0.22
17.40	0.19	9,937	210.23	0.21
17.50	0.19	9,928	210.23	0.21
17.60	0.18	9,920	210.23	0.21
17.70	0.18	9,911	210.23	0.20
17.80	0.17	9,901	210.23	0.20
17.90	0.17	9,892	210.23	0.20
18.00	0.17	9,881	210.22	0.20
18.10	0.16	9,871	210.22	0.19
18.20	0.16	9,860	210.22	0.19
18.30	0.16	9,849	210.22	0.19
18.40	0.16	9,839	210.22	0.18
18.50	0.16	9,829	210.22	0.18
18.60	0.15	9,820	210.22	0.18
18.70	0.15	9,812	210.22	0.18
18.80	0.15	9,804	210.22	0.17
18.90	0.15	9,796	210.21	0.17
19.00	0.15	9,789	210.21	0.17
19.10	0.15	9,782	210.21	0.17
19.20	0.15	9,776	210.21	0.17
19.30	0.15	9,770	210.21	0.16
19.40	0.15	9,764	210.21	0.16
19.50	0.15	9,758	210.21	0.16
19.60	0.14	9,752	210.21	0.16
19.70	0.14	9,747	210.21	0.16
19.80	0.14	9,742	210.21	0.16
19.90	0.14	9,737	210.21	0.16
20.00	0.14	9,732	210.21	0.15
20.10	0.14	9,728	210.21	0.15
20.20	0.14	9,723	210.21	0.15
20.30	0.14	9,718	210.21	0.15
20.40	0.14	9,714	210.20	0.15
20.50	0.14	9,710	210.20	0.15
20.60	0.14	9,705	210.20	0.15
20.70	0.14	9,701	210.20	0.15

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	9,697	210.20	0.14
20.90	0.13	9,693	210.20	0.14
21.00	0.13	9,689	210.20	0.14
21.10	0.13	9,685	210.20	0.14
21.20	0.13	9,681	210.20	0.14
21.30	0.13	9,677	210.20	0.14
21.40	0.13	9,674	210.20	0.14
21.50	0.13	9,670	210.20	0.14
21.60	0.13	9,666	210.20	0.14
21.70	0.12	9,661	210.20	0.14
21.80	0.12	9,657	210.20	0.14
21.90	0.12	9,652	210.20	0.14
22.00	0.12	9,646	210.20	0.14
22.10	0.12	9,641	210.20	0.14
22.20	0.12	9,634	210.20	0.14
22.30	0.12	9,628	210.19	0.14
22.40	0.12	9,622	210.19	0.14
22.50	0.12	9,614	210.19	0.14
22.60	0.12	9,607	210.19	0.14
22.70	0.12	9,600	210.19	0.14
22.80	0.11	9,592	210.19	0.14
22.90	0.11	9,583	210.19	0.14
23.00	0.11	9,575	210.19	0.14
23.10	0.11	9,566	210.19	0.14
23.20	0.11	9,557	210.19	0.14
23.30	0.11	9,547	210.19	0.14
23.40	0.11	9,537	210.18	0.14
23.50	0.11	9,527	210.18	0.14
23.60	0.11	9,517	210.18	0.14
23.70	0.11	9,506	210.18	0.14
23.80	0.11	9,495	210.18	0.14
23.90	0.10	9,484	210.18	0.14
24.00	0.11	9,473	210.18	0.14
24.10	0.09	9,462	210.18	0.14
24.20	0.03	9,434	210.17	0.14
24.30	0.01	9,391	210.17	0.13
24.40	0.00	9,343	210.16	0.13
24.50	0.00	9,295	210.16	0.13
24.60	0.00	9,247	210.15	0.13
24.70	0.00	9,200	210.15	0.13
24.80	0.00	9,152	210.14	0.13
24.90	0.00	9,105	210.13	0.13
25.00	0.00	9,058	210.13	0.13
25.10	0.00	9,011	210.12	0.13
25.20	0.00	8,964	210.12	0.13
25.30	0.00	8,917	210.11	0.13
25.40	0.00	8,871	210.11	0.13
25.50	0.00	8,825	210.10	0.13
25.60	0.00	8,779	210.10	0.13
25.70	0.00	8,733	210.09	0.13
25.80	0.00	8,688	210.09	0.13
25.90	0.00	8,642	210.08	0.13

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,597	210.07	0.13
26.10	0.00	8,552	210.07	0.12
26.20	0.00	8,508	210.06	0.12
26.30	0.00	8,463	210.06	0.12
26.40	0.00	8,419	210.05	0.12
26.50	0.00	8,375	210.05	0.12
26.60	0.00	8,331	210.04	0.12
26.70	0.00	8,287	210.04	0.12
26.80	0.00	8,244	210.03	0.12
26.90	0.00	8,200	210.03	0.12
27.00	0.00	8,157	210.02	0.12
27.10	0.00	8,115	210.02	0.12
27.20	0.00	8,072	210.01	0.12
27.30	0.00	8,029	210.01	0.12
27.40	0.00	7,987	210.00	0.12
27.50	0.00	7,945	210.00	0.12
27.60	0.00	7,903	209.99	0.12
27.70	0.00	7,862	209.99	0.12
27.80	0.00	7,820	209.98	0.11
27.90	0.00	7,779	209.98	0.11
28.00	0.00	7,738	209.97	0.11
28.10	0.00	7,697	209.97	0.11
28.20	0.00	7,657	209.96	0.11
28.30	0.00	7,616	209.96	0.11
28.40	0.00	7,576	209.95	0.11
28.50	0.00	7,536	209.95	0.11
28.60	0.00	7,497	209.94	0.11
28.70	0.00	7,457	209.94	0.11
28.80	0.00	7,418	209.93	0.11
28.90	0.00	7,379	209.93	0.11
29.00	0.00	7,340	209.93	0.11
29.10	0.00	7,301	209.92	0.11
29.20	0.00	7,263	209.92	0.11
29.30	0.00	7,224	209.91	0.11
29.40	0.00	7,186	209.91	0.11
29.50	0.00	7,148	209.90	0.10
29.60	0.00	7,111	209.90	0.10
29.70	0.00	7,073	209.89	0.10
29.80	0.00	7,036	209.89	0.10
29.90	0.00	6,999	209.88	0.10
30.00	0.00	6,962	209.88	0.10
30.10	0.00	6,926	209.88	0.10
30.20	0.00	6,889	209.87	0.10
30.30	0.00	6,853	209.87	0.10
30.40	0.00	6,817	209.86	0.10
30.50	0.00	6,781	209.86	0.10
30.60	0.00	6,746	209.85	0.10
30.70	0.00	6,710	209.85	0.10
30.80	0.00	6,675	209.85	0.10
30.90	0.00	6,640	209.84	0.10
31.00	0.00	6,606	209.84	0.10
31.10	0.00	6,571	209.83	0.10

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,537	209.83	0.09
31.30	0.00	6,503	209.82	0.09
31.40	0.00	6,469	209.82	0.09
31.50	0.00	6,435	209.82	0.09
31.60	0.00	6,402	209.81	0.09
31.70	0.00	6,369	209.81	0.09
31.80	0.00	6,336	209.80	0.09
31.90	0.00	6,303	209.80	0.09
32.00	0.00	6,270	209.80	0.09
32.10	0.00	6,238	209.79	0.09
32.20	0.00	6,206	209.79	0.09
32.30	0.00	6,174	209.78	0.09
32.40	0.00	6,142	209.78	0.09
32.50	0.00	6,110	209.78	0.09
32.60	0.00	6,079	209.77	0.09
32.70	0.00	6,048	209.77	0.09
32.80	0.00	6,017	209.77	0.09
32.90	0.00	5,986	209.76	0.08
33.00	0.00	5,956	209.76	0.08
33.10	0.00	5,926	209.75	0.08
33.20	0.00	5,896	209.75	0.08
33.30	0.00	5,866	209.75	0.08
33.40	0.00	5,836	209.74	0.08
33.50	0.00	5,807	209.74	0.08
33.60	0.00	5,778	209.74	0.08
33.70	0.00	5,749	209.73	0.08
33.80	0.00	5,720	209.73	0.08
33.90	0.00	5,691	209.73	0.08
34.00	0.00	5,663	209.72	0.08
34.10	0.00	5,635	209.72	0.08
34.20	0.00	5,607	209.72	0.08
34.30	0.00	5,579	209.71	0.08
34.40	0.00	5,552	209.71	0.08
34.50	0.00	5,525	209.71	0.08
34.60	0.00	5,497	209.70	0.07
34.70	0.00	5,471	209.70	0.07
34.80	0.00	5,444	209.70	0.07
34.90	0.00	5,418	209.69	0.07
35.00	0.00	5,391	209.69	0.07
35.10	0.00	5,365	209.69	0.07
35.20	0.00	5,340	209.68	0.07
35.30	0.00	5,314	209.68	0.07
35.40	0.00	5,289	209.68	0.07
35.50	0.00	5,264	209.67	0.07
35.60	0.00	5,239	209.67	0.07
35.70	0.00	5,214	209.67	0.07
35.80	0.00	5,190	209.66	0.07
35.90	0.00	5,165	209.66	0.07
36.00	0.00	5,141	209.66	0.07
36.10	0.00	5,117	209.66	0.07
36.20	0.00	5,094	209.65	0.07
36.30	0.00	5,070	209.65	0.06

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,047	209.65	0.06
36.50	0.00	5,024	209.64	0.06
36.60	0.00	5,002	209.64	0.06
36.70	0.00	4,979	209.64	0.06
36.80	0.00	4,957	209.64	0.06
36.90	0.00	4,935	209.63	0.06
37.00	0.00	4,913	209.63	0.06
37.10	0.00	4,891	209.63	0.06
37.20	0.00	4,870	209.62	0.06
37.30	0.00	4,848	209.62	0.06
37.40	0.00	4,827	209.62	0.06
37.50	0.00	4,806	209.62	0.06
37.60	0.00	4,786	209.61	0.06
37.70	0.00	4,766	209.61	0.06
37.80	0.00	4,745	209.61	0.06
37.90	0.00	4,725	209.61	0.06
38.00	0.00	4,706	209.60	0.05
38.10	0.00	4,686	209.60	0.05
38.20	0.00	4,667	209.60	0.05
38.30	0.00	4,648	209.60	0.05
38.40	0.00	4,629	209.60	0.05
38.50	0.00	4,610	209.59	0.05
38.60	0.00	4,592	209.59	0.05
38.70	0.00	4,574	209.59	0.05
38.80	0.00	4,556	209.59	0.05
38.90	0.00	4,538	209.58	0.05
39.00	0.00	4,520	209.58	0.05
39.10	0.00	4,503	209.58	0.05
39.20	0.00	4,486	209.58	0.05
39.30	0.00	4,469	209.58	0.05
39.40	0.00	4,452	209.57	0.05
39.50	0.00	4,436	209.57	0.05
39.60	0.00	4,420	209.57	0.04
39.70	0.00	4,404	209.57	0.04
39.80	0.00	4,388	209.57	0.04
39.90	0.00	4,372	209.56	0.04
40.00	0.00	4,357	209.56	0.04

Stage-Discharge for Pond B-2: Basin #2

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.03	210.04	0.12	210.56	2.94
209.01	0.00	209.53	0.03	210.05	0.12	210.57	3.06
209.02	0.00	209.54	0.03	210.06	0.12	210.58	3.18
209.03	0.00	209.55	0.04	210.07	0.12	210.59	3.30
209.04	0.00	209.56	0.04	210.08	0.13	210.60	3.42
209.05	0.00	209.57	0.05	210.09	0.13	210.61	3.54
209.06	0.00	209.58	0.05	210.10	0.13	210.62	3.66
209.07	0.00	209.59	0.05	210.11	0.13	210.63	3.78
209.08	0.00	209.60	0.05	210.12	0.13	210.64	3.91
209.09	0.00	209.61	0.06	210.13	0.13	210.65	4.04
209.10	0.00	209.62	0.06	210.14	0.13	210.66	4.16
209.11	0.00	209.63	0.06	210.15	0.13	210.67	4.29
209.12	0.00	209.64	0.06	210.16	0.13	210.68	4.42
209.13	0.00	209.65	0.06	210.17	0.13	210.69	4.56
209.14	0.00	209.66	0.07	210.18	0.14	210.70	4.69
209.15	0.00	209.67	0.07	210.19	0.14	210.71	4.82
209.16	0.00	209.68	0.07	210.20	0.14	210.72	4.96
209.17	0.00	209.69	0.07	210.21	0.15	210.73	5.10
209.18	0.00	209.70	0.07	210.22	0.18	210.74	5.23
209.19	0.00	209.71	0.08	210.23	0.21	210.75	5.37
209.20	0.00	209.72	0.08	210.24	0.25	210.76	5.51
209.21	0.00	209.73	0.08	210.25	0.29	210.77	5.65
209.22	0.00	209.74	0.08	210.26	0.34	210.78	5.80
209.23	0.00	209.75	0.08	210.27	0.39	210.79	5.94
209.24	0.00	209.76	0.08	210.28	0.44	210.80	6.08
209.25	0.00	209.77	0.09	210.29	0.50	210.81	6.16
209.26	0.00	209.78	0.09	210.30	0.56	210.82	6.20
209.27	0.00	209.79	0.09	210.31	0.62	210.83	6.25
209.28	0.00	209.80	0.09	210.32	0.69	210.84	6.29
209.29	0.00	209.81	0.09	210.33	0.76	210.85	6.32
209.30	0.00	209.82	0.09	210.34	0.83	210.86	6.35
209.31	0.00	209.83	0.10	210.35	0.91	210.87	6.38
209.32	0.00	209.84	0.10	210.36	0.98	210.88	6.41
209.33	0.00	209.85	0.10	210.37	1.06	210.89	6.45
209.34	0.00	209.86	0.10	210.38	1.14	210.90	6.48
209.35	0.00	209.87	0.10	210.39	1.23	210.91	6.51
209.36	0.00	209.88	0.10	210.40	1.31	210.92	6.54
209.37	0.00	209.89	0.10	210.41	1.40	210.93	6.57
209.38	0.00	209.90	0.10	210.42	1.49	210.94	6.60
209.39	0.00	209.91	0.11	210.43	1.58	210.95	6.63
209.40	0.00	209.92	0.11	210.44	1.68	210.96	6.66
209.41	0.00	209.93	0.11	210.45	1.78	210.97	6.69
209.42	0.00	209.94	0.11	210.46	1.87	210.98	6.72
209.43	0.00	209.95	0.11	210.47	1.97	210.99	6.75
209.44	0.00	209.96	0.11	210.48	2.07	211.00	6.78
209.45	0.01	209.97	0.11	210.49	2.18	211.01	6.81
209.46	0.01	209.98	0.11	210.50	2.28	211.02	6.84
209.47	0.01	209.99	0.12	210.51	2.39	211.03	6.87
209.48	0.01	210.00	0.12	210.52	2.50	211.04	6.90
209.49	0.02	210.01	0.12	210.53	2.61	211.05	6.93
209.50	0.02	210.02	0.12	210.54	2.72	211.06	6.96
209.51	0.02	210.03	0.12	210.55	2.83	211.07	6.99

Stage-Discharge for Pond B-2: Basin #2 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	7.02	211.60	12.11
211.09	7.05	211.61	12.71
211.10	7.08	211.62	13.33
211.11	7.11	211.63	13.98
211.12	7.13	211.64	14.66
211.13	7.16	211.65	15.36
211.14	7.19	211.66	16.08
211.15	7.22	211.67	16.83
211.16	7.25	211.68	17.60
211.17	7.28	211.69	18.39
211.18	7.30	211.70	19.20
211.19	7.33	211.71	20.07
211.20	7.36	211.72	20.96
211.21	7.39	211.73	21.89
211.22	7.41	211.74	22.83
211.23	7.44	211.75	23.80
211.24	7.47	211.76	24.80
211.25	7.50	211.77	25.82
211.26	7.52	211.78	26.87
211.27	7.55	211.79	27.94
211.28	7.58	211.80	29.03
211.29	7.60	211.81	30.15
211.30	7.63	211.82	31.30
211.31	7.66	211.83	32.47
211.32	7.68	211.84	33.66
211.33	7.71	211.85	34.88
211.34	7.74	211.86	36.12
211.35	7.76	211.87	37.38
211.36	7.79	211.88	38.67
211.37	7.82	211.89	39.98
211.38	7.84	211.90	41.32
211.39	7.87	211.91	42.71
211.40	7.89	211.92	44.12
211.41	7.92	211.93	45.56
211.42	7.94	211.94	47.03
211.43	7.97	211.95	48.52
211.44	8.00	211.96	50.04
211.45	8.02	211.97	51.59
211.46	8.05	211.98	53.16
211.47	8.07	211.99	54.75
211.48	8.10	212.00	56.38
211.49	8.12		
211.50	8.15		
211.51	8.29		
211.52	8.53		
211.53	8.83		
211.54	9.18		
211.55	9.58		
211.56	10.02		
211.57	10.49		
211.58	11.00		
211.59	11.54		

Stage-Area-Storage for Pond B-2: Basin #2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	7,501	0	209.52	7,985	4,026
209.01	7,510	75	209.53	7,994	4,106
209.02	7,520	150	209.54	8,003	4,186
209.03	7,529	225	209.55	8,013	4,266
209.04	7,538	301	209.56	8,022	4,346
209.05	7,548	376	209.57	8,031	4,427
209.06	7,557	452	209.58	8,040	4,507
209.07	7,566	527	209.59	8,050	4,587
209.08	7,575	603	209.60	8,059	4,668
209.09	7,585	679	209.61	8,068	4,749
209.10	7,594	755	209.62	8,078	4,829
209.11	7,603	831	209.63	8,087	4,910
209.12	7,613	907	209.64	8,096	4,991
209.13	7,622	983	209.65	8,106	5,072
209.14	7,631	1,059	209.66	8,115	5,153
209.15	7,641	1,136	209.67	8,124	5,234
209.16	7,650	1,212	209.68	8,133	5,316
209.17	7,659	1,289	209.69	8,143	5,397
209.18	7,668	1,365	209.70	8,152	5,479
209.19	7,678	1,442	209.71	8,161	5,560
209.20	7,687	1,519	209.72	8,171	5,642
209.21	7,696	1,596	209.73	8,180	5,724
209.22	7,706	1,673	209.74	8,189	5,805
209.23	7,715	1,750	209.75	8,199	5,887
209.24	7,724	1,827	209.76	8,208	5,969
209.25	7,734	1,904	209.77	8,217	6,051
209.26	7,743	1,982	209.78	8,226	6,134
209.27	7,752	2,059	209.79	8,236	6,216
209.28	7,761	2,137	209.80	8,245	6,298
209.29	7,771	2,214	209.81	8,254	6,381
209.30	7,780	2,292	209.82	8,264	6,463
209.31	7,789	2,370	209.83	8,273	6,546
209.32	7,799	2,448	209.84	8,282	6,629
209.33	7,808	2,526	209.85	8,291	6,712
209.34	7,817	2,604	209.86	8,301	6,795
209.35	7,826	2,682	209.87	8,310	6,878
209.36	7,836	2,761	209.88	8,319	6,961
209.37	7,845	2,839	209.89	8,329	7,044
209.38	7,854	2,918	209.90	8,338	7,128
209.39	7,864	2,996	209.91	8,347	7,211
209.40	7,873	3,075	209.92	8,357	7,294
209.41	7,882	3,154	209.93	8,366	7,378
209.42	7,892	3,232	209.94	8,375	7,462
209.43	7,901	3,311	209.95	8,384	7,546
209.44	7,910	3,390	209.96	8,394	7,630
209.45	7,919	3,470	209.97	8,403	7,713
209.46	7,929	3,549	209.98	8,412	7,798
209.47	7,938	3,628	209.99	8,422	7,882
209.48	7,947	3,708	210.00	8,431	7,966
209.49	7,957	3,787	210.01	8,441	8,050
209.50	7,966	3,867	210.02	8,450	8,135
209.51	7,975	3,946	210.03	8,460	8,219

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	8,469	8,304	210.56	8,968	12,838
210.05	8,479	8,389	210.57	8,978	12,927
210.06	8,489	8,474	210.58	8,987	13,017
210.07	8,498	8,559	210.59	8,997	13,107
210.08	8,508	8,644	210.60	9,006	13,197
210.09	8,517	8,729	210.61	9,016	13,287
210.10	8,527	8,814	210.62	9,026	13,378
210.11	8,536	8,899	210.63	9,035	13,468
210.12	8,546	8,985	210.64	9,045	13,558
210.13	8,556	9,070	210.65	9,054	13,649
210.14	8,565	9,156	210.66	9,064	13,739
210.15	8,575	9,241	210.67	9,074	13,830
210.16	8,584	9,327	210.68	9,083	13,921
210.17	8,594	9,413	210.69	9,093	14,012
210.18	8,604	9,499	210.70	9,102	14,103
210.19	8,613	9,585	210.71	9,112	14,194
210.20	8,623	9,671	210.72	9,121	14,285
210.21	8,632	9,758	210.73	9,131	14,376
210.22	8,642	9,844	210.74	9,141	14,468
210.23	8,652	9,930	210.75	9,150	14,559
210.24	8,661	10,017	210.76	9,160	14,651
210.25	8,671	10,104	210.77	9,169	14,742
210.26	8,680	10,190	210.78	9,179	14,834
210.27	8,690	10,277	210.79	9,189	14,926
210.28	8,700	10,364	210.80	9,198	15,018
210.29	8,709	10,451	210.81	9,208	15,110
210.30	8,719	10,538	210.82	9,217	15,202
210.31	8,728	10,626	210.83	9,227	15,294
210.32	8,738	10,713	210.84	9,237	15,386
210.33	8,747	10,800	210.85	9,246	15,479
210.34	8,757	10,888	210.86	9,256	15,571
210.35	8,767	10,976	210.87	9,265	15,664
210.36	8,776	11,063	210.88	9,275	15,757
210.37	8,786	11,151	210.89	9,285	15,849
210.38	8,795	11,239	210.90	9,294	15,942
210.39	8,805	11,327	210.91	9,304	16,035
210.40	8,815	11,415	210.92	9,313	16,128
210.41	8,824	11,503	210.93	9,323	16,222
210.42	8,834	11,592	210.94	9,332	16,315
210.43	8,843	11,680	210.95	9,342	16,408
210.44	8,853	11,768	210.96	9,352	16,502
210.45	8,863	11,857	210.97	9,361	16,595
210.46	8,872	11,946	210.98	9,371	16,689
210.47	8,882	12,034	210.99	9,380	16,783
210.48	8,891	12,123	211.00	9,390	16,877
210.49	8,901	12,212	211.01	9,400	16,970
210.50	8,911	12,301	211.02	9,410	17,064
210.51	8,920	12,391	211.03	9,420	17,159
210.52	8,930	12,480	211.04	9,429	17,253
210.53	8,939	12,569	211.05	9,439	17,347
210.54	8,949	12,659	211.06	9,449	17,442
210.55	8,958	12,748	211.07	9,459	17,536

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	9,469	17,631	211.60	9,982	22,688
211.09	9,479	17,726	211.61	9,991	22,788
211.10	9,489	17,820	211.62	10,001	22,888
211.11	9,498	17,915	211.63	10,011	22,988
211.12	9,508	18,010	211.64	10,021	23,088
211.13	9,518	18,106	211.65	10,031	23,188
211.14	9,528	18,201	211.66	10,041	23,289
211.15	9,538	18,296	211.67	10,051	23,389
211.16	9,548	18,392	211.68	10,060	23,490
211.17	9,558	18,487	211.69	10,070	23,590
211.18	9,567	18,583	211.70	10,080	23,691
211.19	9,577	18,678	211.71	10,090	23,792
211.20	9,587	18,774	211.72	10,100	23,893
211.21	9,597	18,870	211.73	10,110	23,994
211.22	9,607	18,966	211.74	10,120	24,095
211.23	9,617	19,062	211.75	10,130	24,196
211.24	9,627	19,158	211.76	10,139	24,298
211.25	9,637	19,255	211.77	10,149	24,399
211.26	9,646	19,351	211.78	10,159	24,501
211.27	9,656	19,448	211.79	10,169	24,602
211.28	9,666	19,544	211.80	10,179	24,704
211.29	9,676	19,641	211.81	10,189	24,806
211.30	9,686	19,738	211.82	10,199	24,908
211.31	9,696	19,835	211.83	10,208	25,010
211.32	9,706	19,932	211.84	10,218	25,112
211.33	9,715	20,029	211.85	10,228	25,214
211.34	9,725	20,126	211.86	10,238	25,317
211.35	9,735	20,223	211.87	10,248	25,419
211.36	9,745	20,321	211.88	10,258	25,521
211.37	9,755	20,418	211.89	10,268	25,624
211.38	9,765	20,516	211.90	10,277	25,727
211.39	9,775	20,614	211.91	10,287	25,830
211.40	9,784	20,711	211.92	10,297	25,933
211.41	9,794	20,809	211.93	10,307	26,036
211.42	9,804	20,907	211.94	10,317	26,139
211.43	9,814	21,005	211.95	10,327	26,242
211.44	9,824	21,104	211.96	10,337	26,345
211.45	9,834	21,202	211.97	10,346	26,449
211.46	9,844	21,300	211.98	10,356	26,552
211.47	9,853	21,399	211.99	10,366	26,656
211.48	9,863	21,497	212.00	10,376	26,760
211.49	9,873	21,596			
211.50	9,883	21,695			
211.51	9,893	21,794			
211.52	9,903	21,893			
211.53	9,913	21,992			
211.54	9,922	22,091			
211.55	9,932	22,190			
211.56	9,942	22,290			
211.57	9,952	22,389			
211.58	9,962	22,489			
211.59	9,972	22,588			

Summary for Pond B-3: Basin #3

Inflow Area = 1.554 ac, 38.35% Impervious, Inflow Depth = 4.00" for Future 10 yr event
 Inflow = 6.36 cfs @ 12.17 hrs, Volume= 0.518 af
 Outflow = 0.17 cfs @ 16.98 hrs, Volume= 0.337 af, Atten= 97%, Lag= 288.7 min
 Primary = 0.17 cfs @ 16.98 hrs, Volume= 0.337 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 214.40' @ 16.98 hrs Surf.Area= 13,796 sf Storage= 16,687 cf

Plug-Flow detention time= 809.4 min calculated for 0.336 af (65% of inflow)
 Center-of-Mass det. time= 702.8 min (1,493.5 - 790.7)

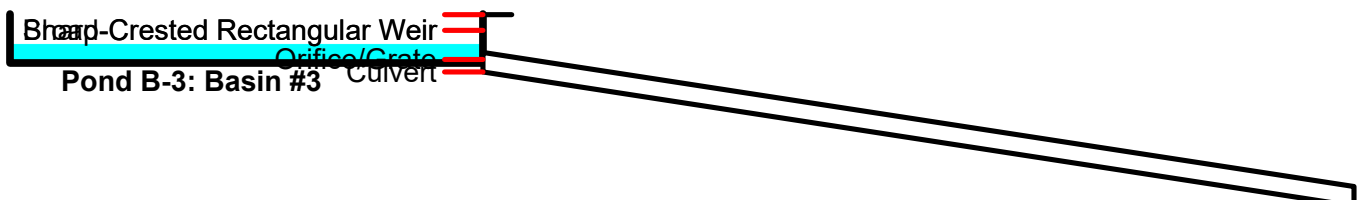
Volume	Invert	Avail.Storage	Storage Description
#1	213.00'	56,991 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

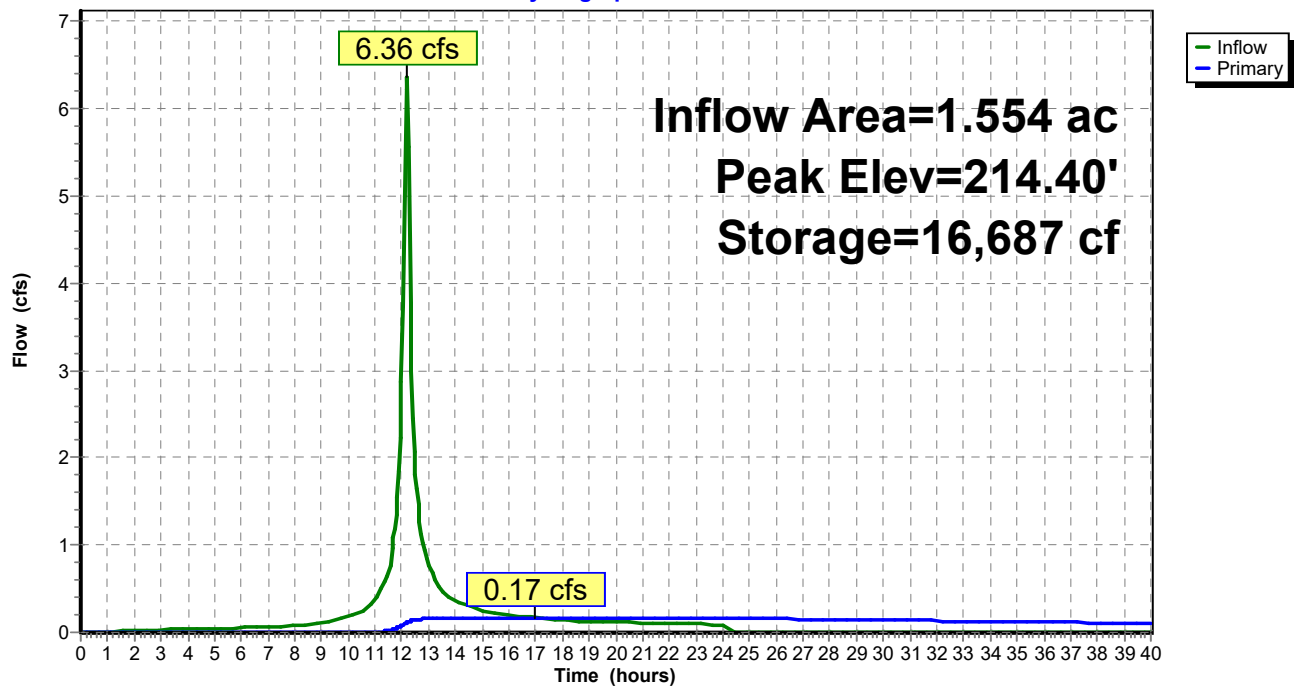
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
213.00	9,992	0	0
214.00	12,685	11,339	11,339
215.00	15,435	14,060	25,399
216.00	18,241	16,838	42,237
216.75	21,104	14,754	56,991

Device	Routing	Invert	Outlet Devices
#1	Primary	212.30'	18.0" Round Culvert L= 151.0' Ke= 0.500 Inlet / Outlet Invert= 212.30' / 202.00' S= 0.0682 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	213.25'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	215.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	216.70'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.17 cfs @ 16.98 hrs HW=214.40' (Free Discharge)

1=Culvert (Passes 0.17 cfs of 9.90 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.93 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-3: Basin #3**Hydrograph**

Hydrograph for Pond B-3: Basin #3

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	213.00	0.00
0.10	0.00	0	213.00	0.00
0.20	0.00	0	213.00	0.00
0.30	0.00	0	213.00	0.00
0.40	0.00	0	213.00	0.00
0.50	0.00	0	213.00	0.00
0.60	0.00	0	213.00	0.00
0.70	0.00	0	213.00	0.00
0.80	0.00	0	213.00	0.00
0.90	0.00	1	213.00	0.00
1.00	0.00	2	213.00	0.00
1.10	0.01	4	213.00	0.00
1.20	0.01	6	213.00	0.00
1.30	0.01	10	213.00	0.00
1.40	0.01	14	213.00	0.00
1.50	0.01	18	213.00	0.00
1.60	0.01	23	213.00	0.00
1.70	0.02	29	213.00	0.00
1.80	0.02	35	213.00	0.00
1.90	0.02	41	213.00	0.00
2.00	0.02	49	213.00	0.00
2.10	0.02	56	213.01	0.00
2.20	0.02	64	213.01	0.00
2.30	0.02	72	213.01	0.00
2.40	0.02	81	213.01	0.00
2.50	0.03	90	213.01	0.00
2.60	0.03	100	213.01	0.00
2.70	0.03	110	213.01	0.00
2.80	0.03	120	213.01	0.00
2.90	0.03	130	213.01	0.00
3.00	0.03	141	213.01	0.00
3.10	0.03	152	213.02	0.00
3.20	0.03	164	213.02	0.00
3.30	0.03	175	213.02	0.00
3.40	0.03	187	213.02	0.00
3.50	0.03	200	213.02	0.00
3.60	0.04	212	213.02	0.00
3.70	0.04	225	213.02	0.00
3.80	0.04	238	213.02	0.00
3.90	0.04	252	213.03	0.00
4.00	0.04	265	213.03	0.00
4.10	0.04	279	213.03	0.00
4.20	0.04	293	213.03	0.00
4.30	0.04	307	213.03	0.00
4.40	0.04	322	213.03	0.00
4.50	0.04	337	213.03	0.00
4.60	0.04	352	213.04	0.00
4.70	0.04	367	213.04	0.00
4.80	0.04	382	213.04	0.00
4.90	0.04	398	213.04	0.00
5.00	0.04	414	213.04	0.00
5.10	0.04	430	213.04	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	446	213.04	0.00
5.30	0.05	463	213.05	0.00
5.40	0.05	479	213.05	0.00
5.50	0.05	496	213.05	0.00
5.60	0.05	513	213.05	0.00
5.70	0.05	530	213.05	0.00
5.80	0.05	548	213.05	0.00
5.90	0.05	565	213.06	0.00
6.00	0.05	583	213.06	0.00
6.10	0.05	601	213.06	0.00
6.20	0.05	619	213.06	0.00
6.30	0.05	638	213.06	0.00
6.40	0.05	657	213.07	0.00
6.50	0.06	677	213.07	0.00
6.60	0.06	698	213.07	0.00
6.70	0.06	718	213.07	0.00
6.80	0.06	740	213.07	0.00
6.90	0.06	762	213.08	0.00
7.00	0.06	784	213.08	0.00
7.10	0.06	807	213.08	0.00
7.20	0.07	831	213.08	0.00
7.30	0.07	855	213.08	0.00
7.40	0.07	879	213.09	0.00
7.50	0.07	904	213.09	0.00
7.60	0.07	930	213.09	0.00
7.70	0.07	956	213.09	0.00
7.80	0.07	982	213.10	0.00
7.90	0.08	1,010	213.10	0.00
8.00	0.08	1,037	213.10	0.00
8.10	0.08	1,066	213.11	0.00
8.20	0.08	1,094	213.11	0.00
8.30	0.08	1,124	213.11	0.00
8.40	0.09	1,154	213.11	0.00
8.50	0.09	1,186	213.12	0.00
8.60	0.09	1,218	213.12	0.00
8.70	0.09	1,251	213.12	0.00
8.80	0.10	1,286	213.13	0.00
8.90	0.10	1,321	213.13	0.00
9.00	0.10	1,357	213.13	0.00
9.10	0.11	1,395	213.14	0.00
9.20	0.11	1,434	213.14	0.00
9.30	0.12	1,476	213.14	0.00
9.40	0.13	1,521	213.15	0.00
9.50	0.14	1,568	213.15	0.00
9.60	0.14	1,618	213.16	0.00
9.70	0.15	1,671	213.16	0.00
9.80	0.16	1,727	213.17	0.00
9.90	0.17	1,786	213.17	0.00
10.00	0.18	1,848	213.18	0.00
10.10	0.19	1,914	213.19	0.00
10.20	0.20	1,983	213.19	0.00
10.30	0.21	2,055	213.20	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,131	213.21	0.00
10.50	0.23	2,211	213.21	0.00
10.60	0.24	2,294	213.22	0.00
10.70	0.27	2,386	213.23	0.00
10.80	0.30	2,487	213.24	0.00
10.90	0.33	2,601	213.25	0.00
11.00	0.37	2,726	213.26	0.00
11.10	0.41	2,864	213.28	0.00
11.20	0.47	3,020	213.29	0.00
11.30	0.53	3,198	213.31	0.01
11.40	0.60	3,398	213.33	0.01
11.50	0.67	3,621	213.35	0.02
11.60	0.82	3,875	213.37	0.02
11.70	1.09	4,211	213.40	0.03
11.80	1.34	4,629	213.44	0.05
11.90	1.85	5,177	213.49	0.06
12.00	2.86	5,980	213.56	0.07
12.10	4.99	7,330	213.67	0.09
12.20	6.17	9,418	213.85	0.12
12.30	3.78	11,161	213.99	0.13
12.40	2.45	12,212	214.07	0.14
12.50	1.81	12,915	214.12	0.14
12.60	1.47	13,456	214.16	0.15
12.70	1.11	13,863	214.19	0.15
12.80	0.96	14,180	214.22	0.15
12.90	0.87	14,454	214.24	0.15
13.00	0.78	14,695	214.26	0.16
13.10	0.70	14,906	214.27	0.16
13.20	0.63	15,088	214.29	0.16
13.30	0.58	15,248	214.30	0.16
13.40	0.53	15,390	214.31	0.16
13.50	0.49	15,515	214.32	0.16
13.60	0.44	15,625	214.33	0.16
13.70	0.41	15,719	214.33	0.16
13.80	0.39	15,803	214.34	0.16
13.90	0.37	15,881	214.35	0.16
14.00	0.36	15,955	214.35	0.16
14.10	0.35	16,025	214.36	0.16
14.20	0.34	16,090	214.36	0.16
14.30	0.33	16,151	214.36	0.17
14.40	0.32	16,208	214.37	0.17
14.50	0.31	16,260	214.37	0.17
14.60	0.29	16,308	214.38	0.17
14.70	0.28	16,352	214.38	0.17
14.80	0.27	16,392	214.38	0.17
14.90	0.26	16,427	214.39	0.17
15.00	0.25	16,458	214.39	0.17
15.10	0.24	16,485	214.39	0.17
15.20	0.23	16,508	214.39	0.17
15.30	0.22	16,528	214.39	0.17
15.40	0.22	16,546	214.39	0.17
15.50	0.21	16,564	214.39	0.17

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	16,580	214.40	0.17
15.70	0.21	16,595	214.40	0.17
15.80	0.20	16,609	214.40	0.17
15.90	0.20	16,622	214.40	0.17
16.00	0.20	16,633	214.40	0.17
16.10	0.20	16,644	214.40	0.17
16.20	0.19	16,653	214.40	0.17
16.30	0.19	16,661	214.40	0.17
16.40	0.19	16,669	214.40	0.17
16.50	0.18	16,675	214.40	0.17
16.60	0.18	16,679	214.40	0.17
16.70	0.18	16,683	214.40	0.17
16.80	0.17	16,686	214.40	0.17
16.90	0.17	16,687	214.40	0.17
17.00	0.17	16,688	214.40	0.17
17.10	0.16	16,687	214.40	0.17
17.20	0.16	16,685	214.40	0.17
17.30	0.16	16,682	214.40	0.17
17.40	0.15	16,678	214.40	0.17
17.50	0.15	16,673	214.40	0.17
17.60	0.15	16,666	214.40	0.17
17.70	0.15	16,659	214.40	0.17
17.80	0.14	16,650	214.40	0.17
17.90	0.14	16,641	214.40	0.17
18.00	0.14	16,630	214.40	0.17
18.10	0.13	16,618	214.40	0.17
18.20	0.13	16,605	214.40	0.17
18.30	0.13	16,591	214.40	0.17
18.40	0.13	16,577	214.40	0.17
18.50	0.13	16,563	214.39	0.17
18.60	0.13	16,549	214.39	0.17
18.70	0.13	16,534	214.39	0.17
18.80	0.13	16,519	214.39	0.17
18.90	0.12	16,504	214.39	0.17
19.00	0.12	16,488	214.39	0.17
19.10	0.12	16,473	214.39	0.17
19.20	0.12	16,457	214.39	0.17
19.30	0.12	16,440	214.39	0.17
19.40	0.12	16,424	214.38	0.17
19.50	0.12	16,407	214.38	0.17
19.60	0.12	16,390	214.38	0.17
19.70	0.12	16,373	214.38	0.17
19.80	0.12	16,356	214.38	0.17
19.90	0.12	16,338	214.38	0.17
20.00	0.12	16,320	214.38	0.17
20.10	0.12	16,302	214.38	0.17
20.20	0.11	16,284	214.37	0.17
20.30	0.11	16,265	214.37	0.17
20.40	0.11	16,246	214.37	0.17
20.50	0.11	16,227	214.37	0.17
20.60	0.11	16,207	214.37	0.17
20.70	0.11	16,188	214.37	0.17

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	16,168	214.37	0.17
20.90	0.11	16,148	214.36	0.16
21.00	0.11	16,128	214.36	0.16
21.10	0.11	16,107	214.36	0.16
21.20	0.11	16,086	214.36	0.16
21.30	0.11	16,065	214.36	0.16
21.40	0.11	16,044	214.36	0.16
21.50	0.10	16,023	214.36	0.16
21.60	0.10	16,001	214.35	0.16
21.70	0.10	15,979	214.35	0.16
21.80	0.10	15,957	214.35	0.16
21.90	0.10	15,934	214.35	0.16
22.00	0.10	15,912	214.35	0.16
22.10	0.10	15,889	214.35	0.16
22.20	0.10	15,866	214.34	0.16
22.30	0.10	15,842	214.34	0.16
22.40	0.10	15,819	214.34	0.16
22.50	0.10	15,795	214.34	0.16
22.60	0.10	15,771	214.34	0.16
22.70	0.09	15,747	214.34	0.16
22.80	0.09	15,722	214.33	0.16
22.90	0.09	15,697	214.33	0.16
23.00	0.09	15,672	214.33	0.16
23.10	0.09	15,647	214.33	0.16
23.20	0.09	15,622	214.33	0.16
23.30	0.09	15,596	214.32	0.16
23.40	0.09	15,570	214.32	0.16
23.50	0.09	15,544	214.32	0.16
23.60	0.09	15,517	214.32	0.16
23.70	0.09	15,491	214.32	0.16
23.80	0.09	15,464	214.31	0.16
23.90	0.09	15,437	214.31	0.16
24.00	0.09	15,410	214.31	0.16
24.10	0.08	15,384	214.31	0.16
24.20	0.02	15,343	214.31	0.16
24.30	0.00	15,290	214.30	0.16
24.40	0.00	15,233	214.30	0.16
24.50	0.00	15,176	214.29	0.16
24.60	0.00	15,119	214.29	0.16
24.70	0.00	15,062	214.28	0.16
24.80	0.00	15,005	214.28	0.16
24.90	0.00	14,948	214.28	0.16
25.00	0.00	14,891	214.27	0.16
25.10	0.00	14,835	214.27	0.16
25.20	0.00	14,778	214.26	0.16
25.30	0.00	14,722	214.26	0.16
25.40	0.00	14,666	214.26	0.16
25.50	0.00	14,610	214.25	0.16
25.60	0.00	14,554	214.25	0.16
25.70	0.00	14,498	214.24	0.15
25.80	0.00	14,443	214.24	0.15
25.90	0.00	14,387	214.23	0.15

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,332	214.23	0.15
26.10	0.00	14,277	214.23	0.15
26.20	0.00	14,221	214.22	0.15
26.30	0.00	14,166	214.22	0.15
26.40	0.00	14,112	214.21	0.15
26.50	0.00	14,057	214.21	0.15
26.60	0.00	14,002	214.21	0.15
26.70	0.00	13,948	214.20	0.15
26.80	0.00	13,894	214.20	0.15
26.90	0.00	13,839	214.19	0.15
27.00	0.00	13,785	214.19	0.15
27.10	0.00	13,731	214.18	0.15
27.20	0.00	13,678	214.18	0.15
27.30	0.00	13,624	214.18	0.15
27.40	0.00	13,570	214.17	0.15
27.50	0.00	13,517	214.17	0.15
27.60	0.00	13,464	214.16	0.15
27.70	0.00	13,411	214.16	0.15
27.80	0.00	13,358	214.16	0.15
27.90	0.00	13,305	214.15	0.15
28.00	0.00	13,252	214.15	0.15
28.10	0.00	13,200	214.14	0.15
28.20	0.00	13,147	214.14	0.15
28.30	0.00	13,095	214.14	0.15
28.40	0.00	13,043	214.13	0.14
28.50	0.00	12,990	214.13	0.14
28.60	0.00	12,939	214.12	0.14
28.70	0.00	12,887	214.12	0.14
28.80	0.00	12,835	214.12	0.14
28.90	0.00	12,784	214.11	0.14
29.00	0.00	12,732	214.11	0.14
29.10	0.00	12,681	214.10	0.14
29.20	0.00	12,630	214.10	0.14
29.30	0.00	12,579	214.10	0.14
29.40	0.00	12,528	214.09	0.14
29.50	0.00	12,477	214.09	0.14
29.60	0.00	12,427	214.08	0.14
29.70	0.00	12,376	214.08	0.14
29.80	0.00	12,326	214.08	0.14
29.90	0.00	12,276	214.07	0.14
30.00	0.00	12,226	214.07	0.14
30.10	0.00	12,176	214.07	0.14
30.20	0.00	12,126	214.06	0.14
30.30	0.00	12,076	214.06	0.14
30.40	0.00	12,027	214.05	0.14
30.50	0.00	11,978	214.05	0.14
30.60	0.00	11,928	214.05	0.14
30.70	0.00	11,879	214.04	0.14
30.80	0.00	11,830	214.04	0.14
30.90	0.00	11,782	214.03	0.14
31.00	0.00	11,733	214.03	0.14
31.10	0.00	11,684	214.03	0.13

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,636	214.02	0.13
31.30	0.00	11,588	214.02	0.13
31.40	0.00	11,540	214.02	0.13
31.50	0.00	11,492	214.01	0.13
31.60	0.00	11,444	214.01	0.13
31.70	0.00	11,396	214.00	0.13
31.80	0.00	11,348	214.00	0.13
31.90	0.00	11,301	214.00	0.13
32.00	0.00	11,254	213.99	0.13
32.10	0.00	11,206	213.99	0.13
32.20	0.00	11,159	213.99	0.13
32.30	0.00	11,113	213.98	0.13
32.40	0.00	11,066	213.98	0.13
32.50	0.00	11,019	213.97	0.13
32.60	0.00	10,973	213.97	0.13
32.70	0.00	10,926	213.97	0.13
32.80	0.00	10,880	213.96	0.13
32.90	0.00	10,834	213.96	0.13
33.00	0.00	10,788	213.96	0.13
33.10	0.00	10,742	213.95	0.13
33.20	0.00	10,697	213.95	0.13
33.30	0.00	10,651	213.95	0.13
33.40	0.00	10,606	213.94	0.13
33.50	0.00	10,561	213.94	0.13
33.60	0.00	10,516	213.93	0.13
33.70	0.00	10,471	213.93	0.12
33.80	0.00	10,426	213.93	0.12
33.90	0.00	10,381	213.92	0.12
34.00	0.00	10,337	213.92	0.12
34.10	0.00	10,292	213.92	0.12
34.20	0.00	10,248	213.91	0.12
34.30	0.00	10,204	213.91	0.12
34.40	0.00	10,160	213.91	0.12
34.50	0.00	10,116	213.90	0.12
34.60	0.00	10,072	213.90	0.12
34.70	0.00	10,029	213.90	0.12
34.80	0.00	9,985	213.89	0.12
34.90	0.00	9,942	213.89	0.12
35.00	0.00	9,899	213.89	0.12
35.10	0.00	9,856	213.88	0.12
35.20	0.00	9,813	213.88	0.12
35.30	0.00	9,771	213.87	0.12
35.40	0.00	9,728	213.87	0.12
35.50	0.00	9,686	213.87	0.12
35.60	0.00	9,643	213.86	0.12
35.70	0.00	9,601	213.86	0.12
35.80	0.00	9,559	213.86	0.12
35.90	0.00	9,517	213.85	0.12
36.00	0.00	9,476	213.85	0.12
36.10	0.00	9,434	213.85	0.12
36.20	0.00	9,393	213.84	0.11
36.30	0.00	9,351	213.84	0.11

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,310	213.84	0.11
36.50	0.00	9,269	213.83	0.11
36.60	0.00	9,228	213.83	0.11
36.70	0.00	9,188	213.83	0.11
36.80	0.00	9,147	213.82	0.11
36.90	0.00	9,107	213.82	0.11
37.00	0.00	9,066	213.82	0.11
37.10	0.00	9,026	213.81	0.11
37.20	0.00	8,986	213.81	0.11
37.30	0.00	8,946	213.81	0.11
37.40	0.00	8,907	213.80	0.11
37.50	0.00	8,867	213.80	0.11
37.60	0.00	8,828	213.80	0.11
37.70	0.00	8,789	213.79	0.11
37.80	0.00	8,749	213.79	0.11
37.90	0.00	8,710	213.79	0.11
38.00	0.00	8,672	213.78	0.11
38.10	0.00	8,633	213.78	0.11
38.20	0.00	8,594	213.78	0.11
38.30	0.00	8,556	213.78	0.11
38.40	0.00	8,518	213.77	0.11
38.50	0.00	8,479	213.77	0.11
38.60	0.00	8,442	213.77	0.11
38.70	0.00	8,404	213.76	0.10
38.80	0.00	8,366	213.76	0.10
38.90	0.00	8,328	213.76	0.10
39.00	0.00	8,291	213.75	0.10
39.10	0.00	8,254	213.75	0.10
39.20	0.00	8,217	213.75	0.10
39.30	0.00	8,180	213.74	0.10
39.40	0.00	8,143	213.74	0.10
39.50	0.00	8,106	213.74	0.10
39.60	0.00	8,070	213.73	0.10
39.70	0.00	8,033	213.73	0.10
39.80	0.00	7,997	213.73	0.10
39.90	0.00	7,961	213.73	0.10
40.00	0.00	7,925	213.72	0.10

Stage-Discharge for Pond B-3: Basin #3

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	213.52	0.07	214.04	0.14	214.56	0.18
213.01	0.00	213.53	0.07	214.05	0.14	214.57	0.18
213.02	0.00	213.54	0.07	214.06	0.14	214.58	0.18
213.03	0.00	213.55	0.07	214.07	0.14	214.59	0.18
213.04	0.00	213.56	0.07	214.08	0.14	214.60	0.18
213.05	0.00	213.57	0.08	214.09	0.14	214.61	0.18
213.06	0.00	213.58	0.08	214.10	0.14	214.62	0.18
213.07	0.00	213.59	0.08	214.11	0.14	214.63	0.19
213.08	0.00	213.60	0.08	214.12	0.14	214.64	0.19
213.09	0.00	213.61	0.08	214.13	0.14	214.65	0.19
213.10	0.00	213.62	0.08	214.14	0.15	214.66	0.19
213.11	0.00	213.63	0.09	214.15	0.15	214.67	0.19
213.12	0.00	213.64	0.09	214.16	0.15	214.68	0.19
213.13	0.00	213.65	0.09	214.17	0.15	214.69	0.19
213.14	0.00	213.66	0.09	214.18	0.15	214.70	0.19
213.15	0.00	213.67	0.09	214.19	0.15	214.71	0.19
213.16	0.00	213.68	0.09	214.20	0.15	214.72	0.19
213.17	0.00	213.69	0.10	214.21	0.15	214.73	0.19
213.18	0.00	213.70	0.10	214.22	0.15	214.74	0.19
213.19	0.00	213.71	0.10	214.23	0.15	214.75	0.19
213.20	0.00	213.72	0.10	214.24	0.15	214.76	0.19
213.21	0.00	213.73	0.10	214.25	0.16	214.77	0.20
213.22	0.00	213.74	0.10	214.26	0.16	214.78	0.20
213.23	0.00	213.75	0.10	214.27	0.16	214.79	0.20
213.24	0.00	213.76	0.10	214.28	0.16	214.80	0.20
213.25	0.00	213.77	0.11	214.29	0.16	214.81	0.20
213.26	0.00	213.78	0.11	214.30	0.16	214.82	0.20
213.27	0.00	213.79	0.11	214.31	0.16	214.83	0.20
213.28	0.00	213.80	0.11	214.32	0.16	214.84	0.20
213.29	0.00	213.81	0.11	214.33	0.16	214.85	0.20
213.30	0.00	213.82	0.11	214.34	0.16	214.86	0.20
213.31	0.01	213.83	0.11	214.35	0.16	214.87	0.20
213.32	0.01	213.84	0.11	214.36	0.16	214.88	0.20
213.33	0.01	213.85	0.12	214.37	0.17	214.89	0.20
213.34	0.01	213.86	0.12	214.38	0.17	214.90	0.20
213.35	0.02	213.87	0.12	214.39	0.17	214.91	0.20
213.36	0.02	213.88	0.12	214.40	0.17	214.92	0.21
213.37	0.02	213.89	0.12	214.41	0.17	214.93	0.21
213.38	0.03	213.90	0.12	214.42	0.17	214.94	0.21
213.39	0.03	213.91	0.12	214.43	0.17	214.95	0.21
213.40	0.03	213.92	0.12	214.44	0.17	214.96	0.21
213.41	0.04	213.93	0.12	214.45	0.17	214.97	0.21
213.42	0.04	213.94	0.13	214.46	0.17	214.98	0.21
213.43	0.05	213.95	0.13	214.47	0.17	214.99	0.21
213.44	0.05	213.96	0.13	214.48	0.17	215.00	0.21
213.45	0.05	213.97	0.13	214.49	0.17	215.01	0.21
213.46	0.05	213.98	0.13	214.50	0.18	215.02	0.21
213.47	0.06	213.99	0.13	214.51	0.18	215.03	0.21
213.48	0.06	214.00	0.13	214.52	0.18	215.04	0.21
213.49	0.06	214.01	0.13	214.53	0.18	215.05	0.21
213.50	0.06	214.02	0.13	214.54	0.18	215.06	0.21
213.51	0.06	214.03	0.13	214.55	0.18	215.07	0.22

Stage-Discharge for Pond B-3: Basin #3 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
215.08	0.22	215.60	0.66	216.12	6.46	216.64	15.31
215.09	0.22	215.61	0.72	216.13	6.61	216.65	15.50
215.10	0.22	215.62	0.79	216.14	6.76	216.66	15.69
215.11	0.22	215.63	0.86	216.15	6.91	216.67	15.88
215.12	0.22	215.64	0.93	216.16	7.06	216.68	16.08
215.13	0.22	215.65	1.00	216.17	7.21	216.69	16.23
215.14	0.22	215.66	1.08	216.18	7.36	216.70	16.26
215.15	0.22	215.67	1.16	216.19	7.51	216.71	16.40
215.16	0.22	215.68	1.24	216.20	7.67	216.72	16.63
215.17	0.22	215.69	1.32	216.21	7.82	216.73	16.93
215.18	0.22	215.70	1.41	216.22	7.98	216.74	17.28
215.19	0.22	215.71	1.50	216.23	8.14	216.75	17.68
215.20	0.22	215.72	1.59	216.24	8.30		
215.21	0.22	215.73	1.68	216.25	8.46		
215.22	0.22	215.74	1.77	216.26	8.62		
215.23	0.22	215.75	1.87	216.27	8.78		
215.24	0.23	215.76	1.97	216.28	8.94		
215.25	0.23	215.77	2.07	216.29	9.10		
215.26	0.23	215.78	2.17	216.30	9.27		
215.27	0.23	215.79	2.27	216.31	9.43		
215.28	0.23	215.80	2.37	216.32	9.60		
215.29	0.23	215.81	2.48	216.33	9.76		
215.30	0.23	215.82	2.59	216.34	9.93		
215.31	0.23	215.83	2.70	216.35	10.10		
215.32	0.23	215.84	2.81	216.36	10.27		
215.33	0.23	215.85	2.92	216.37	10.44		
215.34	0.23	215.86	3.03	216.38	10.61		
215.35	0.23	215.87	3.15	216.39	10.78		
215.36	0.23	215.88	3.27	216.40	10.95		
215.37	0.23	215.89	3.38	216.41	11.12		
215.38	0.23	215.90	3.50	216.42	11.30		
215.39	0.23	215.91	3.63	216.43	11.47		
215.40	0.23	215.92	3.75	216.44	11.65		
215.41	0.24	215.93	3.87	216.45	11.82		
215.42	0.24	215.94	4.00	216.46	12.00		
215.43	0.24	215.95	4.12	216.47	12.18		
215.44	0.24	215.96	4.25	216.48	12.36		
215.45	0.24	215.97	4.38	216.49	12.54		
215.46	0.24	215.98	4.51	216.50	12.72		
215.47	0.24	215.99	4.64	216.51	12.90		
215.48	0.24	216.00	4.78	216.52	13.08		
215.49	0.24	216.01	4.91	216.53	13.26		
215.50	0.24	216.02	5.05	216.54	13.44		
215.51	0.25	216.03	5.18	216.55	13.63		
215.52	0.28	216.04	5.32	216.56	13.81		
215.53	0.31	216.05	5.46	216.57	14.00		
215.54	0.35	216.06	5.60	216.58	14.18		
215.55	0.39	216.07	5.74	216.59	14.37		
215.56	0.44	216.08	5.88	216.60	14.56		
215.57	0.49	216.09	6.02	216.61	14.74		
215.58	0.54	216.10	6.17	216.62	14.93		
215.59	0.60	216.11	6.31	216.63	15.12		

Stage-Area-Storage for Pond B-3: Basin #3

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
213.00	9,992	0	213.52	11,392	5,560
213.01	10,019	100	213.53	11,419	5,674
213.02	10,046	200	213.54	11,446	5,788
213.03	10,073	301	213.55	11,473	5,903
213.04	10,100	402	213.56	11,500	6,018
213.05	10,127	503	213.57	11,527	6,133
213.06	10,154	604	213.58	11,554	6,248
213.07	10,181	706	213.59	11,581	6,364
213.08	10,207	808	213.60	11,608	6,480
213.09	10,234	910	213.61	11,635	6,596
213.10	10,261	1,013	213.62	11,662	6,713
213.11	10,288	1,115	213.63	11,689	6,829
213.12	10,315	1,218	213.64	11,716	6,946
213.13	10,342	1,322	213.65	11,742	7,064
213.14	10,369	1,425	213.66	11,769	7,181
213.15	10,396	1,529	213.67	11,796	7,299
213.16	10,423	1,633	213.68	11,823	7,417
213.17	10,450	1,738	213.69	11,850	7,536
213.18	10,477	1,842	213.70	11,877	7,654
213.19	10,504	1,947	213.71	11,904	7,773
213.20	10,531	2,052	213.72	11,931	7,892
213.21	10,558	2,158	213.73	11,958	8,012
213.22	10,584	2,263	213.74	11,985	8,131
213.23	10,611	2,369	213.75	12,012	8,251
213.24	10,638	2,476	213.76	12,039	8,372
213.25	10,665	2,582	213.77	12,066	8,492
213.26	10,692	2,689	213.78	12,093	8,613
213.27	10,719	2,796	213.79	12,119	8,734
213.28	10,746	2,903	213.80	12,146	8,855
213.29	10,773	3,011	213.81	12,173	8,977
213.30	10,800	3,119	213.82	12,200	9,099
213.31	10,827	3,227	213.83	12,227	9,221
213.32	10,854	3,335	213.84	12,254	9,343
213.33	10,881	3,444	213.85	12,281	9,466
213.34	10,908	3,553	213.86	12,308	9,589
213.35	10,935	3,662	213.87	12,335	9,712
213.36	10,961	3,772	213.88	12,362	9,836
213.37	10,988	3,881	213.89	12,389	9,959
213.38	11,015	3,991	213.90	12,416	10,083
213.39	11,042	4,102	213.91	12,443	10,208
213.40	11,069	4,212	213.92	12,470	10,332
213.41	11,096	4,323	213.93	12,496	10,457
213.42	11,123	4,434	213.94	12,523	10,582
213.43	11,150	4,546	213.95	12,550	10,708
213.44	11,177	4,657	213.96	12,577	10,833
213.45	11,204	4,769	213.97	12,604	10,959
213.46	11,231	4,881	213.98	12,631	11,085
213.47	11,258	4,994	213.99	12,658	11,212
213.48	11,285	5,106	214.00	12,685	11,339
213.49	11,312	5,219	214.01	12,712	11,465
213.50	11,339	5,333	214.02	12,740	11,593
213.51	11,365	5,446	214.03	12,768	11,720

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
214.04	12,795	11,848	214.56	14,225	18,873
214.05	12,823	11,976	214.57	14,252	19,016
214.06	12,850	12,105	214.58	14,280	19,158
214.07	12,877	12,233	214.59	14,308	19,301
214.08	12,905	12,362	214.60	14,335	19,444
214.09	12,933	12,491	214.61	14,363	19,588
214.10	12,960	12,621	214.62	14,390	19,732
214.11	12,988	12,750	214.63	14,417	19,876
214.12	13,015	12,881	214.64	14,445	20,020
214.13	13,042	13,011	214.65	14,473	20,165
214.14	13,070	13,141	214.66	14,500	20,310
214.15	13,098	13,272	214.67	14,527	20,455
214.16	13,125	13,403	214.68	14,555	20,600
214.17	13,152	13,535	214.69	14,582	20,746
214.18	13,180	13,666	214.70	14,610	20,892
214.19	13,207	13,798	214.71	14,638	21,038
214.20	13,235	13,930	214.72	14,665	21,184
214.21	13,263	14,063	214.73	14,692	21,331
214.22	13,290	14,196	214.74	14,720	21,478
214.23	13,317	14,329	214.75	14,748	21,626
214.24	13,345	14,462	214.76	14,775	21,773
214.25	13,373	14,596	214.77	14,803	21,921
214.26	13,400	14,730	214.78	14,830	22,069
214.27	13,428	14,864	214.79	14,857	22,218
214.28	13,455	14,998	214.80	14,885	22,367
214.29	13,482	15,133	214.81	14,913	22,515
214.30	13,510	15,268	214.82	14,940	22,665
214.31	13,538	15,403	214.83	14,968	22,814
214.32	13,565	15,538	214.84	14,995	22,964
214.33	13,593	15,674	214.85	15,022	23,114
214.34	13,620	15,810	214.86	15,050	23,265
214.35	13,647	15,947	214.87	15,078	23,415
214.36	13,675	16,083	214.88	15,105	23,566
214.37	13,703	16,220	214.89	15,132	23,717
214.38	13,730	16,357	214.90	15,160	23,869
214.39	13,757	16,495	214.91	15,187	24,020
214.40	13,785	16,633	214.92	15,215	24,172
214.41	13,812	16,770	214.93	15,243	24,325
214.42	13,840	16,909	214.94	15,270	24,477
214.43	13,868	17,047	214.95	15,297	24,630
214.44	13,895	17,186	214.96	15,325	24,783
214.45	13,922	17,325	214.97	15,352	24,937
214.46	13,950	17,465	214.98	15,380	25,090
214.47	13,977	17,604	214.99	15,408	25,244
214.48	14,005	17,744	215.00	15,435	25,399
214.49	14,033	17,884	215.01	15,463	25,553
214.50	14,060	18,025	215.02	15,491	25,708
214.51	14,087	18,165	215.03	15,519	25,863
214.52	14,115	18,307	215.04	15,547	26,018
214.53	14,143	18,448	215.05	15,575	26,174
214.54	14,170	18,589	215.06	15,603	26,330
214.55	14,198	18,731	215.07	15,631	26,486

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
215.08	15,659	26,642	215.60	17,119	35,165
215.09	15,688	26,799	215.61	17,147	35,336
215.10	15,716	26,956	215.62	17,175	35,508
215.11	15,744	27,113	215.63	17,203	35,679
215.12	15,772	27,271	215.64	17,231	35,852
215.13	15,800	27,429	215.65	17,259	36,024
215.14	15,828	27,587	215.66	17,287	36,197
215.15	15,856	27,745	215.67	17,315	36,370
215.16	15,884	27,904	215.68	17,343	36,543
215.17	15,912	28,063	215.69	17,371	36,717
215.18	15,940	28,222	215.70	17,399	36,890
215.19	15,968	28,382	215.71	17,427	37,065
215.20	15,996	28,542	215.72	17,455	37,239
215.21	16,024	28,702	215.73	17,483	37,414
215.22	16,052	28,862	215.74	17,511	37,589
215.23	16,080	29,023	215.75	17,540	37,764
215.24	16,108	29,184	215.76	17,568	37,939
215.25	16,137	29,345	215.77	17,596	38,115
215.26	16,165	29,506	215.78	17,624	38,291
215.27	16,193	29,668	215.79	17,652	38,468
215.28	16,221	29,830	215.80	17,680	38,644
215.29	16,249	29,993	215.81	17,708	38,821
215.30	16,277	30,155	215.82	17,736	38,999
215.31	16,305	30,318	215.83	17,764	39,176
215.32	16,333	30,481	215.84	17,792	39,354
215.33	16,361	30,645	215.85	17,820	39,532
215.34	16,389	30,809	215.86	17,848	39,710
215.35	16,417	30,973	215.87	17,876	39,889
215.36	16,445	31,137	215.88	17,904	40,068
215.37	16,473	31,302	215.89	17,932	40,247
215.38	16,501	31,466	215.90	17,960	40,426
215.39	16,529	31,632	215.91	17,988	40,606
215.40	16,557	31,797	215.92	18,017	40,786
215.41	16,585	31,963	215.93	18,045	40,967
215.42	16,614	32,129	215.94	18,073	41,147
215.43	16,642	32,295	215.95	18,101	41,328
215.44	16,670	32,462	215.96	18,129	41,509
215.45	16,698	32,628	215.97	18,157	41,691
215.46	16,726	32,795	215.98	18,185	41,872
215.47	16,754	32,963	215.99	18,213	42,054
215.48	16,782	33,131	216.00	18,241	42,237
215.49	16,810	33,299	216.01	18,279	42,419
215.50	16,838	33,467	216.02	18,317	42,602
215.51	16,866	33,635	216.03	18,356	42,785
215.52	16,894	33,804	216.04	18,394	42,969
215.53	16,922	33,973	216.05	18,432	43,153
215.54	16,950	34,143	216.06	18,470	43,338
215.55	16,978	34,312	216.07	18,508	43,523
215.56	17,006	34,482	216.08	18,546	43,708
215.57	17,034	34,652	216.09	18,585	43,894
215.58	17,062	34,823	216.10	18,623	44,080
215.59	17,091	34,994	216.11	18,661	44,266

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
216.12	18,699	44,453	216.64	20,684	54,693
216.13	18,737	44,640	216.65	20,722	54,900
216.14	18,775	44,828	216.66	20,760	55,107
216.15	18,814	45,016	216.67	20,799	55,315
216.16	18,852	45,204	216.68	20,837	55,523
216.17	18,890	45,393	216.69	20,875	55,732
216.18	18,928	45,582	216.70	20,913	55,940
216.19	18,966	45,771	216.71	20,951	56,150
216.20	19,004	45,961	216.72	20,989	56,359
216.21	19,043	46,151	216.73	21,028	56,570
216.22	19,081	46,342	216.74	21,066	56,780
216.23	19,119	46,533	216.75	21,104	56,991
216.24	19,157	46,724			
216.25	19,195	46,916			
216.26	19,234	47,108			
216.27	19,272	47,301			
216.28	19,310	47,494			
216.29	19,348	47,687			
216.30	19,386	47,881			
216.31	19,424	48,075			
216.32	19,463	48,269			
216.33	19,501	48,464			
216.34	19,539	48,659			
216.35	19,577	48,855			
216.36	19,615	49,051			
216.37	19,653	49,247			
216.38	19,692	49,444			
216.39	19,730	49,641			
216.40	19,768	49,838			
216.41	19,806	50,036			
216.42	19,844	50,234			
216.43	19,882	50,433			
216.44	19,921	50,632			
216.45	19,959	50,831			
216.46	19,997	51,031			
216.47	20,035	51,231			
216.48	20,073	51,432			
216.49	20,111	51,633			
216.50	20,150	51,834			
216.51	20,188	52,036			
216.52	20,226	52,238			
216.53	20,264	52,440			
216.54	20,302	52,643			
216.55	20,341	52,846			
216.56	20,379	53,050			
216.57	20,417	53,254			
216.58	20,455	53,458			
216.59	20,493	53,663			
216.60	20,531	53,868			
216.61	20,570	54,074			
216.62	20,608	54,280			
216.63	20,646	54,486			

Summary for Pond B-4A: Basin #4A

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 3.97" for Future 10 yr event
 Inflow = 9.48 cfs @ 12.17 hrs, Volume= 0.770 af
 Outflow = 8.45 cfs @ 12.23 hrs, Volume= 0.487 af, Atten= 11%, Lag= 3.5 min
 Primary = 8.45 cfs @ 12.23 hrs, Volume= 0.487 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.67' @ 12.23 hrs Surf.Area= 6,010 sf Storage= 13,388 cf

Plug-Flow detention time= 202.1 min calculated for 0.486 af (63% of inflow)
 Center-of-Mass det. time= 92.8 min (884.9 - 792.1)

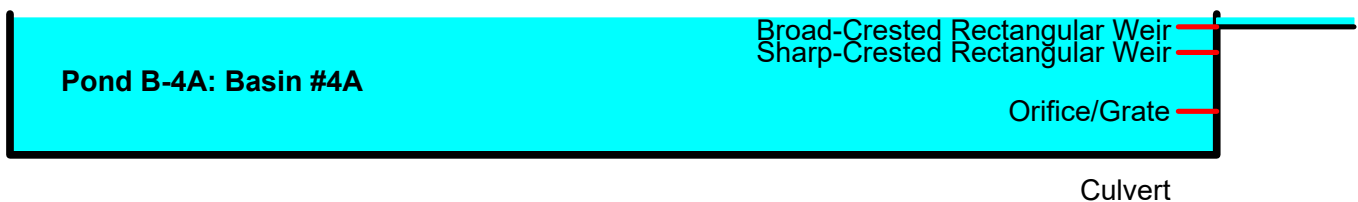
Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	13,855 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	3,912	0	0
204.00	4,724	4,318	4,318
205.00	5,604	5,164	9,482
205.75	6,057	4,373	13,855

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 37.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0541 ' / Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.85'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

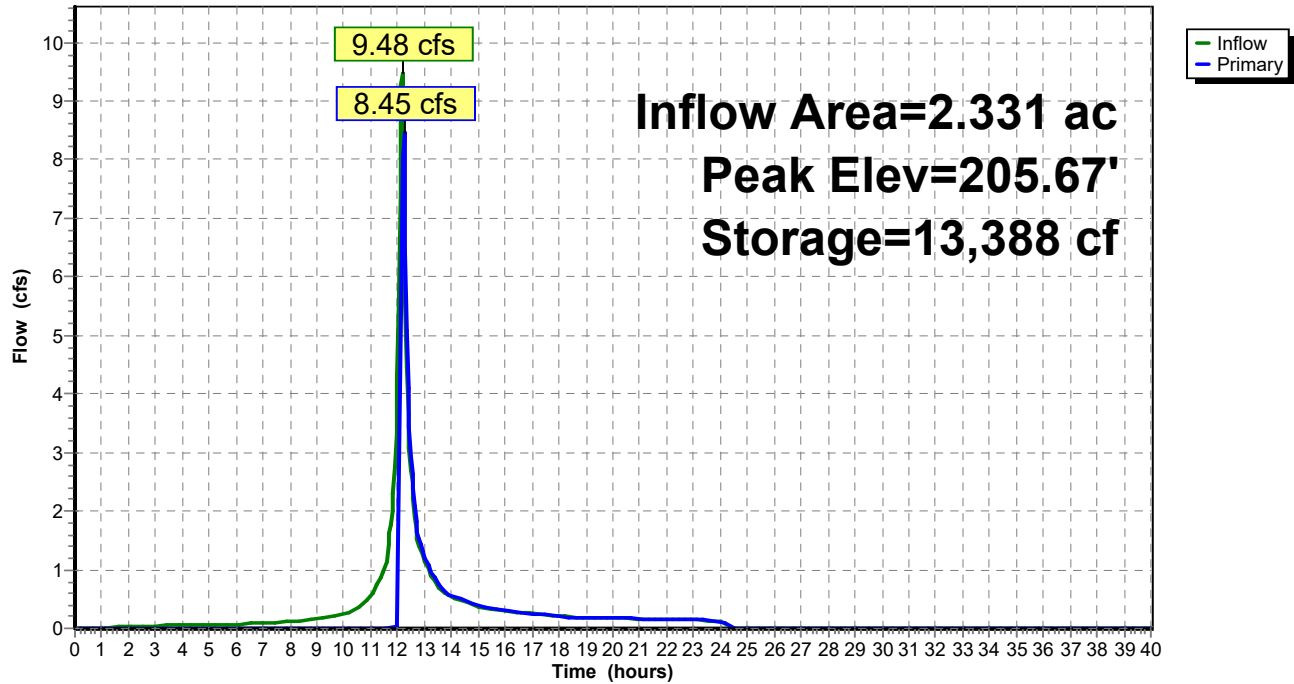
Primary OutFlow Max=8.20 cfs @ 12.23 hrs HW=205.67' (Free Discharge)

1=Broad-Crested Rectangular Weir (Weir Controls 8.20 cfs @ 0.96 fps)
 2=Culvert (Passes < 2.62 cfs potential flow)
 3=Orifice/Grate (Passes < 5.94 cfs potential flow)
 4=Sharp-Crested Rectangular Weir (Passes < 4.64 cfs potential flow)



Pond B-4A: Basin #4A

Hydrograph



Hydrograph for Pond B-4A: Basin #4A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.00	0	203.00	0.00
0.80	0.00	0	203.00	0.00
0.90	0.00	1	203.00	0.00
1.00	0.01	3	203.00	0.00
1.10	0.01	5	203.00	0.00
1.20	0.01	9	203.00	0.00
1.30	0.01	14	203.00	0.00
1.40	0.02	20	203.01	0.00
1.50	0.02	26	203.01	0.00
1.60	0.02	33	203.01	0.00
1.70	0.02	42	203.01	0.00
1.80	0.03	50	203.01	0.00
1.90	0.03	60	203.02	0.00
2.00	0.03	70	203.02	0.00
2.10	0.03	81	203.02	0.00
2.20	0.03	92	203.02	0.00
2.30	0.03	104	203.03	0.00
2.40	0.04	117	203.03	0.00
2.50	0.04	130	203.03	0.00
2.60	0.04	144	203.04	0.00
2.70	0.04	158	203.04	0.00
2.80	0.04	173	203.04	0.00
2.90	0.04	188	203.05	0.00
3.00	0.04	204	203.05	0.00
3.10	0.05	220	203.06	0.00
3.20	0.05	236	203.06	0.00
3.30	0.05	253	203.06	0.00
3.40	0.05	270	203.07	0.00
3.50	0.05	288	203.07	0.00
3.60	0.05	306	203.08	0.00
3.70	0.05	325	203.08	0.00
3.80	0.05	344	203.09	0.00
3.90	0.05	363	203.09	0.00
4.00	0.05	383	203.10	0.00
4.10	0.06	403	203.10	0.00
4.20	0.06	423	203.11	0.00
4.30	0.06	444	203.11	0.00
4.40	0.06	465	203.12	0.00
4.50	0.06	486	203.12	0.00
4.60	0.06	508	203.13	0.00
4.70	0.06	530	203.13	0.00
4.80	0.06	552	203.14	0.00
4.90	0.06	574	203.14	0.00
5.00	0.06	597	203.15	0.00
5.10	0.06	620	203.16	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	644	203.16	0.00
5.30	0.07	668	203.17	0.00
5.40	0.07	692	203.17	0.00
5.50	0.07	716	203.18	0.00
5.60	0.07	740	203.19	0.00
5.70	0.07	765	203.19	0.00
5.80	0.07	790	203.20	0.00
5.90	0.07	816	203.20	0.00
6.00	0.07	841	203.21	0.00
6.10	0.07	867	203.22	0.00
6.20	0.07	894	203.22	0.00
6.30	0.08	921	203.23	0.00
6.40	0.08	949	203.24	0.00
6.50	0.08	977	203.24	0.00
6.60	0.08	1,007	203.25	0.00
6.70	0.08	1,037	203.26	0.00
6.80	0.09	1,068	203.27	0.00
6.90	0.09	1,099	203.27	0.00
7.00	0.09	1,131	203.28	0.00
7.10	0.09	1,165	203.29	0.00
7.20	0.10	1,199	203.30	0.00
7.30	0.10	1,233	203.31	0.00
7.40	0.10	1,269	203.31	0.00
7.50	0.10	1,305	203.32	0.00
7.60	0.10	1,342	203.33	0.00
7.70	0.11	1,379	203.34	0.00
7.80	0.11	1,418	203.35	0.00
7.90	0.11	1,457	203.36	0.00
8.00	0.11	1,497	203.37	0.00
8.10	0.11	1,538	203.38	0.00
8.20	0.12	1,579	203.39	0.00
8.30	0.12	1,622	203.40	0.00
8.40	0.12	1,666	203.41	0.00
8.50	0.13	1,711	203.42	0.00
8.60	0.13	1,758	203.43	0.00
8.70	0.14	1,806	203.44	0.00
8.80	0.14	1,856	203.45	0.00
8.90	0.14	1,907	203.47	0.00
9.00	0.15	1,960	203.48	0.00
9.10	0.15	2,014	203.49	0.00
9.20	0.16	2,072	203.50	0.00
9.30	0.17	2,132	203.52	0.00
9.40	0.19	2,197	203.53	0.00
9.50	0.20	2,266	203.55	0.00
9.60	0.21	2,339	203.56	0.00
9.70	0.22	2,416	203.58	0.00
9.80	0.23	2,498	203.60	0.00
9.90	0.25	2,585	203.62	0.00
10.00	0.26	2,676	203.64	0.00
10.10	0.27	2,772	203.66	0.00
10.20	0.29	2,873	203.69	0.00
10.30	0.30	2,979	203.71	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.32	3,090	203.73	0.00
10.50	0.33	3,206	203.76	0.00
10.60	0.35	3,329	203.79	0.00
10.70	0.39	3,463	203.82	0.00
10.80	0.44	3,613	203.85	0.00
10.90	0.49	3,779	203.88	0.00
11.00	0.54	3,964	203.92	0.00
11.10	0.60	4,168	203.97	0.00
11.20	0.69	4,400	204.02	0.00
11.30	0.78	4,664	204.07	0.00
11.40	0.88	4,963	204.13	0.00
11.50	0.99	5,300	204.20	0.00
11.60	1.21	5,687	204.28	0.00
11.70	1.61	6,199	204.38	0.00
11.80	1.99	6,841	204.51	0.00
11.90	2.74	7,682	204.67	0.00
12.00	4.26	8,909	204.90	0.00
12.10	7.43	10,961	205.26	0.00
12.20	9.19	13,355	205.67	8.06
12.30	5.63	13,217	205.64	6.46
12.40	3.66	12,993	205.61	4.11
12.50	2.70	12,866	205.59	2.94
12.60	2.20	12,797	205.57	2.39
12.70	1.66	12,727	205.56	1.83
12.80	1.44	12,685	205.55	1.52
12.90	1.30	12,658	205.55	1.36
13.00	1.17	12,637	205.55	1.23
13.10	1.05	12,617	205.54	1.10
13.20	0.94	12,598	205.54	0.99
13.30	0.86	12,584	205.54	0.90
13.40	0.79	12,572	205.54	0.83
13.50	0.73	12,561	205.53	0.76
13.60	0.66	12,550	205.53	0.69
13.70	0.61	12,540	205.53	0.63
13.80	0.58	12,534	205.53	0.60
13.90	0.56	12,528	205.53	0.58
14.00	0.54	12,523	205.53	0.56
14.10	0.53	12,518	205.53	0.54
14.20	0.51	12,513	205.53	0.52
14.30	0.49	12,508	205.53	0.50
14.40	0.47	12,504	205.52	0.49
14.50	0.46	12,499	205.52	0.47
14.60	0.44	12,494	205.52	0.45
14.70	0.42	12,489	205.52	0.44
14.80	0.40	12,485	205.52	0.42
14.90	0.39	12,480	205.52	0.40
15.00	0.37	12,475	205.52	0.38
15.10	0.35	12,470	205.52	0.36
15.20	0.34	12,466	205.52	0.35
15.30	0.33	12,462	205.52	0.34
15.40	0.32	12,460	205.52	0.33
15.50	0.32	12,459	205.52	0.32

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	12,458	205.52	0.32
15.70	0.31	12,456	205.52	0.31
15.80	0.31	12,455	205.52	0.31
15.90	0.30	12,454	205.52	0.30
16.00	0.30	12,453	205.52	0.30
16.10	0.29	12,451	205.52	0.30
16.20	0.29	12,450	205.52	0.29
16.30	0.28	12,449	205.52	0.29
16.40	0.28	12,447	205.51	0.28
16.50	0.27	12,446	205.51	0.28
16.60	0.27	12,445	205.51	0.27
16.70	0.26	12,444	205.51	0.27
16.80	0.26	12,442	205.51	0.26
16.90	0.26	12,441	205.51	0.26
17.00	0.25	12,440	205.51	0.25
17.10	0.25	12,439	205.51	0.25
17.20	0.24	12,437	205.51	0.25
17.30	0.24	12,436	205.51	0.24
17.40	0.23	12,435	205.51	0.24
17.50	0.23	12,433	205.51	0.23
17.60	0.22	12,432	205.51	0.23
17.70	0.22	12,431	205.51	0.22
17.80	0.21	12,430	205.51	0.22
17.90	0.21	12,428	205.51	0.21
18.00	0.20	12,427	205.51	0.21
18.10	0.20	12,426	205.51	0.20
18.20	0.20	12,425	205.51	0.20
18.30	0.19	12,424	205.51	0.20
18.40	0.19	12,423	205.51	0.19
18.50	0.19	12,423	205.51	0.19
18.60	0.19	12,422	205.51	0.19
18.70	0.19	12,422	205.51	0.19
18.80	0.19	12,422	205.51	0.19
18.90	0.19	12,421	205.51	0.19
19.00	0.18	12,421	205.51	0.19
19.10	0.18	12,421	205.51	0.18
19.20	0.18	12,420	205.51	0.18
19.30	0.18	12,420	205.51	0.18
19.40	0.18	12,420	205.51	0.18
19.50	0.18	12,420	205.51	0.18
19.60	0.18	12,419	205.51	0.18
19.70	0.18	12,419	205.51	0.18
19.80	0.18	12,419	205.51	0.18
19.90	0.18	12,418	205.51	0.18
20.00	0.17	12,418	205.51	0.17
20.10	0.17	12,418	205.51	0.17
20.20	0.17	12,417	205.51	0.17
20.30	0.17	12,417	205.51	0.17
20.40	0.17	12,417	205.51	0.17
20.50	0.17	12,416	205.51	0.17
20.60	0.17	12,416	205.51	0.17
20.70	0.17	12,416	205.51	0.17

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	12,415	205.51	0.17
20.90	0.16	12,415	205.51	0.16
21.00	0.16	12,415	205.51	0.16
21.10	0.16	12,414	205.51	0.16
21.20	0.16	12,414	205.51	0.16
21.30	0.16	12,414	205.51	0.16
21.40	0.16	12,414	205.51	0.16
21.50	0.16	12,413	205.51	0.16
21.60	0.15	12,413	205.51	0.16
21.70	0.15	12,412	205.51	0.15
21.80	0.15	12,412	205.51	0.15
21.90	0.15	12,412	205.51	0.15
22.00	0.15	12,412	205.51	0.15
22.10	0.15	12,411	205.51	0.15
22.20	0.15	12,411	205.51	0.15
22.30	0.15	12,411	205.51	0.15
22.40	0.15	12,410	205.51	0.15
22.50	0.14	12,410	205.51	0.14
22.60	0.14	12,410	205.51	0.14
22.70	0.14	12,409	205.51	0.14
22.80	0.14	12,409	205.51	0.14
22.90	0.14	12,409	205.51	0.14
23.00	0.14	12,408	205.51	0.14
23.10	0.14	12,408	205.51	0.14
23.20	0.14	12,408	205.51	0.14
23.30	0.13	12,407	205.51	0.14
23.40	0.13	12,407	205.51	0.13
23.50	0.13	12,407	205.51	0.13
23.60	0.13	12,406	205.51	0.13
23.70	0.13	12,406	205.51	0.13
23.80	0.13	12,406	205.51	0.13
23.90	0.13	12,405	205.51	0.13
24.00	0.13	12,406	205.51	0.13
24.10	0.11	12,406	205.51	0.13
24.20	0.03	12,392	205.51	0.08
24.30	0.01	12,379	205.50	0.03
24.40	0.00	12,373	205.50	0.01
24.50	0.00	12,369	205.50	0.01
24.60	0.00	12,366	205.50	0.01
24.70	0.00	12,364	205.50	0.00
24.80	0.00	12,363	205.50	0.00
24.90	0.00	12,362	205.50	0.00
25.00	0.00	12,361	205.50	0.00
25.10	0.00	12,361	205.50	0.00
25.20	0.00	12,360	205.50	0.00
25.30	0.00	12,360	205.50	0.00
25.40	0.00	12,360	205.50	0.00
25.50	0.00	12,360	205.50	0.00
25.60	0.00	12,360	205.50	0.00
25.70	0.00	12,360	205.50	0.00
25.80	0.00	12,360	205.50	0.00
25.90	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,360	205.50	0.00
26.10	0.00	12,360	205.50	0.00
26.20	0.00	12,360	205.50	0.00
26.30	0.00	12,360	205.50	0.00
26.40	0.00	12,360	205.50	0.00
26.50	0.00	12,360	205.50	0.00
26.60	0.00	12,360	205.50	0.00
26.70	0.00	12,360	205.50	0.00
26.80	0.00	12,360	205.50	0.00
26.90	0.00	12,360	205.50	0.00
27.00	0.00	12,360	205.50	0.00
27.10	0.00	12,360	205.50	0.00
27.20	0.00	12,360	205.50	0.00
27.30	0.00	12,360	205.50	0.00
27.40	0.00	12,360	205.50	0.00
27.50	0.00	12,360	205.50	0.00
27.60	0.00	12,360	205.50	0.00
27.70	0.00	12,360	205.50	0.00
27.80	0.00	12,360	205.50	0.00
27.90	0.00	12,360	205.50	0.00
28.00	0.00	12,360	205.50	0.00
28.10	0.00	12,360	205.50	0.00
28.20	0.00	12,360	205.50	0.00
28.30	0.00	12,360	205.50	0.00
28.40	0.00	12,360	205.50	0.00
28.50	0.00	12,360	205.50	0.00
28.60	0.00	12,360	205.50	0.00
28.70	0.00	12,360	205.50	0.00
28.80	0.00	12,360	205.50	0.00
28.90	0.00	12,360	205.50	0.00
29.00	0.00	12,360	205.50	0.00
29.10	0.00	12,360	205.50	0.00
29.20	0.00	12,360	205.50	0.00
29.30	0.00	12,360	205.50	0.00
29.40	0.00	12,360	205.50	0.00
29.50	0.00	12,360	205.50	0.00
29.60	0.00	12,360	205.50	0.00
29.70	0.00	12,360	205.50	0.00
29.80	0.00	12,360	205.50	0.00
29.90	0.00	12,360	205.50	0.00
30.00	0.00	12,360	205.50	0.00
30.10	0.00	12,360	205.50	0.00
30.20	0.00	12,360	205.50	0.00
30.30	0.00	12,360	205.50	0.00
30.40	0.00	12,360	205.50	0.00
30.50	0.00	12,360	205.50	0.00
30.60	0.00	12,360	205.50	0.00
30.70	0.00	12,360	205.50	0.00
30.80	0.00	12,360	205.50	0.00
30.90	0.00	12,360	205.50	0.00
31.00	0.00	12,360	205.50	0.00
31.10	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,360	205.50	0.00
31.30	0.00	12,360	205.50	0.00
31.40	0.00	12,360	205.50	0.00
31.50	0.00	12,360	205.50	0.00
31.60	0.00	12,360	205.50	0.00
31.70	0.00	12,360	205.50	0.00
31.80	0.00	12,360	205.50	0.00
31.90	0.00	12,360	205.50	0.00
32.00	0.00	12,360	205.50	0.00
32.10	0.00	12,360	205.50	0.00
32.20	0.00	12,360	205.50	0.00
32.30	0.00	12,360	205.50	0.00
32.40	0.00	12,360	205.50	0.00
32.50	0.00	12,360	205.50	0.00
32.60	0.00	12,360	205.50	0.00
32.70	0.00	12,360	205.50	0.00
32.80	0.00	12,360	205.50	0.00
32.90	0.00	12,360	205.50	0.00
33.00	0.00	12,360	205.50	0.00
33.10	0.00	12,360	205.50	0.00
33.20	0.00	12,360	205.50	0.00
33.30	0.00	12,360	205.50	0.00
33.40	0.00	12,360	205.50	0.00
33.50	0.00	12,360	205.50	0.00
33.60	0.00	12,360	205.50	0.00
33.70	0.00	12,360	205.50	0.00
33.80	0.00	12,360	205.50	0.00
33.90	0.00	12,360	205.50	0.00
34.00	0.00	12,360	205.50	0.00
34.10	0.00	12,360	205.50	0.00
34.20	0.00	12,360	205.50	0.00
34.30	0.00	12,360	205.50	0.00
34.40	0.00	12,360	205.50	0.00
34.50	0.00	12,360	205.50	0.00
34.60	0.00	12,360	205.50	0.00
34.70	0.00	12,360	205.50	0.00
34.80	0.00	12,360	205.50	0.00
34.90	0.00	12,360	205.50	0.00
35.00	0.00	12,360	205.50	0.00
35.10	0.00	12,360	205.50	0.00
35.20	0.00	12,360	205.50	0.00
35.30	0.00	12,360	205.50	0.00
35.40	0.00	12,360	205.50	0.00
35.50	0.00	12,360	205.50	0.00
35.60	0.00	12,360	205.50	0.00
35.70	0.00	12,360	205.50	0.00
35.80	0.00	12,360	205.50	0.00
35.90	0.00	12,360	205.50	0.00
36.00	0.00	12,360	205.50	0.00
36.10	0.00	12,360	205.50	0.00
36.20	0.00	12,360	205.50	0.00
36.30	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	12,360	205.50	0.00
36.50	0.00	12,360	205.50	0.00
36.60	0.00	12,360	205.50	0.00
36.70	0.00	12,360	205.50	0.00
36.80	0.00	12,360	205.50	0.00
36.90	0.00	12,360	205.50	0.00
37.00	0.00	12,360	205.50	0.00
37.10	0.00	12,360	205.50	0.00
37.20	0.00	12,360	205.50	0.00
37.30	0.00	12,360	205.50	0.00
37.40	0.00	12,360	205.50	0.00
37.50	0.00	12,360	205.50	0.00
37.60	0.00	12,360	205.50	0.00
37.70	0.00	12,360	205.50	0.00
37.80	0.00	12,360	205.50	0.00
37.90	0.00	12,360	205.50	0.00
38.00	0.00	12,360	205.50	0.00
38.10	0.00	12,360	205.50	0.00
38.20	0.00	12,360	205.50	0.00
38.30	0.00	12,360	205.50	0.00
38.40	0.00	12,360	205.50	0.00
38.50	0.00	12,360	205.50	0.00
38.60	0.00	12,360	205.50	0.00
38.70	0.00	12,360	205.50	0.00
38.80	0.00	12,360	205.50	0.00
38.90	0.00	12,360	205.50	0.00
39.00	0.00	12,360	205.50	0.00
39.10	0.00	12,360	205.50	0.00
39.20	0.00	12,360	205.50	0.00
39.30	0.00	12,360	205.50	0.00
39.40	0.00	12,360	205.50	0.00
39.50	0.00	12,360	205.50	0.00
39.60	0.00	12,360	205.50	0.00
39.70	0.00	12,360	205.50	0.00
39.80	0.00	12,360	205.50	0.00
39.90	0.00	12,360	205.50	0.00
40.00	0.00	12,360	205.50	0.00

Stage-Discharge for Pond B-4A: Basin #4A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.00
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.00
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.00
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.00
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.00
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.00
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.00

Stage-Discharge for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.00	205.60	3.72
205.09	0.00	205.61	4.29
205.10	0.00	205.62	4.89
205.11	0.00	205.63	5.52
205.12	0.00	205.64	6.17
205.13	0.00	205.65	6.85
205.14	0.00	205.66	7.55
205.15	0.00	205.67	8.27
205.16	0.00	205.68	9.01
205.17	0.00	205.69	9.78
205.18	0.00	205.70	10.57
205.19	0.00	205.71	11.41
205.20	0.00	205.72	12.28
205.21	0.00	205.73	13.18
205.22	0.00	205.74	14.11
205.23	0.00	205.75	15.05
205.24	0.00		
205.25	0.00		
205.26	0.00		
205.27	0.00		
205.28	0.00		
205.29	0.00		
205.30	0.00		
205.31	0.00		
205.32	0.00		
205.33	0.00		
205.34	0.00		
205.35	0.00		
205.36	0.00		
205.37	0.00		
205.38	0.00		
205.39	0.00		
205.40	0.00		
205.41	0.00		
205.42	0.00		
205.43	0.00		
205.44	0.00		
205.45	0.00		
205.46	0.00		
205.47	0.00		
205.48	0.00		
205.49	0.00		
205.50	0.00		
205.51	0.12		
205.52	0.33		
205.53	0.61		
205.54	0.94		
205.55	1.31		
205.56	1.72		
205.57	2.17		
205.58	2.66		
205.59	3.17		

Stage-Area-Storage for Pond B-4A: Basin #4A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	3,912	0	203.52	4,334	2,144
203.01	3,920	39	203.53	4,342	2,187
203.02	3,928	78	203.54	4,350	2,231
203.03	3,936	118	203.55	4,359	2,274
203.04	3,944	157	203.56	4,367	2,318
203.05	3,953	197	203.57	4,375	2,362
203.06	3,961	236	203.58	4,383	2,406
203.07	3,969	276	203.59	4,391	2,449
203.08	3,977	316	203.60	4,399	2,493
203.09	3,985	355	203.61	4,407	2,537
203.10	3,993	395	203.62	4,415	2,582
203.11	4,001	435	203.63	4,424	2,626
203.12	4,009	475	203.64	4,432	2,670
203.13	4,018	515	203.65	4,440	2,714
203.14	4,026	556	203.66	4,448	2,759
203.15	4,034	596	203.67	4,456	2,803
203.16	4,042	636	203.68	4,464	2,848
203.17	4,050	677	203.69	4,472	2,893
203.18	4,058	717	203.70	4,480	2,937
203.19	4,066	758	203.71	4,489	2,982
203.20	4,074	799	203.72	4,497	3,027
203.21	4,083	839	203.73	4,505	3,072
203.22	4,091	880	203.74	4,513	3,117
203.23	4,099	921	203.75	4,521	3,162
203.24	4,107	962	203.76	4,529	3,208
203.25	4,115	1,003	203.77	4,537	3,253
203.26	4,123	1,045	203.78	4,545	3,298
203.27	4,131	1,086	203.79	4,553	3,344
203.28	4,139	1,127	203.80	4,562	3,389
203.29	4,147	1,169	203.81	4,570	3,435
203.30	4,156	1,210	203.82	4,578	3,481
203.31	4,164	1,252	203.83	4,586	3,527
203.32	4,172	1,293	203.84	4,594	3,573
203.33	4,180	1,335	203.85	4,602	3,619
203.34	4,188	1,377	203.86	4,610	3,665
203.35	4,196	1,419	203.87	4,618	3,711
203.36	4,204	1,461	203.88	4,627	3,757
203.37	4,212	1,503	203.89	4,635	3,803
203.38	4,221	1,545	203.90	4,643	3,850
203.39	4,229	1,587	203.91	4,651	3,896
203.40	4,237	1,630	203.92	4,659	3,943
203.41	4,245	1,672	203.93	4,667	3,989
203.42	4,253	1,715	203.94	4,675	4,036
203.43	4,261	1,757	203.95	4,683	4,083
203.44	4,269	1,800	203.96	4,692	4,130
203.45	4,277	1,843	203.97	4,700	4,177
203.46	4,286	1,885	203.98	4,708	4,224
203.47	4,294	1,928	203.99	4,716	4,271
203.48	4,302	1,971	204.00	4,724	4,318
203.49	4,310	2,014	204.01	4,733	4,365
203.50	4,318	2,058	204.02	4,742	4,413
203.51	4,326	2,101	204.03	4,750	4,460

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	4,759	4,508	204.56	5,217	7,101
204.05	4,768	4,555	204.57	5,226	7,154
204.06	4,777	4,603	204.58	5,234	7,206
204.07	4,786	4,651	204.59	5,243	7,258
204.08	4,794	4,699	204.60	5,252	7,311
204.09	4,803	4,747	204.61	5,261	7,363
204.10	4,812	4,795	204.62	5,270	7,416
204.11	4,821	4,843	204.63	5,278	7,469
204.12	4,830	4,891	204.64	5,287	7,522
204.13	4,838	4,940	204.65	5,296	7,575
204.14	4,847	4,988	204.66	5,305	7,628
204.15	4,856	5,037	204.67	5,314	7,681
204.16	4,865	5,085	204.68	5,322	7,734
204.17	4,874	5,134	204.69	5,331	7,787
204.18	4,882	5,183	204.70	5,340	7,840
204.19	4,891	5,231	204.71	5,349	7,894
204.20	4,900	5,280	204.72	5,358	7,947
204.21	4,909	5,329	204.73	5,366	8,001
204.22	4,918	5,379	204.74	5,375	8,055
204.23	4,926	5,428	204.75	5,384	8,109
204.24	4,935	5,477	204.76	5,393	8,162
204.25	4,944	5,527	204.77	5,402	8,216
204.26	4,953	5,576	204.78	5,410	8,270
204.27	4,962	5,626	204.79	5,419	8,325
204.28	4,970	5,675	204.80	5,428	8,379
204.29	4,979	5,725	204.81	5,437	8,433
204.30	4,988	5,775	204.82	5,446	8,488
204.31	4,997	5,825	204.83	5,454	8,542
204.32	5,006	5,875	204.84	5,463	8,597
204.33	5,014	5,925	204.85	5,472	8,651
204.34	5,023	5,975	204.86	5,481	8,706
204.35	5,032	6,025	204.87	5,490	8,761
204.36	5,041	6,076	204.88	5,498	8,816
204.37	5,050	6,126	204.89	5,507	8,871
204.38	5,058	6,177	204.90	5,516	8,926
204.39	5,067	6,227	204.91	5,525	8,981
204.40	5,076	6,278	204.92	5,534	9,036
204.41	5,085	6,329	204.93	5,542	9,092
204.42	5,094	6,380	204.94	5,551	9,147
204.43	5,102	6,431	204.95	5,560	9,203
204.44	5,111	6,482	204.96	5,569	9,259
204.45	5,120	6,533	204.97	5,578	9,314
204.46	5,129	6,584	204.98	5,586	9,370
204.47	5,138	6,635	204.99	5,595	9,426
204.48	5,146	6,687	205.00	5,604	9,482
204.49	5,155	6,738	205.01	5,610	9,538
204.50	5,164	6,790	205.02	5,616	9,594
204.51	5,173	6,842	205.03	5,622	9,650
204.52	5,182	6,893	205.04	5,628	9,707
204.53	5,190	6,945	205.05	5,634	9,763
204.54	5,199	6,997	205.06	5,640	9,819
204.55	5,208	7,049	205.07	5,646	9,876

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	5,652	9,932	205.60	5,966	12,953
205.09	5,658	9,989	205.61	5,972	13,013
205.10	5,664	10,045	205.62	5,978	13,073
205.11	5,670	10,102	205.63	5,985	13,132
205.12	5,676	10,159	205.64	5,991	13,192
205.13	5,683	10,216	205.65	5,997	13,252
205.14	5,689	10,272	205.66	6,003	13,312
205.15	5,695	10,329	205.67	6,009	13,372
205.16	5,701	10,386	205.68	6,015	13,432
205.17	5,707	10,443	205.69	6,021	13,493
205.18	5,713	10,501	205.70	6,027	13,553
205.19	5,719	10,558	205.71	6,033	13,613
205.20	5,725	10,615	205.72	6,039	13,673
205.21	5,731	10,672	205.73	6,045	13,734
205.22	5,737	10,729	205.74	6,051	13,794
205.23	5,743	10,787	205.75	6,057	13,855
205.24	5,749	10,844			
205.25	5,755	10,902			
205.26	5,761	10,959			
205.27	5,767	11,017			
205.28	5,773	11,075			
205.29	5,779	11,133			
205.30	5,785	11,190			
205.31	5,791	11,248			
205.32	5,797	11,306			
205.33	5,803	11,364			
205.34	5,809	11,422			
205.35	5,815	11,480			
205.36	5,821	11,539			
205.37	5,827	11,597			
205.38	5,834	11,655			
205.39	5,840	11,713			
205.40	5,846	11,772			
205.41	5,852	11,830			
205.42	5,858	11,889			
205.43	5,864	11,948			
205.44	5,870	12,006			
205.45	5,876	12,065			
205.46	5,882	12,124			
205.47	5,888	12,183			
205.48	5,894	12,242			
205.49	5,900	12,300			
205.50	5,906	12,360			
205.51	5,912	12,419			
205.52	5,918	12,478			
205.53	5,924	12,537			
205.54	5,930	12,596			
205.55	5,936	12,656			
205.56	5,942	12,715			
205.57	5,948	12,774			
205.58	5,954	12,834			
205.59	5,960	12,893			

Summary for Pond B-4B: Basin #4B

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 3.97" for Future 10 yr event
 Inflow = 9.48 cfs @ 12.17 hrs, Volume= 0.770 af
 Outflow = 6.33 cfs @ 12.30 hrs, Volume= 0.526 af, Atten= 33%, Lag= 7.4 min
 Primary = 6.33 cfs @ 12.30 hrs, Volume= 0.526 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.55' @ 12.30 hrs Surf.Area= 6,787 sf Storage= 14,235 cf

Plug-Flow detention time= 200.5 min calculated for 0.525 af (68% of inflow)
 Center-of-Mass det. time= 98.3 min (890.4 - 792.1)

Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	15,634 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	4,292	0	0
204.00	5,294	4,793	4,793
205.00	6,393	5,844	10,637
205.75	6,934	4,998	15,634

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 35.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0571 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.77'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Primary	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

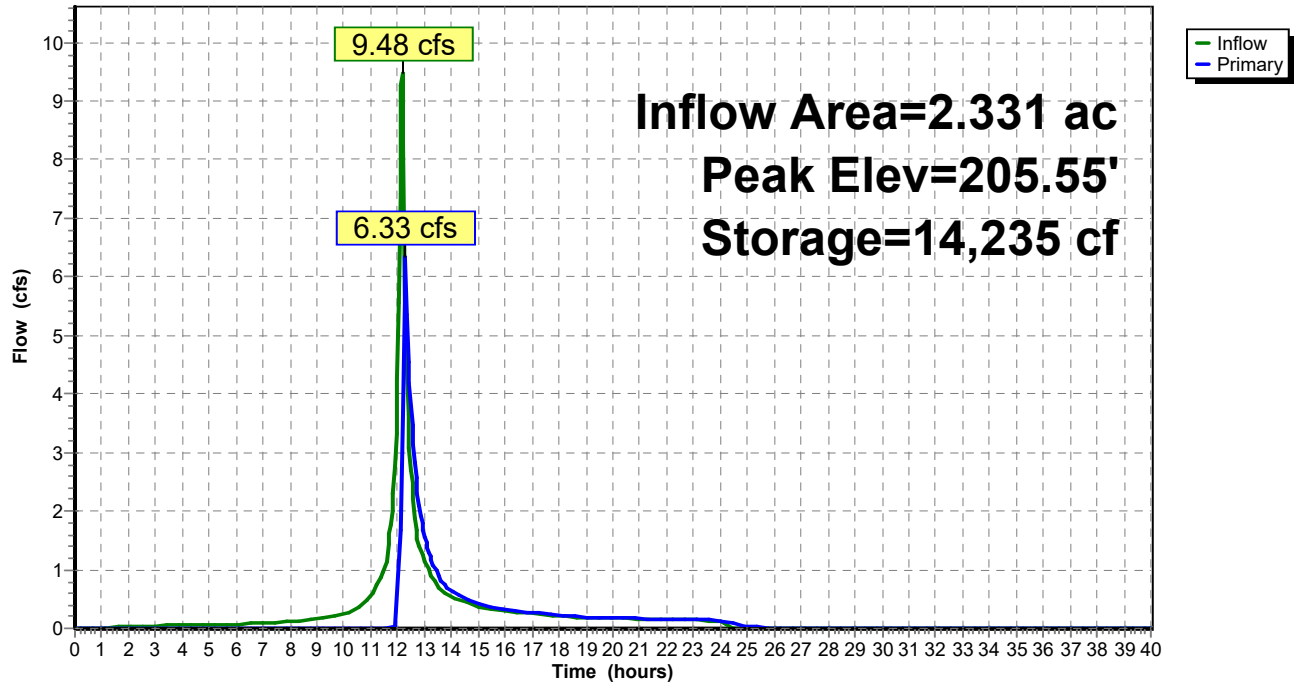
Primary OutFlow Max=6.23 cfs @ 12.30 hrs HW=205.54' (Free Discharge)

1=Broad-Crested Rectangular Weir (Weir Controls 1.12 cfs @ 0.50 fps)
 2=Culvert (Passes < 1.35 cfs potential flow)
 3=Orifice/Grate (Passes < 3.06 cfs potential flow)
 4=Sharp-Crested Rectangular Weir (Weir Controls 5.12 cfs @ 2.41 fps)



Pond B-4B: Basin #4B

Hydrograph



Hydrograph for Pond B-4B: Basin #4B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	0	203.00	0.00
0.60	0.00	0	203.00	0.00
0.70	0.00	0	203.00	0.00
0.80	0.00	0	203.00	0.00
0.90	0.00	1	203.00	0.00
1.00	0.01	3	203.00	0.00
1.10	0.01	5	203.00	0.00
1.20	0.01	9	203.00	0.00
1.30	0.01	14	203.00	0.00
1.40	0.02	20	203.00	0.00
1.50	0.02	26	203.01	0.00
1.60	0.02	33	203.01	0.00
1.70	0.02	42	203.01	0.00
1.80	0.03	50	203.01	0.00
1.90	0.03	60	203.01	0.00
2.00	0.03	70	203.02	0.00
2.10	0.03	81	203.02	0.00
2.20	0.03	92	203.02	0.00
2.30	0.03	104	203.02	0.00
2.40	0.04	117	203.03	0.00
2.50	0.04	130	203.03	0.00
2.60	0.04	144	203.03	0.00
2.70	0.04	158	203.04	0.00
2.80	0.04	173	203.04	0.00
2.90	0.04	188	203.04	0.00
3.00	0.04	204	203.05	0.00
3.10	0.05	220	203.05	0.00
3.20	0.05	236	203.05	0.00
3.30	0.05	253	203.06	0.00
3.40	0.05	270	203.06	0.00
3.50	0.05	288	203.07	0.00
3.60	0.05	306	203.07	0.00
3.70	0.05	325	203.08	0.00
3.80	0.05	344	203.08	0.00
3.90	0.05	363	203.08	0.00
4.00	0.05	383	203.09	0.00
4.10	0.06	403	203.09	0.00
4.20	0.06	423	203.10	0.00
4.30	0.06	444	203.10	0.00
4.40	0.06	465	203.11	0.00
4.50	0.06	486	203.11	0.00
4.60	0.06	508	203.12	0.00
4.70	0.06	530	203.12	0.00
4.80	0.06	552	203.13	0.00
4.90	0.06	574	203.13	0.00
5.00	0.06	597	203.14	0.00
5.10	0.06	620	203.14	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	644	203.15	0.00
5.30	0.07	668	203.15	0.00
5.40	0.07	692	203.16	0.00
5.50	0.07	716	203.16	0.00
5.60	0.07	740	203.17	0.00
5.70	0.07	765	203.17	0.00
5.80	0.07	790	203.18	0.00
5.90	0.07	816	203.19	0.00
6.00	0.07	841	203.19	0.00
6.10	0.07	867	203.20	0.00
6.20	0.07	894	203.20	0.00
6.30	0.08	921	203.21	0.00
6.40	0.08	949	203.22	0.00
6.50	0.08	977	203.22	0.00
6.60	0.08	1,007	203.23	0.00
6.70	0.08	1,037	203.24	0.00
6.80	0.09	1,068	203.24	0.00
6.90	0.09	1,099	203.25	0.00
7.00	0.09	1,131	203.26	0.00
7.10	0.09	1,165	203.26	0.00
7.20	0.10	1,199	203.27	0.00
7.30	0.10	1,233	203.28	0.00
7.40	0.10	1,269	203.29	0.00
7.50	0.10	1,305	203.29	0.00
7.60	0.10	1,342	203.30	0.00
7.70	0.11	1,379	203.31	0.00
7.80	0.11	1,418	203.32	0.00
7.90	0.11	1,457	203.33	0.00
8.00	0.11	1,497	203.34	0.00
8.10	0.11	1,538	203.34	0.00
8.20	0.12	1,579	203.35	0.00
8.30	0.12	1,622	203.36	0.00
8.40	0.12	1,666	203.37	0.00
8.50	0.13	1,711	203.38	0.00
8.60	0.13	1,758	203.39	0.00
8.70	0.14	1,806	203.40	0.00
8.80	0.14	1,856	203.41	0.00
8.90	0.14	1,907	203.42	0.00
9.00	0.15	1,960	203.43	0.00
9.10	0.15	2,014	203.45	0.00
9.20	0.16	2,072	203.46	0.00
9.30	0.17	2,132	203.47	0.00
9.40	0.19	2,197	203.48	0.00
9.50	0.20	2,266	203.50	0.00
9.60	0.21	2,339	203.51	0.00
9.70	0.22	2,416	203.53	0.00
9.80	0.23	2,498	203.55	0.00
9.90	0.25	2,585	203.56	0.00
10.00	0.26	2,676	203.58	0.00
10.10	0.27	2,772	203.60	0.00
10.20	0.29	2,873	203.62	0.00
10.30	0.30	2,979	203.65	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.32	3,090	203.67	0.00
10.50	0.33	3,206	203.69	0.00
10.60	0.35	3,329	203.72	0.00
10.70	0.39	3,463	203.74	0.00
10.80	0.44	3,613	203.77	0.00
10.90	0.49	3,779	203.80	0.00
11.00	0.54	3,964	203.84	0.00
11.10	0.60	4,168	203.88	0.00
11.20	0.69	4,400	203.93	0.00
11.30	0.78	4,664	203.98	0.00
11.40	0.88	4,963	204.03	0.00
11.50	0.99	5,300	204.09	0.00
11.60	1.21	5,687	204.17	0.00
11.70	1.61	6,199	204.26	0.00
11.80	1.99	6,841	204.37	0.00
11.90	2.74	7,682	204.52	0.00
12.00	4.26	8,909	204.72	0.00
12.10	7.43	10,948	205.05	0.14
12.20	9.19	13,473	205.43	3.65
12.30	5.63	14,234	205.55	6.33
12.40	3.66	13,934	205.50	4.54
12.50	2.70	13,556	205.45	3.80
12.60	2.20	13,195	205.39	3.14
12.70	1.66	12,858	205.34	2.56
12.80	1.44	12,577	205.30	2.10
12.90	1.30	12,371	205.27	1.79
13.00	1.17	12,216	205.24	1.56
13.10	1.05	12,089	205.22	1.37
13.20	0.94	11,978	205.21	1.22
13.30	0.86	11,885	205.19	1.10
13.40	0.79	11,805	205.18	1.00
13.50	0.73	11,736	205.17	0.91
13.60	0.66	11,671	205.16	0.84
13.70	0.61	11,611	205.15	0.76
13.80	0.58	11,560	205.14	0.71
13.90	0.56	11,519	205.14	0.66
14.00	0.54	11,487	205.13	0.63
14.10	0.53	11,459	205.13	0.60
14.20	0.51	11,435	205.12	0.57
14.30	0.49	11,414	205.12	0.55
14.40	0.47	11,395	205.12	0.53
14.50	0.46	11,376	205.11	0.51
14.60	0.44	11,358	205.11	0.49
14.70	0.42	11,340	205.11	0.47
14.80	0.40	11,321	205.11	0.45
14.90	0.39	11,303	205.10	0.44
15.00	0.37	11,285	205.10	0.42
15.10	0.35	11,267	205.10	0.40
15.20	0.34	11,249	205.10	0.38
15.30	0.33	11,233	205.09	0.37
15.40	0.32	11,220	205.09	0.36
15.50	0.32	11,210	205.09	0.35

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	11,200	205.09	0.34
15.70	0.31	11,192	205.09	0.33
15.80	0.31	11,185	205.09	0.33
15.90	0.30	11,177	205.08	0.32
16.00	0.30	11,171	205.08	0.31
16.10	0.29	11,165	205.08	0.31
16.20	0.29	11,158	205.08	0.30
16.30	0.28	11,153	205.08	0.30
16.40	0.28	11,147	205.08	0.29
16.50	0.27	11,141	205.08	0.29
16.60	0.27	11,135	205.08	0.29
16.70	0.26	11,129	205.08	0.28
16.80	0.26	11,124	205.08	0.28
16.90	0.26	11,118	205.08	0.27
17.00	0.25	11,112	205.07	0.27
17.10	0.25	11,107	205.07	0.26
17.20	0.24	11,101	205.07	0.26
17.30	0.24	11,096	205.07	0.25
17.40	0.23	11,090	205.07	0.25
17.50	0.23	11,084	205.07	0.24
17.60	0.22	11,079	205.07	0.24
17.70	0.22	11,073	205.07	0.23
17.80	0.21	11,068	205.07	0.23
17.90	0.21	11,062	205.07	0.22
18.00	0.20	11,056	205.07	0.22
18.10	0.20	11,051	205.06	0.21
18.20	0.20	11,045	205.06	0.21
18.30	0.19	11,040	205.06	0.21
18.40	0.19	11,036	205.06	0.20
18.50	0.19	11,032	205.06	0.20
18.60	0.19	11,029	205.06	0.20
18.70	0.19	11,026	205.06	0.20
18.80	0.19	11,023	205.06	0.19
18.90	0.19	11,021	205.06	0.19
19.00	0.18	11,019	205.06	0.19
19.10	0.18	11,016	205.06	0.19
19.20	0.18	11,014	205.06	0.19
19.30	0.18	11,012	205.06	0.19
19.40	0.18	11,010	205.06	0.19
19.50	0.18	11,008	205.06	0.18
19.60	0.18	11,007	205.06	0.18
19.70	0.18	11,005	205.06	0.18
19.80	0.18	11,003	205.06	0.18
19.90	0.18	11,001	205.06	0.18
20.00	0.17	11,000	205.06	0.18
20.10	0.17	10,998	205.06	0.18
20.20	0.17	10,996	205.06	0.18
20.30	0.17	10,994	205.06	0.17
20.40	0.17	10,992	205.06	0.17
20.50	0.17	10,991	205.06	0.17
20.60	0.17	10,989	205.05	0.17
20.70	0.17	10,987	205.05	0.17

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	10,986	205.05	0.17
20.90	0.16	10,984	205.05	0.17
21.00	0.16	10,982	205.05	0.17
21.10	0.16	10,980	205.05	0.17
21.20	0.16	10,978	205.05	0.16
21.30	0.16	10,977	205.05	0.16
21.40	0.16	10,975	205.05	0.16
21.50	0.16	10,973	205.05	0.16
21.60	0.15	10,971	205.05	0.16
21.70	0.15	10,970	205.05	0.16
21.80	0.15	10,968	205.05	0.16
21.90	0.15	10,966	205.05	0.16
22.00	0.15	10,965	205.05	0.15
22.10	0.15	10,963	205.05	0.15
22.20	0.15	10,961	205.05	0.15
22.30	0.15	10,959	205.05	0.15
22.40	0.15	10,957	205.05	0.15
22.50	0.14	10,956	205.05	0.15
22.60	0.14	10,954	205.05	0.15
22.70	0.14	10,952	205.05	0.15
22.80	0.14	10,950	205.05	0.15
22.90	0.14	10,949	205.05	0.14
23.00	0.14	10,947	205.05	0.14
23.10	0.14	10,945	205.05	0.14
23.20	0.14	10,943	205.05	0.14
23.30	0.13	10,941	205.05	0.14
23.40	0.13	10,940	205.05	0.14
23.50	0.13	10,938	205.05	0.14
23.60	0.13	10,936	205.05	0.14
23.70	0.13	10,934	205.05	0.13
23.80	0.13	10,933	205.05	0.13
23.90	0.13	10,931	205.05	0.13
24.00	0.13	10,930	205.05	0.13
24.10	0.11	10,929	205.05	0.13
24.20	0.03	10,909	205.04	0.12
24.30	0.01	10,877	205.04	0.10
24.40	0.00	10,847	205.03	0.08
24.50	0.00	10,821	205.03	0.07
24.60	0.00	10,798	205.03	0.06
24.70	0.00	10,779	205.02	0.05
24.80	0.00	10,762	205.02	0.04
24.90	0.00	10,748	205.02	0.04
25.00	0.00	10,736	205.02	0.03
25.10	0.00	10,726	205.01	0.03
25.20	0.00	10,717	205.01	0.02
25.30	0.00	10,709	205.01	0.02
25.40	0.00	10,703	205.01	0.02
25.50	0.00	10,697	205.01	0.01
25.60	0.00	10,693	205.01	0.01
25.70	0.00	10,689	205.01	0.01
25.80	0.00	10,685	205.01	0.01
25.90	0.00	10,682	205.01	0.01

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,679	205.01	0.01
26.10	0.00	10,677	205.01	0.01
26.20	0.00	10,674	205.01	0.01
26.30	0.00	10,672	205.01	0.01
26.40	0.00	10,670	205.01	0.01
26.50	0.00	10,668	205.00	0.01
26.60	0.00	10,666	205.00	0.01
26.70	0.00	10,664	205.00	0.00
26.80	0.00	10,662	205.00	0.00
26.90	0.00	10,661	205.00	0.00
27.00	0.00	10,659	205.00	0.00
27.10	0.00	10,658	205.00	0.00
27.20	0.00	10,656	205.00	0.00
27.30	0.00	10,655	205.00	0.00
27.40	0.00	10,654	205.00	0.00
27.50	0.00	10,653	205.00	0.00
27.60	0.00	10,652	205.00	0.00
27.70	0.00	10,651	205.00	0.00
27.80	0.00	10,650	205.00	0.00
27.90	0.00	10,649	205.00	0.00
28.00	0.00	10,648	205.00	0.00
28.10	0.00	10,648	205.00	0.00
28.20	0.00	10,647	205.00	0.00
28.30	0.00	10,646	205.00	0.00
28.40	0.00	10,646	205.00	0.00
28.50	0.00	10,645	205.00	0.00
28.60	0.00	10,645	205.00	0.00
28.70	0.00	10,644	205.00	0.00
28.80	0.00	10,644	205.00	0.00
28.90	0.00	10,643	205.00	0.00
29.00	0.00	10,643	205.00	0.00
29.10	0.00	10,642	205.00	0.00
29.20	0.00	10,642	205.00	0.00
29.30	0.00	10,642	205.00	0.00
29.40	0.00	10,641	205.00	0.00
29.50	0.00	10,641	205.00	0.00
29.60	0.00	10,641	205.00	0.00
29.70	0.00	10,641	205.00	0.00
29.80	0.00	10,640	205.00	0.00
29.90	0.00	10,640	205.00	0.00
30.00	0.00	10,640	205.00	0.00
30.10	0.00	10,640	205.00	0.00
30.20	0.00	10,639	205.00	0.00
30.30	0.00	10,639	205.00	0.00
30.40	0.00	10,639	205.00	0.00
30.50	0.00	10,639	205.00	0.00
30.60	0.00	10,639	205.00	0.00
30.70	0.00	10,639	205.00	0.00
30.80	0.00	10,639	205.00	0.00
30.90	0.00	10,638	205.00	0.00
31.00	0.00	10,638	205.00	0.00
31.10	0.00	10,638	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,638	205.00	0.00
31.30	0.00	10,638	205.00	0.00
31.40	0.00	10,638	205.00	0.00
31.50	0.00	10,638	205.00	0.00
31.60	0.00	10,638	205.00	0.00
31.70	0.00	10,638	205.00	0.00
31.80	0.00	10,638	205.00	0.00
31.90	0.00	10,637	205.00	0.00
32.00	0.00	10,637	205.00	0.00
32.10	0.00	10,637	205.00	0.00
32.20	0.00	10,637	205.00	0.00
32.30	0.00	10,637	205.00	0.00
32.40	0.00	10,637	205.00	0.00
32.50	0.00	10,637	205.00	0.00
32.60	0.00	10,637	205.00	0.00
32.70	0.00	10,637	205.00	0.00
32.80	0.00	10,637	205.00	0.00
32.90	0.00	10,637	205.00	0.00
33.00	0.00	10,637	205.00	0.00
33.10	0.00	10,637	205.00	0.00
33.20	0.00	10,637	205.00	0.00
33.30	0.00	10,637	205.00	0.00
33.40	0.00	10,637	205.00	0.00
33.50	0.00	10,637	205.00	0.00
33.60	0.00	10,637	205.00	0.00
33.70	0.00	10,637	205.00	0.00
33.80	0.00	10,637	205.00	0.00
33.90	0.00	10,637	205.00	0.00
34.00	0.00	10,637	205.00	0.00
34.10	0.00	10,637	205.00	0.00
34.20	0.00	10,637	205.00	0.00
34.30	0.00	10,637	205.00	0.00
34.40	0.00	10,637	205.00	0.00
34.50	0.00	10,637	205.00	0.00
34.60	0.00	10,637	205.00	0.00
34.70	0.00	10,637	205.00	0.00
34.80	0.00	10,637	205.00	0.00
34.90	0.00	10,637	205.00	0.00
35.00	0.00	10,637	205.00	0.00
35.10	0.00	10,637	205.00	0.00
35.20	0.00	10,637	205.00	0.00
35.30	0.00	10,637	205.00	0.00
35.40	0.00	10,637	205.00	0.00
35.50	0.00	10,637	205.00	0.00
35.60	0.00	10,637	205.00	0.00
35.70	0.00	10,637	205.00	0.00
35.80	0.00	10,637	205.00	0.00
35.90	0.00	10,637	205.00	0.00
36.00	0.00	10,637	205.00	0.00
36.10	0.00	10,637	205.00	0.00
36.20	0.00	10,637	205.00	0.00
36.30	0.00	10,637	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,637	205.00	0.00
36.50	0.00	10,637	205.00	0.00
36.60	0.00	10,637	205.00	0.00
36.70	0.00	10,637	205.00	0.00
36.80	0.00	10,637	205.00	0.00
36.90	0.00	10,637	205.00	0.00
37.00	0.00	10,637	205.00	0.00
37.10	0.00	10,637	205.00	0.00
37.20	0.00	10,637	205.00	0.00
37.30	0.00	10,637	205.00	0.00
37.40	0.00	10,637	205.00	0.00
37.50	0.00	10,637	205.00	0.00
37.60	0.00	10,637	205.00	0.00
37.70	0.00	10,637	205.00	0.00
37.80	0.00	10,637	205.00	0.00
37.90	0.00	10,637	205.00	0.00
38.00	0.00	10,637	205.00	0.00
38.10	0.00	10,637	205.00	0.00
38.20	0.00	10,637	205.00	0.00
38.30	0.00	10,637	205.00	0.00
38.40	0.00	10,637	205.00	0.00
38.50	0.00	10,637	205.00	0.00
38.60	0.00	10,637	205.00	0.00
38.70	0.00	10,637	205.00	0.00
38.80	0.00	10,637	205.00	0.00
38.90	0.00	10,637	205.00	0.00
39.00	0.00	10,637	205.00	0.00
39.10	0.00	10,637	205.00	0.00
39.20	0.00	10,637	205.00	0.00
39.30	0.00	10,637	205.00	0.00
39.40	0.00	10,637	205.00	0.00
39.50	0.00	10,637	205.00	0.00
39.60	0.00	10,637	205.00	0.00
39.70	0.00	10,637	205.00	0.00
39.80	0.00	10,637	205.00	0.00
39.90	0.00	10,637	205.00	0.00
40.00	0.00	10,637	205.00	0.00

Stage-Discharge for Pond B-4B: Basin #4B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.01
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.04
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.07
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.10
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.15
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.19
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.24

Stage-Discharge for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.29	205.60	9.61
205.09	0.35	205.61	10.33
205.10	0.41	205.62	11.08
205.11	0.47	205.63	11.85
205.12	0.54	205.64	12.65
205.13	0.61	205.65	13.48
205.14	0.68	205.66	14.33
205.15	0.75	205.67	15.20
205.16	0.83	205.68	15.92
205.17	0.91	205.69	16.32
205.18	0.99	205.70	16.71
205.19	1.07	205.71	17.09
205.20	1.16	205.72	17.47
205.21	1.25	205.73	17.85
205.22	1.33	205.74	18.22
205.23	1.43	205.75	18.59
205.24	1.52		
205.25	1.61		
205.26	1.71		
205.27	1.81		
205.28	1.91		
205.29	2.01		
205.30	2.12		
205.31	2.22		
205.32	2.33		
205.33	2.44		
205.34	2.55		
205.35	2.66		
205.36	2.77		
205.37	2.89		
205.38	3.01		
205.39	3.12		
205.40	3.24		
205.41	3.36		
205.42	3.49		
205.43	3.61		
205.44	3.73		
205.45	3.86		
205.46	3.99		
205.47	4.12		
205.48	4.25		
205.49	4.38		
205.50	4.51		
205.51	4.76		
205.52	5.11		
205.53	5.52		
205.54	5.99		
205.55	6.50		
205.56	7.05		
205.57	7.64		
205.58	8.27		
205.59	8.93		

Stage-Area-Storage for Pond B-4B: Basin #4B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	4,292	0	203.52	4,813	2,367
203.01	4,302	43	203.53	4,823	2,415
203.02	4,312	86	203.54	4,833	2,464
203.03	4,322	129	203.55	4,843	2,512
203.04	4,332	172	203.56	4,853	2,561
203.05	4,342	216	203.57	4,863	2,609
203.06	4,352	259	203.58	4,873	2,658
203.07	4,362	303	203.59	4,883	2,707
203.08	4,372	347	203.60	4,893	2,756
203.09	4,382	390	203.61	4,903	2,805
203.10	4,392	434	203.62	4,913	2,854
203.11	4,402	478	203.63	4,923	2,903
203.12	4,412	522	203.64	4,933	2,952
203.13	4,422	566	203.65	4,943	3,001
203.14	4,432	611	203.66	4,953	3,051
203.15	4,442	655	203.67	4,963	3,101
203.16	4,452	700	203.68	4,973	3,150
203.17	4,462	744	203.69	4,983	3,200
203.18	4,472	789	203.70	4,993	3,250
203.19	4,482	834	203.71	5,003	3,300
203.20	4,492	878	203.72	5,013	3,350
203.21	4,502	923	203.73	5,023	3,400
203.22	4,512	968	203.74	5,033	3,450
203.23	4,522	1,014	203.75	5,044	3,501
203.24	4,532	1,059	203.76	5,054	3,551
203.25	4,543	1,104	203.77	5,064	3,602
203.26	4,553	1,150	203.78	5,074	3,653
203.27	4,563	1,195	203.79	5,084	3,703
203.28	4,573	1,241	203.80	5,094	3,754
203.29	4,583	1,287	203.81	5,104	3,805
203.30	4,593	1,333	203.82	5,114	3,856
203.31	4,603	1,379	203.83	5,124	3,907
203.32	4,613	1,425	203.84	5,134	3,959
203.33	4,623	1,471	203.85	5,144	4,010
203.34	4,633	1,517	203.86	5,154	4,062
203.35	4,643	1,564	203.87	5,164	4,113
203.36	4,653	1,610	203.88	5,174	4,165
203.37	4,663	1,657	203.89	5,184	4,217
203.38	4,673	1,703	203.90	5,194	4,269
203.39	4,683	1,750	203.91	5,204	4,321
203.40	4,693	1,797	203.92	5,214	4,373
203.41	4,703	1,844	203.93	5,224	4,425
203.42	4,713	1,891	203.94	5,234	4,477
203.43	4,723	1,938	203.95	5,244	4,530
203.44	4,733	1,985	203.96	5,254	4,582
203.45	4,743	2,033	203.97	5,264	4,635
203.46	4,753	2,080	203.98	5,274	4,687
203.47	4,763	2,128	203.99	5,284	4,740
203.48	4,773	2,176	204.00	5,294	4,793
203.49	4,783	2,223	204.01	5,305	4,846
203.50	4,793	2,271	204.02	5,316	4,899
203.51	4,803	2,319	204.03	5,327	4,952

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	5,338	5,006	204.56	5,909	7,930
204.05	5,349	5,059	204.57	5,920	7,989
204.06	5,360	5,113	204.58	5,931	8,048
204.07	5,371	5,166	204.59	5,942	8,108
204.08	5,382	5,220	204.60	5,953	8,167
204.09	5,393	5,274	204.61	5,964	8,227
204.10	5,404	5,328	204.62	5,975	8,287
204.11	5,415	5,382	204.63	5,986	8,346
204.12	5,426	5,436	204.64	5,997	8,406
204.13	5,437	5,491	204.65	6,008	8,466
204.14	5,448	5,545	204.66	6,019	8,526
204.15	5,459	5,599	204.67	6,030	8,587
204.16	5,470	5,654	204.68	6,041	8,647
204.17	5,481	5,709	204.69	6,052	8,707
204.18	5,492	5,764	204.70	6,063	8,768
204.19	5,503	5,819	204.71	6,074	8,829
204.20	5,514	5,874	204.72	6,085	8,890
204.21	5,525	5,929	204.73	6,096	8,950
204.22	5,536	5,984	204.74	6,107	9,011
204.23	5,547	6,040	204.75	6,118	9,073
204.24	5,558	6,095	204.76	6,129	9,134
204.25	5,569	6,151	204.77	6,140	9,195
204.26	5,580	6,207	204.78	6,151	9,257
204.27	5,591	6,262	204.79	6,162	9,318
204.28	5,602	6,318	204.80	6,173	9,380
204.29	5,613	6,374	204.81	6,184	9,442
204.30	5,624	6,431	204.82	6,195	9,504
204.31	5,635	6,487	204.83	6,206	9,566
204.32	5,646	6,543	204.84	6,217	9,628
204.33	5,657	6,600	204.85	6,228	9,690
204.34	5,668	6,656	204.86	6,239	9,752
204.35	5,679	6,713	204.87	6,250	9,815
204.36	5,690	6,770	204.88	6,261	9,877
204.37	5,701	6,827	204.89	6,272	9,940
204.38	5,712	6,884	204.90	6,283	10,003
204.39	5,723	6,941	204.91	6,294	10,066
204.40	5,734	6,999	204.92	6,305	10,129
204.41	5,745	7,056	204.93	6,316	10,192
204.42	5,756	7,113	204.94	6,327	10,255
204.43	5,767	7,171	204.95	6,338	10,318
204.44	5,778	7,229	204.96	6,349	10,382
204.45	5,789	7,287	204.97	6,360	10,445
204.46	5,800	7,345	204.98	6,371	10,509
204.47	5,811	7,403	204.99	6,382	10,573
204.48	5,822	7,461	205.00	6,393	10,637
204.49	5,833	7,519	205.01	6,400	10,700
204.50	5,844	7,577	205.02	6,407	10,765
204.51	5,854	7,636	205.03	6,415	10,829
204.52	5,865	7,694	205.04	6,422	10,893
204.53	5,876	7,753	205.05	6,429	10,957
204.54	5,887	7,812	205.06	6,436	11,021
204.55	5,898	7,871	205.07	6,443	11,086

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	6,451	11,150	205.60	6,826	14,602
205.09	6,458	11,215	205.61	6,833	14,670
205.10	6,465	11,279	205.62	6,840	14,739
205.11	6,472	11,344	205.63	6,847	14,807
205.12	6,480	11,409	205.64	6,855	14,876
205.13	6,487	11,474	205.65	6,862	14,944
205.14	6,494	11,539	205.66	6,869	15,013
205.15	6,501	11,604	205.67	6,876	15,082
205.16	6,508	11,669	205.68	6,884	15,151
205.17	6,516	11,734	205.69	6,891	15,219
205.18	6,523	11,799	205.70	6,898	15,288
205.19	6,530	11,864	205.71	6,905	15,357
205.20	6,537	11,930	205.72	6,912	15,426
205.21	6,544	11,995	205.73	6,920	15,496
205.22	6,552	12,060	205.74	6,927	15,565
205.23	6,559	12,126	205.75	6,934	15,634
205.24	6,566	12,192			
205.25	6,573	12,257			
205.26	6,581	12,323			
205.27	6,588	12,389			
205.28	6,595	12,455			
205.29	6,602	12,521			
205.30	6,609	12,587			
205.31	6,617	12,653			
205.32	6,624	12,719			
205.33	6,631	12,785			
205.34	6,638	12,852			
205.35	6,645	12,918			
205.36	6,653	12,985			
205.37	6,660	13,051			
205.38	6,667	13,118			
205.39	6,674	13,185			
205.40	6,682	13,251			
205.41	6,689	13,318			
205.42	6,696	13,385			
205.43	6,703	13,452			
205.44	6,710	13,519			
205.45	6,718	13,586			
205.46	6,725	13,654			
205.47	6,732	13,721			
205.48	6,739	13,788			
205.49	6,746	13,856			
205.50	6,754	13,923			
205.51	6,761	13,991			
205.52	6,768	14,058			
205.53	6,775	14,126			
205.54	6,783	14,194			
205.55	6,790	14,262			
205.56	6,797	14,330			
205.57	6,804	14,398			
205.58	6,811	14,466			
205.59	6,819	14,534			

Summary for Pond B-5: Basin #5

Inflow Area = 5.341 ac, 32.20% Impervious, Inflow Depth = 2.66" for Future 10 yr event
 Inflow = 15.70 cfs @ 12.25 hrs, Volume= 1.184 af
 Outflow = 0.28 cfs @ 24.12 hrs, Volume= 0.589 af, Atten= 98%, Lag= 711.8 min
 Primary = 0.28 cfs @ 24.12 hrs, Volume= 0.589 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.98' @ 24.12 hrs Surf.Area= 15,238 sf Storage= 39,958 cf

Plug-Flow detention time= 811.7 min calculated for 0.589 af (50% of inflow)
 Center-of-Mass det. time= 676.3 min (1,556.8 - 880.4)

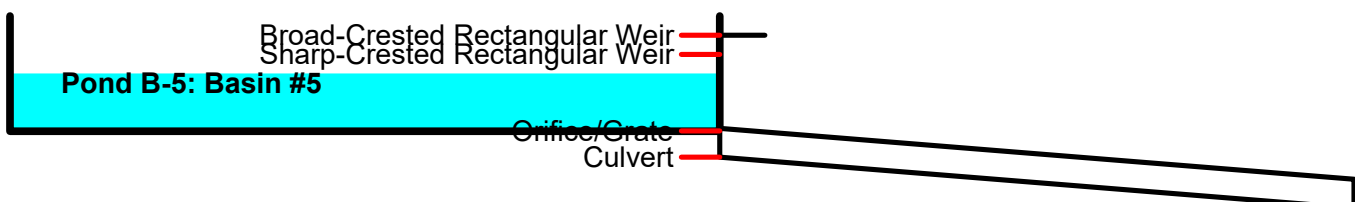
Volume	Invert	Avail.Storage	Storage Description
#1	200.00'	91,976 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

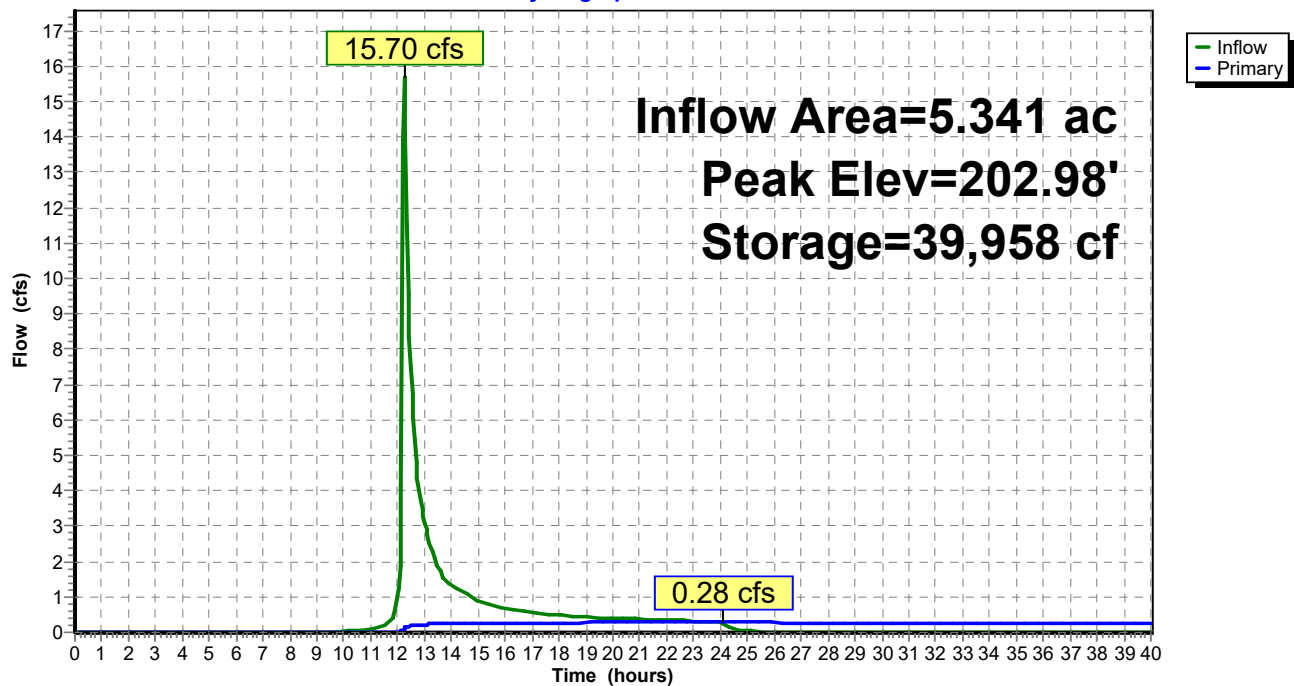
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
200.00	11,631	0	0
201.00	12,798	12,215	12,215
202.00	14,009	13,404	25,618
203.00	15,262	14,636	40,254
204.00	16,558	15,910	56,164
205.00	17,896	17,227	73,391
206.00	19,275	18,586	91,976

Device	Routing	Invert	Outlet Devices
#1	Primary	198.65'	18.0" Round Culvert L= 70.0' Ke= 0.500 Inlet / Outlet Invert= 198.65' / 196.00' S= 0.0379 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	200.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.00'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.28 cfs @ 24.12 hrs HW=202.98' (Free Discharge)

- 1=Culvert (Passes 0.28 cfs of 16.10 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.28 cfs @ 8.14 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-5: Basin #5**Hydrograph**

Hydrograph for Pond B-5: Basin #5

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	200.00	0.00
0.10	0.00	0	200.00	0.00
0.20	0.00	0	200.00	0.00
0.30	0.00	0	200.00	0.00
0.40	0.00	0	200.00	0.00
0.50	0.00	0	200.00	0.00
0.60	0.00	0	200.00	0.00
0.70	0.00	0	200.00	0.00
0.80	0.00	0	200.00	0.00
0.90	0.00	0	200.00	0.00
1.00	0.00	0	200.00	0.00
1.10	0.00	0	200.00	0.00
1.20	0.00	0	200.00	0.00
1.30	0.00	0	200.00	0.00
1.40	0.00	0	200.00	0.00
1.50	0.00	0	200.00	0.00
1.60	0.00	0	200.00	0.00
1.70	0.00	0	200.00	0.00
1.80	0.00	0	200.00	0.00
1.90	0.00	0	200.00	0.00
2.00	0.00	0	200.00	0.00
2.10	0.00	0	200.00	0.00
2.20	0.00	0	200.00	0.00
2.30	0.00	0	200.00	0.00
2.40	0.00	0	200.00	0.00
2.50	0.00	0	200.00	0.00
2.60	0.00	0	200.00	0.00
2.70	0.00	0	200.00	0.00
2.80	0.00	0	200.00	0.00
2.90	0.00	0	200.00	0.00
3.00	0.00	0	200.00	0.00
3.10	0.00	0	200.00	0.00
3.20	0.00	0	200.00	0.00
3.30	0.00	0	200.00	0.00
3.40	0.00	0	200.00	0.00
3.50	0.00	0	200.00	0.00
3.60	0.00	0	200.00	0.00
3.70	0.00	0	200.00	0.00
3.80	0.00	0	200.00	0.00
3.90	0.00	0	200.00	0.00
4.00	0.00	0	200.00	0.00
4.10	0.00	0	200.00	0.00
4.20	0.00	0	200.00	0.00
4.30	0.00	0	200.00	0.00
4.40	0.00	0	200.00	0.00
4.50	0.00	0	200.00	0.00
4.60	0.00	0	200.00	0.00
4.70	0.00	0	200.00	0.00
4.80	0.00	0	200.00	0.00
4.90	0.00	0	200.00	0.00
5.00	0.00	0	200.00	0.00
5.10	0.00	0	200.00	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	200.00	0.00
5.30	0.00	0	200.00	0.00
5.40	0.00	0	200.00	0.00
5.50	0.00	0	200.00	0.00
5.60	0.00	0	200.00	0.00
5.70	0.00	0	200.00	0.00
5.80	0.00	0	200.00	0.00
5.90	0.00	0	200.00	0.00
6.00	0.00	0	200.00	0.00
6.10	0.00	0	200.00	0.00
6.20	0.00	0	200.00	0.00
6.30	0.00	0	200.00	0.00
6.40	0.00	0	200.00	0.00
6.50	0.00	0	200.00	0.00
6.60	0.00	0	200.00	0.00
6.70	0.00	0	200.00	0.00
6.80	0.00	0	200.00	0.00
6.90	0.00	0	200.00	0.00
7.00	0.00	0	200.00	0.00
7.10	0.00	0	200.00	0.00
7.20	0.00	0	200.00	0.00
7.30	0.00	0	200.00	0.00
7.40	0.00	0	200.00	0.00
7.50	0.00	0	200.00	0.00
7.60	0.00	0	200.00	0.00
7.70	0.00	0	200.00	0.00
7.80	0.00	0	200.00	0.00
7.90	0.00	0	200.00	0.00
8.00	0.00	0	200.00	0.00
8.10	0.00	0	200.00	0.00
8.20	0.00	0	200.00	0.00
8.30	0.00	0	200.00	0.00
8.40	0.00	1	200.00	0.00
8.50	0.00	1	200.00	0.00
8.60	0.00	2	200.00	0.00
8.70	0.00	4	200.00	0.00
8.80	0.01	6	200.00	0.00
8.90	0.01	8	200.00	0.00
9.00	0.01	10	200.00	0.00
9.10	0.01	13	200.00	0.00
9.20	0.01	16	200.00	0.00
9.30	0.01	20	200.00	0.00
9.40	0.01	24	200.00	0.00
9.50	0.01	29	200.00	0.00
9.60	0.02	35	200.00	0.00
9.70	0.02	41	200.00	0.00
9.80	0.02	48	200.00	0.00
9.90	0.02	57	200.00	0.00
10.00	0.03	66	200.01	0.00
10.10	0.03	75	200.01	0.00
10.20	0.03	86	200.01	0.00
10.30	0.04	99	200.01	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.04	112	200.01	0.00
10.50	0.04	126	200.01	0.00
10.60	0.05	142	200.01	0.00
10.70	0.05	160	200.01	0.00
10.80	0.06	181	200.02	0.00
10.90	0.07	204	200.02	0.00
11.00	0.08	232	200.02	0.00
11.10	0.09	263	200.02	0.00
11.20	0.11	300	200.03	0.00
11.30	0.13	343	200.03	0.00
11.40	0.15	394	200.03	0.00
11.50	0.18	453	200.04	0.00
11.60	0.22	523	200.04	0.00
11.70	0.31	620	200.05	0.00
11.80	0.40	745	200.06	0.00
11.90	0.57	916	200.08	0.01
12.00	0.93	1,176	200.10	0.01
12.10	1.87	1,647	200.14	0.02
12.20	13.93	3,796	200.32	0.07
12.30	14.18	9,114	200.75	0.13
12.40	9.57	13,276	201.08	0.16
12.50	7.43	16,255	201.31	0.18
12.60	6.09	18,617	201.49	0.19
12.70	4.82	20,507	201.63	0.20
12.80	4.00	22,009	201.74	0.21
12.90	3.48	23,276	201.83	0.21
13.00	3.09	24,378	201.91	0.22
13.10	2.75	25,349	201.98	0.22
13.20	2.46	26,205	202.04	0.23
13.30	2.22	26,964	202.10	0.23
13.40	2.03	27,646	202.14	0.23
13.50	1.86	28,262	202.19	0.24
13.60	1.70	28,818	202.23	0.24
13.70	1.56	29,318	202.26	0.24
13.80	1.46	29,771	202.29	0.24
13.90	1.38	30,195	202.32	0.24
14.00	1.33	30,595	202.35	0.24
14.10	1.27	30,974	202.38	0.25
14.20	1.23	31,335	202.40	0.25
14.30	1.18	31,678	202.42	0.25
14.40	1.14	32,006	202.45	0.25
14.50	1.10	32,318	202.47	0.25
14.60	1.06	32,616	202.49	0.25
14.70	1.02	32,899	202.51	0.25
14.80	0.98	33,168	202.53	0.25
14.90	0.94	33,421	202.54	0.26
15.00	0.90	33,661	202.56	0.26
15.10	0.86	33,885	202.58	0.26
15.20	0.82	34,096	202.59	0.26
15.30	0.79	34,294	202.60	0.26
15.40	0.77	34,482	202.62	0.26
15.50	0.76	34,664	202.63	0.26

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.74	34,840	202.64	0.26
15.70	0.73	35,012	202.65	0.26
15.80	0.72	35,178	202.66	0.26
15.90	0.71	35,340	202.67	0.26
16.00	0.69	35,498	202.68	0.26
16.10	0.68	35,651	202.69	0.26
16.20	0.67	35,801	202.70	0.26
16.30	0.66	35,946	202.71	0.26
16.40	0.65	36,088	202.72	0.26
16.50	0.64	36,225	202.73	0.27
16.60	0.63	36,358	202.74	0.27
16.70	0.62	36,487	202.75	0.27
16.80	0.61	36,612	202.76	0.27
16.90	0.60	36,734	202.77	0.27
17.00	0.59	36,851	202.77	0.27
17.10	0.58	36,965	202.78	0.27
17.20	0.57	37,074	202.79	0.27
17.30	0.56	37,180	202.80	0.27
17.40	0.55	37,281	202.80	0.27
17.50	0.53	37,379	202.81	0.27
17.60	0.52	37,473	202.82	0.27
17.70	0.51	37,562	202.82	0.27
17.80	0.50	37,648	202.83	0.27
17.90	0.49	37,730	202.83	0.27
18.00	0.48	37,808	202.84	0.27
18.10	0.47	37,882	202.84	0.27
18.20	0.46	37,953	202.85	0.27
18.30	0.45	38,019	202.85	0.27
18.40	0.45	38,084	202.86	0.27
18.50	0.44	38,146	202.86	0.27
18.60	0.44	38,207	202.87	0.27
18.70	0.44	38,267	202.87	0.27
18.80	0.43	38,326	202.87	0.27
18.90	0.43	38,383	202.88	0.27
19.00	0.43	38,439	202.88	0.27
19.10	0.42	38,494	202.88	0.27
19.20	0.42	38,548	202.89	0.27
19.30	0.42	38,600	202.89	0.27
19.40	0.42	38,652	202.89	0.27
19.50	0.41	38,703	202.90	0.27
19.60	0.41	38,752	202.90	0.27
19.70	0.41	38,801	202.90	0.27
19.80	0.40	38,849	202.91	0.27
19.90	0.40	38,895	202.91	0.27
20.00	0.40	38,941	202.91	0.27
20.10	0.40	38,986	202.92	0.27
20.20	0.39	39,029	202.92	0.27
20.30	0.39	39,072	202.92	0.27
20.40	0.39	39,114	202.93	0.27
20.50	0.39	39,154	202.93	0.27
20.60	0.38	39,194	202.93	0.27
20.70	0.38	39,232	202.93	0.28

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.38	39,270	202.94	0.28
20.90	0.38	39,307	202.94	0.28
21.00	0.37	39,342	202.94	0.28
21.10	0.37	39,377	202.94	0.28
21.20	0.37	39,410	202.94	0.28
21.30	0.36	39,443	202.95	0.28
21.40	0.36	39,474	202.95	0.28
21.50	0.36	39,505	202.95	0.28
21.60	0.36	39,535	202.95	0.28
21.70	0.35	39,564	202.95	0.28
21.80	0.35	39,591	202.96	0.28
21.90	0.35	39,618	202.96	0.28
22.00	0.35	39,644	202.96	0.28
22.10	0.34	39,668	202.96	0.28
22.20	0.34	39,692	202.96	0.28
22.30	0.34	39,715	202.96	0.28
22.40	0.34	39,737	202.97	0.28
22.50	0.33	39,757	202.97	0.28
22.60	0.33	39,777	202.97	0.28
22.70	0.33	39,796	202.97	0.28
22.80	0.33	39,814	202.97	0.28
22.90	0.32	39,831	202.97	0.28
23.00	0.32	39,846	202.97	0.28
23.10	0.32	39,861	202.97	0.28
23.20	0.31	39,875	202.98	0.28
23.30	0.31	39,888	202.98	0.28
23.40	0.31	39,900	202.98	0.28
23.50	0.31	39,911	202.98	0.28
23.60	0.30	39,920	202.98	0.28
23.70	0.30	39,929	202.98	0.28
23.80	0.30	39,937	202.98	0.28
23.90	0.30	39,944	202.98	0.28
24.00	0.30	39,951	202.98	0.28
24.10	0.29	39,958	202.98	0.28
24.20	0.21	39,949	202.98	0.28
24.30	0.13	39,909	202.98	0.28
24.40	0.09	39,849	202.97	0.28
24.50	0.08	39,780	202.97	0.28
24.60	0.06	39,706	202.96	0.28
24.70	0.05	39,627	202.96	0.28
24.80	0.05	39,546	202.95	0.28
24.90	0.04	39,462	202.95	0.28
25.00	0.03	39,375	202.94	0.28
25.10	0.03	39,287	202.94	0.28
25.20	0.02	39,197	202.93	0.27
25.30	0.02	39,106	202.92	0.27
25.40	0.02	39,014	202.92	0.27
25.50	0.01	38,921	202.91	0.27
25.60	0.01	38,827	202.91	0.27
25.70	0.01	38,732	202.90	0.27
25.80	0.01	38,637	202.89	0.27
25.90	0.01	38,542	202.89	0.27

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	38,447	202.88	0.27
26.10	0.01	38,352	202.87	0.27
26.20	0.01	38,256	202.87	0.27
26.30	0.01	38,161	202.86	0.27
26.40	0.01	38,065	202.86	0.27
26.50	0.01	37,970	202.85	0.27
26.60	0.01	37,874	202.84	0.27
26.70	0.00	37,778	202.84	0.27
26.80	0.00	37,683	202.83	0.27
26.90	0.00	37,587	202.82	0.27
27.00	0.00	37,492	202.82	0.27
27.10	0.00	37,396	202.81	0.27
27.20	0.00	37,301	202.80	0.27
27.30	0.00	37,205	202.80	0.27
27.40	0.00	37,110	202.79	0.27
27.50	0.00	37,014	202.79	0.27
27.60	0.00	36,919	202.78	0.27
27.70	0.00	36,824	202.77	0.27
27.80	0.00	36,729	202.77	0.27
27.90	0.00	36,634	202.76	0.27
28.00	0.00	36,538	202.75	0.27
28.10	0.00	36,443	202.75	0.27
28.20	0.00	36,348	202.74	0.27
28.30	0.00	36,254	202.73	0.27
28.40	0.00	36,159	202.73	0.26
28.50	0.00	36,064	202.72	0.26
28.60	0.00	35,969	202.72	0.26
28.70	0.00	35,875	202.71	0.26
28.80	0.00	35,780	202.70	0.26
28.90	0.00	35,686	202.70	0.26
29.00	0.00	35,592	202.69	0.26
29.10	0.00	35,497	202.68	0.26
29.20	0.00	35,403	202.68	0.26
29.30	0.00	35,309	202.67	0.26
29.40	0.00	35,215	202.67	0.26
29.50	0.00	35,122	202.66	0.26
29.60	0.00	35,028	202.65	0.26
29.70	0.00	34,934	202.65	0.26
29.80	0.00	34,841	202.64	0.26
29.90	0.00	34,747	202.63	0.26
30.00	0.00	34,654	202.63	0.26
30.10	0.00	34,561	202.62	0.26
30.20	0.00	34,468	202.61	0.26
30.30	0.00	34,375	202.61	0.26
30.40	0.00	34,282	202.60	0.26
30.50	0.00	34,189	202.60	0.26
30.60	0.00	34,096	202.59	0.26
30.70	0.00	34,004	202.58	0.26
30.80	0.00	33,911	202.58	0.26
30.90	0.00	33,819	202.57	0.26
31.00	0.00	33,726	202.56	0.26
31.10	0.00	33,634	202.56	0.26

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	33,542	202.55	0.26
31.30	0.00	33,450	202.55	0.26
31.40	0.00	33,359	202.54	0.26
31.50	0.00	33,267	202.53	0.25
31.60	0.00	33,175	202.53	0.25
31.70	0.00	33,084	202.52	0.25
31.80	0.00	32,993	202.51	0.25
31.90	0.00	32,901	202.51	0.25
32.00	0.00	32,810	202.50	0.25
32.10	0.00	32,719	202.50	0.25
32.20	0.00	32,628	202.49	0.25
32.30	0.00	32,538	202.48	0.25
32.40	0.00	32,447	202.48	0.25
32.50	0.00	32,356	202.47	0.25
32.60	0.00	32,266	202.46	0.25
32.70	0.00	32,176	202.46	0.25
32.80	0.00	32,085	202.45	0.25
32.90	0.00	31,995	202.45	0.25
33.00	0.00	31,905	202.44	0.25
33.10	0.00	31,816	202.43	0.25
33.20	0.00	31,726	202.43	0.25
33.30	0.00	31,636	202.42	0.25
33.40	0.00	31,547	202.42	0.25
33.50	0.00	31,457	202.41	0.25
33.60	0.00	31,368	202.40	0.25
33.70	0.00	31,279	202.40	0.25
33.80	0.00	31,190	202.39	0.25
33.90	0.00	31,101	202.38	0.25
34.00	0.00	31,012	202.38	0.25
34.10	0.00	30,924	202.37	0.25
34.20	0.00	30,835	202.37	0.25
34.30	0.00	30,747	202.36	0.25
34.40	0.00	30,659	202.35	0.25
34.50	0.00	30,570	202.35	0.24
34.60	0.00	30,482	202.34	0.24
34.70	0.00	30,394	202.34	0.24
34.80	0.00	30,307	202.33	0.24
34.90	0.00	30,219	202.32	0.24
35.00	0.00	30,131	202.32	0.24
35.10	0.00	30,044	202.31	0.24
35.20	0.00	29,957	202.31	0.24
35.30	0.00	29,869	202.30	0.24
35.40	0.00	29,782	202.29	0.24
35.50	0.00	29,695	202.29	0.24
35.60	0.00	29,609	202.28	0.24
35.70	0.00	29,522	202.28	0.24
35.80	0.00	29,435	202.27	0.24
35.90	0.00	29,349	202.26	0.24
36.00	0.00	29,262	202.26	0.24
36.10	0.00	29,176	202.25	0.24
36.20	0.00	29,090	202.25	0.24
36.30	0.00	29,004	202.24	0.24

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	28,918	202.23	0.24
36.50	0.00	28,833	202.23	0.24
36.60	0.00	28,747	202.22	0.24
36.70	0.00	28,661	202.22	0.24
36.80	0.00	28,576	202.21	0.24
36.90	0.00	28,491	202.20	0.24
37.00	0.00	28,406	202.20	0.24
37.10	0.00	28,321	202.19	0.24
37.20	0.00	28,236	202.19	0.24
37.30	0.00	28,151	202.18	0.24
37.40	0.00	28,066	202.17	0.23
37.50	0.00	27,982	202.17	0.23
37.60	0.00	27,897	202.16	0.23
37.70	0.00	27,813	202.16	0.23
37.80	0.00	27,729	202.15	0.23
37.90	0.00	27,645	202.14	0.23
38.00	0.00	27,561	202.14	0.23
38.10	0.00	27,477	202.13	0.23
38.20	0.00	27,394	202.13	0.23
38.30	0.00	27,310	202.12	0.23
38.40	0.00	27,227	202.11	0.23
38.50	0.00	27,143	202.11	0.23
38.60	0.00	27,060	202.10	0.23
38.70	0.00	26,977	202.10	0.23
38.80	0.00	26,894	202.09	0.23
38.90	0.00	26,811	202.08	0.23
39.00	0.00	26,729	202.08	0.23
39.10	0.00	26,646	202.07	0.23
39.20	0.00	26,564	202.07	0.23
39.30	0.00	26,481	202.06	0.23
39.40	0.00	26,399	202.06	0.23
39.50	0.00	26,317	202.05	0.23
39.60	0.00	26,235	202.04	0.23
39.70	0.00	26,153	202.04	0.23
39.80	0.00	26,072	202.03	0.23
39.90	0.00	25,990	202.03	0.23
40.00	0.00	25,909	202.02	0.23

Stage-Discharge for Pond B-5: Basin #5

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
200.00	0.00	200.52	0.10	201.04	0.16	201.56	0.20
200.01	0.00	200.53	0.10	201.05	0.16	201.57	0.20
200.02	0.00	200.54	0.11	201.06	0.16	201.58	0.20
200.03	0.00	200.55	0.11	201.07	0.16	201.59	0.20
200.04	0.00	200.56	0.11	201.08	0.16	201.60	0.20
200.05	0.00	200.57	0.11	201.09	0.16	201.61	0.20
200.06	0.00	200.58	0.11	201.10	0.16	201.62	0.20
200.07	0.00	200.59	0.11	201.11	0.16	201.63	0.20
200.08	0.01	200.60	0.11	201.12	0.16	201.64	0.20
200.09	0.01	200.61	0.11	201.13	0.16	201.65	0.20
200.10	0.01	200.62	0.12	201.14	0.17	201.66	0.20
200.11	0.01	200.63	0.12	201.15	0.17	201.67	0.20
200.12	0.02	200.64	0.12	201.16	0.17	201.68	0.20
200.13	0.02	200.65	0.12	201.17	0.17	201.69	0.21
200.14	0.02	200.66	0.12	201.18	0.17	201.70	0.21
200.15	0.03	200.67	0.12	201.19	0.17	201.71	0.21
200.16	0.03	200.68	0.12	201.20	0.17	201.72	0.21
200.17	0.03	200.69	0.12	201.21	0.17	201.73	0.21
200.18	0.04	200.70	0.12	201.22	0.17	201.74	0.21
200.19	0.04	200.71	0.13	201.23	0.17	201.75	0.21
200.20	0.05	200.72	0.13	201.24	0.17	201.76	0.21
200.21	0.05	200.73	0.13	201.25	0.17	201.77	0.21
200.22	0.05	200.74	0.13	201.26	0.17	201.78	0.21
200.23	0.05	200.75	0.13	201.27	0.18	201.79	0.21
200.24	0.06	200.76	0.13	201.28	0.18	201.80	0.21
200.25	0.06	200.77	0.13	201.29	0.18	201.81	0.21
200.26	0.06	200.78	0.13	201.30	0.18	201.82	0.21
200.27	0.06	200.79	0.13	201.31	0.18	201.83	0.21
200.28	0.06	200.80	0.13	201.32	0.18	201.84	0.22
200.29	0.07	200.81	0.14	201.33	0.18	201.85	0.22
200.30	0.07	200.82	0.14	201.34	0.18	201.86	0.22
200.31	0.07	200.83	0.14	201.35	0.18	201.87	0.22
200.32	0.07	200.84	0.14	201.36	0.18	201.88	0.22
200.33	0.07	200.85	0.14	201.37	0.18	201.89	0.22
200.34	0.08	200.86	0.14	201.38	0.18	201.90	0.22
200.35	0.08	200.87	0.14	201.39	0.18	201.91	0.22
200.36	0.08	200.88	0.14	201.40	0.19	201.92	0.22
200.37	0.08	200.89	0.14	201.41	0.19	201.93	0.22
200.38	0.08	200.90	0.14	201.42	0.19	201.94	0.22
200.39	0.08	200.91	0.15	201.43	0.19	201.95	0.22
200.40	0.09	200.92	0.15	201.44	0.19	201.96	0.22
200.41	0.09	200.93	0.15	201.45	0.19	201.97	0.22
200.42	0.09	200.94	0.15	201.46	0.19	201.98	0.22
200.43	0.09	200.95	0.15	201.47	0.19	201.99	0.22
200.44	0.09	200.96	0.15	201.48	0.19	202.00	0.22
200.45	0.09	200.97	0.15	201.49	0.19	202.01	0.23
200.46	0.10	200.98	0.15	201.50	0.19	202.02	0.23
200.47	0.10	200.99	0.15	201.51	0.19	202.03	0.23
200.48	0.10	201.00	0.15	201.52	0.19	202.04	0.23
200.49	0.10	201.01	0.15	201.53	0.19	202.05	0.23
200.50	0.10	201.02	0.16	201.54	0.20	202.06	0.23
200.51	0.10	201.03	0.16	201.55	0.20	202.07	0.23

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.08	0.23	202.60	0.26	203.12	0.28	203.64	0.31
202.09	0.23	202.61	0.26	203.13	0.28	203.65	0.31
202.10	0.23	202.62	0.26	203.14	0.29	203.66	0.31
202.11	0.23	202.63	0.26	203.15	0.29	203.67	0.31
202.12	0.23	202.64	0.26	203.16	0.29	203.68	0.31
202.13	0.23	202.65	0.26	203.17	0.29	203.69	0.31
202.14	0.23	202.66	0.26	203.18	0.29	203.70	0.31
202.15	0.23	202.67	0.26	203.19	0.29	203.71	0.31
202.16	0.23	202.68	0.26	203.20	0.29	203.72	0.31
202.17	0.23	202.69	0.26	203.21	0.29	203.73	0.31
202.18	0.24	202.70	0.26	203.22	0.29	203.74	0.31
202.19	0.24	202.71	0.26	203.23	0.29	203.75	0.31
202.20	0.24	202.72	0.26	203.24	0.29	203.76	0.31
202.21	0.24	202.73	0.26	203.25	0.29	203.77	0.31
202.22	0.24	202.74	0.27	203.26	0.29	203.78	0.31
202.23	0.24	202.75	0.27	203.27	0.29	203.79	0.31
202.24	0.24	202.76	0.27	203.28	0.29	203.80	0.31
202.25	0.24	202.77	0.27	203.29	0.29	203.81	0.32
202.26	0.24	202.78	0.27	203.30	0.29	203.82	0.32
202.27	0.24	202.79	0.27	203.31	0.29	203.83	0.32
202.28	0.24	202.80	0.27	203.32	0.29	203.84	0.32
202.29	0.24	202.81	0.27	203.33	0.29	203.85	0.32
202.30	0.24	202.82	0.27	203.34	0.29	203.86	0.32
202.31	0.24	202.83	0.27	203.35	0.29	203.87	0.32
202.32	0.24	202.84	0.27	203.36	0.30	203.88	0.32
202.33	0.24	202.85	0.27	203.37	0.30	203.89	0.32
202.34	0.24	202.86	0.27	203.38	0.30	203.90	0.32
202.35	0.24	202.87	0.27	203.39	0.30	203.91	0.32
202.36	0.25	202.88	0.27	203.40	0.30	203.92	0.32
202.37	0.25	202.89	0.27	203.41	0.30	203.93	0.32
202.38	0.25	202.90	0.27	203.42	0.30	203.94	0.32
202.39	0.25	202.91	0.27	203.43	0.30	203.95	0.32
202.40	0.25	202.92	0.27	203.44	0.30	203.96	0.32
202.41	0.25	202.93	0.27	203.45	0.30	203.97	0.32
202.42	0.25	202.94	0.28	203.46	0.30	203.98	0.32
202.43	0.25	202.95	0.28	203.47	0.30	203.99	0.32
202.44	0.25	202.96	0.28	203.48	0.30	204.00	0.32
202.45	0.25	202.97	0.28	203.49	0.30	204.01	0.34
202.46	0.25	202.98	0.28	203.50	0.30	204.02	0.36
202.47	0.25	202.99	0.28	203.51	0.30	204.03	0.39
202.48	0.25	203.00	0.28	203.52	0.30	204.04	0.43
202.49	0.25	203.01	0.28	203.53	0.30	204.05	0.47
202.50	0.25	203.02	0.28	203.54	0.30	204.06	0.52
202.51	0.25	203.03	0.28	203.55	0.30	204.07	0.57
202.52	0.25	203.04	0.28	203.56	0.30	204.08	0.62
202.53	0.25	203.05	0.28	203.57	0.30	204.09	0.68
202.54	0.26	203.06	0.28	203.58	0.31	204.10	0.74
202.55	0.26	203.07	0.28	203.59	0.31	204.11	0.80
202.56	0.26	203.08	0.28	203.60	0.31	204.12	0.87
202.57	0.26	203.09	0.28	203.61	0.31	204.13	0.94
202.58	0.26	203.10	0.28	203.62	0.31	204.14	1.01
202.59	0.26	203.11	0.28	203.63	0.31	204.15	1.08

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.16	1.16	204.68	7.44	205.20	27.10	205.72	106.34
204.17	1.24	204.69	7.59	205.21	28.14	205.73	108.14
204.18	1.32	204.70	7.74	205.22	29.21	205.74	109.95
204.19	1.40	204.71	7.90	205.23	30.30	205.75	111.78
204.20	1.49	204.72	8.06	205.24	31.42	205.76	113.62
204.21	1.58	204.73	8.21	205.25	32.56	205.77	115.47
204.22	1.67	204.74	8.37	205.26	33.73	205.78	117.33
204.23	1.76	204.75	8.53	205.27	34.93	205.79	119.20
204.24	1.85	204.76	8.69	205.28	36.15	205.80	121.09
204.25	1.95	204.77	8.85	205.29	37.40	205.81	123.03
204.26	2.05	204.78	9.01	205.30	38.67	205.82	124.98
204.27	2.14	204.79	9.18	205.31	39.97	205.83	126.94
204.28	2.25	204.80	9.34	205.32	41.29	205.84	128.92
204.29	2.35	204.81	9.50	205.33	42.64	205.85	130.90
204.30	2.45	204.82	9.67	205.34	44.01	205.86	132.91
204.31	2.56	204.83	9.84	205.35	45.40	205.87	134.92
204.32	2.67	204.84	10.00	205.36	46.83	205.88	136.95
204.33	2.78	204.85	10.17	205.37	48.27	205.89	138.99
204.34	2.89	204.86	10.34	205.38	49.74	205.90	141.05
204.35	3.00	204.87	10.51	205.39	51.24	205.91	143.11
204.36	3.11	204.88	10.68	205.40	52.76	205.92	145.19
204.37	3.23	204.89	10.85	205.41	54.33	205.93	147.29
204.38	3.34	204.90	11.02	205.42	55.86	205.94	149.39
204.39	3.46	204.91	11.20	205.43	57.30	205.95	151.51
204.40	3.58	204.92	11.37	205.44	58.76	205.96	153.64
204.41	3.70	204.93	11.55	205.45	60.25	205.97	155.79
204.42	3.83	204.94	11.72	205.46	61.76	205.98	157.94
204.43	3.95	204.95	11.90	205.47	63.30	205.99	160.11
204.44	4.07	204.96	12.07	205.48	64.87	206.00	162.29
204.45	4.20	204.97	12.25	205.49	66.46		
204.46	4.33	204.98	12.43	205.50	68.08		
204.47	4.46	204.99	12.61	205.51	69.73		
204.48	4.59	205.00	12.79	205.52	71.40		
204.49	4.72	205.01	13.09	205.53	73.10		
204.50	4.85	205.02	13.48	205.54	74.82		
204.51	4.99	205.03	13.94	205.55	76.57		
204.52	5.12	205.04	14.45	205.56	78.35		
204.53	5.26	205.05	15.01	205.57	80.16		
204.54	5.40	205.06	15.61	205.58	81.99		
204.55	5.53	205.07	16.24	205.59	83.85		
204.56	5.67	205.08	16.91	205.60	85.74		
204.57	5.81	205.09	17.61	205.61	87.38		
204.58	5.96	205.10	18.34	205.62	89.04		
204.59	6.10	205.11	19.11	205.63	90.71		
204.60	6.24	205.12	19.89	205.64	92.39		
204.61	6.39	205.13	20.71	205.65	94.09		
204.62	6.54	205.14	21.55	205.66	95.80		
204.63	6.68	205.15	22.42	205.67	97.53		
204.64	6.83	205.16	23.31	205.68	99.26		
204.65	6.98	205.17	24.22	205.69	101.01		
204.66	7.13	205.18	25.16	205.70	102.78		
204.67	7.28	205.19	26.12	205.71	104.55		

Stage-Area-Storage for Pond B-5: Basin #5

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.00	11,631	0	200.52	12,238	6,206
200.01	11,643	116	200.53	12,250	6,328
200.02	11,654	233	200.54	12,261	6,451
200.03	11,666	349	200.55	12,273	6,574
200.04	11,678	466	200.56	12,285	6,696
200.05	11,689	583	200.57	12,296	6,819
200.06	11,701	700	200.58	12,308	6,942
200.07	11,713	817	200.59	12,320	7,065
200.08	11,724	934	200.60	12,331	7,189
200.09	11,736	1,052	200.61	12,343	7,312
200.10	11,748	1,169	200.62	12,355	7,436
200.11	11,759	1,286	200.63	12,366	7,559
200.12	11,771	1,404	200.64	12,378	7,683
200.13	11,783	1,522	200.65	12,390	7,807
200.14	11,794	1,640	200.66	12,401	7,931
200.15	11,806	1,758	200.67	12,413	8,055
200.16	11,818	1,876	200.68	12,425	8,179
200.17	11,829	1,994	200.69	12,436	8,303
200.18	11,841	2,112	200.70	12,448	8,428
200.19	11,853	2,231	200.71	12,460	8,552
200.20	11,864	2,350	200.72	12,471	8,677
200.21	11,876	2,468	200.73	12,483	8,802
200.22	11,888	2,587	200.74	12,495	8,926
200.23	11,899	2,706	200.75	12,506	9,051
200.24	11,911	2,825	200.76	12,518	9,177
200.25	11,923	2,944	200.77	12,530	9,302
200.26	11,934	3,064	200.78	12,541	9,427
200.27	11,946	3,183	200.79	12,553	9,553
200.28	11,958	3,302	200.80	12,565	9,678
200.29	11,969	3,422	200.81	12,576	9,804
200.30	11,981	3,542	200.82	12,588	9,930
200.31	11,993	3,662	200.83	12,600	10,056
200.32	12,004	3,782	200.84	12,611	10,182
200.33	12,016	3,902	200.85	12,623	10,308
200.34	12,028	4,022	200.86	12,635	10,434
200.35	12,039	4,142	200.87	12,646	10,561
200.36	12,051	4,263	200.88	12,658	10,687
200.37	12,063	4,383	200.89	12,670	10,814
200.38	12,074	4,504	200.90	12,681	10,941
200.39	12,086	4,625	200.91	12,693	11,067
200.40	12,098	4,746	200.92	12,705	11,194
200.41	12,109	4,867	200.93	12,716	11,321
200.42	12,121	4,988	200.94	12,728	11,449
200.43	12,133	5,109	200.95	12,740	11,576
200.44	12,144	5,231	200.96	12,751	11,704
200.45	12,156	5,352	200.97	12,763	11,831
200.46	12,168	5,474	200.98	12,775	11,959
200.47	12,179	5,595	200.99	12,786	12,087
200.48	12,191	5,717	201.00	12,798	12,215
200.49	12,203	5,839	201.01	12,810	12,343
200.50	12,215	5,961	201.02	12,822	12,471
200.51	12,226	6,084	201.03	12,834	12,599

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.04	12,846	12,727	201.56	13,476	19,571
201.05	12,859	12,856	201.57	13,488	19,706
201.06	12,871	12,985	201.58	13,500	19,841
201.07	12,883	13,113	201.59	13,512	19,976
201.08	12,895	13,242	201.60	13,525	20,111
201.09	12,907	13,371	201.61	13,537	20,247
201.10	12,919	13,500	201.62	13,549	20,382
201.11	12,931	13,630	201.63	13,561	20,518
201.12	12,943	13,759	201.64	13,573	20,653
201.13	12,955	13,888	201.65	13,585	20,789
201.14	12,968	14,018	201.66	13,597	20,925
201.15	12,980	14,148	201.67	13,609	21,061
201.16	12,992	14,278	201.68	13,621	21,197
201.17	13,004	14,408	201.69	13,634	21,333
201.18	13,016	14,538	201.70	13,646	21,470
201.19	13,028	14,668	201.71	13,658	21,606
201.20	13,040	14,798	201.72	13,670	21,743
201.21	13,052	14,929	201.73	13,682	21,880
201.22	13,064	15,059	201.74	13,694	22,017
201.23	13,077	15,190	201.75	13,706	22,154
201.24	13,089	15,321	201.76	13,718	22,291
201.25	13,101	15,452	201.77	13,730	22,428
201.26	13,113	15,583	201.78	13,743	22,565
201.27	13,125	15,714	201.79	13,755	22,703
201.28	13,137	15,845	201.80	13,767	22,840
201.29	13,149	15,977	201.81	13,779	22,978
201.30	13,161	16,108	201.82	13,791	23,116
201.31	13,173	16,240	201.83	13,803	23,254
201.32	13,186	16,372	201.84	13,815	23,392
201.33	13,198	16,504	201.85	13,827	23,530
201.34	13,210	16,636	201.86	13,839	23,669
201.35	13,222	16,768	201.87	13,852	23,807
201.36	13,234	16,900	201.88	13,864	23,946
201.37	13,246	17,033	201.89	13,876	24,084
201.38	13,258	17,165	201.90	13,888	24,223
201.39	13,270	17,298	201.91	13,900	24,362
201.40	13,282	17,431	201.92	13,912	24,501
201.41	13,295	17,563	201.93	13,924	24,640
201.42	13,307	17,696	201.94	13,936	24,780
201.43	13,319	17,830	201.95	13,948	24,919
201.44	13,331	17,963	201.96	13,961	25,059
201.45	13,343	18,096	201.97	13,973	25,198
201.46	13,355	18,230	201.98	13,985	25,338
201.47	13,367	18,363	201.99	13,997	25,478
201.48	13,379	18,497	202.00	14,009	25,618
201.49	13,391	18,631	202.01	14,022	25,758
201.50	13,404	18,765	202.02	14,034	25,898
201.51	13,416	18,899	202.03	14,047	26,039
201.52	13,428	19,033	202.04	14,059	26,179
201.53	13,440	19,168	202.05	14,072	26,320
201.54	13,452	19,302	202.06	14,084	26,461
201.55	13,464	19,437	202.07	14,097	26,602

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.08	14,109	26,743	202.60	14,761	34,249
202.09	14,122	26,884	202.61	14,773	34,397
202.10	14,134	27,025	202.62	14,786	34,544
202.11	14,147	27,167	202.63	14,798	34,692
202.12	14,159	27,308	202.64	14,811	34,840
202.13	14,172	27,450	202.65	14,823	34,989
202.14	14,184	27,592	202.66	14,836	35,137
202.15	14,197	27,733	202.67	14,849	35,285
202.16	14,209	27,875	202.68	14,861	35,434
202.17	14,222	28,018	202.69	14,874	35,582
202.18	14,235	28,160	202.70	14,886	35,731
202.19	14,247	28,302	202.71	14,899	35,880
202.20	14,260	28,445	202.72	14,911	36,029
202.21	14,272	28,588	202.73	14,924	36,178
202.22	14,285	28,730	202.74	14,936	36,328
202.23	14,297	28,873	202.75	14,949	36,477
202.24	14,310	29,016	202.76	14,961	36,627
202.25	14,322	29,159	202.77	14,974	36,776
202.26	14,335	29,303	202.78	14,986	36,926
202.27	14,347	29,446	202.79	14,999	37,076
202.28	14,360	29,590	202.80	15,011	37,226
202.29	14,372	29,733	202.81	15,024	37,376
202.30	14,385	29,877	202.82	15,036	37,527
202.31	14,397	30,021	202.83	15,049	37,677
202.32	14,410	30,165	202.84	15,062	37,828
202.33	14,422	30,309	202.85	15,074	37,978
202.34	14,435	30,453	202.86	15,087	38,129
202.35	14,448	30,598	202.87	15,099	38,280
202.36	14,460	30,742	202.88	15,112	38,431
202.37	14,473	30,887	202.89	15,124	38,582
202.38	14,485	31,032	202.90	15,137	38,734
202.39	14,498	31,177	202.91	15,149	38,885
202.40	14,510	31,322	202.92	15,162	39,037
202.41	14,523	31,467	202.93	15,174	39,188
202.42	14,535	31,612	202.94	15,187	39,340
202.43	14,548	31,758	202.95	15,199	39,492
202.44	14,560	31,903	202.96	15,212	39,644
202.45	14,573	32,049	202.97	15,224	39,796
202.46	14,585	32,195	202.98	15,237	39,949
202.47	14,598	32,341	202.99	15,249	40,101
202.48	14,610	32,487	203.00	15,262	40,254
202.49	14,623	32,633	203.01	15,275	40,406
202.50	14,636	32,779	203.02	15,288	40,559
202.51	14,648	32,926	203.03	15,301	40,712
202.52	14,661	33,072	203.04	15,314	40,865
202.53	14,673	33,219	203.05	15,327	41,018
202.54	14,686	33,366	203.06	15,340	41,172
202.55	14,698	33,512	203.07	15,353	41,325
202.56	14,711	33,660	203.08	15,366	41,479
202.57	14,723	33,807	203.09	15,379	41,632
202.58	14,736	33,954	203.10	15,392	41,786
202.59	14,748	34,101	203.11	15,405	41,940

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.12	15,418	42,094	203.64	16,091	50,287
203.13	15,430	42,249	203.65	16,104	50,448
203.14	15,443	42,403	203.66	16,117	50,609
203.15	15,456	42,557	203.67	16,130	50,770
203.16	15,469	42,712	203.68	16,143	50,931
203.17	15,482	42,867	203.69	16,156	51,093
203.18	15,495	43,022	203.70	16,169	51,254
203.19	15,508	43,177	203.71	16,182	51,416
203.20	15,521	43,332	203.72	16,195	51,578
203.21	15,534	43,487	203.73	16,208	51,740
203.22	15,547	43,643	203.74	16,221	51,902
203.23	15,560	43,798	203.75	16,234	52,065
203.24	15,573	43,954	203.76	16,247	52,227
203.25	15,586	44,110	203.77	16,260	52,389
203.26	15,599	44,265	203.78	16,273	52,552
203.27	15,612	44,421	203.79	16,286	52,715
203.28	15,625	44,578	203.80	16,299	52,878
203.29	15,638	44,734	203.81	16,312	53,041
203.30	15,651	44,890	203.82	16,325	53,204
203.31	15,664	45,047	203.83	16,338	53,367
203.32	15,677	45,204	203.84	16,351	53,531
203.33	15,690	45,361	203.85	16,364	53,694
203.34	15,703	45,517	203.86	16,377	53,858
203.35	15,716	45,675	203.87	16,390	54,022
203.36	15,729	45,832	203.88	16,402	54,186
203.37	15,742	45,989	203.89	16,415	54,350
203.38	15,754	46,147	203.90	16,428	54,514
203.39	15,767	46,304	203.91	16,441	54,679
203.40	15,780	46,462	203.92	16,454	54,843
203.41	15,793	46,620	203.93	16,467	55,008
203.42	15,806	46,778	203.94	16,480	55,172
203.43	15,819	46,936	203.95	16,493	55,337
203.44	15,832	47,094	203.96	16,506	55,502
203.45	15,845	47,253	203.97	16,519	55,667
203.46	15,858	47,411	203.98	16,532	55,833
203.47	15,871	47,570	203.99	16,545	55,998
203.48	15,884	47,729	204.00	16,558	56,164
203.49	15,897	47,887	204.01	16,571	56,329
203.50	15,910	48,047	204.02	16,585	56,495
203.51	15,923	48,206	204.03	16,598	56,661
203.52	15,936	48,365	204.04	16,612	56,827
203.53	15,949	48,524	204.05	16,625	56,993
203.54	15,962	48,684	204.06	16,638	57,159
203.55	15,975	48,844	204.07	16,652	57,326
203.56	15,988	49,003	204.08	16,665	57,492
203.57	16,001	49,163	204.09	16,678	57,659
203.58	16,014	49,323	204.10	16,692	57,826
203.59	16,027	49,484	204.11	16,705	57,993
203.60	16,040	49,644	204.12	16,719	58,160
203.61	16,053	49,804	204.13	16,732	58,327
203.62	16,066	49,965	204.14	16,745	58,495
203.63	16,078	50,126	204.15	16,759	58,662

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.16	16,772	58,830	204.68	17,468	67,732
204.17	16,785	58,998	204.69	17,481	67,907
204.18	16,799	59,166	204.70	17,495	68,082
204.19	16,812	59,334	204.71	17,508	68,257
204.20	16,826	59,502	204.72	17,521	68,432
204.21	16,839	59,670	204.73	17,535	68,607
204.22	16,852	59,839	204.74	17,548	68,783
204.23	16,866	60,007	204.75	17,562	68,958
204.24	16,879	60,176	204.76	17,575	69,134
204.25	16,893	60,345	204.77	17,588	69,310
204.26	16,906	60,514	204.78	17,602	69,486
204.27	16,919	60,683	204.79	17,615	69,662
204.28	16,933	60,852	204.80	17,628	69,838
204.29	16,946	61,022	204.81	17,642	70,014
204.30	16,959	61,191	204.82	17,655	70,191
204.31	16,973	61,361	204.83	17,669	70,368
204.32	16,986	61,531	204.84	17,682	70,544
204.33	17,000	61,700	204.85	17,695	70,721
204.34	17,013	61,871	204.86	17,709	70,898
204.35	17,026	62,041	204.87	17,722	71,075
204.36	17,040	62,211	204.88	17,735	71,253
204.37	17,053	62,382	204.89	17,749	71,430
204.38	17,066	62,552	204.90	17,762	71,608
204.39	17,080	62,723	204.91	17,776	71,785
204.40	17,093	62,894	204.92	17,789	71,963
204.41	17,107	63,065	204.93	17,802	72,141
204.42	17,120	63,236	204.94	17,816	72,319
204.43	17,133	63,407	204.95	17,829	72,497
204.44	17,147	63,579	204.96	17,842	72,676
204.45	17,160	63,750	204.97	17,856	72,854
204.46	17,173	63,922	204.98	17,869	73,033
204.47	17,187	64,094	204.99	17,883	73,212
204.48	17,200	64,265	205.00	17,896	73,391
204.49	17,214	64,438	205.01	17,910	73,570
204.50	17,227	64,610	205.02	17,924	73,749
204.51	17,240	64,782	205.03	17,937	73,928
204.52	17,254	64,955	205.04	17,951	74,107
204.53	17,267	65,127	205.05	17,965	74,287
204.54	17,281	65,300	205.06	17,979	74,467
204.55	17,294	65,473	205.07	17,993	74,647
204.56	17,307	65,646	205.08	18,006	74,827
204.57	17,321	65,819	205.09	18,020	75,007
204.58	17,334	65,992	205.10	18,034	75,187
204.59	17,347	66,166	205.11	18,048	75,367
204.60	17,361	66,339	205.12	18,061	75,548
204.61	17,374	66,513	205.13	18,075	75,729
204.62	17,388	66,687	205.14	18,089	75,909
204.63	17,401	66,861	205.15	18,103	76,090
204.64	17,414	67,035	205.16	18,117	76,272
204.65	17,428	67,209	205.17	18,130	76,453
204.66	17,441	67,383	205.18	18,144	76,634
204.67	17,454	67,558	205.19	18,158	76,816

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.20	18,172	76,997	205.72	18,889	86,633
205.21	18,186	77,179	205.73	18,903	86,822
205.22	18,199	77,361	205.74	18,916	87,011
205.23	18,213	77,543	205.75	18,930	87,200
205.24	18,227	77,725	205.76	18,944	87,390
205.25	18,241	77,908	205.77	18,958	87,579
205.26	18,255	78,090	205.78	18,972	87,769
205.27	18,268	78,273	205.79	18,985	87,959
205.28	18,282	78,455	205.80	18,999	88,149
205.29	18,296	78,638	205.81	19,013	88,339
205.30	18,310	78,821	205.82	19,027	88,529
205.31	18,323	79,005	205.83	19,041	88,719
205.32	18,337	79,188	205.84	19,054	88,910
205.33	18,351	79,371	205.85	19,068	89,100
205.34	18,365	79,555	205.86	19,082	89,291
205.35	18,379	79,739	205.87	19,096	89,482
205.36	18,392	79,922	205.88	19,110	89,673
205.37	18,406	80,106	205.89	19,123	89,864
205.38	18,420	80,291	205.90	19,137	90,055
205.39	18,434	80,475	205.91	19,151	90,247
205.40	18,448	80,659	205.92	19,165	90,438
205.41	18,461	80,844	205.93	19,178	90,630
205.42	18,475	81,028	205.94	19,192	90,822
205.43	18,489	81,213	205.95	19,206	91,014
205.44	18,503	81,398	205.96	19,220	91,206
205.45	18,517	81,583	205.97	19,234	91,398
205.46	18,530	81,769	205.98	19,247	91,591
205.47	18,544	81,954	205.99	19,261	91,783
205.48	18,558	82,139	206.00	19,275	91,976
205.49	18,572	82,325			
205.50	18,586	82,511			
205.51	18,599	82,697			
205.52	18,613	82,883			
205.53	18,627	83,069			
205.54	18,641	83,255			
205.55	18,654	83,442			
205.56	18,668	83,628			
205.57	18,682	83,815			
205.58	18,696	84,002			
205.59	18,710	84,189			
205.60	18,723	84,376			
205.61	18,737	84,564			
205.62	18,751	84,751			
205.63	18,765	84,939			
205.64	18,779	85,126			
205.65	18,792	85,314			
205.66	18,806	85,502			
205.67	18,820	85,690			
205.68	18,834	85,879			
205.69	18,848	86,067			
205.70	18,861	86,256			
205.71	18,875	86,444			

Summary for Pond B-6: Basin #6

Inflow Area = 1.191 ac, 58.27% Impervious, Inflow Depth = 4.51" for Future 10 yr event
 Inflow = 5.34 cfs @ 12.17 hrs, Volume= 0.448 af
 Outflow = 0.21 cfs @ 14.88 hrs, Volume= 0.355 af, Atten= 96%, Lag= 162.7 min
 Primary = 0.21 cfs @ 14.88 hrs, Volume= 0.355 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 201.23' @ 14.88 hrs Surf.Area= 6,930 sf Storage= 13,719 cf

Plug-Flow detention time= 714.7 min calculated for 0.355 af (79% of inflow)
 Center-of-Mass det. time= 631.7 min (1,406.2 - 774.5)

Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	35,769 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,389	0	0
200.00	6,060	5,725	5,725
201.00	6,761	6,411	12,135
202.00	7,490	7,126	19,261
203.00	8,247	7,869	27,129
204.00	9,032	8,640	35,769

Device	Routing	Invert	Outlet Devices
#1	Primary	197.65'	18.0" Round Culvert L= 627.0' Ke= 0.500 Inlet / Outlet Invert= 197.65' / 194.00' S= 0.0058 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	199.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	203.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.21 cfs @ 14.88 hrs HW=201.23' (Free Discharge)

1=Culvert (Passes 0.21 cfs of 9.43 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.14 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

Pond B-6: Basin #6

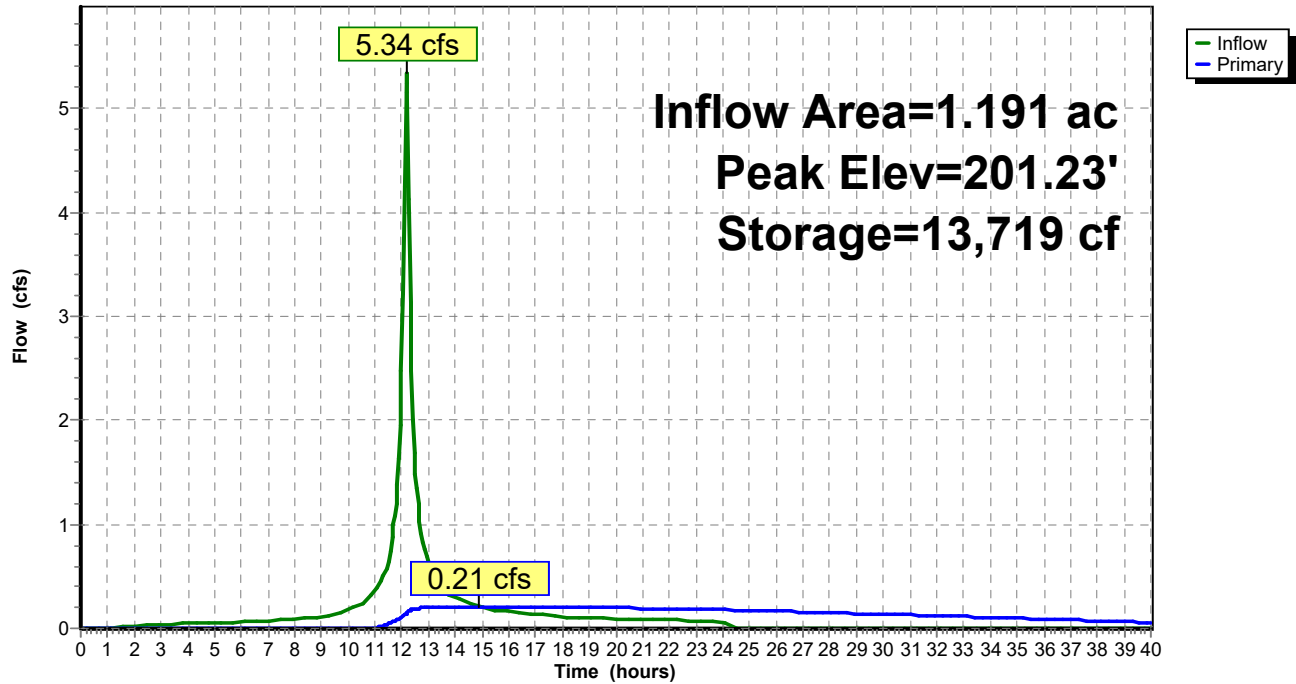
Orifice/Grate

Culvert



Pond B-6: Basin #6

Hydrograph



Hydrograph for Pond B-6: Basin #6

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.00	0	199.00	0.00
0.70	0.00	0	199.00	0.00
0.80	0.00	0	199.00	0.00
0.90	0.00	1	199.00	0.00
1.00	0.01	2	199.00	0.00
1.10	0.01	4	199.00	0.00
1.20	0.01	7	199.00	0.00
1.30	0.01	11	199.00	0.00
1.40	0.01	16	199.00	0.00
1.50	0.02	21	199.00	0.00
1.60	0.02	27	199.00	0.00
1.70	0.02	34	199.01	0.00
1.80	0.02	41	199.01	0.00
1.90	0.02	48	199.01	0.00
2.00	0.02	57	199.01	0.00
2.10	0.02	65	199.01	0.00
2.20	0.03	75	199.01	0.00
2.30	0.03	84	199.02	0.00
2.40	0.03	94	199.02	0.00
2.50	0.03	105	199.02	0.00
2.60	0.03	116	199.02	0.00
2.70	0.03	128	199.02	0.00
2.80	0.03	139	199.03	0.00
2.90	0.03	152	199.03	0.00
3.00	0.04	164	199.03	0.00
3.10	0.04	177	199.03	0.00
3.20	0.04	191	199.04	0.00
3.30	0.04	204	199.04	0.00
3.40	0.04	218	199.04	0.00
3.50	0.04	233	199.04	0.00
3.60	0.04	247	199.05	0.00
3.70	0.04	262	199.05	0.00
3.80	0.04	277	199.05	0.00
3.90	0.04	293	199.05	0.00
4.00	0.04	309	199.06	0.00
4.10	0.05	325	199.06	0.00
4.20	0.05	341	199.06	0.00
4.30	0.05	358	199.07	0.00
4.40	0.05	375	199.07	0.00
4.50	0.05	392	199.07	0.00
4.60	0.05	410	199.08	0.00
4.70	0.05	427	199.08	0.00
4.80	0.05	445	199.08	0.00
4.90	0.05	464	199.09	0.00
5.00	0.05	482	199.09	0.00
5.10	0.05	501	199.09	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	520	199.10	0.00
5.30	0.05	539	199.10	0.00
5.40	0.05	558	199.10	0.00
5.50	0.05	578	199.11	0.00
5.60	0.06	597	199.11	0.00
5.70	0.06	618	199.11	0.00
5.80	0.06	638	199.12	0.00
5.90	0.06	658	199.12	0.00
6.00	0.06	679	199.12	0.00
6.10	0.06	700	199.13	0.00
6.20	0.06	721	199.13	0.00
6.30	0.06	743	199.14	0.00
6.40	0.06	766	199.14	0.00
6.50	0.06	789	199.15	0.00
6.60	0.07	812	199.15	0.00
6.70	0.07	837	199.15	0.00
6.80	0.07	862	199.16	0.00
6.90	0.07	887	199.16	0.00
7.00	0.07	913	199.17	0.00
7.10	0.08	940	199.17	0.00
7.20	0.08	967	199.18	0.00
7.30	0.08	995	199.18	0.00
7.40	0.08	1,024	199.19	0.00
7.50	0.08	1,053	199.19	0.00
7.60	0.08	1,083	199.20	0.00
7.70	0.09	1,113	199.20	0.00
7.80	0.09	1,144	199.21	0.00
7.90	0.09	1,176	199.22	0.00
8.00	0.09	1,208	199.22	0.00
8.10	0.09	1,241	199.23	0.00
8.20	0.09	1,274	199.23	0.00
8.30	0.10	1,308	199.24	0.00
8.40	0.10	1,343	199.25	0.00
8.50	0.10	1,379	199.25	0.00
8.60	0.10	1,416	199.26	0.00
8.70	0.11	1,454	199.27	0.00
8.80	0.11	1,492	199.27	0.00
8.90	0.11	1,531	199.28	0.00
9.00	0.11	1,571	199.29	0.00
9.10	0.12	1,613	199.29	0.00
9.20	0.12	1,655	199.30	0.00
9.30	0.13	1,701	199.31	0.00
9.40	0.14	1,749	199.32	0.00
9.50	0.14	1,799	199.33	0.00
9.60	0.15	1,852	199.34	0.00
9.70	0.16	1,908	199.35	0.00
9.80	0.17	1,967	199.36	0.00
9.90	0.17	2,028	199.37	0.00
10.00	0.18	2,093	199.38	0.00
10.10	0.19	2,160	199.39	0.00
10.20	0.20	2,230	199.40	0.00
10.30	0.21	2,304	199.42	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,380	199.43	0.00
10.50	0.22	2,459	199.44	0.00
10.60	0.24	2,542	199.46	0.00
10.70	0.26	2,632	199.47	0.00
10.80	0.29	2,732	199.49	0.00
10.90	0.32	2,842	199.51	0.00
11.00	0.35	2,962	199.53	0.00
11.10	0.39	3,094	199.55	0.01
11.20	0.44	3,240	199.58	0.01
11.30	0.50	3,403	199.61	0.02
11.40	0.56	3,583	199.64	0.03
11.50	0.62	3,781	199.67	0.04
11.60	0.75	4,005	199.71	0.05
11.70	0.99	4,297	199.76	0.06
11.80	1.20	4,661	199.82	0.08
11.90	1.63	5,135	199.90	0.09
12.00	2.48	5,822	200.02	0.11
12.10	4.24	6,964	200.20	0.13
12.20	5.15	8,703	200.48	0.15
12.30	3.13	10,130	200.70	0.17
12.40	2.01	10,974	200.83	0.18
12.50	1.48	11,525	200.91	0.19
12.60	1.20	11,941	200.97	0.19
12.70	0.91	12,247	201.02	0.20
12.80	0.78	12,478	201.05	0.20
12.90	0.70	12,673	201.08	0.20
13.00	0.63	12,842	201.10	0.20
13.10	0.57	12,986	201.12	0.20
13.20	0.51	13,106	201.14	0.20
13.30	0.47	13,208	201.16	0.20
13.40	0.43	13,295	201.17	0.21
13.50	0.39	13,369	201.18	0.21
13.60	0.36	13,430	201.19	0.21
13.70	0.33	13,478	201.20	0.21
13.80	0.31	13,518	201.20	0.21
13.90	0.30	13,554	201.21	0.21
14.00	0.29	13,586	201.21	0.21
14.10	0.28	13,614	201.22	0.21
14.20	0.27	13,639	201.22	0.21
14.30	0.26	13,661	201.22	0.21
14.40	0.25	13,679	201.23	0.21
14.50	0.25	13,694	201.23	0.21
14.60	0.24	13,705	201.23	0.21
14.70	0.23	13,713	201.23	0.21
14.80	0.22	13,718	201.23	0.21
14.90	0.21	13,719	201.23	0.21
15.00	0.20	13,716	201.23	0.21
15.10	0.19	13,711	201.23	0.21
15.20	0.18	13,702	201.23	0.21
15.30	0.18	13,691	201.23	0.21
15.40	0.17	13,679	201.23	0.21
15.50	0.17	13,666	201.22	0.21

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	13,652	201.22	0.21
15.70	0.17	13,637	201.22	0.21
15.80	0.16	13,621	201.22	0.21
15.90	0.16	13,605	201.21	0.21
16.00	0.16	13,588	201.21	0.21
16.10	0.16	13,570	201.21	0.21
16.20	0.15	13,551	201.21	0.21
16.30	0.15	13,531	201.20	0.21
16.40	0.15	13,510	201.20	0.21
16.50	0.15	13,489	201.20	0.21
16.60	0.14	13,467	201.19	0.21
16.70	0.14	13,444	201.19	0.21
16.80	0.14	13,420	201.19	0.21
16.90	0.14	13,395	201.18	0.21
17.00	0.13	13,369	201.18	0.21
17.10	0.13	13,343	201.18	0.21
17.20	0.13	13,316	201.17	0.21
17.30	0.13	13,288	201.17	0.21
17.40	0.12	13,259	201.16	0.21
17.50	0.12	13,229	201.16	0.20
17.60	0.12	13,199	201.16	0.20
17.70	0.12	13,168	201.15	0.20
17.80	0.11	13,136	201.15	0.20
17.90	0.11	13,103	201.14	0.20
18.00	0.11	13,070	201.14	0.20
18.10	0.11	13,035	201.13	0.20
18.20	0.10	13,000	201.13	0.20
18.30	0.10	12,964	201.12	0.20
18.40	0.10	12,929	201.12	0.20
18.50	0.10	12,893	201.11	0.20
18.60	0.10	12,857	201.11	0.20
18.70	0.10	12,821	201.10	0.20
18.80	0.10	12,785	201.10	0.20
18.90	0.10	12,748	201.09	0.20
19.00	0.10	12,712	201.08	0.20
19.10	0.10	12,676	201.08	0.20
19.20	0.10	12,639	201.07	0.20
19.30	0.10	12,602	201.07	0.20
19.40	0.10	12,566	201.06	0.20
19.50	0.10	12,529	201.06	0.20
19.60	0.09	12,492	201.05	0.20
19.70	0.09	12,455	201.05	0.20
19.80	0.09	12,418	201.04	0.20
19.90	0.09	12,381	201.04	0.20
20.00	0.09	12,343	201.03	0.20
20.10	0.09	12,306	201.03	0.20
20.20	0.09	12,269	201.02	0.20
20.30	0.09	12,231	201.01	0.19
20.40	0.09	12,193	201.01	0.19
20.50	0.09	12,156	201.00	0.19
20.60	0.09	12,118	201.00	0.19
20.70	0.09	12,080	200.99	0.19

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	12,042	200.99	0.19
20.90	0.09	12,004	200.98	0.19
21.00	0.09	11,966	200.97	0.19
21.10	0.09	11,928	200.97	0.19
21.20	0.08	11,889	200.96	0.19
21.30	0.08	11,851	200.96	0.19
21.40	0.08	11,812	200.95	0.19
21.50	0.08	11,774	200.95	0.19
21.60	0.08	11,735	200.94	0.19
21.70	0.08	11,696	200.93	0.19
21.80	0.08	11,658	200.93	0.19
21.90	0.08	11,619	200.92	0.19
22.00	0.08	11,580	200.92	0.19
22.10	0.08	11,541	200.91	0.19
22.20	0.08	11,502	200.91	0.19
22.30	0.08	11,463	200.90	0.19
22.40	0.08	11,423	200.89	0.19
22.50	0.08	11,384	200.89	0.19
22.60	0.08	11,344	200.88	0.19
22.70	0.08	11,305	200.88	0.19
22.80	0.07	11,265	200.87	0.18
22.90	0.07	11,226	200.86	0.18
23.00	0.07	11,186	200.86	0.18
23.10	0.07	11,146	200.85	0.18
23.20	0.07	11,107	200.85	0.18
23.30	0.07	11,067	200.84	0.18
23.40	0.07	11,027	200.83	0.18
23.50	0.07	10,986	200.83	0.18
23.60	0.07	10,946	200.82	0.18
23.70	0.07	10,906	200.82	0.18
23.80	0.07	10,866	200.81	0.18
23.90	0.07	10,826	200.80	0.18
24.00	0.07	10,786	200.80	0.18
24.10	0.06	10,746	200.79	0.18
24.20	0.02	10,695	200.78	0.18
24.30	0.00	10,634	200.78	0.18
24.40	0.00	10,571	200.77	0.18
24.50	0.00	10,508	200.76	0.18
24.60	0.00	10,445	200.75	0.18
24.70	0.00	10,382	200.74	0.17
24.80	0.00	10,319	200.73	0.17
24.90	0.00	10,256	200.72	0.17
25.00	0.00	10,194	200.71	0.17
25.10	0.00	10,132	200.70	0.17
25.20	0.00	10,071	200.69	0.17
25.30	0.00	10,009	200.68	0.17
25.40	0.00	9,948	200.67	0.17
25.50	0.00	9,887	200.66	0.17
25.60	0.00	9,826	200.65	0.17
25.70	0.00	9,766	200.64	0.17
25.80	0.00	9,706	200.63	0.17
25.90	0.00	9,646	200.62	0.17

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,587	200.62	0.17
26.10	0.00	9,527	200.61	0.16
26.20	0.00	9,468	200.60	0.16
26.30	0.00	9,410	200.59	0.16
26.40	0.00	9,351	200.58	0.16
26.50	0.00	9,293	200.57	0.16
26.60	0.00	9,235	200.56	0.16
26.70	0.00	9,177	200.55	0.16
26.80	0.00	9,120	200.54	0.16
26.90	0.00	9,063	200.53	0.16
27.00	0.00	9,006	200.53	0.16
27.10	0.00	8,949	200.52	0.16
27.20	0.00	8,893	200.51	0.16
27.30	0.00	8,837	200.50	0.16
27.40	0.00	8,781	200.49	0.15
27.50	0.00	8,726	200.48	0.15
27.60	0.00	8,671	200.47	0.15
27.70	0.00	8,616	200.46	0.15
27.80	0.00	8,561	200.46	0.15
27.90	0.00	8,507	200.45	0.15
28.00	0.00	8,452	200.44	0.15
28.10	0.00	8,399	200.43	0.15
28.20	0.00	8,345	200.42	0.15
28.30	0.00	8,292	200.41	0.15
28.40	0.00	8,239	200.41	0.15
28.50	0.00	8,186	200.40	0.15
28.60	0.00	8,134	200.39	0.15
28.70	0.00	8,081	200.38	0.14
28.80	0.00	8,029	200.37	0.14
28.90	0.00	7,978	200.36	0.14
29.00	0.00	7,926	200.36	0.14
29.10	0.00	7,875	200.35	0.14
29.20	0.00	7,824	200.34	0.14
29.30	0.00	7,774	200.33	0.14
29.40	0.00	7,724	200.32	0.14
29.50	0.00	7,674	200.32	0.14
29.60	0.00	7,624	200.31	0.14
29.70	0.00	7,575	200.30	0.14
29.80	0.00	7,525	200.29	0.14
29.90	0.00	7,477	200.28	0.14
30.00	0.00	7,428	200.28	0.13
30.10	0.00	7,380	200.27	0.13
30.20	0.00	7,332	200.26	0.13
30.30	0.00	7,284	200.25	0.13
30.40	0.00	7,236	200.25	0.13
30.50	0.00	7,189	200.24	0.13
30.60	0.00	7,142	200.23	0.13
30.70	0.00	7,096	200.22	0.13
30.80	0.00	7,049	200.22	0.13
30.90	0.00	7,003	200.21	0.13
31.00	0.00	6,957	200.20	0.13
31.10	0.00	6,912	200.19	0.13

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,867	200.19	0.13
31.30	0.00	6,822	200.18	0.12
31.40	0.00	6,777	200.17	0.12
31.50	0.00	6,733	200.16	0.12
31.60	0.00	6,689	200.16	0.12
31.70	0.00	6,645	200.15	0.12
31.80	0.00	6,601	200.14	0.12
31.90	0.00	6,558	200.14	0.12
32.00	0.00	6,515	200.13	0.12
32.10	0.00	6,472	200.12	0.12
32.20	0.00	6,430	200.12	0.12
32.30	0.00	6,388	200.11	0.12
32.40	0.00	6,346	200.10	0.12
32.50	0.00	6,305	200.10	0.12
32.60	0.00	6,263	200.09	0.11
32.70	0.00	6,222	200.08	0.11
32.80	0.00	6,182	200.08	0.11
32.90	0.00	6,141	200.07	0.11
33.00	0.00	6,101	200.06	0.11
33.10	0.00	6,061	200.06	0.11
33.20	0.00	6,022	200.05	0.11
33.30	0.00	5,983	200.04	0.11
33.40	0.00	5,944	200.04	0.11
33.50	0.00	5,905	200.03	0.11
33.60	0.00	5,867	200.02	0.11
33.70	0.00	5,828	200.02	0.11
33.80	0.00	5,791	200.01	0.10
33.90	0.00	5,753	200.00	0.10
34.00	0.00	5,716	200.00	0.10
34.10	0.00	5,679	199.99	0.10
34.20	0.00	5,642	199.99	0.10
34.30	0.00	5,606	199.98	0.10
34.40	0.00	5,570	199.97	0.10
34.50	0.00	5,534	199.97	0.10
34.60	0.00	5,498	199.96	0.10
34.70	0.00	5,463	199.96	0.10
34.80	0.00	5,428	199.95	0.10
34.90	0.00	5,394	199.95	0.10
35.00	0.00	5,359	199.94	0.10
35.10	0.00	5,325	199.93	0.09
35.20	0.00	5,292	199.93	0.09
35.30	0.00	5,258	199.92	0.09
35.40	0.00	5,225	199.92	0.09
35.50	0.00	5,192	199.91	0.09
35.60	0.00	5,159	199.91	0.09
35.70	0.00	5,127	199.90	0.09
35.80	0.00	5,095	199.90	0.09
35.90	0.00	5,063	199.89	0.09
36.00	0.00	5,032	199.88	0.09
36.10	0.00	5,001	199.88	0.09
36.20	0.00	4,970	199.87	0.09
36.30	0.00	4,939	199.87	0.08

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,909	199.86	0.08
36.50	0.00	4,879	199.86	0.08
36.60	0.00	4,849	199.85	0.08
36.70	0.00	4,820	199.85	0.08
36.80	0.00	4,791	199.84	0.08
36.90	0.00	4,762	199.84	0.08
37.00	0.00	4,734	199.83	0.08
37.10	0.00	4,705	199.83	0.08
37.20	0.00	4,677	199.83	0.08
37.30	0.00	4,650	199.82	0.08
37.40	0.00	4,623	199.82	0.08
37.50	0.00	4,596	199.81	0.07
37.60	0.00	4,569	199.81	0.07
37.70	0.00	4,542	199.80	0.07
37.80	0.00	4,516	199.80	0.07
37.90	0.00	4,490	199.79	0.07
38.00	0.00	4,465	199.79	0.07
38.10	0.00	4,439	199.79	0.07
38.20	0.00	4,415	199.78	0.07
38.30	0.00	4,390	199.78	0.07
38.40	0.00	4,366	199.77	0.07
38.50	0.00	4,341	199.77	0.07
38.60	0.00	4,318	199.76	0.07
38.70	0.00	4,294	199.76	0.06
38.80	0.00	4,271	199.76	0.06
38.90	0.00	4,248	199.75	0.06
39.00	0.00	4,225	199.75	0.06
39.10	0.00	4,203	199.75	0.06
39.20	0.00	4,181	199.74	0.06
39.30	0.00	4,159	199.74	0.06
39.40	0.00	4,138	199.73	0.06
39.50	0.00	4,117	199.73	0.06
39.60	0.00	4,096	199.73	0.06
39.70	0.00	4,076	199.72	0.06
39.80	0.00	4,055	199.72	0.06
39.90	0.00	4,035	199.72	0.06
40.00	0.00	4,016	199.71	0.05

Stage-Discharge for Pond B-6: Basin #6

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.11	200.56	0.16
199.01	0.00	199.53	0.00	200.05	0.11	200.57	0.16
199.02	0.00	199.54	0.00	200.06	0.11	200.58	0.16
199.03	0.00	199.55	0.00	200.07	0.11	200.59	0.16
199.04	0.00	199.56	0.01	200.08	0.11	200.60	0.16
199.05	0.00	199.57	0.01	200.09	0.11	200.61	0.16
199.06	0.00	199.58	0.01	200.10	0.12	200.62	0.17
199.07	0.00	199.59	0.01	200.11	0.12	200.63	0.17
199.08	0.00	199.60	0.02	200.12	0.12	200.64	0.17
199.09	0.00	199.61	0.02	200.13	0.12	200.65	0.17
199.10	0.00	199.62	0.02	200.14	0.12	200.66	0.17
199.11	0.00	199.63	0.03	200.15	0.12	200.67	0.17
199.12	0.00	199.64	0.03	200.16	0.12	200.68	0.17
199.13	0.00	199.65	0.03	200.17	0.12	200.69	0.17
199.14	0.00	199.66	0.04	200.18	0.12	200.70	0.17
199.15	0.00	199.67	0.04	200.19	0.13	200.71	0.17
199.16	0.00	199.68	0.05	200.20	0.13	200.72	0.17
199.17	0.00	199.69	0.05	200.21	0.13	200.73	0.17
199.18	0.00	199.70	0.05	200.22	0.13	200.74	0.17
199.19	0.00	199.71	0.05	200.23	0.13	200.75	0.18
199.20	0.00	199.72	0.06	200.24	0.13	200.76	0.18
199.21	0.00	199.73	0.06	200.25	0.13	200.77	0.18
199.22	0.00	199.74	0.06	200.26	0.13	200.78	0.18
199.23	0.00	199.75	0.06	200.27	0.13	200.79	0.18
199.24	0.00	199.76	0.06	200.28	0.13	200.80	0.18
199.25	0.00	199.77	0.07	200.29	0.14	200.81	0.18
199.26	0.00	199.78	0.07	200.30	0.14	200.82	0.18
199.27	0.00	199.79	0.07	200.31	0.14	200.83	0.18
199.28	0.00	199.80	0.07	200.32	0.14	200.84	0.18
199.29	0.00	199.81	0.07	200.33	0.14	200.85	0.18
199.30	0.00	199.82	0.08	200.34	0.14	200.86	0.18
199.31	0.00	199.83	0.08	200.35	0.14	200.87	0.18
199.32	0.00	199.84	0.08	200.36	0.14	200.88	0.19
199.33	0.00	199.85	0.08	200.37	0.14	200.89	0.19
199.34	0.00	199.86	0.08	200.38	0.14	200.90	0.19
199.35	0.00	199.87	0.08	200.39	0.15	200.91	0.19
199.36	0.00	199.88	0.09	200.40	0.15	200.92	0.19
199.37	0.00	199.89	0.09	200.41	0.15	200.93	0.19
199.38	0.00	199.90	0.09	200.42	0.15	200.94	0.19
199.39	0.00	199.91	0.09	200.43	0.15	200.95	0.19
199.40	0.00	199.92	0.09	200.44	0.15	200.96	0.19
199.41	0.00	199.93	0.09	200.45	0.15	200.97	0.19
199.42	0.00	199.94	0.10	200.46	0.15	200.98	0.19
199.43	0.00	199.95	0.10	200.47	0.15	200.99	0.19
199.44	0.00	199.96	0.10	200.48	0.15	201.00	0.19
199.45	0.00	199.97	0.10	200.49	0.15	201.01	0.19
199.46	0.00	199.98	0.10	200.50	0.16	201.02	0.20
199.47	0.00	199.99	0.10	200.51	0.16	201.03	0.20
199.48	0.00	200.00	0.10	200.52	0.16	201.04	0.20
199.49	0.00	200.01	0.10	200.53	0.16	201.05	0.20
199.50	0.00	200.02	0.11	200.54	0.16	201.06	0.20
199.51	0.00	200.03	0.11	200.55	0.16	201.07	0.20

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	0.20	201.60	0.23	202.12	0.26	202.64	0.29
201.09	0.20	201.61	0.23	202.13	0.26	202.65	0.29
201.10	0.20	201.62	0.23	202.14	0.26	202.66	0.29
201.11	0.20	201.63	0.23	202.15	0.26	202.67	0.29
201.12	0.20	201.64	0.23	202.16	0.26	202.68	0.29
201.13	0.20	201.65	0.23	202.17	0.26	202.69	0.29
201.14	0.20	201.66	0.24	202.18	0.26	202.70	0.29
201.15	0.20	201.67	0.24	202.19	0.26	202.71	0.29
201.16	0.20	201.68	0.24	202.20	0.26	202.72	0.29
201.17	0.21	201.69	0.24	202.21	0.26	202.73	0.29
201.18	0.21	201.70	0.24	202.22	0.27	202.74	0.29
201.19	0.21	201.71	0.24	202.23	0.27	202.75	0.29
201.20	0.21	201.72	0.24	202.24	0.27	202.76	0.29
201.21	0.21	201.73	0.24	202.25	0.27	202.77	0.29
201.22	0.21	201.74	0.24	202.26	0.27	202.78	0.29
201.23	0.21	201.75	0.24	202.27	0.27	202.79	0.29
201.24	0.21	201.76	0.24	202.28	0.27	202.80	0.29
201.25	0.21	201.77	0.24	202.29	0.27	202.81	0.29
201.26	0.21	201.78	0.24	202.30	0.27	202.82	0.29
201.27	0.21	201.79	0.24	202.31	0.27	202.83	0.29
201.28	0.21	201.80	0.24	202.32	0.27	202.84	0.30
201.29	0.21	201.81	0.24	202.33	0.27	202.85	0.30
201.30	0.21	201.82	0.24	202.34	0.27	202.86	0.30
201.31	0.21	201.83	0.24	202.35	0.27	202.87	0.30
201.32	0.22	201.84	0.25	202.36	0.27	202.88	0.30
201.33	0.22	201.85	0.25	202.37	0.27	202.89	0.30
201.34	0.22	201.86	0.25	202.38	0.27	202.90	0.30
201.35	0.22	201.87	0.25	202.39	0.27	202.91	0.30
201.36	0.22	201.88	0.25	202.40	0.27	202.92	0.30
201.37	0.22	201.89	0.25	202.41	0.27	202.93	0.30
201.38	0.22	201.90	0.25	202.42	0.28	202.94	0.30
201.39	0.22	201.91	0.25	202.43	0.28	202.95	0.30
201.40	0.22	201.92	0.25	202.44	0.28	202.96	0.30
201.41	0.22	201.93	0.25	202.45	0.28	202.97	0.30
201.42	0.22	201.94	0.25	202.46	0.28	202.98	0.30
201.43	0.22	201.95	0.25	202.47	0.28	202.99	0.30
201.44	0.22	201.96	0.25	202.48	0.28	203.00	0.30
201.45	0.22	201.97	0.25	202.49	0.28	203.01	0.32
201.46	0.22	201.98	0.25	202.50	0.28	203.02	0.34
201.47	0.22	201.99	0.25	202.51	0.28	203.03	0.37
201.48	0.22	202.00	0.25	202.52	0.28	203.04	0.41
201.49	0.23	202.01	0.25	202.53	0.28	203.05	0.45
201.50	0.23	202.02	0.26	202.54	0.28	203.06	0.50
201.51	0.23	202.03	0.26	202.55	0.28	203.07	0.55
201.52	0.23	202.04	0.26	202.56	0.28	203.08	0.60
201.53	0.23	202.05	0.26	202.57	0.28	203.09	0.66
201.54	0.23	202.06	0.26	202.58	0.28	203.10	0.72
201.55	0.23	202.07	0.26	202.59	0.28	203.11	0.78
201.56	0.23	202.08	0.26	202.60	0.28	203.12	0.85
201.57	0.23	202.09	0.26	202.61	0.28	203.13	0.92
201.58	0.23	202.10	0.26	202.62	0.29	203.14	0.99
201.59	0.23	202.11	0.26	202.63	0.29	203.15	1.06

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	1.14	203.68	16.43
203.17	1.22	203.69	17.35
203.18	1.30	203.70	18.29
203.19	1.38	203.71	19.29
203.20	1.47	203.72	20.32
203.21	1.56	203.73	21.38
203.22	1.65	203.74	22.46
203.23	1.74	203.75	23.56
203.24	1.83	203.76	24.70
203.25	1.93	203.77	25.86
203.26	2.03	203.78	27.04
203.27	2.12	203.79	28.25
203.28	2.23	203.80	29.49
203.29	2.33	203.81	30.75
203.30	2.43	203.82	32.04
203.31	2.54	203.83	33.35
203.32	2.65	203.84	34.69
203.33	2.76	203.85	36.05
203.34	2.87	203.86	37.44
203.35	2.98	203.87	38.85
203.36	3.09	203.88	40.29
203.37	3.21	203.89	41.75
203.38	3.32	203.90	43.24
203.39	3.44	203.91	44.77
203.40	3.56	203.92	46.34
203.41	3.68	203.93	47.84
203.42	3.81	203.94	49.29
203.43	3.93	203.95	50.77
203.44	4.06	203.96	52.27
203.45	4.18	203.97	53.80
203.46	4.31	203.98	55.36
203.47	4.44	203.99	56.94
203.48	4.57	204.00	58.55
203.49	4.70		
203.50	4.83		
203.51	5.08		
203.52	5.43		
203.53	5.85		
203.54	6.31		
203.55	6.83		
203.56	7.38		
203.57	7.97		
203.58	8.59		
203.59	9.25		
203.60	9.94		
203.61	10.66		
203.62	11.41		
203.63	12.18		
203.64	12.98		
203.65	13.81		
203.66	14.66		
203.67	15.53		

Stage-Area-Storage for Pond B-6: Basin #6

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,389	0	199.52	5,738	2,893
199.01	5,396	54	199.53	5,745	2,950
199.02	5,402	108	199.54	5,751	3,008
199.03	5,409	162	199.55	5,758	3,065
199.04	5,416	216	199.56	5,765	3,123
199.05	5,423	270	199.57	5,771	3,181
199.06	5,429	325	199.58	5,778	3,238
199.07	5,436	379	199.59	5,785	3,296
199.08	5,443	433	199.60	5,792	3,354
199.09	5,449	488	199.61	5,798	3,412
199.10	5,456	542	199.62	5,805	3,470
199.11	5,463	597	199.63	5,812	3,528
199.12	5,470	652	199.64	5,818	3,586
199.13	5,476	706	199.65	5,825	3,645
199.14	5,483	761	199.66	5,832	3,703
199.15	5,490	816	199.67	5,839	3,761
199.16	5,496	871	199.68	5,845	3,820
199.17	5,503	926	199.69	5,852	3,878
199.18	5,510	981	199.70	5,859	3,937
199.19	5,516	1,036	199.71	5,865	3,995
199.20	5,523	1,091	199.72	5,872	4,054
199.21	5,530	1,146	199.73	5,879	4,113
199.22	5,537	1,202	199.74	5,886	4,172
199.23	5,543	1,257	199.75	5,892	4,230
199.24	5,550	1,313	199.76	5,899	4,289
199.25	5,557	1,368	199.77	5,906	4,348
199.26	5,563	1,424	199.78	5,912	4,408
199.27	5,570	1,479	199.79	5,919	4,467
199.28	5,577	1,535	199.80	5,926	4,526
199.29	5,584	1,591	199.81	5,933	4,585
199.30	5,590	1,647	199.82	5,939	4,645
199.31	5,597	1,703	199.83	5,946	4,704
199.32	5,604	1,759	199.84	5,953	4,763
199.33	5,610	1,815	199.85	5,959	4,823
199.34	5,617	1,871	199.86	5,966	4,883
199.35	5,624	1,927	199.87	5,973	4,942
199.36	5,631	1,984	199.88	5,979	5,002
199.37	5,637	2,040	199.89	5,986	5,062
199.38	5,644	2,096	199.90	5,993	5,122
199.39	5,651	2,153	199.91	6,000	5,182
199.40	5,657	2,209	199.92	6,006	5,242
199.41	5,664	2,266	199.93	6,013	5,302
199.42	5,671	2,323	199.94	6,020	5,362
199.43	5,678	2,379	199.95	6,026	5,422
199.44	5,684	2,436	199.96	6,033	5,483
199.45	5,691	2,493	199.97	6,040	5,543
199.46	5,698	2,550	199.98	6,047	5,603
199.47	5,704	2,607	199.99	6,053	5,664
199.48	5,711	2,664	200.00	6,060	5,725
199.49	5,718	2,721	200.01	6,067	5,785
199.50	5,725	2,778	200.02	6,074	5,846
199.51	5,731	2,836	200.03	6,081	5,907

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	6,088	5,967	200.56	6,453	9,228
200.05	6,095	6,028	200.57	6,460	9,293
200.06	6,102	6,089	200.58	6,467	9,357
200.07	6,109	6,150	200.59	6,474	9,422
200.08	6,116	6,212	200.60	6,481	9,487
200.09	6,123	6,273	200.61	6,488	9,552
200.10	6,130	6,334	200.62	6,495	9,616
200.11	6,137	6,395	200.63	6,502	9,681
200.12	6,144	6,457	200.64	6,509	9,746
200.13	6,151	6,518	200.65	6,516	9,812
200.14	6,158	6,580	200.66	6,523	9,877
200.15	6,165	6,641	200.67	6,530	9,942
200.16	6,172	6,703	200.68	6,537	10,007
200.17	6,179	6,765	200.69	6,544	10,073
200.18	6,186	6,827	200.70	6,551	10,138
200.19	6,193	6,889	200.71	6,558	10,204
200.20	6,200	6,951	200.72	6,565	10,269
200.21	6,207	7,013	200.73	6,572	10,335
200.22	6,214	7,075	200.74	6,579	10,401
200.23	6,221	7,137	200.75	6,586	10,467
200.24	6,228	7,199	200.76	6,593	10,533
200.25	6,235	7,261	200.77	6,600	10,599
200.26	6,242	7,324	200.78	6,607	10,665
200.27	6,249	7,386	200.79	6,614	10,731
200.28	6,256	7,449	200.80	6,621	10,797
200.29	6,263	7,511	200.81	6,628	10,863
200.30	6,270	7,574	200.82	6,635	10,929
200.31	6,277	7,637	200.83	6,642	10,996
200.32	6,284	7,700	200.84	6,649	11,062
200.33	6,291	7,762	200.85	6,656	11,129
200.34	6,298	7,825	200.86	6,663	11,195
200.35	6,305	7,888	200.87	6,670	11,262
200.36	6,312	7,952	200.88	6,677	11,329
200.37	6,319	8,015	200.89	6,684	11,396
200.38	6,326	8,078	200.90	6,691	11,462
200.39	6,333	8,141	200.91	6,698	11,529
200.40	6,340	8,205	200.92	6,705	11,596
200.41	6,347	8,268	200.93	6,712	11,663
200.42	6,354	8,332	200.94	6,719	11,731
200.43	6,361	8,395	200.95	6,726	11,798
200.44	6,368	8,459	200.96	6,733	11,865
200.45	6,375	8,522	200.97	6,740	11,932
200.46	6,382	8,586	200.98	6,747	12,000
200.47	6,389	8,650	200.99	6,754	12,067
200.48	6,396	8,714	201.00	6,761	12,135
200.49	6,403	8,778	201.01	6,768	12,203
200.50	6,411	8,842	201.02	6,776	12,270
200.51	6,418	8,906	201.03	6,783	12,338
200.52	6,425	8,970	201.04	6,790	12,406
200.53	6,432	9,035	201.05	6,797	12,474
200.54	6,439	9,099	201.06	6,805	12,542
200.55	6,446	9,164	201.07	6,812	12,610

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	6,819	12,678	201.60	7,198	16,323
201.09	6,827	12,746	201.61	7,206	16,395
201.10	6,834	12,815	201.62	7,213	16,467
201.11	6,841	12,883	201.63	7,220	16,539
201.12	6,848	12,952	201.64	7,228	16,611
201.13	6,856	13,020	201.65	7,235	16,684
201.14	6,863	13,089	201.66	7,242	16,756
201.15	6,870	13,157	201.67	7,249	16,828
201.16	6,878	13,226	201.68	7,257	16,901
201.17	6,885	13,295	201.69	7,264	16,974
201.18	6,892	13,364	201.70	7,271	17,046
201.19	6,900	13,433	201.71	7,279	17,119
201.20	6,907	13,502	201.72	7,286	17,192
201.21	6,914	13,571	201.73	7,293	17,265
201.22	6,921	13,640	201.74	7,300	17,338
201.23	6,929	13,709	201.75	7,308	17,411
201.24	6,936	13,779	201.76	7,315	17,484
201.25	6,943	13,848	201.77	7,322	17,557
201.26	6,951	13,918	201.78	7,330	17,630
201.27	6,958	13,987	201.79	7,337	17,704
201.28	6,965	14,057	201.80	7,344	17,777
201.29	6,972	14,126	201.81	7,351	17,851
201.30	6,980	14,196	201.82	7,359	17,924
201.31	6,987	14,266	201.83	7,366	17,998
201.32	6,994	14,336	201.84	7,373	18,071
201.33	7,002	14,406	201.85	7,381	18,145
201.34	7,009	14,476	201.86	7,388	18,219
201.35	7,016	14,546	201.87	7,395	18,293
201.36	7,023	14,616	201.88	7,403	18,367
201.37	7,031	14,686	201.89	7,410	18,441
201.38	7,038	14,757	201.90	7,417	18,515
201.39	7,045	14,827	201.91	7,424	18,589
201.40	7,053	14,898	201.92	7,432	18,664
201.41	7,060	14,968	201.93	7,439	18,738
201.42	7,067	15,039	201.94	7,446	18,812
201.43	7,074	15,110	201.95	7,454	18,887
201.44	7,082	15,180	201.96	7,461	18,961
201.45	7,089	15,251	201.97	7,468	19,036
201.46	7,096	15,322	201.98	7,475	19,111
201.47	7,104	15,393	201.99	7,483	19,186
201.48	7,111	15,464	202.00	7,490	19,261
201.49	7,118	15,535	202.01	7,498	19,335
201.50	7,126	15,607	202.02	7,505	19,410
201.51	7,133	15,678	202.03	7,513	19,486
201.52	7,140	15,749	202.04	7,520	19,561
201.53	7,147	15,821	202.05	7,528	19,636
201.54	7,155	15,892	202.06	7,535	19,711
201.55	7,162	15,964	202.07	7,543	19,787
201.56	7,169	16,035	202.08	7,551	19,862
201.57	7,177	16,107	202.09	7,558	19,938
201.58	7,184	16,179	202.10	7,566	20,013
201.59	7,191	16,251	202.11	7,573	20,089

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	7,581	20,165	202.64	7,974	24,209
202.13	7,588	20,241	202.65	7,982	24,289
202.14	7,596	20,317	202.66	7,990	24,369
202.15	7,604	20,393	202.67	7,997	24,449
202.16	7,611	20,469	202.68	8,005	24,529
202.17	7,619	20,545	202.69	8,012	24,609
202.18	7,626	20,621	202.70	8,020	24,689
202.19	7,634	20,697	202.71	8,027	24,769
202.20	7,641	20,774	202.72	8,035	24,850
202.21	7,649	20,850	202.73	8,043	24,930
202.22	7,657	20,927	202.74	8,050	25,010
202.23	7,664	21,003	202.75	8,058	25,091
202.24	7,672	21,080	202.76	8,065	25,172
202.25	7,679	21,157	202.77	8,073	25,252
202.26	7,687	21,233	202.78	8,080	25,333
202.27	7,694	21,310	202.79	8,088	25,414
202.28	7,702	21,387	202.80	8,096	25,495
202.29	7,710	21,464	202.81	8,103	25,576
202.30	7,717	21,542	202.82	8,111	25,657
202.31	7,725	21,619	202.83	8,118	25,738
202.32	7,732	21,696	202.84	8,126	25,819
202.33	7,740	21,773	202.85	8,133	25,900
202.34	7,747	21,851	202.86	8,141	25,982
202.35	7,755	21,928	202.87	8,149	26,063
202.36	7,763	22,006	202.88	8,156	26,145
202.37	7,770	22,084	202.89	8,164	26,226
202.38	7,778	22,161	202.90	8,171	26,308
202.39	7,785	22,239	202.91	8,179	26,390
202.40	7,793	22,317	202.92	8,186	26,472
202.41	7,800	22,395	202.93	8,194	26,554
202.42	7,808	22,473	202.94	8,202	26,636
202.43	7,816	22,551	202.95	8,209	26,718
202.44	7,823	22,629	202.96	8,217	26,800
202.45	7,831	22,708	202.97	8,224	26,882
202.46	7,838	22,786	202.98	8,232	26,964
202.47	7,846	22,864	202.99	8,239	27,047
202.48	7,853	22,943	203.00	8,247	27,129
202.49	7,861	23,021	203.01	8,255	27,212
202.50	7,869	23,100	203.02	8,263	27,294
202.51	7,876	23,179	203.03	8,271	27,377
202.52	7,884	23,258	203.04	8,278	27,460
202.53	7,891	23,337	203.05	8,286	27,542
202.54	7,899	23,415	203.06	8,294	27,625
202.55	7,906	23,494	203.07	8,302	27,708
202.56	7,914	23,574	203.08	8,310	27,791
202.57	7,921	23,653	203.09	8,318	27,874
202.58	7,929	23,732	203.10	8,325	27,958
202.59	7,937	23,811	203.11	8,333	28,041
202.60	7,944	23,891	203.12	8,341	28,124
202.61	7,952	23,970	203.13	8,349	28,208
202.62	7,959	24,050	203.14	8,357	28,291
202.63	7,967	24,129	203.15	8,365	28,375

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	8,373	28,459	203.68	8,781	32,918
203.17	8,380	28,542	203.69	8,789	33,006
203.18	8,388	28,626	203.70	8,796	33,094
203.19	8,396	28,710	203.71	8,804	33,182
203.20	8,404	28,794	203.72	8,812	33,270
203.21	8,412	28,878	203.73	8,820	33,358
203.22	8,420	28,962	203.74	8,828	33,447
203.23	8,428	29,047	203.75	8,836	33,535
203.24	8,435	29,131	203.76	8,844	33,623
203.25	8,443	29,215	203.77	8,851	33,712
203.26	8,451	29,300	203.78	8,859	33,800
203.27	8,459	29,384	203.79	8,867	33,889
203.28	8,467	29,469	203.80	8,875	33,978
203.29	8,475	29,554	203.81	8,883	34,067
203.30	8,483	29,638	203.82	8,891	34,155
203.31	8,490	29,723	203.83	8,899	34,244
203.32	8,498	29,808	203.84	8,906	34,333
203.33	8,506	29,893	203.85	8,914	34,423
203.34	8,514	29,978	203.86	8,922	34,512
203.35	8,522	30,064	203.87	8,930	34,601
203.36	8,530	30,149	203.88	8,938	34,690
203.37	8,537	30,234	203.89	8,946	34,780
203.38	8,545	30,320	203.90	8,954	34,869
203.39	8,553	30,405	203.91	8,961	34,959
203.40	8,561	30,491	203.92	8,969	35,048
203.41	8,569	30,576	203.93	8,977	35,138
203.42	8,577	30,662	203.94	8,985	35,228
203.43	8,585	30,748	203.95	8,993	35,318
203.44	8,592	30,834	203.96	9,001	35,408
203.45	8,600	30,920	203.97	9,008	35,498
203.46	8,608	31,006	203.98	9,016	35,588
203.47	8,616	31,092	203.99	9,024	35,678
203.48	8,624	31,178	204.00	9,032	35,769
203.49	8,632	31,264			
203.50	8,640	31,351			
203.51	8,647	31,437			
203.52	8,655	31,524			
203.53	8,663	31,610			
203.54	8,671	31,697			
203.55	8,679	31,784			
203.56	8,687	31,870			
203.57	8,694	31,957			
203.58	8,702	32,044			
203.59	8,710	32,131			
203.60	8,718	32,218			
203.61	8,726	32,306			
203.62	8,734	32,393			
203.63	8,742	32,480			
203.64	8,749	32,568			
203.65	8,757	32,655			
203.66	8,765	32,743			
203.67	8,773	32,831			

Summary for Pond B-7: Basin #7

Inflow Area = 1.564 ac, 62.85% Impervious, Inflow Depth = 4.63" for Future 10 yr event
 Inflow = 7.15 cfs @ 12.17 hrs, Volume= 0.603 af
 Outflow = 1.13 cfs @ 12.74 hrs, Volume= 0.411 af, Atten= 84%, Lag= 34.2 min
 Primary = 1.13 cfs @ 12.74 hrs, Volume= 0.411 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 209.18' @ 12.74 hrs Surf.Area= 8,615 sf Storage= 16,321 cf

Plug-Flow detention time= 574.1 min calculated for 0.410 af (68% of inflow)
 Center-of-Mass det. time= 473.2 min (1,244.5 - 771.3)

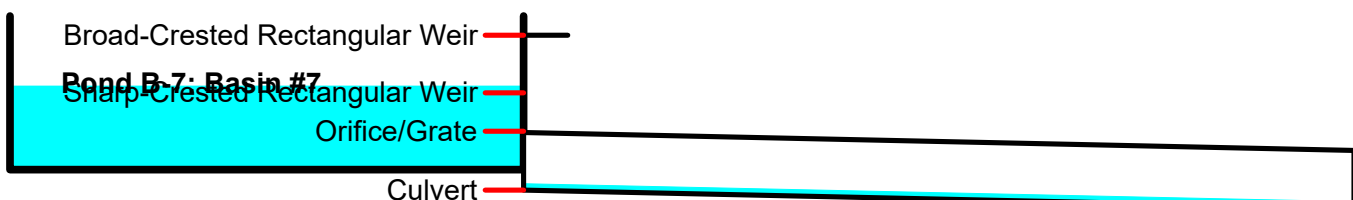
Volume	Invert	Avail.Storage	Storage Description
#1	207.00'	33,829 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

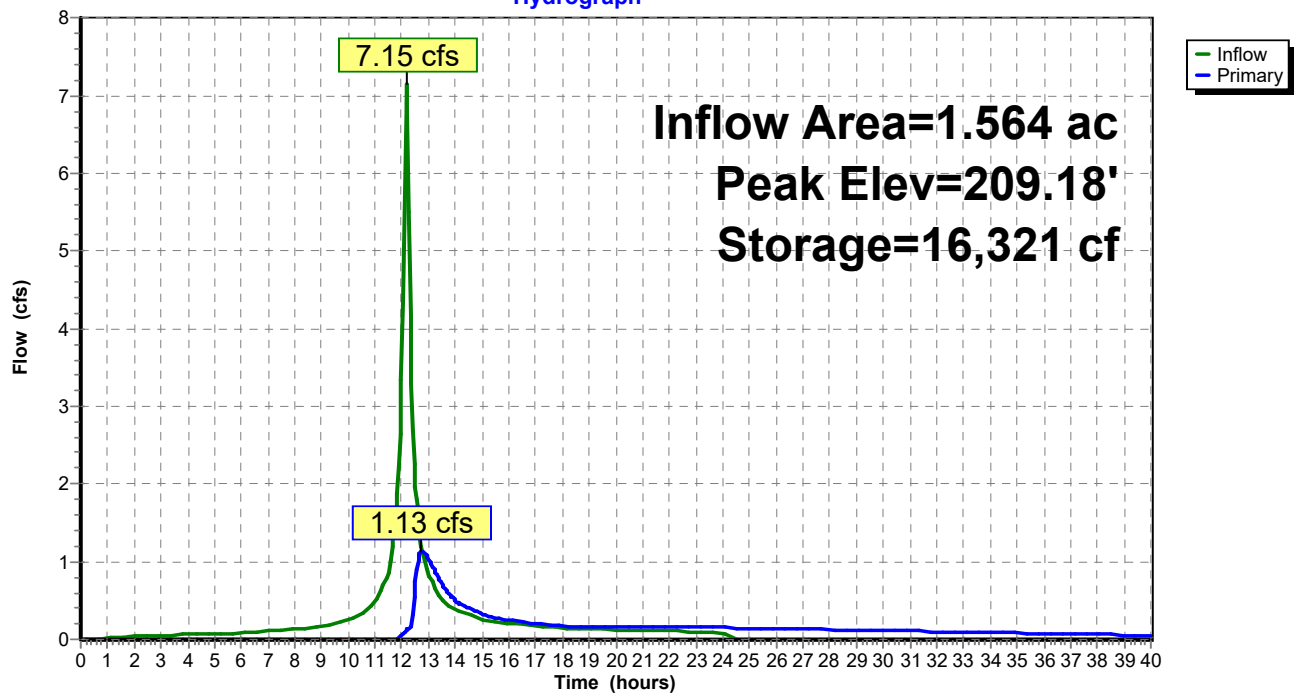
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
207.00	6,419	0	0
208.00	7,395	6,907	6,907
209.00	8,429	7,912	14,819
210.00	9,484	8,957	23,776
211.00	10,623	10,054	33,829

Device	Routing	Invert	Outlet Devices
#1	Primary	206.47'	18.0" Round Culvert L= 94.0' Ke= 0.500 Inlet / Outlet Invert= 206.47' / 206.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	208.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	209.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	210.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.13 cfs @ 12.74 hrs HW=209.18' (Free Discharge)

1=Culvert (Passes 1.13 cfs of 10.23 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.99 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.96 cfs @ 1.37 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-7: Basin #7**Hydrograph**

Hydrograph for Pond B-7: Basin #7

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	207.00	0.00
0.10	0.00	0	207.00	0.00
0.20	0.00	0	207.00	0.00
0.30	0.00	0	207.00	0.00
0.40	0.00	0	207.00	0.00
0.50	0.00	0	207.00	0.00
0.60	0.00	0	207.00	0.00
0.70	0.00	0	207.00	0.00
0.80	0.00	0	207.00	0.00
0.90	0.00	1	207.00	0.00
1.00	0.01	3	207.00	0.00
1.10	0.01	6	207.00	0.00
1.20	0.01	11	207.00	0.00
1.30	0.02	16	207.00	0.00
1.40	0.02	22	207.00	0.00
1.50	0.02	30	207.00	0.00
1.60	0.02	38	207.01	0.00
1.70	0.03	47	207.01	0.00
1.80	0.03	58	207.01	0.00
1.90	0.03	68	207.01	0.00
2.00	0.03	80	207.01	0.00
2.10	0.04	92	207.01	0.00
2.20	0.04	106	207.02	0.00
2.30	0.04	119	207.02	0.00
2.40	0.04	134	207.02	0.00
2.50	0.04	149	207.02	0.00
2.60	0.04	164	207.03	0.00
2.70	0.05	181	207.03	0.00
2.80	0.05	197	207.03	0.00
2.90	0.05	215	207.03	0.00
3.00	0.05	233	207.04	0.00
3.10	0.05	251	207.04	0.00
3.20	0.05	270	207.04	0.00
3.30	0.05	289	207.04	0.00
3.40	0.06	309	207.05	0.00
3.50	0.06	329	207.05	0.00
3.60	0.06	350	207.05	0.00
3.70	0.06	371	207.06	0.00
3.80	0.06	393	207.06	0.00
3.90	0.06	415	207.06	0.00
4.00	0.06	437	207.07	0.00
4.10	0.06	460	207.07	0.00
4.20	0.07	484	207.07	0.00
4.30	0.07	507	207.08	0.00
4.40	0.07	531	207.08	0.00
4.50	0.07	556	207.09	0.00
4.60	0.07	580	207.09	0.00
4.70	0.07	605	207.09	0.00
4.80	0.07	631	207.10	0.00
4.90	0.07	657	207.10	0.00
5.00	0.07	683	207.11	0.00
5.10	0.07	709	207.11	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	736	207.11	0.00
5.30	0.08	763	207.12	0.00
5.40	0.08	790	207.12	0.00
5.50	0.08	818	207.13	0.00
5.60	0.08	846	207.13	0.00
5.70	0.08	875	207.13	0.00
5.80	0.08	903	207.14	0.00
5.90	0.08	932	207.14	0.00
6.00	0.08	962	207.15	0.00
6.10	0.08	991	207.15	0.00
6.20	0.08	1,022	207.16	0.00
6.30	0.09	1,053	207.16	0.00
6.40	0.09	1,084	207.17	0.00
6.50	0.09	1,117	207.17	0.00
6.60	0.09	1,151	207.18	0.00
6.70	0.10	1,185	207.18	0.00
6.80	0.10	1,220	207.19	0.00
6.90	0.10	1,256	207.19	0.00
7.00	0.10	1,293	207.20	0.00
7.10	0.11	1,331	207.20	0.00
7.20	0.11	1,370	207.21	0.00
7.30	0.11	1,410	207.22	0.00
7.40	0.11	1,450	207.22	0.00
7.50	0.12	1,491	207.23	0.00
7.60	0.12	1,533	207.23	0.00
7.70	0.12	1,577	207.24	0.00
7.80	0.12	1,620	207.25	0.00
7.90	0.13	1,665	207.25	0.00
8.00	0.13	1,711	207.26	0.00
8.10	0.13	1,757	207.27	0.00
8.20	0.13	1,805	207.28	0.00
8.30	0.14	1,853	207.28	0.00
8.40	0.14	1,903	207.29	0.00
8.50	0.14	1,953	207.30	0.00
8.60	0.15	2,005	207.31	0.00
8.70	0.15	2,058	207.31	0.00
8.80	0.15	2,112	207.32	0.00
8.90	0.16	2,168	207.33	0.00
9.00	0.16	2,224	207.34	0.00
9.10	0.16	2,282	207.35	0.00
9.20	0.17	2,342	207.36	0.00
9.30	0.18	2,405	207.36	0.00
9.40	0.19	2,472	207.37	0.00
9.50	0.20	2,543	207.38	0.00
9.60	0.21	2,617	207.40	0.00
9.70	0.22	2,695	207.41	0.00
9.80	0.23	2,777	207.42	0.00
9.90	0.24	2,863	207.43	0.00
10.00	0.25	2,952	207.44	0.00
10.10	0.27	3,046	207.46	0.00
10.20	0.28	3,143	207.47	0.00
10.30	0.29	3,245	207.49	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	3,351	207.50	0.00
10.50	0.31	3,460	207.52	0.00
10.60	0.33	3,575	207.54	0.00
10.70	0.36	3,700	207.55	0.00
10.80	0.40	3,837	207.57	0.00
10.90	0.44	3,989	207.59	0.00
11.00	0.48	4,155	207.62	0.00
11.10	0.53	4,338	207.64	0.00
11.20	0.60	4,543	207.67	0.00
11.30	0.68	4,774	207.71	0.00
11.40	0.76	5,033	207.74	0.00
11.50	0.84	5,322	207.78	0.00
11.60	1.02	5,650	207.83	0.00
11.70	1.34	6,077	207.89	0.00
11.80	1.63	6,606	207.96	0.00
11.90	2.20	7,287	208.05	0.01
12.00	3.35	8,254	208.18	0.04
12.10	5.70	9,822	208.38	0.09
12.20	6.90	12,182	208.68	0.12
12.30	4.18	14,120	208.92	0.15
12.40	2.68	15,261	209.05	0.32
12.50	1.97	15,889	209.13	0.75
12.60	1.60	16,210	209.16	1.03
12.70	1.21	16,317	209.18	1.13
12.80	1.04	16,311	209.18	1.12
12.90	0.94	16,268	209.17	1.08
13.00	0.84	16,209	209.16	1.03
13.10	0.75	16,139	209.16	0.96
13.20	0.68	16,061	209.15	0.90
13.30	0.62	15,983	209.14	0.83
13.40	0.57	15,910	209.13	0.77
13.50	0.52	15,841	209.12	0.71
13.60	0.47	15,774	209.11	0.66
13.70	0.43	15,708	209.10	0.61
13.80	0.41	15,649	209.10	0.57
13.90	0.40	15,598	209.09	0.53
14.00	0.39	15,555	209.09	0.50
14.10	0.38	15,517	209.08	0.47
14.20	0.36	15,484	209.08	0.45
14.30	0.35	15,454	209.07	0.43
14.40	0.34	15,425	209.07	0.42
14.50	0.33	15,398	209.07	0.40
14.60	0.31	15,371	209.07	0.39
14.70	0.30	15,346	209.06	0.37
14.80	0.29	15,321	209.06	0.36
14.90	0.28	15,296	209.06	0.34
15.00	0.26	15,272	209.05	0.33
15.10	0.25	15,249	209.05	0.32
15.20	0.24	15,226	209.05	0.30
15.30	0.23	15,204	209.05	0.29
15.40	0.23	15,185	209.04	0.28
15.50	0.23	15,169	209.04	0.27

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.22	15,155	209.04	0.26
15.70	0.22	15,141	209.04	0.26
15.80	0.22	15,128	209.04	0.25
15.90	0.21	15,115	209.03	0.25
16.00	0.21	15,102	209.03	0.25
16.10	0.21	15,090	209.03	0.24
16.20	0.20	15,077	209.03	0.24
16.30	0.20	15,066	209.03	0.23
16.40	0.20	15,054	209.03	0.23
16.50	0.19	15,042	209.03	0.23
16.60	0.19	15,030	209.03	0.22
16.70	0.19	15,019	209.02	0.22
16.80	0.18	15,008	209.02	0.22
16.90	0.18	14,997	209.02	0.21
17.00	0.18	14,985	209.02	0.21
17.10	0.17	14,974	209.02	0.20
17.20	0.17	14,963	209.02	0.20
17.30	0.17	14,953	209.02	0.20
17.40	0.16	14,942	209.01	0.19
17.50	0.16	14,931	209.01	0.19
17.60	0.16	14,920	209.01	0.19
17.70	0.15	14,909	209.01	0.18
17.80	0.15	14,898	209.01	0.18
17.90	0.15	14,888	209.01	0.18
18.00	0.14	14,877	209.01	0.17
18.10	0.14	14,866	209.01	0.17
18.20	0.14	14,856	209.00	0.17
18.30	0.14	14,846	209.00	0.16
18.40	0.14	14,836	209.00	0.16
18.50	0.13	14,827	209.00	0.16
18.60	0.13	14,819	209.00	0.16
18.70	0.13	14,812	209.00	0.16
18.80	0.13	14,803	209.00	0.16
18.90	0.13	14,795	209.00	0.16
19.00	0.13	14,786	209.00	0.16
19.10	0.13	14,777	209.00	0.15
19.20	0.13	14,768	208.99	0.15
19.30	0.13	14,759	208.99	0.15
19.40	0.13	14,749	208.99	0.15
19.50	0.13	14,739	208.99	0.15
19.60	0.13	14,729	208.99	0.15
19.70	0.12	14,718	208.99	0.15
19.80	0.12	14,708	208.99	0.15
19.90	0.12	14,697	208.99	0.15
20.00	0.12	14,686	208.98	0.15
20.10	0.12	14,674	208.98	0.15
20.20	0.12	14,662	208.98	0.15
20.30	0.12	14,650	208.98	0.15
20.40	0.12	14,638	208.98	0.15
20.50	0.12	14,626	208.98	0.15
20.60	0.12	14,613	208.98	0.15
20.70	0.12	14,600	208.97	0.15

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	14,587	208.97	0.15
20.90	0.11	14,573	208.97	0.15
21.00	0.11	14,559	208.97	0.15
21.10	0.11	14,545	208.97	0.15
21.20	0.11	14,531	208.97	0.15
21.30	0.11	14,516	208.96	0.15
21.40	0.11	14,502	208.96	0.15
21.50	0.11	14,487	208.96	0.15
21.60	0.11	14,471	208.96	0.15
21.70	0.11	14,456	208.96	0.15
21.80	0.11	14,440	208.95	0.15
21.90	0.11	14,424	208.95	0.15
22.00	0.11	14,408	208.95	0.15
22.10	0.10	14,391	208.95	0.15
22.20	0.10	14,375	208.95	0.15
22.30	0.10	14,358	208.95	0.15
22.40	0.10	14,341	208.94	0.15
22.50	0.10	14,323	208.94	0.15
22.60	0.10	14,306	208.94	0.15
22.70	0.10	14,288	208.94	0.15
22.80	0.10	14,270	208.93	0.15
22.90	0.10	14,251	208.93	0.15
23.00	0.10	14,233	208.93	0.15
23.10	0.10	14,214	208.93	0.15
23.20	0.10	14,195	208.93	0.15
23.30	0.09	14,175	208.92	0.15
23.40	0.09	14,156	208.92	0.15
23.50	0.09	14,136	208.92	0.15
23.60	0.09	14,116	208.92	0.15
23.70	0.09	14,096	208.91	0.15
23.80	0.09	14,076	208.91	0.15
23.90	0.09	14,055	208.91	0.15
24.00	0.09	14,035	208.91	0.15
24.10	0.08	14,015	208.90	0.15
24.20	0.02	13,980	208.90	0.15
24.30	0.01	13,932	208.89	0.15
24.40	0.00	13,880	208.89	0.15
24.50	0.00	13,828	208.88	0.14
24.60	0.00	13,776	208.88	0.14
24.70	0.00	13,725	208.87	0.14
24.80	0.00	13,673	208.86	0.14
24.90	0.00	13,622	208.86	0.14
25.00	0.00	13,571	208.85	0.14
25.10	0.00	13,520	208.84	0.14
25.20	0.00	13,469	208.84	0.14
25.30	0.00	13,418	208.83	0.14
25.40	0.00	13,368	208.83	0.14
25.50	0.00	13,318	208.82	0.14
25.60	0.00	13,268	208.81	0.14
25.70	0.00	13,218	208.81	0.14
25.80	0.00	13,169	208.80	0.14
25.90	0.00	13,120	208.80	0.14

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,071	208.79	0.14
26.10	0.00	13,022	208.78	0.14
26.20	0.00	12,973	208.78	0.13
26.30	0.00	12,925	208.77	0.13
26.40	0.00	12,877	208.77	0.13
26.50	0.00	12,829	208.76	0.13
26.60	0.00	12,781	208.75	0.13
26.70	0.00	12,733	208.75	0.13
26.80	0.00	12,686	208.74	0.13
26.90	0.00	12,639	208.74	0.13
27.00	0.00	12,592	208.73	0.13
27.10	0.00	12,545	208.73	0.13
27.20	0.00	12,499	208.72	0.13
27.30	0.00	12,453	208.71	0.13
27.40	0.00	12,407	208.71	0.13
27.50	0.00	12,361	208.70	0.13
27.60	0.00	12,315	208.70	0.13
27.70	0.00	12,270	208.69	0.13
27.80	0.00	12,225	208.69	0.13
27.90	0.00	12,180	208.68	0.12
28.00	0.00	12,135	208.68	0.12
28.10	0.00	12,090	208.67	0.12
28.20	0.00	12,046	208.66	0.12
28.30	0.00	12,002	208.66	0.12
28.40	0.00	11,958	208.65	0.12
28.50	0.00	11,914	208.65	0.12
28.60	0.00	11,871	208.64	0.12
28.70	0.00	11,828	208.64	0.12
28.80	0.00	11,785	208.63	0.12
28.90	0.00	11,742	208.63	0.12
29.00	0.00	11,699	208.62	0.12
29.10	0.00	11,657	208.62	0.12
29.20	0.00	11,615	208.61	0.12
29.30	0.00	11,573	208.61	0.12
29.40	0.00	11,531	208.60	0.12
29.50	0.00	11,490	208.59	0.11
29.60	0.00	11,448	208.59	0.11
29.70	0.00	11,407	208.58	0.11
29.80	0.00	11,366	208.58	0.11
29.90	0.00	11,326	208.57	0.11
30.00	0.00	11,285	208.57	0.11
30.10	0.00	11,245	208.56	0.11
30.20	0.00	11,205	208.56	0.11
30.30	0.00	11,166	208.55	0.11
30.40	0.00	11,126	208.55	0.11
30.50	0.00	11,087	208.54	0.11
30.60	0.00	11,048	208.54	0.11
30.70	0.00	11,009	208.53	0.11
30.80	0.00	10,970	208.53	0.11
30.90	0.00	10,932	208.52	0.11
31.00	0.00	10,893	208.52	0.11
31.10	0.00	10,855	208.52	0.11

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,818	208.51	0.10
31.30	0.00	10,780	208.51	0.10
31.40	0.00	10,743	208.50	0.10
31.50	0.00	10,706	208.50	0.10
31.60	0.00	10,669	208.49	0.10
31.70	0.00	10,632	208.49	0.10
31.80	0.00	10,596	208.48	0.10
31.90	0.00	10,559	208.48	0.10
32.00	0.00	10,523	208.47	0.10
32.10	0.00	10,488	208.47	0.10
32.20	0.00	10,452	208.46	0.10
32.30	0.00	10,417	208.46	0.10
32.40	0.00	10,382	208.46	0.10
32.50	0.00	10,347	208.45	0.10
32.60	0.00	10,312	208.45	0.10
32.70	0.00	10,278	208.44	0.10
32.80	0.00	10,243	208.44	0.09
32.90	0.00	10,209	208.43	0.09
33.00	0.00	10,176	208.43	0.09
33.10	0.00	10,142	208.42	0.09
33.20	0.00	10,109	208.42	0.09
33.30	0.00	10,076	208.42	0.09
33.40	0.00	10,043	208.41	0.09
33.50	0.00	10,010	208.41	0.09
33.60	0.00	9,978	208.40	0.09
33.70	0.00	9,945	208.40	0.09
33.80	0.00	9,913	208.40	0.09
33.90	0.00	9,882	208.39	0.09
34.00	0.00	9,850	208.39	0.09
34.10	0.00	9,819	208.38	0.09
34.20	0.00	9,788	208.38	0.09
34.30	0.00	9,757	208.38	0.09
34.40	0.00	9,726	208.37	0.08
34.50	0.00	9,696	208.37	0.08
34.60	0.00	9,665	208.36	0.08
34.70	0.00	9,635	208.36	0.08
34.80	0.00	9,606	208.36	0.08
34.90	0.00	9,576	208.35	0.08
35.00	0.00	9,547	208.35	0.08
35.10	0.00	9,518	208.34	0.08
35.20	0.00	9,489	208.34	0.08
35.30	0.00	9,460	208.34	0.08
35.40	0.00	9,432	208.33	0.08
35.50	0.00	9,404	208.33	0.08
35.60	0.00	9,376	208.33	0.08
35.70	0.00	9,348	208.32	0.08
35.80	0.00	9,321	208.32	0.08
35.90	0.00	9,293	208.32	0.08
36.00	0.00	9,266	208.31	0.07
36.10	0.00	9,239	208.31	0.07
36.20	0.00	9,213	208.31	0.07
36.30	0.00	9,186	208.30	0.07

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,160	208.30	0.07
36.50	0.00	9,134	208.30	0.07
36.60	0.00	9,109	208.29	0.07
36.70	0.00	9,083	208.29	0.07
36.80	0.00	9,058	208.29	0.07
36.90	0.00	9,033	208.28	0.07
37.00	0.00	9,008	208.28	0.07
37.10	0.00	8,984	208.28	0.07
37.20	0.00	8,959	208.27	0.07
37.30	0.00	8,935	208.27	0.07
37.40	0.00	8,911	208.27	0.07
37.50	0.00	8,888	208.26	0.07
37.60	0.00	8,864	208.26	0.06
37.70	0.00	8,841	208.26	0.06
37.80	0.00	8,818	208.25	0.06
37.90	0.00	8,796	208.25	0.06
38.00	0.00	8,773	208.25	0.06
38.10	0.00	8,751	208.25	0.06
38.20	0.00	8,729	208.24	0.06
38.30	0.00	8,707	208.24	0.06
38.40	0.00	8,685	208.24	0.06
38.50	0.00	8,664	208.23	0.06
38.60	0.00	8,643	208.23	0.06
38.70	0.00	8,622	208.23	0.06
38.80	0.00	8,601	208.23	0.06
38.90	0.00	8,581	208.22	0.06
39.00	0.00	8,561	208.22	0.06
39.10	0.00	8,541	208.22	0.06
39.20	0.00	8,521	208.21	0.05
39.30	0.00	8,501	208.21	0.05
39.40	0.00	8,482	208.21	0.05
39.50	0.00	8,463	208.21	0.05
39.60	0.00	8,444	208.20	0.05
39.70	0.00	8,425	208.20	0.05
39.80	0.00	8,406	208.20	0.05
39.90	0.00	8,388	208.20	0.05
40.00	0.00	8,370	208.20	0.05

Stage-Discharge for Pond B-7: Basin #7

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.00	0.00	207.52	0.00	208.04	0.00	208.56	0.11
207.01	0.00	207.53	0.00	208.05	0.00	208.57	0.11
207.02	0.00	207.54	0.00	208.06	0.01	208.58	0.11
207.03	0.00	207.55	0.00	208.07	0.01	208.59	0.11
207.04	0.00	207.56	0.00	208.08	0.01	208.60	0.12
207.05	0.00	207.57	0.00	208.09	0.01	208.61	0.12
207.06	0.00	207.58	0.00	208.10	0.02	208.62	0.12
207.07	0.00	207.59	0.00	208.11	0.02	208.63	0.12
207.08	0.00	207.60	0.00	208.12	0.02	208.64	0.12
207.09	0.00	207.61	0.00	208.13	0.03	208.65	0.12
207.10	0.00	207.62	0.00	208.14	0.03	208.66	0.12
207.11	0.00	207.63	0.00	208.15	0.03	208.67	0.12
207.12	0.00	207.64	0.00	208.16	0.04	208.68	0.12
207.13	0.00	207.65	0.00	208.17	0.04	208.69	0.13
207.14	0.00	207.66	0.00	208.18	0.05	208.70	0.13
207.15	0.00	207.67	0.00	208.19	0.05	208.71	0.13
207.16	0.00	207.68	0.00	208.20	0.05	208.72	0.13
207.17	0.00	207.69	0.00	208.21	0.05	208.73	0.13
207.18	0.00	207.70	0.00	208.22	0.06	208.74	0.13
207.19	0.00	207.71	0.00	208.23	0.06	208.75	0.13
207.20	0.00	207.72	0.00	208.24	0.06	208.76	0.13
207.21	0.00	207.73	0.00	208.25	0.06	208.77	0.13
207.22	0.00	207.74	0.00	208.26	0.06	208.78	0.13
207.23	0.00	207.75	0.00	208.27	0.07	208.79	0.14
207.24	0.00	207.76	0.00	208.28	0.07	208.80	0.14
207.25	0.00	207.77	0.00	208.29	0.07	208.81	0.14
207.26	0.00	207.78	0.00	208.30	0.07	208.82	0.14
207.27	0.00	207.79	0.00	208.31	0.07	208.83	0.14
207.28	0.00	207.80	0.00	208.32	0.08	208.84	0.14
207.29	0.00	207.81	0.00	208.33	0.08	208.85	0.14
207.30	0.00	207.82	0.00	208.34	0.08	208.86	0.14
207.31	0.00	207.83	0.00	208.35	0.08	208.87	0.14
207.32	0.00	207.84	0.00	208.36	0.08	208.88	0.14
207.33	0.00	207.85	0.00	208.37	0.08	208.89	0.15
207.34	0.00	207.86	0.00	208.38	0.09	208.90	0.15
207.35	0.00	207.87	0.00	208.39	0.09	208.91	0.15
207.36	0.00	207.88	0.00	208.40	0.09	208.92	0.15
207.37	0.00	207.89	0.00	208.41	0.09	208.93	0.15
207.38	0.00	207.90	0.00	208.42	0.09	208.94	0.15
207.39	0.00	207.91	0.00	208.43	0.09	208.95	0.15
207.40	0.00	207.92	0.00	208.44	0.10	208.96	0.15
207.41	0.00	207.93	0.00	208.45	0.10	208.97	0.15
207.42	0.00	207.94	0.00	208.46	0.10	208.98	0.15
207.43	0.00	207.95	0.00	208.47	0.10	208.99	0.15
207.44	0.00	207.96	0.00	208.48	0.10	209.00	0.16
207.45	0.00	207.97	0.00	208.49	0.10	209.01	0.17
207.46	0.00	207.98	0.00	208.50	0.10	209.02	0.19
207.47	0.00	207.99	0.00	208.51	0.10	209.03	0.23
207.48	0.00	208.00	0.00	208.52	0.11	209.04	0.26
207.49	0.00	208.01	0.00	208.53	0.11	209.05	0.31
207.50	0.00	208.02	0.00	208.54	0.11	209.06	0.35
207.51	0.00	208.03	0.00	208.55	0.11	209.07	0.40

Stage-Discharge for Pond B-7: Basin #7 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.08	0.46	209.60	6.10	210.12	12.79	210.64	20.18
209.09	0.51	209.61	6.24	210.13	12.82	210.65	20.87
209.10	0.58	209.62	6.39	210.14	12.84	210.66	21.60
209.11	0.64	209.63	6.54	210.15	12.87	210.67	22.34
209.12	0.71	209.64	6.69	210.16	12.89	210.68	23.11
209.13	0.78	209.65	6.84	210.17	12.92	210.69	23.90
209.14	0.85	209.66	6.99	210.18	12.94	210.70	24.70
209.15	0.92	209.67	7.14	210.19	12.96	210.71	25.57
209.16	1.00	209.68	7.29	210.20	12.99	210.72	26.47
209.17	1.08	209.69	7.44	210.21	13.01	210.73	27.39
209.18	1.16	209.70	7.60	210.22	13.04	210.74	28.33
209.19	1.24	209.71	7.76	210.23	13.06	210.75	29.30
209.20	1.33	209.72	7.91	210.24	13.08	210.76	30.30
209.21	1.42	209.73	8.07	210.25	13.11	210.77	31.32
209.22	1.51	209.74	8.23	210.26	13.13	210.78	32.36
209.23	1.60	209.75	8.39	210.27	13.15	210.79	33.43
209.24	1.69	209.76	8.55	210.28	13.18	210.80	34.53
209.25	1.79	209.77	8.71	210.29	13.20	210.81	35.65
209.26	1.89	209.78	8.87	210.30	13.23	210.82	36.79
209.27	1.99	209.79	9.03	210.31	13.25	210.83	37.96
209.28	2.09	209.80	9.20	210.32	13.27	210.84	39.15
209.29	2.19	209.81	9.36	210.33	13.30	210.85	40.36
209.30	2.30	209.82	9.53	210.34	13.32	210.86	41.60
209.31	2.40	209.83	9.70	210.35	13.34	210.87	42.87
209.32	2.51	209.84	9.86	210.36	13.37	210.88	44.16
209.33	2.62	209.85	10.03	210.37	13.39	210.89	45.47
209.34	2.73	209.86	10.20	210.38	13.41	210.90	46.80
209.35	2.84	209.87	10.37	210.39	13.44	210.91	48.19
209.36	2.96	209.88	10.54	210.40	13.46	210.92	49.60
209.37	3.07	209.89	10.71	210.41	13.48	210.93	51.04
209.38	3.19	209.90	10.89	210.42	13.51	210.94	52.51
209.39	3.31	209.91	11.06	210.43	13.53	210.95	54.00
209.40	3.43	209.92	11.23	210.44	13.55	210.96	55.52
209.41	3.55	209.93	11.41	210.45	13.58	210.97	57.06
209.42	3.67	209.94	11.58	210.46	13.60	210.98	58.63
209.43	3.80	209.95	11.76	210.47	13.62	210.99	60.23
209.44	3.92	209.96	11.94	210.48	13.64	211.00	61.85
209.45	4.05	209.97	12.11	210.49	13.67		
209.46	4.18	209.98	12.29	210.50	13.69		
209.47	4.31	209.99	12.47	210.51	13.83		
209.48	4.44	210.00	12.50	210.52	14.07		
209.49	4.57	210.01	12.52	210.53	14.37		
209.50	4.70	210.02	12.55	210.54	14.72		
209.51	4.84	210.03	12.57	210.55	15.12		
209.52	4.97	210.04	12.60	210.56	15.55		
209.53	5.11	210.05	12.62	210.57	16.02		
209.54	5.25	210.06	12.65	210.58	16.53		
209.55	5.39	210.07	12.67	210.59	17.07		
209.56	5.53	210.08	12.70	210.60	17.63		
209.57	5.67	210.09	12.72	210.61	18.23		
209.58	5.81	210.10	12.74	210.62	18.85		
209.59	5.95	210.11	12.77	210.63	19.50		

Stage-Area-Storage for Pond B-7: Basin #7

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.00	6,419	0	207.52	6,927	3,470
207.01	6,429	64	207.53	6,936	3,539
207.02	6,439	129	207.54	6,946	3,609
207.03	6,448	193	207.55	6,956	3,678
207.04	6,458	258	207.56	6,966	3,748
207.05	6,468	322	207.57	6,975	3,817
207.06	6,478	387	207.58	6,985	3,887
207.07	6,487	452	207.59	6,995	3,957
207.08	6,497	517	207.60	7,005	4,027
207.09	6,507	582	207.61	7,014	4,097
207.10	6,517	647	207.62	7,024	4,167
207.11	6,526	712	207.63	7,034	4,238
207.12	6,536	777	207.64	7,044	4,308
207.13	6,546	843	207.65	7,053	4,379
207.14	6,556	908	207.66	7,063	4,449
207.15	6,565	974	207.67	7,073	4,520
207.16	6,575	1,040	207.68	7,083	4,591
207.17	6,585	1,105	207.69	7,092	4,661
207.18	6,595	1,171	207.70	7,102	4,732
207.19	6,604	1,237	207.71	7,112	4,803
207.20	6,614	1,303	207.72	7,122	4,875
207.21	6,624	1,370	207.73	7,131	4,946
207.22	6,634	1,436	207.74	7,141	5,017
207.23	6,643	1,502	207.75	7,151	5,089
207.24	6,653	1,569	207.76	7,161	5,160
207.25	6,663	1,635	207.77	7,171	5,232
207.26	6,673	1,702	207.78	7,180	5,304
207.27	6,683	1,769	207.79	7,190	5,376
207.28	6,692	1,836	207.80	7,200	5,448
207.29	6,702	1,903	207.81	7,210	5,520
207.30	6,712	1,970	207.82	7,219	5,592
207.31	6,722	2,037	207.83	7,229	5,664
207.32	6,731	2,104	207.84	7,239	5,736
207.33	6,741	2,171	207.85	7,249	5,809
207.34	6,751	2,239	207.86	7,258	5,881
207.35	6,761	2,306	207.87	7,268	5,954
207.36	6,770	2,374	207.88	7,278	6,027
207.37	6,780	2,442	207.89	7,288	6,099
207.38	6,790	2,510	207.90	7,297	6,172
207.39	6,800	2,578	207.91	7,307	6,245
207.40	6,809	2,646	207.92	7,317	6,319
207.41	6,819	2,714	207.93	7,327	6,392
207.42	6,829	2,782	207.94	7,336	6,465
207.43	6,839	2,850	207.95	7,346	6,538
207.44	6,848	2,919	207.96	7,356	6,612
207.45	6,858	2,987	207.97	7,366	6,686
207.46	6,868	3,056	207.98	7,375	6,759
207.47	6,878	3,125	207.99	7,385	6,833
207.48	6,887	3,194	208.00	7,395	6,907
207.49	6,897	3,262	208.01	7,405	6,981
207.50	6,907	3,332	208.02	7,416	7,055
207.51	6,917	3,401	208.03	7,426	7,129

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.04	7,436	7,204	208.56	7,974	11,210
208.05	7,447	7,278	208.57	7,984	11,290
208.06	7,457	7,353	208.58	7,995	11,370
208.07	7,467	7,427	208.59	8,005	11,450
208.08	7,478	7,502	208.60	8,015	11,530
208.09	7,488	7,577	208.61	8,026	11,610
208.10	7,498	7,652	208.62	8,036	11,691
208.11	7,509	7,727	208.63	8,046	11,771
208.12	7,519	7,802	208.64	8,057	11,852
208.13	7,529	7,877	208.65	8,067	11,932
208.14	7,540	7,952	208.66	8,077	12,013
208.15	7,550	8,028	208.67	8,088	12,094
208.16	7,560	8,103	208.68	8,098	12,175
208.17	7,571	8,179	208.69	8,108	12,256
208.18	7,581	8,255	208.70	8,119	12,337
208.19	7,591	8,331	208.71	8,129	12,418
208.20	7,602	8,407	208.72	8,139	12,499
208.21	7,612	8,483	208.73	8,150	12,581
208.22	7,622	8,559	208.74	8,160	12,662
208.23	7,633	8,635	208.75	8,171	12,744
208.24	7,643	8,712	208.76	8,181	12,826
208.25	7,654	8,788	208.77	8,191	12,908
208.26	7,664	8,865	208.78	8,202	12,990
208.27	7,674	8,941	208.79	8,212	13,072
208.28	7,685	9,018	208.80	8,222	13,154
208.29	7,695	9,095	208.81	8,233	13,236
208.30	7,705	9,172	208.82	8,243	13,319
208.31	7,716	9,249	208.83	8,253	13,401
208.32	7,726	9,326	208.84	8,264	13,484
208.33	7,736	9,404	208.85	8,274	13,566
208.34	7,747	9,481	208.86	8,284	13,649
208.35	7,757	9,559	208.87	8,295	13,732
208.36	7,767	9,636	208.88	8,305	13,815
208.37	7,778	9,714	208.89	8,315	13,898
208.38	7,788	9,792	208.90	8,326	13,981
208.39	7,798	9,870	208.91	8,336	14,065
208.40	7,809	9,948	208.92	8,346	14,148
208.41	7,819	10,026	208.93	8,357	14,232
208.42	7,829	10,104	208.94	8,367	14,315
208.43	7,840	10,182	208.95	8,377	14,399
208.44	7,850	10,261	208.96	8,388	14,483
208.45	7,860	10,339	208.97	8,398	14,567
208.46	7,871	10,418	208.98	8,408	14,651
208.47	7,881	10,497	208.99	8,419	14,735
208.48	7,891	10,576	209.00	8,429	14,819
208.49	7,902	10,655	209.01	8,440	14,903
208.50	7,912	10,734	209.02	8,450	14,988
208.51	7,922	10,813	209.03	8,461	15,072
208.52	7,933	10,892	209.04	8,471	15,157
208.53	7,943	10,972	209.05	8,482	15,242
208.54	7,953	11,051	209.06	8,492	15,327
208.55	7,964	11,131	209.07	8,503	15,412

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.08	8,513	15,497	209.60	9,062	20,066
209.09	8,524	15,582	209.61	9,073	20,157
209.10	8,534	15,667	209.62	9,083	20,248
209.11	8,545	15,753	209.63	9,094	20,339
209.12	8,556	15,838	209.64	9,104	20,430
209.13	8,566	15,924	209.65	9,115	20,521
209.14	8,577	16,009	209.66	9,125	20,612
209.15	8,587	16,095	209.67	9,136	20,703
209.16	8,598	16,181	209.68	9,146	20,795
209.17	8,608	16,267	209.69	9,157	20,886
209.18	8,619	16,353	209.70	9,167	20,978
209.19	8,629	16,440	209.71	9,178	21,070
209.20	8,640	16,526	209.72	9,189	21,161
209.21	8,651	16,612	209.73	9,199	21,253
209.22	8,661	16,699	209.74	9,210	21,345
209.23	8,672	16,786	209.75	9,220	21,437
209.24	8,682	16,872	209.76	9,231	21,530
209.25	8,693	16,959	209.77	9,241	21,622
209.26	8,703	17,046	209.78	9,252	21,715
209.27	8,714	17,133	209.79	9,262	21,807
209.28	8,724	17,220	209.80	9,273	21,900
209.29	8,735	17,308	209.81	9,284	21,993
209.30	8,746	17,395	209.82	9,294	22,085
209.31	8,756	17,483	209.83	9,305	22,178
209.32	8,767	17,570	209.84	9,315	22,272
209.33	8,777	17,658	209.85	9,326	22,365
209.34	8,788	17,746	209.86	9,336	22,458
209.35	8,798	17,834	209.87	9,347	22,551
209.36	8,809	17,922	209.88	9,357	22,645
209.37	8,819	18,010	209.89	9,368	22,739
209.38	8,830	18,098	209.90	9,379	22,832
209.39	8,840	18,187	209.91	9,389	22,926
209.40	8,851	18,275	209.92	9,400	23,020
209.41	8,862	18,364	209.93	9,410	23,114
209.42	8,872	18,452	209.94	9,421	23,208
209.43	8,883	18,541	209.95	9,431	23,303
209.44	8,893	18,630	209.96	9,442	23,397
209.45	8,904	18,719	209.97	9,452	23,491
209.46	8,914	18,808	209.98	9,463	23,586
209.47	8,925	18,897	209.99	9,473	23,681
209.48	8,935	18,986	210.00	9,484	23,776
209.49	8,946	19,076	210.01	9,495	23,870
209.50	8,957	19,165	210.02	9,507	23,965
209.51	8,967	19,255	210.03	9,518	24,061
209.52	8,978	19,345	210.04	9,530	24,156
209.53	8,988	19,435	210.05	9,541	24,251
209.54	8,999	19,524	210.06	9,552	24,347
209.55	9,009	19,615	210.07	9,564	24,442
209.56	9,020	19,705	210.08	9,575	24,538
209.57	9,030	19,795	210.09	9,587	24,634
209.58	9,041	19,885	210.10	9,598	24,730
209.59	9,051	19,976	210.11	9,609	24,826

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.12	9,621	24,922	210.64	10,213	30,079
210.13	9,632	25,018	210.65	10,224	30,181
210.14	9,643	25,114	210.66	10,236	30,283
210.15	9,655	25,211	210.67	10,247	30,385
210.16	9,666	25,308	210.68	10,259	30,488
210.17	9,678	25,404	210.69	10,270	30,591
210.18	9,689	25,501	210.70	10,281	30,693
210.19	9,700	25,598	210.71	10,293	30,796
210.20	9,712	25,695	210.72	10,304	30,899
210.21	9,723	25,792	210.73	10,315	31,002
210.22	9,735	25,890	210.74	10,327	31,106
210.23	9,746	25,987	210.75	10,338	31,209
210.24	9,757	26,084	210.76	10,350	31,312
210.25	9,769	26,182	210.77	10,361	31,416
210.26	9,780	26,280	210.78	10,372	31,520
210.27	9,792	26,378	210.79	10,384	31,623
210.28	9,803	26,476	210.80	10,395	31,727
210.29	9,814	26,574	210.81	10,407	31,831
210.30	9,826	26,672	210.82	10,418	31,935
210.31	9,837	26,770	210.83	10,429	32,040
210.32	9,848	26,869	210.84	10,441	32,144
210.33	9,860	26,967	210.85	10,452	32,248
210.34	9,871	27,066	210.86	10,464	32,353
210.35	9,883	27,165	210.87	10,475	32,458
210.36	9,894	27,264	210.88	10,486	32,562
210.37	9,905	27,363	210.89	10,498	32,667
210.38	9,917	27,462	210.90	10,509	32,772
210.39	9,928	27,561	210.91	10,520	32,878
210.40	9,940	27,660	210.92	10,532	32,983
210.41	9,951	27,760	210.93	10,543	33,088
210.42	9,962	27,859	210.94	10,555	33,194
210.43	9,974	27,959	210.95	10,566	33,299
210.44	9,985	28,059	210.96	10,577	33,405
210.45	9,997	28,159	210.97	10,589	33,511
210.46	10,008	28,259	210.98	10,600	33,617
210.47	10,019	28,359	210.99	10,612	33,723
210.48	10,031	28,459	211.00	10,623	33,829
210.49	10,042	28,559			
210.50	10,054	28,660			
210.51	10,065	28,760			
210.52	10,076	28,861			
210.53	10,088	28,962			
210.54	10,099	29,063			
210.55	10,110	29,164			
210.56	10,122	29,265			
210.57	10,133	29,366			
210.58	10,145	29,468			
210.59	10,156	29,569			
210.60	10,167	29,671			
210.61	10,179	29,773			
210.62	10,190	29,874			
210.63	10,202	29,976			

Summary for Pond B-8: Basin #8

Inflow Area = 2.090 ac, 23.06% Impervious, Inflow Depth = 3.61" for Future 10 yr event
 Inflow = 7.94 cfs @ 12.17 hrs, Volume= 0.629 af
 Outflow = 1.70 cfs @ 12.64 hrs, Volume= 0.499 af, Atten= 79%, Lag= 27.8 min
 Primary = 1.70 cfs @ 12.64 hrs, Volume= 0.499 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.03' @ 12.64 hrs Surf.Area= 14,309 sf Storage= 14,268 cf

Plug-Flow detention time= 434.0 min calculated for 0.498 af (79% of inflow)
 Center-of-Mass det. time= 351.0 min (1,157.2 - 806.3)

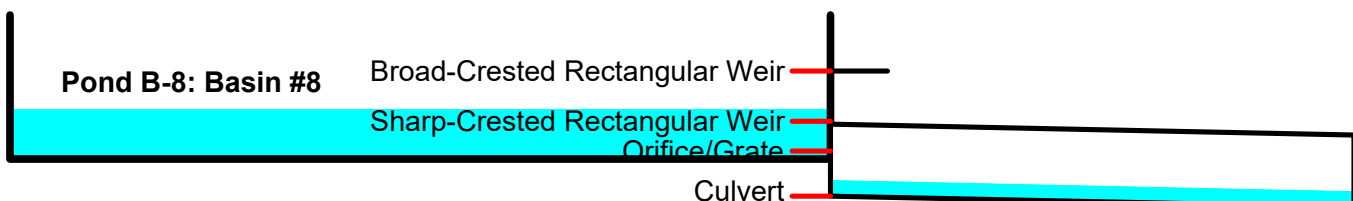
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	44,379 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

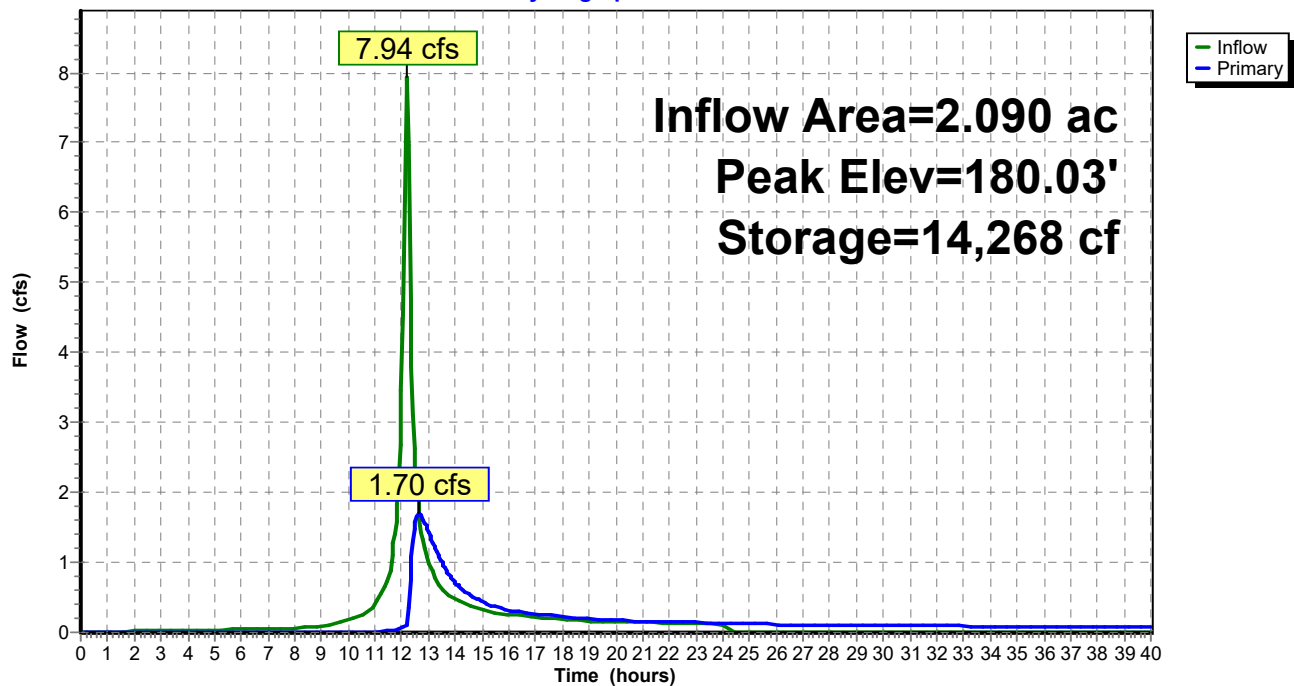
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	13,283	0	0
180.00	14,274	13,779	13,779
181.00	15,293	14,784	28,562
182.00	16,341	15,817	44,379

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 46.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	179.79'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.83'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.70 cfs @ 12.64 hrs HW=180.03' (Free Discharge)

- 1=Culvert (Passes 1.70 cfs of 7.55 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.14 cfs @ 4.20 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 1.56 cfs @ 1.62 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-8: Basin #8**Hydrograph**

Hydrograph for Pond B-8: Basin #8

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	1	179.00	0.00
1.00	0.00	1	179.00	0.00
1.10	0.01	3	179.00	0.00
1.20	0.01	5	179.00	0.00
1.30	0.01	8	179.00	0.00
1.40	0.01	11	179.00	0.00
1.50	0.01	15	179.00	0.00
1.60	0.01	19	179.00	0.00
1.70	0.01	23	179.00	0.00
1.80	0.01	28	179.00	0.00
1.90	0.02	34	179.00	0.00
2.00	0.02	39	179.00	0.00
2.10	0.02	45	179.00	0.00
2.20	0.02	52	179.00	0.00
2.30	0.02	58	179.00	0.00
2.40	0.02	66	179.00	0.00
2.50	0.02	73	179.01	0.00
2.60	0.02	81	179.01	0.00
2.70	0.02	89	179.01	0.00
2.80	0.02	97	179.01	0.00
2.90	0.02	105	179.01	0.00
3.00	0.02	114	179.01	0.00
3.10	0.03	123	179.01	0.00
3.20	0.03	132	179.01	0.00
3.30	0.03	142	179.01	0.00
3.40	0.03	152	179.01	0.00
3.50	0.03	162	179.01	0.00
3.60	0.03	172	179.01	0.00
3.70	0.03	182	179.01	0.00
3.80	0.03	193	179.01	0.00
3.90	0.03	204	179.02	0.00
4.00	0.03	215	179.02	0.00
4.10	0.03	226	179.02	0.00
4.20	0.03	237	179.02	0.00
4.30	0.03	249	179.02	0.00
4.40	0.03	260	179.02	0.00
4.50	0.03	272	179.02	0.00
4.60	0.03	285	179.02	0.00
4.70	0.03	297	179.02	0.00
4.80	0.03	309	179.02	0.00
4.90	0.04	322	179.02	0.00
5.00	0.04	335	179.03	0.00
5.10	0.04	348	179.03	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	361	179.03	0.00
5.30	0.04	374	179.03	0.00
5.40	0.04	388	179.03	0.00
5.50	0.04	401	179.03	0.00
5.60	0.04	415	179.03	0.00
5.70	0.04	429	179.03	0.00
5.80	0.04	443	179.03	0.00
5.90	0.04	457	179.03	0.00
6.00	0.04	472	179.04	0.00
6.10	0.04	486	179.04	0.00
6.20	0.04	501	179.04	0.00
6.30	0.04	516	179.04	0.00
6.40	0.04	532	179.04	0.00
6.50	0.05	548	179.04	0.00
6.60	0.05	564	179.04	0.00
6.70	0.05	581	179.04	0.00
6.80	0.05	598	179.04	0.00
6.90	0.05	616	179.05	0.00
7.00	0.05	634	179.05	0.00
7.10	0.05	653	179.05	0.00
7.20	0.05	672	179.05	0.00
7.30	0.05	691	179.05	0.00
7.40	0.06	711	179.05	0.00
7.50	0.06	731	179.05	0.00
7.60	0.06	752	179.06	0.00
7.70	0.06	773	179.06	0.00
7.80	0.06	795	179.06	0.00
7.90	0.06	817	179.06	0.00
8.00	0.06	839	179.06	0.00
8.10	0.06	862	179.06	0.00
8.20	0.07	885	179.07	0.00
8.30	0.07	909	179.07	0.00
8.40	0.07	934	179.07	0.00
8.50	0.07	961	179.07	0.00
8.60	0.08	988	179.07	0.00
8.70	0.08	1,017	179.08	0.00
8.80	0.08	1,047	179.08	0.00
8.90	0.09	1,078	179.08	0.00
9.00	0.09	1,110	179.08	0.00
9.10	0.10	1,144	179.09	0.00
9.20	0.10	1,180	179.09	0.00
9.30	0.11	1,218	179.09	0.00
9.40	0.12	1,259	179.09	0.00
9.50	0.13	1,304	179.10	0.00
9.60	0.14	1,351	179.10	0.00
9.70	0.15	1,402	179.11	0.00
9.80	0.16	1,456	179.11	0.00
9.90	0.17	1,514	179.11	0.00
10.00	0.18	1,575	179.12	0.00
10.10	0.19	1,641	179.12	0.00
10.20	0.20	1,710	179.13	0.00
10.30	0.21	1,783	179.13	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	1,861	179.14	0.00
10.50	0.23	1,943	179.15	0.00
10.60	0.25	2,030	179.15	0.00
10.70	0.28	2,126	179.16	0.00
10.80	0.32	2,233	179.17	0.00
10.90	0.36	2,354	179.18	0.00
11.00	0.40	2,489	179.19	0.00
11.10	0.44	2,639	179.20	0.00
11.20	0.51	2,811	179.21	0.00
11.30	0.59	3,007	179.22	0.01
11.40	0.67	3,232	179.24	0.01
11.50	0.76	3,485	179.26	0.01
11.60	0.94	3,777	179.28	0.02
11.70	1.26	4,166	179.31	0.03
11.80	1.58	4,659	179.35	0.04
11.90	2.20	5,311	179.39	0.06
12.00	3.46	6,280	179.46	0.07
12.10	6.15	7,937	179.58	0.09
12.20	7.72	10,543	179.77	0.12
12.30	4.77	12,646	179.92	0.75
12.40	3.11	13,660	179.99	1.31
12.50	2.31	14,093	180.02	1.59
12.60	1.88	14,257	180.03	1.70
12.70	1.43	14,237	180.03	1.68
12.80	1.24	14,120	180.02	1.61
12.90	1.12	13,981	180.01	1.52
13.00	1.01	13,835	180.00	1.42
13.10	0.90	13,685	179.99	1.33
13.20	0.81	13,531	179.98	1.24
13.30	0.74	13,382	179.97	1.15
13.40	0.69	13,242	179.96	1.06
13.50	0.63	13,109	179.95	0.99
13.60	0.57	12,981	179.94	0.92
13.70	0.53	12,858	179.94	0.85
13.80	0.50	12,746	179.93	0.80
13.90	0.48	12,646	179.92	0.75
14.00	0.47	12,557	179.91	0.70
14.10	0.45	12,477	179.91	0.66
14.20	0.44	12,405	179.90	0.63
14.30	0.43	12,341	179.90	0.60
14.40	0.41	12,281	179.89	0.57
14.50	0.40	12,224	179.89	0.55
14.60	0.38	12,171	179.89	0.52
14.70	0.37	12,120	179.88	0.50
14.80	0.35	12,072	179.88	0.48
14.90	0.34	12,026	179.88	0.46
15.00	0.32	11,981	179.87	0.44
15.10	0.31	11,937	179.87	0.42
15.20	0.29	11,895	179.87	0.41
15.30	0.29	11,855	179.86	0.39
15.40	0.28	11,817	179.86	0.38
15.50	0.28	11,783	179.86	0.37

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	11,752	179.86	0.36
15.70	0.27	11,723	179.86	0.35
15.80	0.27	11,697	179.85	0.34
15.90	0.26	11,672	179.85	0.33
16.00	0.26	11,649	179.85	0.32
16.10	0.25	11,627	179.85	0.31
16.20	0.25	11,607	179.85	0.31
16.30	0.25	11,588	179.85	0.30
16.40	0.24	11,569	179.84	0.29
16.50	0.24	11,552	179.84	0.29
16.60	0.23	11,535	179.84	0.28
16.70	0.23	11,519	179.84	0.27
16.80	0.23	11,504	179.84	0.27
16.90	0.22	11,489	179.84	0.26
17.00	0.22	11,473	179.84	0.26
17.10	0.21	11,458	179.84	0.26
17.20	0.21	11,443	179.84	0.25
17.30	0.21	11,428	179.83	0.25
17.40	0.20	11,413	179.83	0.24
17.50	0.20	11,397	179.83	0.24
17.60	0.19	11,382	179.83	0.24
17.70	0.19	11,367	179.83	0.23
17.80	0.19	11,352	179.83	0.23
17.90	0.18	11,336	179.83	0.22
18.00	0.18	11,321	179.83	0.22
18.10	0.17	11,306	179.83	0.22
18.20	0.17	11,291	179.82	0.21
18.30	0.17	11,276	179.82	0.21
18.40	0.17	11,262	179.82	0.20
18.50	0.17	11,249	179.82	0.20
18.60	0.17	11,237	179.82	0.20
18.70	0.16	11,226	179.82	0.19
18.80	0.16	11,215	179.82	0.19
18.90	0.16	11,205	179.82	0.19
19.00	0.16	11,195	179.82	0.19
19.10	0.16	11,187	179.82	0.18
19.20	0.16	11,178	179.82	0.18
19.30	0.16	11,170	179.82	0.18
19.40	0.16	11,162	179.82	0.18
19.50	0.16	11,155	179.82	0.18
19.60	0.16	11,148	179.81	0.17
19.70	0.15	11,141	179.81	0.17
19.80	0.15	11,135	179.81	0.17
19.90	0.15	11,129	179.81	0.17
20.00	0.15	11,123	179.81	0.17
20.10	0.15	11,117	179.81	0.17
20.20	0.15	11,112	179.81	0.16
20.30	0.15	11,106	179.81	0.16
20.40	0.15	11,101	179.81	0.16
20.50	0.15	11,096	179.81	0.16
20.60	0.15	11,091	179.81	0.16
20.70	0.14	11,086	179.81	0.16

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	11,081	179.81	0.16
20.90	0.14	11,076	179.81	0.16
21.00	0.14	11,071	179.81	0.16
21.10	0.14	11,066	179.81	0.15
21.20	0.14	11,061	179.81	0.15
21.30	0.14	11,055	179.81	0.15
21.40	0.14	11,050	179.81	0.15
21.50	0.14	11,045	179.81	0.15
21.60	0.13	11,039	179.81	0.15
21.70	0.13	11,033	179.81	0.15
21.80	0.13	11,027	179.81	0.15
21.90	0.13	11,022	179.81	0.15
22.00	0.13	11,016	179.81	0.15
22.10	0.13	11,010	179.80	0.15
22.20	0.13	11,003	179.80	0.15
22.30	0.13	10,997	179.80	0.15
22.40	0.13	10,991	179.80	0.14
22.50	0.13	10,985	179.80	0.14
22.60	0.12	10,979	179.80	0.14
22.70	0.12	10,972	179.80	0.14
22.80	0.12	10,966	179.80	0.14
22.90	0.12	10,959	179.80	0.14
23.00	0.12	10,953	179.80	0.14
23.10	0.12	10,946	179.80	0.14
23.20	0.12	10,940	179.80	0.14
23.30	0.12	10,933	179.80	0.14
23.40	0.12	10,926	179.80	0.14
23.50	0.12	10,920	179.80	0.13
23.60	0.11	10,913	179.80	0.13
23.70	0.11	10,906	179.80	0.13
23.80	0.11	10,899	179.80	0.13
23.90	0.11	10,893	179.80	0.13
24.00	0.12	10,886	179.80	0.13
24.10	0.10	10,881	179.80	0.13
24.20	0.03	10,857	179.79	0.13
24.30	0.01	10,818	179.79	0.12
24.40	0.00	10,777	179.79	0.12
24.50	0.00	10,735	179.79	0.12
24.60	0.00	10,693	179.78	0.12
24.70	0.00	10,651	179.78	0.12
24.80	0.00	10,609	179.78	0.12
24.90	0.00	10,567	179.77	0.12
25.00	0.00	10,525	179.77	0.12
25.10	0.00	10,484	179.77	0.12
25.20	0.00	10,442	179.76	0.11
25.30	0.00	10,401	179.76	0.11
25.40	0.00	10,360	179.76	0.11
25.50	0.00	10,319	179.76	0.11
25.60	0.00	10,278	179.75	0.11
25.70	0.00	10,237	179.75	0.11
25.80	0.00	10,196	179.75	0.11
25.90	0.00	10,156	179.74	0.11

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,115	179.74	0.11
26.10	0.00	10,075	179.74	0.11
26.20	0.00	10,035	179.74	0.11
26.30	0.00	9,995	179.73	0.11
26.40	0.00	9,955	179.73	0.11
26.50	0.00	9,915	179.73	0.11
26.60	0.00	9,876	179.72	0.11
26.70	0.00	9,836	179.72	0.11
26.80	0.00	9,797	179.72	0.11
26.90	0.00	9,757	179.72	0.11
27.00	0.00	9,718	179.71	0.11
27.10	0.00	9,679	179.71	0.11
27.20	0.00	9,640	179.71	0.11
27.30	0.00	9,601	179.70	0.11
27.40	0.00	9,563	179.70	0.11
27.50	0.00	9,524	179.70	0.11
27.60	0.00	9,486	179.70	0.11
27.70	0.00	9,447	179.69	0.11
27.80	0.00	9,409	179.69	0.11
27.90	0.00	9,371	179.69	0.11
28.00	0.00	9,333	179.69	0.11
28.10	0.00	9,295	179.68	0.10
28.20	0.00	9,258	179.68	0.10
28.30	0.00	9,220	179.68	0.10
28.40	0.00	9,183	179.67	0.10
28.50	0.00	9,145	179.67	0.10
28.60	0.00	9,108	179.67	0.10
28.70	0.00	9,071	179.67	0.10
28.80	0.00	9,034	179.66	0.10
28.90	0.00	8,997	179.66	0.10
29.00	0.00	8,961	179.66	0.10
29.10	0.00	8,924	179.66	0.10
29.20	0.00	8,888	179.65	0.10
29.30	0.00	8,851	179.65	0.10
29.40	0.00	8,815	179.65	0.10
29.50	0.00	8,779	179.65	0.10
29.60	0.00	8,743	179.64	0.10
29.70	0.00	8,707	179.64	0.10
29.80	0.00	8,672	179.64	0.10
29.90	0.00	8,636	179.64	0.10
30.00	0.00	8,601	179.63	0.10
30.10	0.00	8,565	179.63	0.10
30.20	0.00	8,530	179.63	0.10
30.30	0.00	8,495	179.62	0.10
30.40	0.00	8,460	179.62	0.10
30.50	0.00	8,425	179.62	0.10
30.60	0.00	8,391	179.62	0.10
30.70	0.00	8,356	179.61	0.10
30.80	0.00	8,322	179.61	0.10
30.90	0.00	8,287	179.61	0.10
31.00	0.00	8,253	179.61	0.09
31.10	0.00	8,219	179.61	0.09

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,185	179.60	0.09
31.30	0.00	8,151	179.60	0.09
31.40	0.00	8,118	179.60	0.09
31.50	0.00	8,084	179.60	0.09
31.60	0.00	8,051	179.59	0.09
31.70	0.00	8,017	179.59	0.09
31.80	0.00	7,984	179.59	0.09
31.90	0.00	7,951	179.59	0.09
32.00	0.00	7,918	179.58	0.09
32.10	0.00	7,886	179.58	0.09
32.20	0.00	7,853	179.58	0.09
32.30	0.00	7,820	179.58	0.09
32.40	0.00	7,788	179.57	0.09
32.50	0.00	7,756	179.57	0.09
32.60	0.00	7,723	179.57	0.09
32.70	0.00	7,691	179.57	0.09
32.80	0.00	7,660	179.56	0.09
32.90	0.00	7,628	179.56	0.09
33.00	0.00	7,596	179.56	0.09
33.10	0.00	7,565	179.56	0.09
33.20	0.00	7,533	179.56	0.09
33.30	0.00	7,502	179.55	0.09
33.40	0.00	7,471	179.55	0.09
33.50	0.00	7,440	179.55	0.09
33.60	0.00	7,409	179.55	0.09
33.70	0.00	7,378	179.54	0.09
33.80	0.00	7,347	179.54	0.08
33.90	0.00	7,317	179.54	0.08
34.00	0.00	7,286	179.54	0.08
34.10	0.00	7,256	179.54	0.08
34.20	0.00	7,226	179.53	0.08
34.30	0.00	7,196	179.53	0.08
34.40	0.00	7,166	179.53	0.08
34.50	0.00	7,136	179.53	0.08
34.60	0.00	7,107	179.52	0.08
34.70	0.00	7,077	179.52	0.08
34.80	0.00	7,048	179.52	0.08
34.90	0.00	7,019	179.52	0.08
35.00	0.00	6,990	179.52	0.08
35.10	0.00	6,961	179.51	0.08
35.20	0.00	6,932	179.51	0.08
35.30	0.00	6,903	179.51	0.08
35.40	0.00	6,874	179.51	0.08
35.50	0.00	6,846	179.51	0.08
35.60	0.00	6,817	179.50	0.08
35.70	0.00	6,789	179.50	0.08
35.80	0.00	6,761	179.50	0.08
35.90	0.00	6,733	179.50	0.08
36.00	0.00	6,705	179.50	0.08
36.10	0.00	6,678	179.49	0.08
36.20	0.00	6,650	179.49	0.08
36.30	0.00	6,622	179.49	0.08

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,595	179.49	0.08
36.50	0.00	6,568	179.49	0.08
36.60	0.00	6,541	179.48	0.08
36.70	0.00	6,514	179.48	0.07
36.80	0.00	6,487	179.48	0.07
36.90	0.00	6,460	179.48	0.07
37.00	0.00	6,434	179.48	0.07
37.10	0.00	6,407	179.47	0.07
37.20	0.00	6,381	179.47	0.07
37.30	0.00	6,355	179.47	0.07
37.40	0.00	6,329	179.47	0.07
37.50	0.00	6,303	179.47	0.07
37.60	0.00	6,277	179.46	0.07
37.70	0.00	6,251	179.46	0.07
37.80	0.00	6,225	179.46	0.07
37.90	0.00	6,200	179.46	0.07
38.00	0.00	6,175	179.46	0.07
38.10	0.00	6,150	179.46	0.07
38.20	0.00	6,124	179.45	0.07
38.30	0.00	6,100	179.45	0.07
38.40	0.00	6,075	179.45	0.07
38.50	0.00	6,050	179.45	0.07
38.60	0.00	6,025	179.45	0.07
38.70	0.00	6,001	179.44	0.07
38.80	0.00	5,977	179.44	0.07
38.90	0.00	5,953	179.44	0.07
39.00	0.00	5,928	179.44	0.07
39.10	0.00	5,905	179.44	0.07
39.20	0.00	5,881	179.44	0.07
39.30	0.00	5,857	179.43	0.07
39.40	0.00	5,834	179.43	0.07
39.50	0.00	5,810	179.43	0.06
39.60	0.00	5,787	179.43	0.06
39.70	0.00	5,764	179.43	0.06
39.80	0.00	5,741	179.43	0.06
39.90	0.00	5,718	179.42	0.06
40.00	0.00	5,695	179.42	0.06

Stage-Discharge for Pond B-8: Basin #8

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	1.76	180.56	8.68
179.01	0.00	179.53	0.08	180.05	1.86	180.57	8.85
179.02	0.00	179.54	0.08	180.06	1.96	180.58	9.01
179.03	0.00	179.55	0.09	180.07	2.06	180.59	9.17
179.04	0.00	179.56	0.09	180.08	2.16	180.60	9.34
179.05	0.00	179.57	0.09	180.09	2.27	180.61	9.50
179.06	0.00	179.58	0.09	180.10	2.37	180.62	9.67
179.07	0.00	179.59	0.09	180.11	2.48	180.63	9.84
179.08	0.00	179.60	0.09	180.12	2.59	180.64	9.90
179.09	0.00	179.61	0.10	180.13	2.70	180.65	9.94
179.10	0.00	179.62	0.10	180.14	2.81	180.66	9.98
179.11	0.00	179.63	0.10	180.15	2.93	180.67	10.03
179.12	0.00	179.64	0.10	180.16	3.04	180.68	10.07
179.13	0.00	179.65	0.10	180.17	3.16	180.69	10.11
179.14	0.00	179.66	0.10	180.18	3.28	180.70	10.15
179.15	0.00	179.67	0.10	180.19	3.40	180.71	10.19
179.16	0.00	179.68	0.10	180.20	3.52	180.72	10.24
179.17	0.00	179.69	0.11	180.21	3.64	180.73	10.28
179.18	0.00	179.70	0.11	180.22	3.77	180.74	10.32
179.19	0.00	179.71	0.11	180.23	3.89	180.75	10.36
179.20	0.00	179.72	0.11	180.24	4.02	180.76	10.40
179.21	0.00	179.73	0.11	180.25	4.15	180.77	10.44
179.22	0.00	179.74	0.11	180.26	4.28	180.78	10.49
179.23	0.01	179.75	0.11	180.27	4.41	180.79	10.53
179.24	0.01	179.76	0.11	180.28	4.54	180.80	10.57
179.25	0.01	179.77	0.12	180.29	4.67	180.81	10.61
179.26	0.01	179.78	0.12	180.30	4.81	180.82	10.65
179.27	0.02	179.79	0.12	180.31	4.94	180.83	10.69
179.28	0.02	179.80	0.13	180.32	5.08	180.84	10.85
179.29	0.02	179.81	0.16	180.33	5.22	180.85	11.10
179.30	0.03	179.82	0.19	180.34	5.36	180.86	11.42
179.31	0.03	179.83	0.23	180.35	5.50	180.87	11.79
179.32	0.03	179.84	0.27	180.36	5.64	180.88	12.20
179.33	0.04	179.85	0.32	180.37	5.78	180.89	12.65
179.34	0.04	179.86	0.37	180.38	5.93	180.90	13.14
179.35	0.05	179.87	0.42	180.39	6.07	180.91	13.66
179.36	0.05	179.88	0.48	180.40	6.22	180.92	14.22
179.37	0.05	179.89	0.54	180.41	6.36	180.93	14.80
179.38	0.05	179.90	0.60	180.42	6.51	180.94	15.41
179.39	0.06	179.91	0.67	180.43	6.66	180.95	16.05
179.40	0.06	179.92	0.74	180.44	6.81	180.96	16.72
179.41	0.06	179.93	0.81	180.45	6.96	180.97	17.41
179.42	0.06	179.94	0.89	180.46	7.11	180.98	18.12
179.43	0.06	179.95	0.97	180.47	7.26	180.99	18.86
179.44	0.07	179.96	1.04	180.48	7.42	181.00	19.62
179.45	0.07	179.97	1.13	180.49	7.57	181.01	20.40
179.46	0.07	179.98	1.21	180.50	7.73	181.02	21.20
179.47	0.07	179.99	1.30	180.51	7.89	181.03	22.03
179.48	0.07	180.00	1.39	180.52	8.04	181.04	22.91
179.49	0.08	180.01	1.48	180.53	8.20	181.05	23.82
179.50	0.08	180.02	1.57	180.54	8.36	181.06	24.76
179.51	0.08	180.03	1.66	180.55	8.52	181.07	25.72

Stage-Discharge for Pond B-8: Basin #8 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	26.70	181.60	107.42
181.09	27.71	181.61	109.30
181.10	28.75	181.62	111.19
181.11	29.81	181.63	113.09
181.12	30.89	181.64	115.04
181.13	32.00	181.65	117.01
181.14	33.13	181.66	118.98
181.15	34.29	181.67	120.98
181.16	35.47	181.68	122.98
181.17	36.68	181.69	125.00
181.18	37.91	181.70	127.03
181.19	39.16	181.71	129.07
181.20	40.44	181.72	131.13
181.21	41.74	181.73	133.19
181.22	43.07	181.74	135.28
181.23	44.42	181.75	137.37
181.24	45.82	181.76	139.48
181.25	47.25	181.77	141.60
181.26	48.70	181.78	143.73
181.27	50.18	181.79	145.87
181.28	51.68	181.80	148.03
181.29	53.22	181.81	150.20
181.30	54.77	181.82	152.38
181.31	56.36	181.83	154.58
181.32	57.97	181.84	156.73
181.33	59.60	181.85	158.90
181.34	61.27	181.86	161.07
181.35	62.95	181.87	163.26
181.36	64.67	181.88	165.46
181.37	66.41	181.89	167.66
181.38	68.18	181.90	169.88
181.39	69.98	181.91	172.11
181.40	71.80	181.92	174.35
181.41	73.65	181.93	176.60
181.42	75.52	181.94	178.86
181.43	77.42	181.95	181.13
181.44	79.09	181.96	183.41
181.45	80.76	181.97	185.70
181.46	82.45	181.98	188.00
181.47	84.15	181.99	190.31
181.48	85.86	182.00	192.63
181.49	87.59		
181.50	89.33		
181.51	91.08		
181.52	92.84		
181.53	94.62		
181.54	96.41		
181.55	98.22		
181.56	100.03		
181.57	101.86		
181.58	103.70		
181.59	105.56		

Stage-Area-Storage for Pond B-8: Basin #8

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	13,283	0	179.52	13,798	7,041
179.01	13,293	133	179.53	13,808	7,179
179.02	13,303	266	179.54	13,818	7,317
179.03	13,313	399	179.55	13,828	7,456
179.04	13,323	532	179.56	13,838	7,594
179.05	13,333	665	179.57	13,848	7,732
179.06	13,342	799	179.58	13,858	7,871
179.07	13,352	932	179.59	13,868	8,009
179.08	13,362	1,066	179.60	13,878	8,148
179.09	13,372	1,199	179.61	13,888	8,287
179.10	13,382	1,333	179.62	13,897	8,426
179.11	13,392	1,467	179.63	13,907	8,565
179.12	13,402	1,601	179.64	13,917	8,704
179.13	13,412	1,735	179.65	13,927	8,843
179.14	13,422	1,869	179.66	13,937	8,983
179.15	13,432	2,004	179.67	13,947	9,122
179.16	13,442	2,138	179.68	13,957	9,262
179.17	13,451	2,272	179.69	13,967	9,401
179.18	13,461	2,407	179.70	13,977	9,541
179.19	13,471	2,542	179.71	13,987	9,681
179.20	13,481	2,676	179.72	13,997	9,821
179.21	13,491	2,811	179.73	14,006	9,961
179.22	13,501	2,946	179.74	14,016	10,101
179.23	13,511	3,081	179.75	14,026	10,241
179.24	13,521	3,216	179.76	14,036	10,381
179.25	13,531	3,352	179.77	14,046	10,522
179.26	13,541	3,487	179.78	14,056	10,662
179.27	13,551	3,623	179.79	14,066	10,803
179.28	13,560	3,758	179.80	14,076	10,944
179.29	13,570	3,894	179.81	14,086	11,084
179.30	13,580	4,029	179.82	14,096	11,225
179.31	13,590	4,165	179.83	14,106	11,366
179.32	13,600	4,301	179.84	14,115	11,507
179.33	13,610	4,437	179.85	14,125	11,649
179.34	13,620	4,573	179.86	14,135	11,790
179.35	13,630	4,710	179.87	14,145	11,931
179.36	13,640	4,846	179.88	14,155	12,073
179.37	13,650	4,983	179.89	14,165	12,214
179.38	13,660	5,119	179.90	14,175	12,356
179.39	13,669	5,256	179.91	14,185	12,498
179.40	13,679	5,392	179.92	14,195	12,640
179.41	13,689	5,529	179.93	14,205	12,782
179.42	13,699	5,666	179.94	14,215	12,924
179.43	13,709	5,803	179.95	14,224	13,066
179.44	13,719	5,940	179.96	14,234	13,208
179.45	13,729	6,078	179.97	14,244	13,351
179.46	13,739	6,215	179.98	14,254	13,493
179.47	13,749	6,352	179.99	14,264	13,636
179.48	13,759	6,490	180.00	14,274	13,779
179.49	13,769	6,628	180.01	14,284	13,921
179.50	13,779	6,765	180.02	14,294	14,064
179.51	13,788	6,903	180.03	14,305	14,207

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	14,315	14,350	180.56	14,845	21,932
180.05	14,325	14,493	180.57	14,855	22,080
180.06	14,335	14,637	180.58	14,865	22,229
180.07	14,345	14,780	180.59	14,875	22,378
180.08	14,356	14,924	180.60	14,885	22,526
180.09	14,366	15,067	180.61	14,896	22,675
180.10	14,376	15,211	180.62	14,906	22,824
180.11	14,386	15,355	180.63	14,916	22,973
180.12	14,396	15,499	180.64	14,926	23,123
180.13	14,406	15,643	180.65	14,936	23,272
180.14	14,417	15,787	180.66	14,947	23,421
180.15	14,427	15,931	180.67	14,957	23,571
180.16	14,437	16,075	180.68	14,967	23,720
180.17	14,447	16,220	180.69	14,977	23,870
180.18	14,457	16,364	180.70	14,987	24,020
180.19	14,468	16,509	180.71	14,997	24,170
180.20	14,478	16,654	180.72	15,008	24,320
180.21	14,488	16,799	180.73	15,018	24,470
180.22	14,498	16,943	180.74	15,028	24,620
180.23	14,508	17,088	180.75	15,038	24,771
180.24	14,519	17,234	180.76	15,048	24,921
180.25	14,529	17,379	180.77	15,059	25,072
180.26	14,539	17,524	180.78	15,069	25,222
180.27	14,549	17,670	180.79	15,079	25,373
180.28	14,559	17,815	180.80	15,089	25,524
180.29	14,570	17,961	180.81	15,099	25,675
180.30	14,580	18,107	180.82	15,110	25,826
180.31	14,590	18,252	180.83	15,120	25,977
180.32	14,600	18,398	180.84	15,130	26,128
180.33	14,610	18,544	180.85	15,140	26,280
180.34	14,620	18,691	180.86	15,150	26,431
180.35	14,631	18,837	180.87	15,161	26,583
180.36	14,641	18,983	180.88	15,171	26,734
180.37	14,651	19,130	180.89	15,181	26,886
180.38	14,661	19,276	180.90	15,191	27,038
180.39	14,671	19,423	180.91	15,201	27,190
180.40	14,682	19,570	180.92	15,211	27,342
180.41	14,692	19,716	180.93	15,222	27,494
180.42	14,702	19,863	180.94	15,232	27,646
180.43	14,712	20,011	180.95	15,242	27,799
180.44	14,722	20,158	180.96	15,252	27,951
180.45	14,733	20,305	180.97	15,262	28,104
180.46	14,743	20,452	180.98	15,273	28,256
180.47	14,753	20,600	180.99	15,283	28,409
180.48	14,763	20,747	181.00	15,293	28,562
180.49	14,773	20,895	181.01	15,303	28,715
180.50	14,784	21,043	181.02	15,314	28,868
180.51	14,794	21,191	181.03	15,324	29,021
180.52	14,804	21,339	181.04	15,335	29,175
180.53	14,814	21,487	181.05	15,345	29,328
180.54	14,824	21,635	181.06	15,356	29,481
180.55	14,834	21,783	181.07	15,366	29,635

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	15,377	29,789	181.60	15,922	37,926
181.09	15,387	29,943	181.61	15,932	38,086
181.10	15,398	30,097	181.62	15,943	38,245
181.11	15,408	30,251	181.63	15,953	38,405
181.12	15,419	30,405	181.64	15,964	38,564
181.13	15,429	30,559	181.65	15,974	38,724
181.14	15,440	30,713	181.66	15,985	38,884
181.15	15,450	30,868	181.67	15,995	39,044
181.16	15,461	31,022	181.68	16,006	39,204
181.17	15,471	31,177	181.69	16,016	39,364
181.18	15,482	31,332	181.70	16,027	39,524
181.19	15,492	31,487	181.71	16,037	39,684
181.20	15,503	31,642	181.72	16,048	39,845
181.21	15,513	31,797	181.73	16,058	40,005
181.22	15,524	31,952	181.74	16,069	40,166
181.23	15,534	32,107	181.75	16,079	40,327
181.24	15,545	32,263	181.76	16,089	40,487
181.25	15,555	32,418	181.77	16,100	40,648
181.26	15,565	32,574	181.78	16,110	40,809
181.27	15,576	32,729	181.79	16,121	40,970
181.28	15,586	32,885	181.80	16,131	41,132
181.29	15,597	33,041	181.81	16,142	41,293
181.30	15,607	33,197	181.82	16,152	41,455
181.31	15,618	33,353	181.83	16,163	41,616
181.32	15,628	33,509	181.84	16,173	41,778
181.33	15,639	33,666	181.85	16,184	41,940
181.34	15,649	33,822	181.86	16,194	42,102
181.35	15,660	33,979	181.87	16,205	42,264
181.36	15,670	34,135	181.88	16,215	42,426
181.37	15,681	34,292	181.89	16,226	42,588
181.38	15,691	34,449	181.90	16,236	42,750
181.39	15,702	34,606	181.91	16,247	42,913
181.40	15,712	34,763	181.92	16,257	43,075
181.41	15,723	34,920	181.93	16,268	43,238
181.42	15,733	35,077	181.94	16,278	43,400
181.43	15,744	35,235	181.95	16,289	43,563
181.44	15,754	35,392	181.96	16,299	43,726
181.45	15,765	35,550	181.97	16,310	43,889
181.46	15,775	35,708	181.98	16,320	44,052
181.47	15,786	35,865	181.99	16,331	44,216
181.48	15,796	36,023	182.00	16,341	44,379
181.49	15,807	36,181			
181.50	15,817	36,340			
181.51	15,827	36,498			
181.52	15,838	36,656			
181.53	15,848	36,814			
181.54	15,859	36,973			
181.55	15,869	37,132			
181.56	15,880	37,290			
181.57	15,890	37,449			
181.58	15,901	37,608			
181.59	15,911	37,767			

Summary for Pond B-9: Basin #9

Inflow Area = 1.503 ac, 52.63% Impervious, Inflow Depth = 4.37" for Future 10 yr event
 Inflow = 6.57 cfs @ 12.17 hrs, Volume= 0.547 af
 Outflow = 0.18 cfs @ 16.73 hrs, Volume= 0.348 af, Atten= 97%, Lag= 273.5 min
 Primary = 0.18 cfs @ 16.73 hrs, Volume= 0.348 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.55' @ 16.73 hrs Surf.Area= 12,255 sf Storage= 17,806 cf

Plug-Flow detention time= 817.5 min calculated for 0.347 af (64% of inflow)
 Center-of-Mass det. time= 709.4 min (1,488.1 - 778.7)

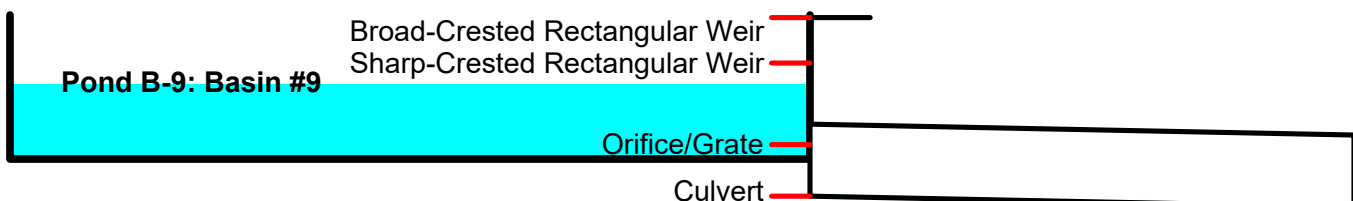
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	36,641 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

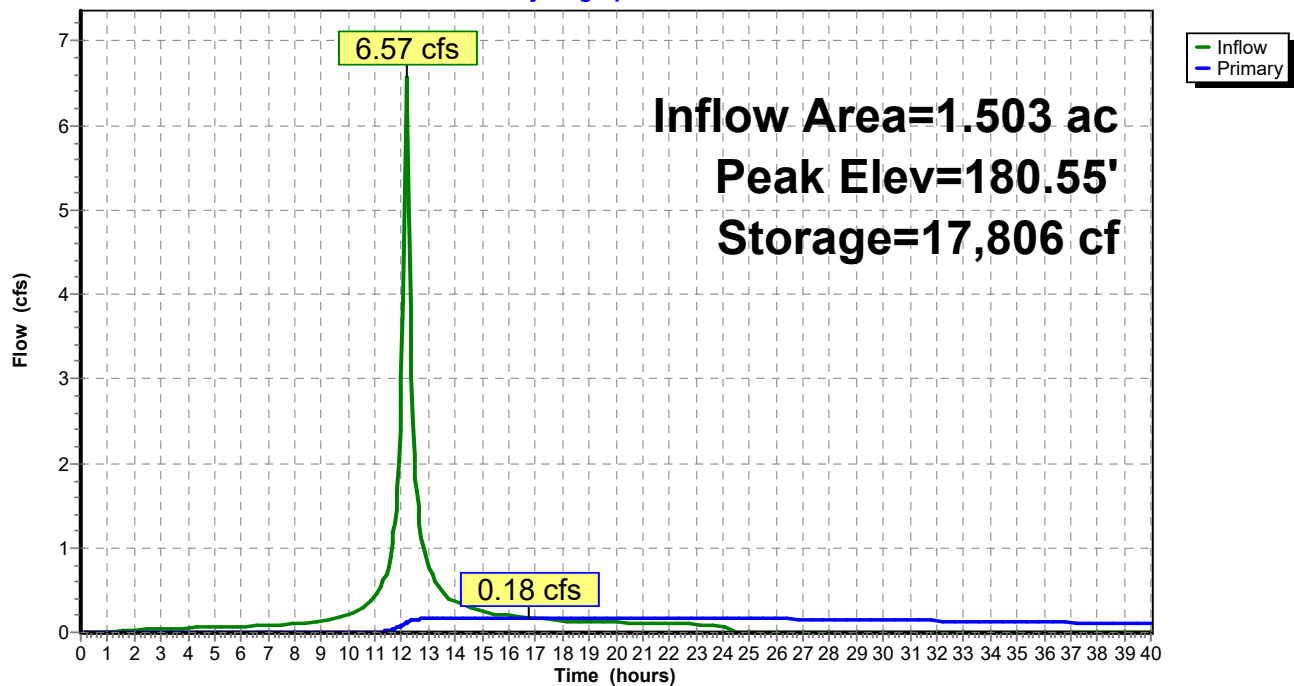
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	10,720	0	0
180.00	11,700	11,210	11,210
181.00	12,708	12,204	23,414
182.00	13,745	13,227	36,641

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0051 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.30'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.18 cfs @ 16.73 hrs HW=180.55' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 9.54 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.16 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-9: Basin #9**Hydrograph**

Hydrograph for Pond B-9: Basin #9

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	0	179.00	0.00
0.70	0.00	0	179.00	0.00
0.80	0.00	0	179.00	0.00
0.90	0.00	1	179.00	0.00
1.00	0.01	2	179.00	0.00
1.10	0.01	5	179.00	0.00
1.20	0.01	9	179.00	0.00
1.30	0.01	13	179.00	0.00
1.40	0.02	18	179.00	0.00
1.50	0.02	24	179.00	0.00
1.60	0.02	31	179.00	0.00
1.70	0.02	38	179.00	0.00
1.80	0.02	46	179.00	0.00
1.90	0.03	55	179.01	0.00
2.00	0.03	64	179.01	0.00
2.10	0.03	74	179.01	0.00
2.20	0.03	85	179.01	0.00
2.30	0.03	96	179.01	0.00
2.40	0.03	108	179.01	0.00
2.50	0.03	120	179.01	0.00
2.60	0.04	132	179.01	0.00
2.70	0.04	145	179.01	0.00
2.80	0.04	159	179.01	0.00
2.90	0.04	173	179.02	0.00
3.00	0.04	187	179.02	0.00
3.10	0.04	202	179.02	0.00
3.20	0.04	217	179.02	0.00
3.30	0.04	233	179.02	0.00
3.40	0.04	249	179.02	0.00
3.50	0.05	265	179.02	0.00
3.60	0.05	282	179.03	0.00
3.70	0.05	299	179.03	0.00
3.80	0.05	316	179.03	0.00
3.90	0.05	334	179.03	0.00
4.00	0.05	352	179.03	0.00
4.10	0.05	370	179.03	0.00
4.20	0.05	389	179.04	0.00
4.30	0.05	408	179.04	0.00
4.40	0.05	427	179.04	0.00
4.50	0.05	447	179.04	0.00
4.60	0.06	467	179.04	0.00
4.70	0.06	487	179.05	0.00
4.80	0.06	508	179.05	0.00
4.90	0.06	528	179.05	0.00
5.00	0.06	549	179.05	0.00
5.10	0.06	571	179.05	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	592	179.06	0.00
5.30	0.06	614	179.06	0.00
5.40	0.06	636	179.06	0.00
5.50	0.06	658	179.06	0.00
5.60	0.06	681	179.06	0.00
5.70	0.06	704	179.07	0.00
5.80	0.06	727	179.07	0.00
5.90	0.07	750	179.07	0.00
6.00	0.07	774	179.07	0.00
6.10	0.07	798	179.07	0.00
6.20	0.07	822	179.08	0.00
6.30	0.07	847	179.08	0.00
6.40	0.07	873	179.08	0.00
6.50	0.07	899	179.08	0.00
6.60	0.08	926	179.09	0.00
6.70	0.08	954	179.09	0.00
6.80	0.08	982	179.09	0.00
6.90	0.08	1,011	179.09	0.00
7.00	0.08	1,041	179.10	0.00
7.10	0.09	1,071	179.10	0.00
7.20	0.09	1,102	179.10	0.00
7.30	0.09	1,134	179.11	0.00
7.40	0.09	1,167	179.11	0.00
7.50	0.09	1,200	179.11	0.00
7.60	0.10	1,234	179.11	0.00
7.70	0.10	1,269	179.12	0.00
7.80	0.10	1,304	179.12	0.00
7.90	0.10	1,340	179.12	0.00
8.00	0.10	1,377	179.13	0.00
8.10	0.11	1,414	179.13	0.00
8.20	0.11	1,452	179.13	0.00
8.30	0.11	1,491	179.14	0.00
8.40	0.11	1,531	179.14	0.00
8.50	0.12	1,572	179.15	0.00
8.60	0.12	1,614	179.15	0.00
8.70	0.12	1,658	179.15	0.00
8.80	0.12	1,702	179.16	0.00
8.90	0.13	1,747	179.16	0.00
9.00	0.13	1,793	179.17	0.00
9.10	0.13	1,841	179.17	0.00
9.20	0.14	1,890	179.17	0.00
9.30	0.15	1,943	179.18	0.00
9.40	0.16	1,998	179.18	0.00
9.50	0.17	2,057	179.19	0.00
9.60	0.18	2,119	179.20	0.00
9.70	0.19	2,184	179.20	0.00
9.80	0.19	2,252	179.21	0.00
9.90	0.20	2,324	179.21	0.00
10.00	0.21	2,399	179.22	0.00
10.10	0.22	2,478	179.23	0.00
10.20	0.23	2,561	179.24	0.00
10.30	0.24	2,647	179.24	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	2,736	179.25	0.00
10.50	0.27	2,830	179.26	0.00
10.60	0.28	2,928	179.27	0.00
10.70	0.31	3,035	179.28	0.00
10.80	0.35	3,153	179.29	0.00
10.90	0.38	3,283	179.30	0.00
11.00	0.42	3,427	179.32	0.00
11.10	0.46	3,585	179.33	0.00
11.20	0.53	3,762	179.35	0.00
11.30	0.60	3,961	179.36	0.01
11.40	0.67	4,185	179.38	0.01
11.50	0.74	4,433	179.41	0.02
11.60	0.90	4,714	179.43	0.03
11.70	1.19	5,080	179.46	0.04
11.80	1.45	5,535	179.50	0.05
11.90	1.98	6,124	179.56	0.06
12.00	3.03	6,979	179.63	0.08
12.10	5.20	8,395	179.76	0.10
12.20	6.35	10,557	179.94	0.12
12.30	3.86	12,345	180.10	0.14
12.40	2.49	13,416	180.19	0.15
12.50	1.83	14,128	180.25	0.15
12.60	1.49	14,673	180.29	0.15
12.70	1.13	15,083	180.33	0.16
12.80	0.97	15,400	180.35	0.16
12.90	0.87	15,674	180.38	0.16
13.00	0.79	15,914	180.40	0.16
13.10	0.71	16,124	180.41	0.16
13.20	0.63	16,305	180.43	0.17
13.30	0.58	16,463	180.44	0.17
13.40	0.53	16,603	180.45	0.17
13.50	0.49	16,727	180.46	0.17
13.60	0.44	16,834	180.47	0.17
13.70	0.41	16,925	180.48	0.17
13.80	0.39	17,007	180.49	0.17
13.90	0.38	17,083	180.49	0.17
14.00	0.36	17,154	180.50	0.17
14.10	0.35	17,221	180.50	0.17
14.20	0.34	17,284	180.51	0.17
14.30	0.33	17,342	180.51	0.17
14.40	0.32	17,396	180.52	0.17
14.50	0.31	17,446	180.52	0.17
14.60	0.29	17,491	180.53	0.17
14.70	0.28	17,533	180.53	0.17
14.80	0.27	17,569	180.53	0.17
14.90	0.26	17,602	180.53	0.17
15.00	0.25	17,630	180.54	0.17
15.10	0.24	17,654	180.54	0.17
15.20	0.23	17,674	180.54	0.17
15.30	0.22	17,691	180.54	0.18
15.40	0.22	17,707	180.54	0.18
15.50	0.21	17,721	180.54	0.18

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	17,734	180.54	0.18
15.70	0.21	17,746	180.55	0.18
15.80	0.20	17,757	180.55	0.18
15.90	0.20	17,767	180.55	0.18
16.00	0.20	17,776	180.55	0.18
16.10	0.20	17,784	180.55	0.18
16.20	0.19	17,790	180.55	0.18
16.30	0.19	17,796	180.55	0.18
16.40	0.19	17,800	180.55	0.18
16.50	0.18	17,803	180.55	0.18
16.60	0.18	17,805	180.55	0.18
16.70	0.18	17,806	180.55	0.18
16.80	0.17	17,805	180.55	0.18
16.90	0.17	17,804	180.55	0.18
17.00	0.17	17,801	180.55	0.18
17.10	0.16	17,798	180.55	0.18
17.20	0.16	17,793	180.55	0.18
17.30	0.16	17,787	180.55	0.18
17.40	0.15	17,780	180.55	0.18
17.50	0.15	17,772	180.55	0.18
17.60	0.15	17,763	180.55	0.18
17.70	0.15	17,753	180.55	0.18
17.80	0.14	17,741	180.55	0.18
17.90	0.14	17,729	180.54	0.18
18.00	0.14	17,715	180.54	0.18
18.10	0.13	17,700	180.54	0.18
18.20	0.13	17,684	180.54	0.17
18.30	0.13	17,668	180.54	0.17
18.40	0.13	17,651	180.54	0.17
18.50	0.13	17,634	180.54	0.17
18.60	0.13	17,617	180.54	0.17
18.70	0.13	17,599	180.53	0.17
18.80	0.12	17,581	180.53	0.17
18.90	0.12	17,563	180.53	0.17
19.00	0.12	17,545	180.53	0.17
19.10	0.12	17,527	180.53	0.17
19.20	0.12	17,508	180.53	0.17
19.30	0.12	17,489	180.52	0.17
19.40	0.12	17,470	180.52	0.17
19.50	0.12	17,450	180.52	0.17
19.60	0.12	17,431	180.52	0.17
19.70	0.12	17,411	180.52	0.17
19.80	0.12	17,391	180.52	0.17
19.90	0.12	17,370	180.52	0.17
20.00	0.12	17,350	180.51	0.17
20.10	0.11	17,329	180.51	0.17
20.20	0.11	17,308	180.51	0.17
20.30	0.11	17,286	180.51	0.17
20.40	0.11	17,265	180.51	0.17
20.50	0.11	17,243	180.50	0.17
20.60	0.11	17,221	180.50	0.17
20.70	0.11	17,199	180.50	0.17

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	17,177	180.50	0.17
20.90	0.11	17,154	180.50	0.17
21.00	0.11	17,131	180.50	0.17
21.10	0.11	17,108	180.49	0.17
21.20	0.11	17,084	180.49	0.17
21.30	0.11	17,061	180.49	0.17
21.40	0.10	17,037	180.49	0.17
21.50	0.10	17,013	180.49	0.17
21.60	0.10	16,989	180.48	0.17
21.70	0.10	16,964	180.48	0.17
21.80	0.10	16,939	180.48	0.17
21.90	0.10	16,914	180.48	0.17
22.00	0.10	16,889	180.48	0.17
22.10	0.10	16,864	180.47	0.17
22.20	0.10	16,838	180.47	0.17
22.30	0.10	16,812	180.47	0.17
22.40	0.10	16,786	180.47	0.17
22.50	0.10	16,760	180.47	0.17
22.60	0.09	16,733	180.46	0.17
22.70	0.09	16,707	180.46	0.17
22.80	0.09	16,680	180.46	0.17
22.90	0.09	16,653	180.46	0.17
23.00	0.09	16,625	180.45	0.17
23.10	0.09	16,598	180.45	0.17
23.20	0.09	16,570	180.45	0.17
23.30	0.09	16,542	180.45	0.17
23.40	0.09	16,513	180.44	0.17
23.50	0.09	16,485	180.44	0.17
23.60	0.09	16,456	180.44	0.17
23.70	0.09	16,427	180.44	0.17
23.80	0.09	16,398	180.44	0.17
23.90	0.08	16,369	180.43	0.17
24.00	0.09	16,340	180.43	0.17
24.10	0.08	16,311	180.43	0.17
24.20	0.02	16,268	180.42	0.17
24.30	0.00	16,212	180.42	0.17
24.40	0.00	16,154	180.42	0.17
24.50	0.00	16,095	180.41	0.16
24.60	0.00	16,036	180.41	0.16
24.70	0.00	15,977	180.40	0.16
24.80	0.00	15,918	180.40	0.16
24.90	0.00	15,859	180.39	0.16
25.00	0.00	15,800	180.39	0.16
25.10	0.00	15,742	180.38	0.16
25.20	0.00	15,683	180.38	0.16
25.30	0.00	15,625	180.37	0.16
25.40	0.00	15,567	180.37	0.16
25.50	0.00	15,509	180.36	0.16
25.60	0.00	15,452	180.36	0.16
25.70	0.00	15,394	180.35	0.16
25.80	0.00	15,337	180.35	0.16
25.90	0.00	15,279	180.34	0.16

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,222	180.34	0.16
26.10	0.00	15,165	180.33	0.16
26.20	0.00	15,108	180.33	0.16
26.30	0.00	15,051	180.32	0.16
26.40	0.00	14,995	180.32	0.16
26.50	0.00	14,938	180.31	0.16
26.60	0.00	14,882	180.31	0.16
26.70	0.00	14,826	180.31	0.16
26.80	0.00	14,770	180.30	0.16
26.90	0.00	14,714	180.30	0.15
27.00	0.00	14,658	180.29	0.15
27.10	0.00	14,603	180.29	0.15
27.20	0.00	14,547	180.28	0.15
27.30	0.00	14,492	180.28	0.15
27.40	0.00	14,437	180.27	0.15
27.50	0.00	14,382	180.27	0.15
27.60	0.00	14,327	180.26	0.15
27.70	0.00	14,272	180.26	0.15
27.80	0.00	14,218	180.25	0.15
27.90	0.00	14,163	180.25	0.15
28.00	0.00	14,109	180.25	0.15
28.10	0.00	14,055	180.24	0.15
28.20	0.00	14,001	180.24	0.15
28.30	0.00	13,947	180.23	0.15
28.40	0.00	13,894	180.23	0.15
28.50	0.00	13,840	180.22	0.15
28.60	0.00	13,787	180.22	0.15
28.70	0.00	13,733	180.21	0.15
28.80	0.00	13,680	180.21	0.15
28.90	0.00	13,627	180.20	0.15
29.00	0.00	13,575	180.20	0.15
29.10	0.00	13,522	180.20	0.15
29.20	0.00	13,469	180.19	0.15
29.30	0.00	13,417	180.19	0.15
29.40	0.00	13,365	180.18	0.14
29.50	0.00	13,313	180.18	0.14
29.60	0.00	13,261	180.17	0.14
29.70	0.00	13,209	180.17	0.14
29.80	0.00	13,158	180.17	0.14
29.90	0.00	13,106	180.16	0.14
30.00	0.00	13,055	180.16	0.14
30.10	0.00	13,004	180.15	0.14
30.20	0.00	12,952	180.15	0.14
30.30	0.00	12,902	180.14	0.14
30.40	0.00	12,851	180.14	0.14
30.50	0.00	12,800	180.14	0.14
30.60	0.00	12,750	180.13	0.14
30.70	0.00	12,700	180.13	0.14
30.80	0.00	12,649	180.12	0.14
30.90	0.00	12,599	180.12	0.14
31.00	0.00	12,550	180.11	0.14
31.10	0.00	12,500	180.11	0.14

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,450	180.11	0.14
31.30	0.00	12,401	180.10	0.14
31.40	0.00	12,352	180.10	0.14
31.50	0.00	12,303	180.09	0.14
31.60	0.00	12,254	180.09	0.14
31.70	0.00	12,205	180.08	0.14
31.80	0.00	12,156	180.08	0.13
31.90	0.00	12,108	180.08	0.13
32.00	0.00	12,059	180.07	0.13
32.10	0.00	12,011	180.07	0.13
32.20	0.00	11,963	180.06	0.13
32.30	0.00	11,915	180.06	0.13
32.40	0.00	11,867	180.06	0.13
32.50	0.00	11,820	180.05	0.13
32.60	0.00	11,772	180.05	0.13
32.70	0.00	11,725	180.04	0.13
32.80	0.00	11,678	180.04	0.13
32.90	0.00	11,630	180.04	0.13
33.00	0.00	11,584	180.03	0.13
33.10	0.00	11,537	180.03	0.13
33.20	0.00	11,490	180.02	0.13
33.30	0.00	11,444	180.02	0.13
33.40	0.00	11,398	180.02	0.13
33.50	0.00	11,351	180.01	0.13
33.60	0.00	11,305	180.01	0.13
33.70	0.00	11,260	180.00	0.13
33.80	0.00	11,214	180.00	0.13
33.90	0.00	11,168	180.00	0.13
34.00	0.00	11,123	179.99	0.13
34.10	0.00	11,078	179.99	0.13
34.20	0.00	11,033	179.98	0.13
34.30	0.00	10,988	179.98	0.12
34.40	0.00	10,943	179.98	0.12
34.50	0.00	10,898	179.97	0.12
34.60	0.00	10,854	179.97	0.12
34.70	0.00	10,809	179.97	0.12
34.80	0.00	10,765	179.96	0.12
34.90	0.00	10,721	179.96	0.12
35.00	0.00	10,677	179.95	0.12
35.10	0.00	10,633	179.95	0.12
35.20	0.00	10,590	179.95	0.12
35.30	0.00	10,546	179.94	0.12
35.40	0.00	10,503	179.94	0.12
35.50	0.00	10,460	179.94	0.12
35.60	0.00	10,417	179.93	0.12
35.70	0.00	10,374	179.93	0.12
35.80	0.00	10,331	179.92	0.12
35.90	0.00	10,289	179.92	0.12
36.00	0.00	10,246	179.92	0.12
36.10	0.00	10,204	179.91	0.12
36.20	0.00	10,162	179.91	0.12
36.30	0.00	10,120	179.91	0.12

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,078	179.90	0.12
36.50	0.00	10,037	179.90	0.12
36.60	0.00	9,995	179.90	0.12
36.70	0.00	9,954	179.89	0.11
36.80	0.00	9,913	179.89	0.11
36.90	0.00	9,872	179.89	0.11
37.00	0.00	9,831	179.88	0.11
37.10	0.00	9,790	179.88	0.11
37.20	0.00	9,749	179.87	0.11
37.30	0.00	9,709	179.87	0.11
37.40	0.00	9,669	179.87	0.11
37.50	0.00	9,628	179.86	0.11
37.60	0.00	9,588	179.86	0.11
37.70	0.00	9,549	179.86	0.11
37.80	0.00	9,509	179.85	0.11
37.90	0.00	9,469	179.85	0.11
38.00	0.00	9,430	179.85	0.11
38.10	0.00	9,391	179.84	0.11
38.20	0.00	9,352	179.84	0.11
38.30	0.00	9,313	179.84	0.11
38.40	0.00	9,274	179.83	0.11
38.50	0.00	9,235	179.83	0.11
38.60	0.00	9,197	179.83	0.11
38.70	0.00	9,159	179.82	0.11
38.80	0.00	9,120	179.82	0.11
38.90	0.00	9,082	179.82	0.11
39.00	0.00	9,044	179.81	0.10
39.10	0.00	9,007	179.81	0.10
39.20	0.00	8,969	179.81	0.10
39.30	0.00	8,932	179.80	0.10
39.40	0.00	8,894	179.80	0.10
39.50	0.00	8,857	179.80	0.10
39.60	0.00	8,820	179.79	0.10
39.70	0.00	8,784	179.79	0.10
39.80	0.00	8,747	179.79	0.10
39.90	0.00	8,710	179.78	0.10
40.00	0.00	8,674	179.78	0.10

Stage-Discharge for Pond B-9: Basin #9

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.06	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.07	180.09	0.14	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.08	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.19
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.15	180.71	0.19
179.16	0.00	179.68	0.09	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.10	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.16	180.82	0.20
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.11	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.01	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.12	180.42	0.17	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.02	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.21
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.03	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.04	179.98	0.12	180.50	0.17	181.02	0.25
179.47	0.04	179.99	0.13	180.51	0.17	181.03	0.28
179.48	0.05	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.18	181.07	0.45

Stage-Discharge for Pond B-9: Basin #9 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14
181.09	0.56	181.61	6.29
181.10	0.63	181.62	6.43
181.11	0.69	181.63	6.58
181.12	0.76	181.64	6.73
181.13	0.82	181.65	6.88
181.14	0.90	181.66	7.03
181.15	0.97	181.67	7.18
181.16	1.05	181.68	7.33
181.17	1.13	181.69	7.49
181.18	1.21	181.70	7.64
181.19	1.29	181.71	7.80
181.20	1.38	181.72	7.95
181.21	1.47	181.73	8.11
181.22	1.56	181.74	8.27
181.23	1.65	181.75	8.43
181.24	1.74	181.76	8.59
181.25	1.84	181.77	8.75
181.26	1.94	181.78	8.91
181.27	2.03	181.79	9.08
181.28	2.14	181.80	9.24
181.29	2.24	181.81	9.40
181.30	2.34	181.82	9.57
181.31	2.45	181.83	9.74
181.32	2.56	181.84	9.90
181.33	2.67	181.85	10.07
181.34	2.78	181.86	10.24
181.35	2.89	181.87	10.41
181.36	3.00	181.88	10.58
181.37	3.12	181.89	10.75
181.38	3.24	181.90	10.92
181.39	3.35	181.91	11.10
181.40	3.47	181.92	11.27
181.41	3.60	181.93	11.45
181.42	3.72	181.94	11.62
181.43	3.84	181.95	11.80
181.44	3.97	181.96	12.09
181.45	4.09	181.97	12.48
181.46	4.22	181.98	12.94
181.47	4.35	181.99	13.45
181.48	4.48	182.00	14.00
181.49	4.61		
181.50	4.75		
181.51	4.88		
181.52	5.02		
181.53	5.15		
181.54	5.29		
181.55	5.43		
181.56	5.57		
181.57	5.71		
181.58	5.85		
181.59	6.00		

Stage-Area-Storage for Pond B-9: Basin #9

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	10,720	0	179.52	11,230	5,707
179.01	10,730	107	179.53	11,239	5,819
179.02	10,740	215	179.54	11,249	5,932
179.03	10,749	322	179.55	11,259	6,044
179.04	10,759	430	179.56	11,269	6,157
179.05	10,769	537	179.57	11,279	6,270
179.06	10,779	645	179.58	11,288	6,382
179.07	10,789	753	179.59	11,298	6,495
179.08	10,798	861	179.60	11,308	6,608
179.09	10,808	969	179.61	11,318	6,722
179.10	10,818	1,077	179.62	11,328	6,835
179.11	10,828	1,185	179.63	11,337	6,948
179.12	10,838	1,293	179.64	11,347	7,062
179.13	10,847	1,402	179.65	11,357	7,175
179.14	10,857	1,510	179.66	11,367	7,289
179.15	10,867	1,619	179.67	11,377	7,402
179.16	10,877	1,728	179.68	11,386	7,516
179.17	10,887	1,837	179.69	11,396	7,630
179.18	10,896	1,945	179.70	11,406	7,744
179.19	10,906	2,054	179.71	11,416	7,858
179.20	10,916	2,164	179.72	11,426	7,972
179.21	10,926	2,273	179.73	11,435	8,087
179.22	10,936	2,382	179.74	11,445	8,201
179.23	10,945	2,492	179.75	11,455	8,316
179.24	10,955	2,601	179.76	11,465	8,430
179.25	10,965	2,711	179.77	11,475	8,545
179.26	10,975	2,820	179.78	11,484	8,660
179.27	10,985	2,930	179.79	11,494	8,775
179.28	10,994	3,040	179.80	11,504	8,890
179.29	11,004	3,150	179.81	11,514	9,005
179.30	11,014	3,260	179.82	11,524	9,120
179.31	11,024	3,370	179.83	11,533	9,235
179.32	11,034	3,481	179.84	11,543	9,351
179.33	11,043	3,591	179.85	11,553	9,466
179.34	11,053	3,701	179.86	11,563	9,582
179.35	11,063	3,812	179.87	11,573	9,697
179.36	11,073	3,923	179.88	11,582	9,813
179.37	11,083	4,033	179.89	11,592	9,929
179.38	11,092	4,144	179.90	11,602	10,045
179.39	11,102	4,255	179.91	11,612	10,161
179.40	11,112	4,366	179.92	11,622	10,277
179.41	11,122	4,478	179.93	11,631	10,393
179.42	11,132	4,589	179.94	11,641	10,510
179.43	11,141	4,700	179.95	11,651	10,626
179.44	11,151	4,812	179.96	11,661	10,743
179.45	11,161	4,923	179.97	11,671	10,859
179.46	11,171	5,035	179.98	11,680	10,976
179.47	11,181	5,147	179.99	11,690	11,093
179.48	11,190	5,258	180.00	11,700	11,210
179.49	11,200	5,370	180.01	11,710	11,327
179.50	11,210	5,483	180.02	11,720	11,444
179.51	11,220	5,595	180.03	11,730	11,561

Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	11,740	11,679	180.56	12,264	17,920
180.05	11,750	11,796	180.57	12,275	18,043
180.06	11,760	11,914	180.58	12,285	18,166
180.07	11,771	12,031	180.59	12,295	18,288
180.08	11,781	12,149	180.60	12,305	18,411
180.09	11,791	12,267	180.61	12,315	18,535
180.10	11,801	12,385	180.62	12,325	18,658
180.11	11,811	12,503	180.63	12,335	18,781
180.12	11,821	12,621	180.64	12,345	18,904
180.13	11,831	12,740	180.65	12,355	19,028
180.14	11,841	12,858	180.66	12,365	19,152
180.15	11,851	12,976	180.67	12,375	19,275
180.16	11,861	13,095	180.68	12,385	19,399
180.17	11,871	13,214	180.69	12,396	19,523
180.18	11,881	13,332	180.70	12,406	19,647
180.19	11,892	13,451	180.71	12,416	19,771
180.20	11,902	13,570	180.72	12,426	19,895
180.21	11,912	13,689	180.73	12,436	20,020
180.22	11,922	13,808	180.74	12,446	20,144
180.23	11,932	13,928	180.75	12,456	20,269
180.24	11,942	14,047	180.76	12,466	20,393
180.25	11,952	14,167	180.77	12,476	20,518
180.26	11,962	14,286	180.78	12,486	20,643
180.27	11,972	14,406	180.79	12,496	20,768
180.28	11,982	14,526	180.80	12,506	20,893
180.29	11,992	14,645	180.81	12,516	21,018
180.30	12,002	14,765	180.82	12,527	21,143
180.31	12,012	14,885	180.83	12,537	21,268
180.32	12,023	15,006	180.84	12,547	21,394
180.33	12,033	15,126	180.85	12,557	21,519
180.34	12,043	15,246	180.86	12,567	21,645
180.35	12,053	15,367	180.87	12,577	21,770
180.36	12,063	15,487	180.88	12,587	21,896
180.37	12,073	15,608	180.89	12,597	22,022
180.38	12,083	15,729	180.90	12,607	22,148
180.39	12,093	15,850	180.91	12,617	22,274
180.40	12,103	15,971	180.92	12,627	22,401
180.41	12,113	16,092	180.93	12,637	22,527
180.42	12,123	16,213	180.94	12,648	22,653
180.43	12,133	16,334	180.95	12,658	22,780
180.44	12,144	16,456	180.96	12,668	22,906
180.45	12,154	16,577	180.97	12,678	23,033
180.46	12,164	16,699	180.98	12,688	23,160
180.47	12,174	16,820	180.99	12,698	23,287
180.48	12,184	16,942	181.00	12,708	23,414
180.49	12,194	17,064	181.01	12,718	23,541
180.50	12,204	17,186	181.02	12,729	23,668
180.51	12,214	17,308	181.03	12,739	23,796
180.52	12,224	17,430	181.04	12,749	23,923
180.53	12,234	17,553	181.05	12,760	24,051
180.54	12,244	17,675	181.06	12,770	24,178
180.55	12,254	17,797	181.07	12,781	24,306

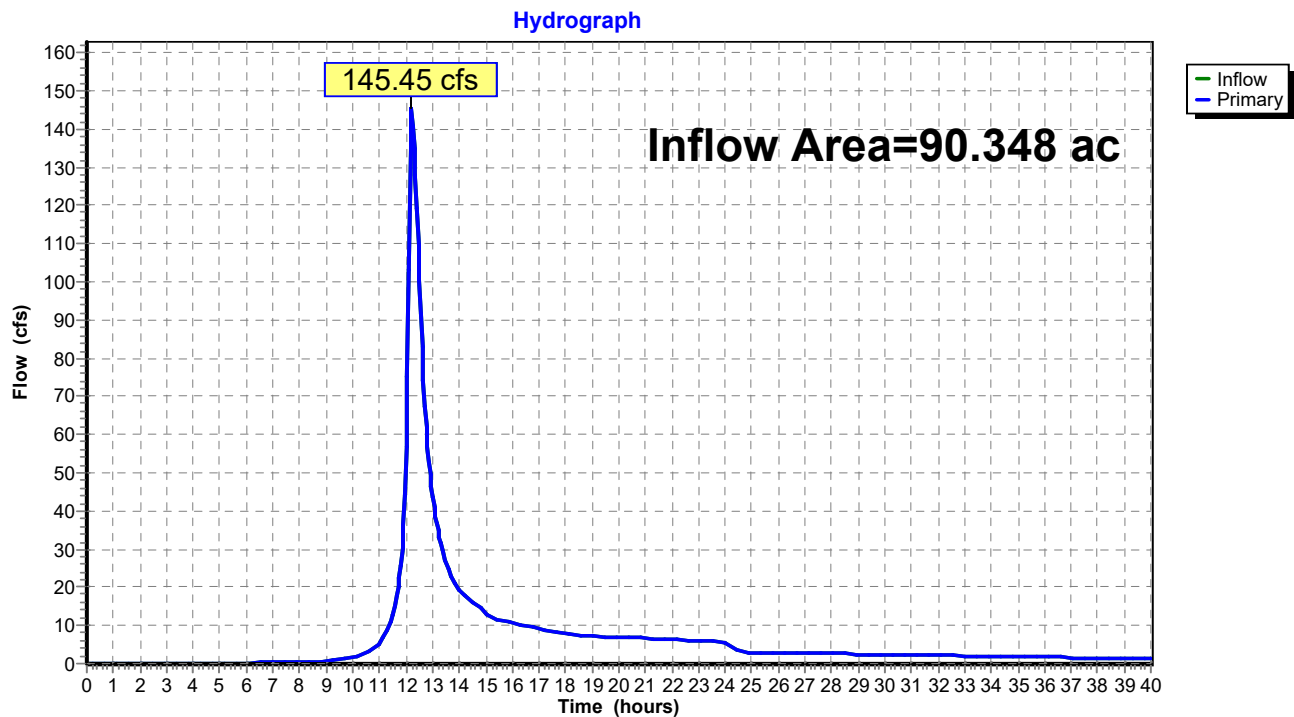
Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	12,791	24,434	181.60	13,330	31,225
181.09	12,801	24,562	181.61	13,341	31,359
181.10	12,812	24,690	181.62	13,351	31,492
181.11	12,822	24,818	181.63	13,361	31,626
181.12	12,832	24,946	181.64	13,372	31,759
181.13	12,843	25,075	181.65	13,382	31,893
181.14	12,853	25,203	181.66	13,392	32,027
181.15	12,864	25,332	181.67	13,403	32,161
181.16	12,874	25,461	181.68	13,413	32,295
181.17	12,884	25,589	181.69	13,424	32,429
181.18	12,895	25,718	181.70	13,434	32,564
181.19	12,905	25,847	181.71	13,444	32,698
181.20	12,915	25,976	181.72	13,455	32,833
181.21	12,926	26,106	181.73	13,465	32,967
181.22	12,936	26,235	181.74	13,475	33,102
181.23	12,947	26,364	181.75	13,486	33,237
181.24	12,957	26,494	181.76	13,496	33,372
181.25	12,967	26,623	181.77	13,506	33,507
181.26	12,978	26,753	181.78	13,517	33,642
181.27	12,988	26,883	181.79	13,527	33,777
181.28	12,998	27,013	181.80	13,538	33,912
181.29	13,009	27,143	181.81	13,548	34,048
181.30	13,019	27,273	181.82	13,558	34,183
181.31	13,029	27,403	181.83	13,569	34,319
181.32	13,040	27,534	181.84	13,579	34,455
181.33	13,050	27,664	181.85	13,589	34,590
181.34	13,061	27,795	181.86	13,600	34,726
181.35	13,071	27,925	181.87	13,610	34,862
181.36	13,081	28,056	181.88	13,621	34,999
181.37	13,092	28,187	181.89	13,631	35,135
181.38	13,102	28,318	181.90	13,641	35,271
181.39	13,112	28,449	181.91	13,652	35,408
181.40	13,123	28,580	181.92	13,662	35,544
181.41	13,133	28,711	181.93	13,672	35,681
181.42	13,144	28,843	181.94	13,683	35,818
181.43	13,154	28,974	181.95	13,693	35,955
181.44	13,164	29,106	181.96	13,704	36,092
181.45	13,175	29,238	181.97	13,714	36,229
181.46	13,185	29,369	181.98	13,724	36,366
181.47	13,195	29,501	181.99	13,735	36,503
181.48	13,206	29,633	182.00	13,745	36,641
181.49	13,216	29,765			
181.50	13,227	29,898			
181.51	13,237	30,030			
181.52	13,247	30,162			
181.53	13,258	30,295			
181.54	13,268	30,428			
181.55	13,278	30,560			
181.56	13,289	30,693			
181.57	13,299	30,826			
181.58	13,309	30,959			
181.59	13,320	31,092			

Summary for Link PDA-1: Proposed Drainage Area #1

Inflow Area = 90.348 ac, 19.60% Impervious, Inflow Depth > 2.89" for Future 10 yr event
Inflow = 145.45 cfs @ 12.21 hrs, Volume= 21.766 af
Primary = 145.45 cfs @ 12.21 hrs, Volume= 21.766 af, Atten= 0%, Lag= 0.0 min

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

Link PDA-1: Proposed Drainage Area #1

Hydrograph for Link PDA-1: Proposed Drainage Area #1

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

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.15	0.00	0.15	7.80	0.38	0.00	0.38
5.25	0.15	0.00	0.15	7.85	0.39	0.00	0.39
5.30	0.15	0.00	0.15	7.90	0.40	0.00	0.40
5.35	0.16	0.00	0.16	7.95	0.40	0.00	0.40
5.40	0.16	0.00	0.16	8.00	0.41	0.00	0.41
5.45	0.16	0.00	0.16	8.05	0.41	0.00	0.41
5.50	0.17	0.00	0.17	8.10	0.42	0.00	0.42
5.55	0.17	0.00	0.17	8.15	0.43	0.00	0.43
5.60	0.17	0.00	0.17	8.20	0.43	0.00	0.43
5.65	0.17	0.00	0.17	8.25	0.44	0.00	0.44
5.70	0.18	0.00	0.18	8.30	0.45	0.00	0.45
5.75	0.18	0.00	0.18	8.35	0.46	0.00	0.46
5.80	0.18	0.00	0.18	8.40	0.47	0.00	0.47
5.85	0.19	0.00	0.19	8.45	0.49	0.00	0.49
5.90	0.19	0.00	0.19	8.50	0.50	0.00	0.50
5.95	0.19	0.00	0.19	8.55	0.52	0.00	0.52
6.00	0.19	0.00	0.19	8.60	0.54	0.00	0.54
6.05	0.20	0.00	0.20	8.65	0.56	0.00	0.56
6.10	0.20	0.00	0.20	8.70	0.58	0.00	0.58
6.15	0.20	0.00	0.20	8.75	0.60	0.00	0.60
6.20	0.21	0.00	0.21	8.80	0.63	0.00	0.63
6.25	0.21	0.00	0.21	8.85	0.65	0.00	0.65
6.30	0.22	0.00	0.22	8.90	0.67	0.00	0.67
6.35	0.22	0.00	0.22	8.95	0.69	0.00	0.69
6.40	0.23	0.00	0.23	9.00	0.72	0.00	0.72
6.45	0.23	0.00	0.23	9.05	0.74	0.00	0.74
6.50	0.24	0.00	0.24	9.10	0.77	0.00	0.77
6.55	0.24	0.00	0.24	9.15	0.81	0.00	0.81
6.60	0.25	0.00	0.25	9.20	0.84	0.00	0.84
6.65	0.25	0.00	0.25	9.25	0.88	0.00	0.88
6.70	0.26	0.00	0.26	9.30	0.92	0.00	0.92
6.75	0.26	0.00	0.26	9.35	0.96	0.00	0.96
6.80	0.27	0.00	0.27	9.40	1.01	0.00	1.01
6.85	0.27	0.00	0.27	9.45	1.05	0.00	1.05
6.90	0.28	0.00	0.28	9.50	1.10	0.00	1.10
6.95	0.29	0.00	0.29	9.55	1.15	0.00	1.15
7.00	0.29	0.00	0.29	9.60	1.20	0.00	1.20
7.05	0.30	0.00	0.30	9.65	1.25	0.00	1.25
7.10	0.30	0.00	0.30	9.70	1.30	0.00	1.30
7.15	0.31	0.00	0.31	9.75	1.36	0.00	1.36
7.20	0.31	0.00	0.31	9.80	1.42	0.00	1.42
7.25	0.32	0.00	0.32	9.85	1.49	0.00	1.49
7.30	0.32	0.00	0.32	9.90	1.57	0.00	1.57
7.35	0.33	0.00	0.33	9.95	1.66	0.00	1.66
7.40	0.34	0.00	0.34	10.00	1.75	0.00	1.75
7.45	0.34	0.00	0.34	10.05	1.85	0.00	1.85
7.50	0.35	0.00	0.35	10.10	1.94	0.00	1.94
7.55	0.35	0.00	0.35	10.15	2.05	0.00	2.05
7.60	0.36	0.00	0.36	10.20	2.15	0.00	2.15
7.65	0.36	0.00	0.36	10.25	2.26	0.00	2.26
7.70	0.37	0.00	0.37	10.30	2.37	0.00	2.37
7.75	0.38	0.00	0.38	10.35	2.48	0.00	2.48

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	2.60	0.00	2.60	13.00	43.44	0.00	43.44
10.45	2.72	0.00	2.72	13.05	40.98	0.00	40.98
10.50	2.84	0.00	2.84	13.10	38.70	0.00	38.70
10.55	2.97	0.00	2.97	13.15	36.59	0.00	36.59
10.60	3.14	0.00	3.14	13.20	34.73	0.00	34.73
10.65	3.34	0.00	3.34	13.25	33.07	0.00	33.07
10.70	3.56	0.00	3.56	13.30	31.54	0.00	31.54
10.75	3.80	0.00	3.80	13.35	30.14	0.00	30.14
10.80	4.07	0.00	4.07	13.40	28.82	0.00	28.82
10.85	4.37	0.00	4.37	13.45	27.59	0.00	27.59
10.90	4.69	0.00	4.69	13.50	26.43	0.00	26.43
10.95	5.04	0.00	5.04	13.55	25.34	0.00	25.34
11.00	5.41	0.00	5.41	13.60	24.28	0.00	24.28
11.05	5.83	0.00	5.83	13.65	23.29	0.00	23.29
11.10	6.32	0.00	6.32	13.70	22.43	0.00	22.43
11.15	6.88	0.00	6.88	13.75	21.69	0.00	21.69
11.20	7.50	0.00	7.50	13.80	21.03	0.00	21.03
11.25	8.16	0.00	8.16	13.85	20.45	0.00	20.45
11.30	8.88	0.00	8.88	13.90	19.93	0.00	19.93
11.35	9.65	0.00	9.65	13.95	19.48	0.00	19.48
11.40	10.47	0.00	10.47	14.00	19.06	0.00	19.06
11.45	11.32	0.00	11.32	14.05	18.68	0.00	18.68
11.50	12.20	0.00	12.20	14.10	18.32	0.00	18.32
11.55	13.28	0.00	13.28	14.15	17.99	0.00	17.99
11.60	15.28	0.00	15.28	14.20	17.67	0.00	17.67
11.65	17.78	0.00	17.78	14.25	17.37	0.00	17.37
11.70	20.05	0.00	20.05	14.30	17.08	0.00	17.08
11.75	22.38	0.00	22.38	14.35	16.79	0.00	16.79
11.80	25.82	0.00	25.82	14.40	16.51	0.00	16.51
11.85	30.27	0.00	30.27	14.45	16.24	0.00	16.24
11.90	36.21	0.00	36.21	14.50	15.98	0.00	15.98
11.95	44.08	0.00	44.08	14.55	15.71	0.00	15.71
12.00	56.85	0.00	56.85	14.60	15.45	0.00	15.45
12.05	75.14	0.00	75.14	14.65	15.18	0.00	15.18
12.10	103.13	0.00	103.13	14.70	14.92	0.00	14.92
12.15	134.80	0.00	134.80	14.75	14.66	0.00	14.66
12.20	145.15	0.00	145.15	14.80	14.40	0.00	14.40
12.25	140.71	0.00	140.71	14.85	14.14	0.00	14.14
12.30	134.98	0.00	134.98	14.90	13.88	0.00	13.88
12.35	128.11	0.00	128.11	14.95	13.62	0.00	13.62
12.40	119.36	0.00	119.36	15.00	13.37	0.00	13.37
12.45	109.62	0.00	109.62	15.05	13.11	0.00	13.11
12.50	100.32	0.00	100.32	15.10	12.86	0.00	12.86
12.55	91.74	0.00	91.74	15.15	12.62	0.00	12.62
12.60	82.86	0.00	82.86	15.20	12.41	0.00	12.41
12.65	74.43	0.00	74.43	15.25	12.22	0.00	12.22
12.70	67.52	0.00	67.52	15.30	12.05	0.00	12.05
12.75	61.90	0.00	61.90	15.35	11.90	0.00	11.90
12.80	57.09	0.00	57.09	15.40	11.76	0.00	11.76
12.85	52.97	0.00	52.97	15.45	11.64	0.00	11.64
12.90	49.36	0.00	49.36	15.50	11.53	0.00	11.53
12.95	46.21	0.00	46.21	15.55	11.42	0.00	11.42

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	11.32	0.00	11.32	18.20	7.68	0.00	7.68
15.65	11.24	0.00	11.24	18.25	7.64	0.00	7.64
15.70	11.15	0.00	11.15	18.30	7.60	0.00	7.60
15.75	11.06	0.00	11.06	18.35	7.56	0.00	7.56
15.80	10.97	0.00	10.97	18.40	7.53	0.00	7.53
15.85	10.89	0.00	10.89	18.45	7.50	0.00	7.50
15.90	10.81	0.00	10.81	18.50	7.47	0.00	7.47
15.95	10.74	0.00	10.74	18.55	7.44	0.00	7.44
16.00	10.66	0.00	10.66	18.60	7.42	0.00	7.42
16.05	10.58	0.00	10.58	18.65	7.40	0.00	7.40
16.10	10.51	0.00	10.51	18.70	7.38	0.00	7.38
16.15	10.44	0.00	10.44	18.75	7.36	0.00	7.36
16.20	10.37	0.00	10.37	18.80	7.34	0.00	7.34
16.25	10.30	0.00	10.30	18.85	7.32	0.00	7.32
16.30	10.22	0.00	10.22	18.90	7.30	0.00	7.30
16.35	10.15	0.00	10.15	18.95	7.28	0.00	7.28
16.40	10.08	0.00	10.08	19.00	7.26	0.00	7.26
16.45	10.01	0.00	10.01	19.05	7.25	0.00	7.25
16.50	9.94	0.00	9.94	19.10	7.23	0.00	7.23
16.55	9.86	0.00	9.86	19.15	7.21	0.00	7.21
16.60	9.80	0.00	9.80	19.20	7.20	0.00	7.20
16.65	9.73	0.00	9.73	19.25	7.18	0.00	7.18
16.70	9.66	0.00	9.66	19.30	7.17	0.00	7.17
16.75	9.60	0.00	9.60	19.35	7.15	0.00	7.15
16.80	9.53	0.00	9.53	19.40	7.13	0.00	7.13
16.85	9.46	0.00	9.46	19.45	7.12	0.00	7.12
16.90	9.39	0.00	9.39	19.50	7.10	0.00	7.10
16.95	9.33	0.00	9.33	19.55	7.09	0.00	7.09
17.00	9.27	0.00	9.27	19.60	7.07	0.00	7.07
17.05	9.20	0.00	9.20	19.65	7.06	0.00	7.06
17.10	9.14	0.00	9.14	19.70	7.04	0.00	7.04
17.15	9.07	0.00	9.07	19.75	7.02	0.00	7.02
17.20	9.01	0.00	9.01	19.80	7.01	0.00	7.01
17.25	8.94	0.00	8.94	19.85	7.00	0.00	7.00
17.30	8.87	0.00	8.87	19.90	6.99	0.00	6.99
17.35	8.80	0.00	8.80	19.95	6.97	0.00	6.97
17.40	8.73	0.00	8.73	20.00	6.95	0.00	6.95
17.45	8.67	0.00	8.67	20.05	6.94	0.00	6.94
17.50	8.60	0.00	8.60	20.10	6.92	0.00	6.92
17.55	8.53	0.00	8.53	20.15	6.91	0.00	6.91
17.60	8.47	0.00	8.47	20.20	6.89	0.00	6.89
17.65	8.40	0.00	8.40	20.25	6.87	0.00	6.87
17.70	8.33	0.00	8.33	20.30	6.86	0.00	6.86
17.75	8.27	0.00	8.27	20.35	6.84	0.00	6.84
17.80	8.20	0.00	8.20	20.40	6.83	0.00	6.83
17.85	8.13	0.00	8.13	20.45	6.81	0.00	6.81
17.90	8.06	0.00	8.06	20.50	6.80	0.00	6.80
17.95	8.00	0.00	8.00	20.55	6.78	0.00	6.78
18.00	7.93	0.00	7.93	20.60	6.77	0.00	6.77
18.05	7.86	0.00	7.86	20.65	6.76	0.00	6.76
18.10	7.80	0.00	7.80	20.70	6.75	0.00	6.75
18.15	7.74	0.00	7.74	20.75	6.73	0.00	6.73

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	6.71	0.00	6.71	23.40	5.93	0.00	5.93
20.85	6.70	0.00	6.70	23.45	5.92	0.00	5.92
20.90	6.68	0.00	6.68	23.50	5.91	0.00	5.91
20.95	6.67	0.00	6.67	23.55	5.89	0.00	5.89
21.00	6.65	0.00	6.65	23.60	5.87	0.00	5.87
21.05	6.63	0.00	6.63	23.65	5.86	0.00	5.86
21.10	6.62	0.00	6.62	23.70	5.84	0.00	5.84
21.15	6.60	0.00	6.60	23.75	5.83	0.00	5.83
21.20	6.59	0.00	6.59	23.80	5.82	0.00	5.82
21.25	6.57	0.00	6.57	23.85	5.80	0.00	5.80
21.30	6.56	0.00	6.56	23.90	5.78	0.00	5.78
21.35	6.55	0.00	6.55	23.95	5.78	0.00	5.78
21.40	6.54	0.00	6.54	24.00	5.86	0.00	5.86
21.45	6.52	0.00	6.52	24.05	5.89	0.00	5.89
21.50	6.50	0.00	6.50	24.10	5.50	0.00	5.50
21.55	6.49	0.00	6.49	24.15	4.90	0.00	4.90
21.60	6.47	0.00	6.47	24.20	4.48	0.00	4.48
21.65	6.46	0.00	6.46	24.25	4.18	0.00	4.18
21.70	6.44	0.00	6.44	24.30	3.93	0.00	3.93
21.75	6.43	0.00	6.43	24.35	3.71	0.00	3.71
21.80	6.41	0.00	6.41	24.40	3.53	0.00	3.53
21.85	6.40	0.00	6.40	24.45	3.38	0.00	3.38
21.90	6.39	0.00	6.39	24.50	3.26	0.00	3.26
21.95	6.37	0.00	6.37	24.55	3.18	0.00	3.18
22.00	6.36	0.00	6.36	24.60	3.12	0.00	3.12
22.05	6.34	0.00	6.34	24.65	3.08	0.00	3.08
22.10	6.32	0.00	6.32	24.70	3.04	0.00	3.04
22.15	6.31	0.00	6.31	24.75	3.01	0.00	3.01
22.20	6.30	0.00	6.30	24.80	2.99	0.00	2.99
22.25	6.29	0.00	6.29	24.85	2.97	0.00	2.97
22.30	6.27	0.00	6.27	24.90	2.95	0.00	2.95
22.35	6.25	0.00	6.25	24.95	2.94	0.00	2.94
22.40	6.24	0.00	6.24	25.00	2.93	0.00	2.93
22.45	6.22	0.00	6.22	25.05	2.92	0.00	2.92
22.50	6.21	0.00	6.21	25.10	2.91	0.00	2.91
22.55	6.19	0.00	6.19	25.15	2.91	0.00	2.91
22.60	6.18	0.00	6.18	25.20	2.90	0.00	2.90
22.65	6.17	0.00	6.17	25.25	2.89	0.00	2.89
22.70	6.15	0.00	6.15	25.30	2.89	0.00	2.89
22.75	6.13	0.00	6.13	25.35	2.88	0.00	2.88
22.80	6.12	0.00	6.12	25.40	2.87	0.00	2.87
22.85	6.10	0.00	6.10	25.45	2.87	0.00	2.87
22.90	6.08	0.00	6.08	25.50	2.86	0.00	2.86
22.95	6.07	0.00	6.07	25.55	2.86	0.00	2.86
23.00	6.06	0.00	6.06	25.60	2.85	0.00	2.85
23.05	6.05	0.00	6.05	25.65	2.85	0.00	2.85
23.10	6.03	0.00	6.03	25.70	2.84	0.00	2.84
23.15	6.01	0.00	6.01	25.75	2.84	0.00	2.84
23.20	5.99	0.00	5.99	25.80	2.83	0.00	2.83
23.25	5.98	0.00	5.98	25.85	2.83	0.00	2.83
23.30	5.96	0.00	5.96	25.90	2.82	0.00	2.82
23.35	5.95	0.00	5.95	25.95	2.81	0.00	2.81

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	2.81	0.00	2.81	28.60	2.52	0.00	2.52
26.05	2.80	0.00	2.80	28.65	2.52	0.00	2.52
26.10	2.80	0.00	2.80	28.70	2.51	0.00	2.51
26.15	2.79	0.00	2.79	28.75	2.50	0.00	2.50
26.20	2.79	0.00	2.79	28.80	2.50	0.00	2.50
26.25	2.78	0.00	2.78	28.85	2.49	0.00	2.49
26.30	2.78	0.00	2.78	28.90	2.49	0.00	2.49
26.35	2.77	0.00	2.77	28.95	2.48	0.00	2.48
26.40	2.77	0.00	2.77	29.00	2.48	0.00	2.48
26.45	2.76	0.00	2.76	29.05	2.47	0.00	2.47
26.50	2.75	0.00	2.75	29.10	2.46	0.00	2.46
26.55	2.75	0.00	2.75	29.15	2.46	0.00	2.46
26.60	2.74	0.00	2.74	29.20	2.45	0.00	2.45
26.65	2.74	0.00	2.74	29.25	2.45	0.00	2.45
26.70	2.73	0.00	2.73	29.30	2.44	0.00	2.44
26.75	2.73	0.00	2.73	29.35	2.44	0.00	2.44
26.80	2.72	0.00	2.72	29.40	2.43	0.00	2.43
26.85	2.72	0.00	2.72	29.45	2.42	0.00	2.42
26.90	2.71	0.00	2.71	29.50	2.42	0.00	2.42
26.95	2.70	0.00	2.70	29.55	2.41	0.00	2.41
27.00	2.70	0.00	2.70	29.60	2.41	0.00	2.41
27.05	2.69	0.00	2.69	29.65	2.40	0.00	2.40
27.10	2.69	0.00	2.69	29.70	2.40	0.00	2.40
27.15	2.68	0.00	2.68	29.75	2.39	0.00	2.39
27.20	2.68	0.00	2.68	29.80	2.39	0.00	2.39
27.25	2.67	0.00	2.67	29.85	2.38	0.00	2.38
27.30	2.67	0.00	2.67	29.90	2.37	0.00	2.37
27.35	2.66	0.00	2.66	29.95	2.37	0.00	2.37
27.40	2.66	0.00	2.66	30.00	2.36	0.00	2.36
27.45	2.65	0.00	2.65	30.05	2.36	0.00	2.36
27.50	2.64	0.00	2.64	30.10	2.35	0.00	2.35
27.55	2.64	0.00	2.64	30.15	2.35	0.00	2.35
27.60	2.63	0.00	2.63	30.20	2.34	0.00	2.34
27.65	2.63	0.00	2.63	30.25	2.33	0.00	2.33
27.70	2.62	0.00	2.62	30.30	2.33	0.00	2.33
27.75	2.62	0.00	2.62	30.35	2.32	0.00	2.32
27.80	2.61	0.00	2.61	30.40	2.32	0.00	2.32
27.85	2.61	0.00	2.61	30.45	2.31	0.00	2.31
27.90	2.60	0.00	2.60	30.50	2.30	0.00	2.30
27.95	2.59	0.00	2.59	30.55	2.30	0.00	2.30
28.00	2.59	0.00	2.59	30.60	2.29	0.00	2.29
28.05	2.58	0.00	2.58	30.65	2.29	0.00	2.29
28.10	2.58	0.00	2.58	30.70	2.28	0.00	2.28
28.15	2.57	0.00	2.57	30.75	2.28	0.00	2.28
28.20	2.57	0.00	2.57	30.80	2.27	0.00	2.27
28.25	2.56	0.00	2.56	30.85	2.26	0.00	2.26
28.30	2.55	0.00	2.55	30.90	2.26	0.00	2.26
28.35	2.55	0.00	2.55	30.95	2.25	0.00	2.25
28.40	2.54	0.00	2.54	31.00	2.25	0.00	2.25
28.45	2.54	0.00	2.54	31.05	2.24	0.00	2.24
28.50	2.53	0.00	2.53	31.10	2.24	0.00	2.24
28.55	2.53	0.00	2.53	31.15	2.23	0.00	2.23

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.22	0.00	2.22	33.80	1.93	0.00	1.93
31.25	2.22	0.00	2.22	33.85	1.92	0.00	1.92
31.30	2.21	0.00	2.21	33.90	1.92	0.00	1.92
31.35	2.21	0.00	2.21	33.95	1.91	0.00	1.91
31.40	2.20	0.00	2.20	34.00	1.91	0.00	1.91
31.45	2.20	0.00	2.20	34.05	1.90	0.00	1.90
31.50	2.19	0.00	2.19	34.10	1.90	0.00	1.90
31.55	2.18	0.00	2.18	34.15	1.89	0.00	1.89
31.60	2.18	0.00	2.18	34.20	1.89	0.00	1.89
31.65	2.17	0.00	2.17	34.25	1.88	0.00	1.88
31.70	2.17	0.00	2.17	34.30	1.87	0.00	1.87
31.75	2.16	0.00	2.16	34.35	1.87	0.00	1.87
31.80	2.16	0.00	2.16	34.40	1.86	0.00	1.86
31.85	2.15	0.00	2.15	34.45	1.86	0.00	1.86
31.90	2.14	0.00	2.14	34.50	1.85	0.00	1.85
31.95	2.14	0.00	2.14	34.55	1.85	0.00	1.85
32.00	2.13	0.00	2.13	34.60	1.84	0.00	1.84
32.05	2.13	0.00	2.13	34.65	1.83	0.00	1.83
32.10	2.12	0.00	2.12	34.70	1.83	0.00	1.83
32.15	2.12	0.00	2.12	34.75	1.82	0.00	1.82
32.20	2.11	0.00	2.11	34.80	1.82	0.00	1.82
32.25	2.10	0.00	2.10	34.85	1.81	0.00	1.81
32.30	2.10	0.00	2.10	34.90	1.81	0.00	1.81
32.35	2.09	0.00	2.09	34.95	1.80	0.00	1.80
32.40	2.09	0.00	2.09	35.00	1.79	0.00	1.79
32.45	2.08	0.00	2.08	35.05	1.79	0.00	1.79
32.50	2.08	0.00	2.08	35.10	1.78	0.00	1.78
32.55	2.07	0.00	2.07	35.15	1.78	0.00	1.78
32.60	2.07	0.00	2.07	35.20	1.77	0.00	1.77
32.65	2.06	0.00	2.06	35.25	1.77	0.00	1.77
32.70	2.05	0.00	2.05	35.30	1.76	0.00	1.76
32.75	2.05	0.00	2.05	35.35	1.76	0.00	1.76
32.80	2.04	0.00	2.04	35.40	1.75	0.00	1.75
32.85	2.04	0.00	2.04	35.45	1.75	0.00	1.75
32.90	2.03	0.00	2.03	35.50	1.74	0.00	1.74
32.95	2.03	0.00	2.03	35.55	1.73	0.00	1.73
33.00	2.02	0.00	2.02	35.60	1.73	0.00	1.73
33.05	2.01	0.00	2.01	35.65	1.72	0.00	1.72
33.10	2.01	0.00	2.01	35.70	1.72	0.00	1.72
33.15	2.00	0.00	2.00	35.75	1.71	0.00	1.71
33.20	2.00	0.00	2.00	35.80	1.71	0.00	1.71
33.25	1.99	0.00	1.99	35.85	1.70	0.00	1.70
33.30	1.99	0.00	1.99	35.90	1.70	0.00	1.70
33.35	1.98	0.00	1.98	35.95	1.69	0.00	1.69
33.40	1.97	0.00	1.97	36.00	1.69	0.00	1.69
33.45	1.97	0.00	1.97	36.05	1.68	0.00	1.68
33.50	1.96	0.00	1.96	36.10	1.68	0.00	1.68
33.55	1.96	0.00	1.96	36.15	1.67	0.00	1.67
33.60	1.95	0.00	1.95	36.20	1.67	0.00	1.67
33.65	1.95	0.00	1.95	36.25	1.66	0.00	1.66
33.70	1.94	0.00	1.94	36.30	1.66	0.00	1.66
33.75	1.94	0.00	1.94	36.35	1.65	0.00	1.65

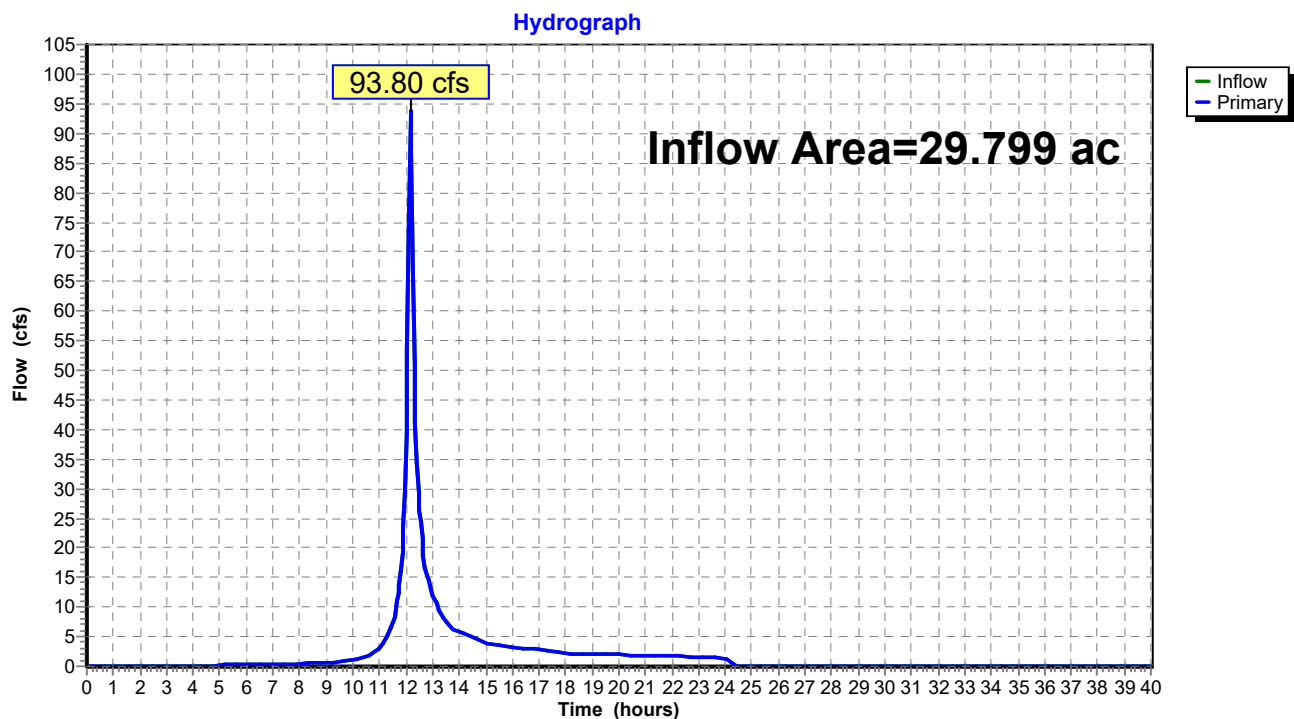
Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	1.65	0.00	1.65	39.00	1.40	0.00	1.40
36.45	1.64	0.00	1.64	39.05	1.39	0.00	1.39
36.50	1.64	0.00	1.64	39.10	1.39	0.00	1.39
36.55	1.63	0.00	1.63	39.15	1.38	0.00	1.38
36.60	1.63	0.00	1.63	39.20	1.38	0.00	1.38
36.65	1.62	0.00	1.62	39.25	1.37	0.00	1.37
36.70	1.62	0.00	1.62	39.30	1.37	0.00	1.37
36.75	1.61	0.00	1.61	39.35	1.36	0.00	1.36
36.80	1.61	0.00	1.61	39.40	1.36	0.00	1.36
36.85	1.60	0.00	1.60	39.45	1.36	0.00	1.36
36.90	1.60	0.00	1.60	39.50	1.35	0.00	1.35
36.95	1.59	0.00	1.59	39.55	1.35	0.00	1.35
37.00	1.59	0.00	1.59	39.60	1.34	0.00	1.34
37.05	1.58	0.00	1.58	39.65	1.34	0.00	1.34
37.10	1.58	0.00	1.58	39.70	1.33	0.00	1.33
37.15	1.57	0.00	1.57	39.75	1.33	0.00	1.33
37.20	1.57	0.00	1.57	39.80	1.32	0.00	1.32
37.25	1.56	0.00	1.56	39.85	1.32	0.00	1.32
37.30	1.56	0.00	1.56	39.90	1.32	0.00	1.32
37.35	1.55	0.00	1.55	39.95	1.31	0.00	1.31
37.40	1.55	0.00	1.55	40.00	1.31	0.00	1.31
37.45	1.54	0.00	1.54				
37.50	1.54	0.00	1.54				
37.55	1.53	0.00	1.53				
37.60	1.53	0.00	1.53				
37.65	1.52	0.00	1.52				
37.70	1.52	0.00	1.52				
37.75	1.51	0.00	1.51				
37.80	1.51	0.00	1.51				
37.85	1.50	0.00	1.50				
37.90	1.50	0.00	1.50				
37.95	1.50	0.00	1.50				
38.00	1.49	0.00	1.49				
38.05	1.49	0.00	1.49				
38.10	1.48	0.00	1.48				
38.15	1.48	0.00	1.48				
38.20	1.47	0.00	1.47				
38.25	1.47	0.00	1.47				
38.30	1.46	0.00	1.46				
38.35	1.46	0.00	1.46				
38.40	1.45	0.00	1.45				
38.45	1.45	0.00	1.45				
38.50	1.44	0.00	1.44				
38.55	1.44	0.00	1.44				
38.60	1.43	0.00	1.43				
38.65	1.43	0.00	1.43				
38.70	1.42	0.00	1.42				
38.75	1.42	0.00	1.42				
38.80	1.42	0.00	1.42				
38.85	1.41	0.00	1.41				
38.90	1.41	0.00	1.41				
38.95	1.40	0.00	1.40				

Summary for Link PDA-1OF: PDA-1 (offsite)

Inflow Area = 29.799 ac, 8.84% Impervious, Inflow Depth = 2.80" for Future 10 yr event
Inflow = 93.80 cfs @ 12.16 hrs, Volume= 6.949 af
Primary = 93.80 cfs @ 12.16 hrs, Volume= 6.949 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1OF: PDA-1 (offsite)

Hydrograph for Link PDA-1OF: PDA-1 (offsite)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.15	0.00	0.15	7.80	0.38	0.00	0.38
5.25	0.15	0.00	0.15	7.85	0.39	0.00	0.39
5.30	0.15	0.00	0.15	7.90	0.40	0.00	0.40
5.35	0.16	0.00	0.16	7.95	0.40	0.00	0.40
5.40	0.16	0.00	0.16	8.00	0.41	0.00	0.41
5.45	0.16	0.00	0.16	8.05	0.41	0.00	0.41
5.50	0.17	0.00	0.17	8.10	0.42	0.00	0.42
5.55	0.17	0.00	0.17	8.15	0.43	0.00	0.43
5.60	0.17	0.00	0.17	8.20	0.43	0.00	0.43
5.65	0.17	0.00	0.17	8.25	0.44	0.00	0.44
5.70	0.18	0.00	0.18	8.30	0.45	0.00	0.45
5.75	0.18	0.00	0.18	8.35	0.45	0.00	0.45
5.80	0.18	0.00	0.18	8.40	0.46	0.00	0.46
5.85	0.19	0.00	0.19	8.45	0.46	0.00	0.46
5.90	0.19	0.00	0.19	8.50	0.47	0.00	0.47
5.95	0.19	0.00	0.19	8.55	0.48	0.00	0.48
6.00	0.19	0.00	0.19	8.60	0.48	0.00	0.48
6.05	0.20	0.00	0.20	8.65	0.49	0.00	0.49
6.10	0.20	0.00	0.20	8.70	0.50	0.00	0.50
6.15	0.20	0.00	0.20	8.75	0.50	0.00	0.50
6.20	0.21	0.00	0.21	8.80	0.51	0.00	0.51
6.25	0.21	0.00	0.21	8.85	0.52	0.00	0.52
6.30	0.22	0.00	0.22	8.90	0.52	0.00	0.52
6.35	0.22	0.00	0.22	8.95	0.53	0.00	0.53
6.40	0.23	0.00	0.23	9.00	0.54	0.00	0.54
6.45	0.23	0.00	0.23	9.05	0.54	0.00	0.54
6.50	0.24	0.00	0.24	9.10	0.56	0.00	0.56
6.55	0.24	0.00	0.24	9.15	0.57	0.00	0.57
6.60	0.25	0.00	0.25	9.20	0.59	0.00	0.59
6.65	0.25	0.00	0.25	9.25	0.60	0.00	0.60
6.70	0.26	0.00	0.26	9.30	0.62	0.00	0.62
6.75	0.26	0.00	0.26	9.35	0.64	0.00	0.64
6.80	0.27	0.00	0.27	9.40	0.66	0.00	0.66
6.85	0.27	0.00	0.27	9.45	0.68	0.00	0.68
6.90	0.28	0.00	0.28	9.50	0.70	0.00	0.70
6.95	0.29	0.00	0.29	9.55	0.71	0.00	0.71
7.00	0.29	0.00	0.29	9.60	0.73	0.00	0.73
7.05	0.30	0.00	0.30	9.65	0.75	0.00	0.75
7.10	0.30	0.00	0.30	9.70	0.77	0.00	0.77
7.15	0.31	0.00	0.31	9.75	0.79	0.00	0.79
7.20	0.31	0.00	0.31	9.80	0.82	0.00	0.82
7.25	0.32	0.00	0.32	9.85	0.85	0.00	0.85
7.30	0.32	0.00	0.32	9.90	0.90	0.00	0.90
7.35	0.33	0.00	0.33	9.95	0.94	0.00	0.94
7.40	0.34	0.00	0.34	10.00	0.99	0.00	0.99
7.45	0.34	0.00	0.34	10.05	1.04	0.00	1.04
7.50	0.35	0.00	0.35	10.10	1.10	0.00	1.10
7.55	0.35	0.00	0.35	10.15	1.15	0.00	1.15
7.60	0.36	0.00	0.36	10.20	1.21	0.00	1.21
7.65	0.36	0.00	0.36	10.25	1.27	0.00	1.27
7.70	0.37	0.00	0.37	10.30	1.33	0.00	1.33
7.75	0.38	0.00	0.38	10.35	1.39	0.00	1.39

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	1.45	0.00	1.45	13.00	12.13	0.00	12.13
10.45	1.51	0.00	1.51	13.05	11.52	0.00	11.52
10.50	1.58	0.00	1.58	13.10	10.88	0.00	10.88
10.55	1.66	0.00	1.66	13.15	10.29	0.00	10.29
10.60	1.76	0.00	1.76	13.20	9.81	0.00	9.81
10.65	1.90	0.00	1.90	13.25	9.41	0.00	9.41
10.70	2.04	0.00	2.04	13.30	9.04	0.00	9.04
10.75	2.20	0.00	2.20	13.35	8.69	0.00	8.69
10.80	2.37	0.00	2.37	13.40	8.35	0.00	8.35
10.85	2.55	0.00	2.55	13.45	8.00	0.00	8.00
10.90	2.73	0.00	2.73	13.50	7.65	0.00	7.65
10.95	2.92	0.00	2.92	13.55	7.31	0.00	7.31
11.00	3.13	0.00	3.13	13.60	6.96	0.00	6.96
11.05	3.35	0.00	3.35	13.65	6.64	0.00	6.64
11.10	3.63	0.00	3.63	13.70	6.43	0.00	6.43
11.15	3.95	0.00	3.95	13.75	6.28	0.00	6.28
11.20	4.31	0.00	4.31	13.80	6.17	0.00	6.17
11.25	4.69	0.00	4.69	13.85	6.07	0.00	6.07
11.30	5.10	0.00	5.10	13.90	5.98	0.00	5.98
11.35	5.52	0.00	5.52	13.95	5.90	0.00	5.90
11.40	5.97	0.00	5.97	14.00	5.81	0.00	5.81
11.45	6.42	0.00	6.42	14.05	5.72	0.00	5.72
11.50	6.88	0.00	6.88	14.10	5.62	0.00	5.62
11.55	7.52	0.00	7.52	14.15	5.54	0.00	5.54
11.60	9.02	0.00	9.02	14.20	5.45	0.00	5.45
11.65	10.91	0.00	10.91	14.25	5.36	0.00	5.36
11.70	12.40	0.00	12.40	14.30	5.27	0.00	5.27
11.75	13.76	0.00	13.76	14.35	5.18	0.00	5.18
11.80	16.05	0.00	16.05	14.40	5.08	0.00	5.08
11.85	19.17	0.00	19.17	14.45	4.99	0.00	4.99
11.90	23.46	0.00	23.46	14.50	4.90	0.00	4.90
11.95	29.28	0.00	29.28	14.55	4.82	0.00	4.82
12.00	39.34	0.00	39.34	14.60	4.72	0.00	4.72
12.05	53.33	0.00	53.33	14.65	4.63	0.00	4.63
12.10	74.06	0.00	74.06	14.70	4.53	0.00	4.53
12.15	92.96	0.00	92.96	14.75	4.44	0.00	4.44
12.20	86.97	0.00	86.97	14.80	4.35	0.00	4.35
12.25	66.55	0.00	66.55	14.85	4.26	0.00	4.26
12.30	50.97	0.00	50.97	14.90	4.17	0.00	4.17
12.35	41.20	0.00	41.20	14.95	4.07	0.00	4.07
12.40	34.26	0.00	34.26	15.00	3.98	0.00	3.98
12.45	29.26	0.00	29.26	15.05	3.88	0.00	3.88
12.50	26.41	0.00	26.41	15.10	3.79	0.00	3.79
12.55	24.57	0.00	24.57	15.15	3.71	0.00	3.71
12.60	21.72	0.00	21.72	15.20	3.65	0.00	3.65
12.65	18.59	0.00	18.59	15.25	3.61	0.00	3.61
12.70	16.62	0.00	16.62	15.30	3.57	0.00	3.57
12.75	15.52	0.00	15.52	15.35	3.55	0.00	3.55
12.80	14.71	0.00	14.71	15.40	3.53	0.00	3.53
12.85	14.03	0.00	14.03	15.45	3.50	0.00	3.50
12.90	13.38	0.00	13.38	15.50	3.48	0.00	3.48
12.95	12.76	0.00	12.76	15.55	3.45	0.00	3.45

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.43	0.00	3.43	18.20	2.15	0.00	2.15
15.65	3.41	0.00	3.41	18.25	2.14	0.00	2.14
15.70	3.38	0.00	3.38	18.30	2.13	0.00	2.13
15.75	3.36	0.00	3.36	18.35	2.12	0.00	2.12
15.80	3.33	0.00	3.33	18.40	2.12	0.00	2.12
15.85	3.31	0.00	3.31	18.45	2.11	0.00	2.11
15.90	3.28	0.00	3.28	18.50	2.10	0.00	2.10
15.95	3.26	0.00	3.26	18.55	2.10	0.00	2.10
16.00	3.24	0.00	3.24	18.60	2.09	0.00	2.09
16.05	3.21	0.00	3.21	18.65	2.09	0.00	2.09
16.10	3.19	0.00	3.19	18.70	2.08	0.00	2.08
16.15	3.17	0.00	3.17	18.75	2.07	0.00	2.07
16.20	3.15	0.00	3.15	18.80	2.07	0.00	2.07
16.25	3.12	0.00	3.12	18.85	2.06	0.00	2.06
16.30	3.09	0.00	3.09	18.90	2.06	0.00	2.06
16.35	3.07	0.00	3.07	18.95	2.05	0.00	2.05
16.40	3.04	0.00	3.04	19.00	2.04	0.00	2.04
16.45	3.02	0.00	3.02	19.05	2.04	0.00	2.04
16.50	2.99	0.00	2.99	19.10	2.03	0.00	2.03
16.55	2.97	0.00	2.97	19.15	2.03	0.00	2.03
16.60	2.94	0.00	2.94	19.20	2.02	0.00	2.02
16.65	2.92	0.00	2.92	19.25	2.01	0.00	2.01
16.70	2.90	0.00	2.90	19.30	2.01	0.00	2.01
16.75	2.87	0.00	2.87	19.35	2.00	0.00	2.00
16.80	2.85	0.00	2.85	19.40	1.99	0.00	1.99
16.85	2.82	0.00	2.82	19.45	1.99	0.00	1.99
16.90	2.79	0.00	2.79	19.50	1.98	0.00	1.98
16.95	2.77	0.00	2.77	19.55	1.98	0.00	1.98
17.00	2.75	0.00	2.75	19.60	1.97	0.00	1.97
17.05	2.72	0.00	2.72	19.65	1.96	0.00	1.96
17.10	2.70	0.00	2.70	19.70	1.96	0.00	1.96
17.15	2.67	0.00	2.67	19.75	1.95	0.00	1.95
17.20	2.65	0.00	2.65	19.80	1.95	0.00	1.95
17.25	2.62	0.00	2.62	19.85	1.95	0.00	1.95
17.30	2.59	0.00	2.59	19.90	1.94	0.00	1.94
17.35	2.56	0.00	2.56	19.95	1.93	0.00	1.93
17.40	2.54	0.00	2.54	20.00	1.92	0.00	1.92
17.45	2.52	0.00	2.52	20.05	1.92	0.00	1.92
17.50	2.49	0.00	2.49	20.10	1.91	0.00	1.91
17.55	2.47	0.00	2.47	20.15	1.90	0.00	1.90
17.60	2.44	0.00	2.44	20.20	1.90	0.00	1.90
17.65	2.42	0.00	2.42	20.25	1.89	0.00	1.89
17.70	2.39	0.00	2.39	20.30	1.88	0.00	1.88
17.75	2.37	0.00	2.37	20.35	1.88	0.00	1.88
17.80	2.34	0.00	2.34	20.40	1.87	0.00	1.87
17.85	2.32	0.00	2.32	20.45	1.86	0.00	1.86
17.90	2.29	0.00	2.29	20.50	1.86	0.00	1.86
17.95	2.26	0.00	2.26	20.55	1.85	0.00	1.85
18.00	2.24	0.00	2.24	20.60	1.85	0.00	1.85
18.05	2.21	0.00	2.21	20.65	1.85	0.00	1.85
18.10	2.19	0.00	2.19	20.70	1.84	0.00	1.84
18.15	2.16	0.00	2.16	20.75	1.83	0.00	1.83

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.82	0.00	1.82	23.40	1.49	0.00	1.49
20.85	1.81	0.00	1.81	23.45	1.49	0.00	1.49
20.90	1.81	0.00	1.81	23.50	1.48	0.00	1.48
20.95	1.80	0.00	1.80	23.55	1.47	0.00	1.47
21.00	1.80	0.00	1.80	23.60	1.46	0.00	1.46
21.05	1.79	0.00	1.79	23.65	1.45	0.00	1.45
21.10	1.78	0.00	1.78	23.70	1.45	0.00	1.45
21.15	1.78	0.00	1.78	23.75	1.45	0.00	1.45
21.20	1.77	0.00	1.77	23.80	1.44	0.00	1.44
21.25	1.76	0.00	1.76	23.85	1.43	0.00	1.43
21.30	1.76	0.00	1.76	23.90	1.42	0.00	1.42
21.35	1.76	0.00	1.76	23.95	1.43	0.00	1.43
21.40	1.75	0.00	1.75	24.00	1.52	0.00	1.52
21.45	1.74	0.00	1.74	24.05	1.54	0.00	1.54
21.50	1.73	0.00	1.73	24.10	1.15	0.00	1.15
21.55	1.73	0.00	1.73	24.15	0.59	0.00	0.59
21.60	1.72	0.00	1.72	24.20	0.26	0.00	0.26
21.65	1.71	0.00	1.71	24.25	0.11	0.00	0.11
21.70	1.71	0.00	1.71	24.30	0.05	0.00	0.05
21.75	1.70	0.00	1.70	24.35	0.02	0.00	0.02
21.80	1.70	0.00	1.70	24.40	0.01	0.00	0.01
21.85	1.70	0.00	1.70	24.45	0.00	0.00	0.00
21.90	1.69	0.00	1.69	24.50	0.00	0.00	0.00
21.95	1.68	0.00	1.68	24.55	0.00	0.00	0.00
22.00	1.67	0.00	1.67	24.60	0.00	0.00	0.00
22.05	1.66	0.00	1.66	24.65	0.00	0.00	0.00
22.10	1.66	0.00	1.66	24.70	0.00	0.00	0.00
22.15	1.65	0.00	1.65	24.75	0.00	0.00	0.00
22.20	1.65	0.00	1.65	24.80	0.00	0.00	0.00
22.25	1.64	0.00	1.64	24.85	0.00	0.00	0.00
22.30	1.64	0.00	1.64	24.90	0.00	0.00	0.00
22.35	1.63	0.00	1.63	24.95	0.00	0.00	0.00
22.40	1.62	0.00	1.62	25.00	0.00	0.00	0.00
22.45	1.61	0.00	1.61	25.05	0.00	0.00	0.00
22.50	1.60	0.00	1.60	25.10	0.00	0.00	0.00
22.55	1.60	0.00	1.60	25.15	0.00	0.00	0.00
22.60	1.59	0.00	1.59	25.20	0.00	0.00	0.00
22.65	1.59	0.00	1.59	25.25	0.00	0.00	0.00
22.70	1.58	0.00	1.58	25.30	0.00	0.00	0.00
22.75	1.57	0.00	1.57	25.35	0.00	0.00	0.00
22.80	1.57	0.00	1.57	25.40	0.00	0.00	0.00
22.85	1.56	0.00	1.56	25.45	0.00	0.00	0.00
22.90	1.55	0.00	1.55	25.50	0.00	0.00	0.00
22.95	1.55	0.00	1.55	25.55	0.00	0.00	0.00
23.00	1.54	0.00	1.54	25.60	0.00	0.00	0.00
23.05	1.54	0.00	1.54	25.65	0.00	0.00	0.00
23.10	1.53	0.00	1.53	25.70	0.00	0.00	0.00
23.15	1.52	0.00	1.52	25.75	0.00	0.00	0.00
23.20	1.51	0.00	1.51	25.80	0.00	0.00	0.00
23.25	1.51	0.00	1.51	25.85	0.00	0.00	0.00
23.30	1.50	0.00	1.50	25.90	0.00	0.00	0.00
23.35	1.49	0.00	1.49	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

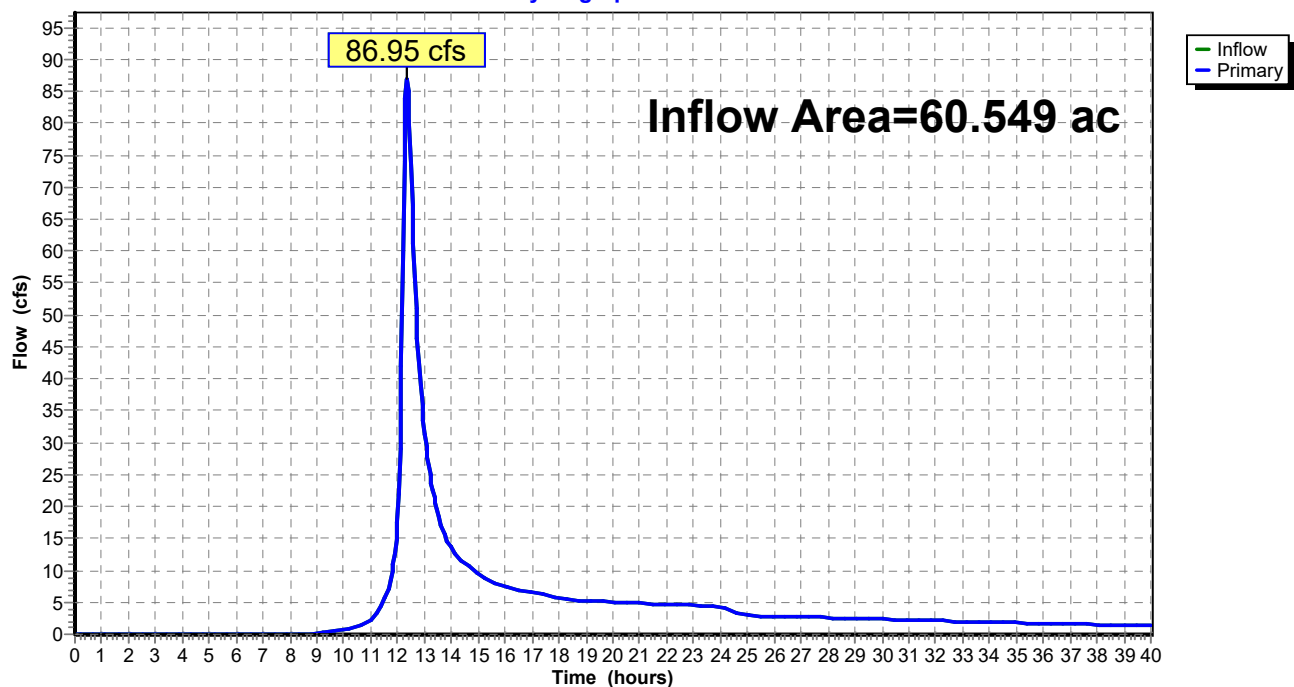
Summary for Link PDA-1ON: PDA-1 (onsite)

Inflow Area = 60.549 ac, 24.89% Impervious, Inflow Depth > 2.94" for Future 10 yr event
Inflow = 86.95 cfs @ 12.36 hrs, Volume= 14.818 af
Primary = 86.95 cfs @ 12.36 hrs, Volume= 14.818 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1ON: PDA-1 (onsite)

Hydrograph



Hydrograph for Link PDA-1ON: PDA-1 (onsite)

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

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.01	0.00	0.01
5.80	0.00	0.00	0.00	8.40	0.02	0.00	0.02
5.85	0.00	0.00	0.00	8.45	0.02	0.00	0.02
5.90	0.00	0.00	0.00	8.50	0.03	0.00	0.03
5.95	0.00	0.00	0.00	8.55	0.05	0.00	0.05
6.00	0.00	0.00	0.00	8.60	0.06	0.00	0.06
6.05	0.00	0.00	0.00	8.65	0.07	0.00	0.07
6.10	0.00	0.00	0.00	8.70	0.09	0.00	0.09
6.15	0.00	0.00	0.00	8.75	0.10	0.00	0.10
6.20	0.00	0.00	0.00	8.80	0.12	0.00	0.12
6.25	0.00	0.00	0.00	8.85	0.13	0.00	0.13
6.30	0.00	0.00	0.00	8.90	0.15	0.00	0.15
6.35	0.00	0.00	0.00	8.95	0.17	0.00	0.17
6.40	0.00	0.00	0.00	9.00	0.18	0.00	0.18
6.45	0.00	0.00	0.00	9.05	0.20	0.00	0.20
6.50	0.00	0.00	0.00	9.10	0.22	0.00	0.22
6.55	0.00	0.00	0.00	9.15	0.24	0.00	0.24
6.60	0.00	0.00	0.00	9.20	0.25	0.00	0.25
6.65	0.00	0.00	0.00	9.25	0.28	0.00	0.28
6.70	0.00	0.00	0.00	9.30	0.30	0.00	0.30
6.75	0.00	0.00	0.00	9.35	0.32	0.00	0.32
6.80	0.00	0.00	0.00	9.40	0.35	0.00	0.35
6.85	0.00	0.00	0.00	9.45	0.37	0.00	0.37
6.90	0.00	0.00	0.00	9.50	0.40	0.00	0.40
6.95	0.00	0.00	0.00	9.55	0.43	0.00	0.43
7.00	0.00	0.00	0.00	9.60	0.46	0.00	0.46
7.05	0.00	0.00	0.00	9.65	0.49	0.00	0.49
7.10	0.00	0.00	0.00	9.70	0.53	0.00	0.53
7.15	0.00	0.00	0.00	9.75	0.56	0.00	0.56
7.20	0.00	0.00	0.00	9.80	0.60	0.00	0.60
7.25	0.00	0.00	0.00	9.85	0.64	0.00	0.64
7.30	0.00	0.00	0.00	9.90	0.68	0.00	0.68
7.35	0.00	0.00	0.00	9.95	0.72	0.00	0.72
7.40	0.00	0.00	0.00	10.00	0.76	0.00	0.76
7.45	0.00	0.00	0.00	10.05	0.80	0.00	0.80
7.50	0.00	0.00	0.00	10.10	0.85	0.00	0.85
7.55	0.00	0.00	0.00	10.15	0.89	0.00	0.89
7.60	0.00	0.00	0.00	10.20	0.94	0.00	0.94
7.65	0.00	0.00	0.00	10.25	0.99	0.00	0.99
7.70	0.00	0.00	0.00	10.30	1.04	0.00	1.04
7.75	0.00	0.00	0.00	10.35	1.09	0.00	1.09

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	1.15	0.00	1.15	13.00	31.31	0.00	31.31
10.45	1.20	0.00	1.20	13.05	29.46	0.00	29.46
10.50	1.26	0.00	1.26	13.10	27.81	0.00	27.81
10.55	1.32	0.00	1.32	13.15	26.30	0.00	26.30
10.60	1.38	0.00	1.38	13.20	24.92	0.00	24.92
10.65	1.44	0.00	1.44	13.25	23.66	0.00	23.66
10.70	1.52	0.00	1.52	13.30	22.50	0.00	22.50
10.75	1.60	0.00	1.60	13.35	21.45	0.00	21.45
10.80	1.70	0.00	1.70	13.40	20.48	0.00	20.48
10.85	1.82	0.00	1.82	13.45	19.59	0.00	19.59
10.90	1.96	0.00	1.96	13.50	18.78	0.00	18.78
10.95	2.11	0.00	2.11	13.55	18.03	0.00	18.03
11.00	2.29	0.00	2.29	13.60	17.32	0.00	17.32
11.05	2.48	0.00	2.48	13.65	16.64	0.00	16.64
11.10	2.69	0.00	2.69	13.70	16.00	0.00	16.00
11.15	2.92	0.00	2.92	13.75	15.40	0.00	15.40
11.20	3.18	0.00	3.18	13.80	14.86	0.00	14.86
11.25	3.47	0.00	3.47	13.85	14.38	0.00	14.38
11.30	3.79	0.00	3.79	13.90	13.95	0.00	13.95
11.35	4.13	0.00	4.13	13.95	13.58	0.00	13.58
11.40	4.50	0.00	4.50	14.00	13.25	0.00	13.25
11.45	4.90	0.00	4.90	14.05	12.96	0.00	12.96
11.50	5.32	0.00	5.32	14.10	12.70	0.00	12.70
11.55	5.76	0.00	5.76	14.15	12.45	0.00	12.45
11.60	6.26	0.00	6.26	14.20	12.22	0.00	12.22
11.65	6.87	0.00	6.87	14.25	12.01	0.00	12.01
11.70	7.65	0.00	7.65	14.30	11.81	0.00	11.81
11.75	8.62	0.00	8.62	14.35	11.62	0.00	11.62
11.80	9.77	0.00	9.77	14.40	11.43	0.00	11.43
11.85	11.11	0.00	11.11	14.45	11.25	0.00	11.25
11.90	12.75	0.00	12.75	14.50	11.07	0.00	11.07
11.95	14.80	0.00	14.80	14.55	10.90	0.00	10.90
12.00	17.51	0.00	17.51	14.60	10.72	0.00	10.72
12.05	21.81	0.00	21.81	14.65	10.55	0.00	10.55
12.10	29.07	0.00	29.07	14.70	10.38	0.00	10.38
12.15	41.84	0.00	41.84	14.75	10.21	0.00	10.21
12.20	58.18	0.00	58.18	14.80	10.05	0.00	10.05
12.25	74.16	0.00	74.16	14.85	9.88	0.00	9.88
12.30	84.01	0.00	84.01	14.90	9.71	0.00	9.71
12.35	86.92	0.00	86.92	14.95	9.55	0.00	9.55
12.40	85.10	0.00	85.10	15.00	9.39	0.00	9.39
12.45	80.36	0.00	80.36	15.05	9.23	0.00	9.23
12.50	73.90	0.00	73.90	15.10	9.07	0.00	9.07
12.55	67.16	0.00	67.16	15.15	8.91	0.00	8.91
12.60	61.14	0.00	61.14	15.20	8.76	0.00	8.76
12.65	55.83	0.00	55.83	15.25	8.61	0.00	8.61
12.70	50.90	0.00	50.90	15.30	8.48	0.00	8.48
12.75	46.38	0.00	46.38	15.35	8.35	0.00	8.35
12.80	42.38	0.00	42.38	15.40	8.24	0.00	8.24
12.85	38.94	0.00	38.94	15.45	8.14	0.00	8.14
12.90	35.98	0.00	35.98	15.50	8.05	0.00	8.05
12.95	33.44	0.00	33.44	15.55	7.97	0.00	7.97

Hydrograph for Link PDA-10N: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	7.89	0.00	7.89	18.20	5.54	0.00	5.54
15.65	7.83	0.00	7.83	18.25	5.50	0.00	5.50
15.70	7.76	0.00	7.76	18.30	5.47	0.00	5.47
15.75	7.70	0.00	7.70	18.35	5.44	0.00	5.44
15.80	7.64	0.00	7.64	18.40	5.41	0.00	5.41
15.85	7.58	0.00	7.58	18.45	5.39	0.00	5.39
15.90	7.53	0.00	7.53	18.50	5.37	0.00	5.37
15.95	7.47	0.00	7.47	18.55	5.35	0.00	5.35
16.00	7.42	0.00	7.42	18.60	5.33	0.00	5.33
16.05	7.37	0.00	7.37	18.65	5.31	0.00	5.31
16.10	7.32	0.00	7.32	18.70	5.30	0.00	5.30
16.15	7.27	0.00	7.27	18.75	5.28	0.00	5.28
16.20	7.22	0.00	7.22	18.80	5.27	0.00	5.27
16.25	7.18	0.00	7.18	18.85	5.26	0.00	5.26
16.30	7.13	0.00	7.13	18.90	5.24	0.00	5.24
16.35	7.08	0.00	7.08	18.95	5.23	0.00	5.23
16.40	7.04	0.00	7.04	19.00	5.22	0.00	5.22
16.45	6.99	0.00	6.99	19.05	5.21	0.00	5.21
16.50	6.94	0.00	6.94	19.10	5.20	0.00	5.20
16.55	6.90	0.00	6.90	19.15	5.19	0.00	5.19
16.60	6.85	0.00	6.85	19.20	5.18	0.00	5.18
16.65	6.81	0.00	6.81	19.25	5.17	0.00	5.17
16.70	6.77	0.00	6.77	19.30	5.16	0.00	5.16
16.75	6.73	0.00	6.73	19.35	5.15	0.00	5.15
16.80	6.68	0.00	6.68	19.40	5.14	0.00	5.14
16.85	6.64	0.00	6.64	19.45	5.13	0.00	5.13
16.90	6.60	0.00	6.60	19.50	5.12	0.00	5.12
16.95	6.56	0.00	6.56	19.55	5.11	0.00	5.11
17.00	6.52	0.00	6.52	19.60	5.10	0.00	5.10
17.05	6.48	0.00	6.48	19.65	5.09	0.00	5.09
17.10	6.44	0.00	6.44	19.70	5.08	0.00	5.08
17.15	6.40	0.00	6.40	19.75	5.07	0.00	5.07
17.20	6.36	0.00	6.36	19.80	5.06	0.00	5.06
17.25	6.32	0.00	6.32	19.85	5.05	0.00	5.05
17.30	6.28	0.00	6.28	19.90	5.05	0.00	5.05
17.35	6.23	0.00	6.23	19.95	5.04	0.00	5.04
17.40	6.19	0.00	6.19	20.00	5.03	0.00	5.03
17.45	6.15	0.00	6.15	20.05	5.02	0.00	5.02
17.50	6.11	0.00	6.11	20.10	5.01	0.00	5.01
17.55	6.06	0.00	6.06	20.15	5.00	0.00	5.00
17.60	6.02	0.00	6.02	20.20	4.99	0.00	4.99
17.65	5.98	0.00	5.98	20.25	4.99	0.00	4.99
17.70	5.94	0.00	5.94	20.30	4.98	0.00	4.98
17.75	5.90	0.00	5.90	20.35	4.97	0.00	4.97
17.80	5.86	0.00	5.86	20.40	4.96	0.00	4.96
17.85	5.81	0.00	5.81	20.45	4.95	0.00	4.95
17.90	5.77	0.00	5.77	20.50	4.94	0.00	4.94
17.95	5.73	0.00	5.73	20.55	4.93	0.00	4.93
18.00	5.69	0.00	5.69	20.60	4.92	0.00	4.92
18.05	5.65	0.00	5.65	20.65	4.91	0.00	4.91
18.10	5.61	0.00	5.61	20.70	4.91	0.00	4.91
18.15	5.57	0.00	5.57	20.75	4.90	0.00	4.90

Hydrograph for Link PDA-10N: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	4.89	0.00	4.89	23.40	4.44	0.00	4.44
20.85	4.88	0.00	4.88	23.45	4.44	0.00	4.44
20.90	4.87	0.00	4.87	23.50	4.43	0.00	4.43
20.95	4.86	0.00	4.86	23.55	4.42	0.00	4.42
21.00	4.85	0.00	4.85	23.60	4.41	0.00	4.41
21.05	4.85	0.00	4.85	23.65	4.40	0.00	4.40
21.10	4.84	0.00	4.84	23.70	4.39	0.00	4.39
21.15	4.83	0.00	4.83	23.75	4.38	0.00	4.38
21.20	4.82	0.00	4.82	23.80	4.38	0.00	4.38
21.25	4.81	0.00	4.81	23.85	4.37	0.00	4.37
21.30	4.80	0.00	4.80	23.90	4.36	0.00	4.36
21.35	4.79	0.00	4.79	23.95	4.35	0.00	4.35
21.40	4.78	0.00	4.78	24.00	4.34	0.00	4.34
21.45	4.78	0.00	4.78	24.05	4.35	0.00	4.35
21.50	4.77	0.00	4.77	24.10	4.34	0.00	4.34
21.55	4.76	0.00	4.76	24.15	4.31	0.00	4.31
21.60	4.75	0.00	4.75	24.20	4.22	0.00	4.22
21.65	4.74	0.00	4.74	24.25	4.07	0.00	4.07
21.70	4.73	0.00	4.73	24.30	3.88	0.00	3.88
21.75	4.73	0.00	4.73	24.35	3.69	0.00	3.69
21.80	4.72	0.00	4.72	24.40	3.52	0.00	3.52
21.85	4.71	0.00	4.71	24.45	3.37	0.00	3.37
21.90	4.70	0.00	4.70	24.50	3.26	0.00	3.26
21.95	4.69	0.00	4.69	24.55	3.18	0.00	3.18
22.00	4.69	0.00	4.69	24.60	3.12	0.00	3.12
22.05	4.68	0.00	4.68	24.65	3.08	0.00	3.08
22.10	4.67	0.00	4.67	24.70	3.04	0.00	3.04
22.15	4.66	0.00	4.66	24.75	3.01	0.00	3.01
22.20	4.65	0.00	4.65	24.80	2.99	0.00	2.99
22.25	4.64	0.00	4.64	24.85	2.97	0.00	2.97
22.30	4.63	0.00	4.63	24.90	2.95	0.00	2.95
22.35	4.63	0.00	4.63	24.95	2.94	0.00	2.94
22.40	4.62	0.00	4.62	25.00	2.93	0.00	2.93
22.45	4.61	0.00	4.61	25.05	2.92	0.00	2.92
22.50	4.60	0.00	4.60	25.10	2.91	0.00	2.91
22.55	4.59	0.00	4.59	25.15	2.91	0.00	2.91
22.60	4.58	0.00	4.58	25.20	2.90	0.00	2.90
22.65	4.57	0.00	4.57	25.25	2.89	0.00	2.89
22.70	4.57	0.00	4.57	25.30	2.89	0.00	2.89
22.75	4.56	0.00	4.56	25.35	2.88	0.00	2.88
22.80	4.55	0.00	4.55	25.40	2.87	0.00	2.87
22.85	4.54	0.00	4.54	25.45	2.87	0.00	2.87
22.90	4.53	0.00	4.53	25.50	2.86	0.00	2.86
22.95	4.52	0.00	4.52	25.55	2.86	0.00	2.86
23.00	4.51	0.00	4.51	25.60	2.85	0.00	2.85
23.05	4.51	0.00	4.51	25.65	2.85	0.00	2.85
23.10	4.50	0.00	4.50	25.70	2.84	0.00	2.84
23.15	4.49	0.00	4.49	25.75	2.84	0.00	2.84
23.20	4.48	0.00	4.48	25.80	2.83	0.00	2.83
23.25	4.47	0.00	4.47	25.85	2.83	0.00	2.83
23.30	4.46	0.00	4.46	25.90	2.82	0.00	2.82
23.35	4.45	0.00	4.45	25.95	2.81	0.00	2.81

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	2.81	0.00	2.81	28.60	2.52	0.00	2.52
26.05	2.80	0.00	2.80	28.65	2.52	0.00	2.52
26.10	2.80	0.00	2.80	28.70	2.51	0.00	2.51
26.15	2.79	0.00	2.79	28.75	2.50	0.00	2.50
26.20	2.79	0.00	2.79	28.80	2.50	0.00	2.50
26.25	2.78	0.00	2.78	28.85	2.49	0.00	2.49
26.30	2.78	0.00	2.78	28.90	2.49	0.00	2.49
26.35	2.77	0.00	2.77	28.95	2.48	0.00	2.48
26.40	2.77	0.00	2.77	29.00	2.48	0.00	2.48
26.45	2.76	0.00	2.76	29.05	2.47	0.00	2.47
26.50	2.75	0.00	2.75	29.10	2.46	0.00	2.46
26.55	2.75	0.00	2.75	29.15	2.46	0.00	2.46
26.60	2.74	0.00	2.74	29.20	2.45	0.00	2.45
26.65	2.74	0.00	2.74	29.25	2.45	0.00	2.45
26.70	2.73	0.00	2.73	29.30	2.44	0.00	2.44
26.75	2.73	0.00	2.73	29.35	2.44	0.00	2.44
26.80	2.72	0.00	2.72	29.40	2.43	0.00	2.43
26.85	2.72	0.00	2.72	29.45	2.42	0.00	2.42
26.90	2.71	0.00	2.71	29.50	2.42	0.00	2.42
26.95	2.70	0.00	2.70	29.55	2.41	0.00	2.41
27.00	2.70	0.00	2.70	29.60	2.41	0.00	2.41
27.05	2.69	0.00	2.69	29.65	2.40	0.00	2.40
27.10	2.69	0.00	2.69	29.70	2.40	0.00	2.40
27.15	2.68	0.00	2.68	29.75	2.39	0.00	2.39
27.20	2.68	0.00	2.68	29.80	2.39	0.00	2.39
27.25	2.67	0.00	2.67	29.85	2.38	0.00	2.38
27.30	2.67	0.00	2.67	29.90	2.37	0.00	2.37
27.35	2.66	0.00	2.66	29.95	2.37	0.00	2.37
27.40	2.66	0.00	2.66	30.00	2.36	0.00	2.36
27.45	2.65	0.00	2.65	30.05	2.36	0.00	2.36
27.50	2.64	0.00	2.64	30.10	2.35	0.00	2.35
27.55	2.64	0.00	2.64	30.15	2.35	0.00	2.35
27.60	2.63	0.00	2.63	30.20	2.34	0.00	2.34
27.65	2.63	0.00	2.63	30.25	2.33	0.00	2.33
27.70	2.62	0.00	2.62	30.30	2.33	0.00	2.33
27.75	2.62	0.00	2.62	30.35	2.32	0.00	2.32
27.80	2.61	0.00	2.61	30.40	2.32	0.00	2.32
27.85	2.61	0.00	2.61	30.45	2.31	0.00	2.31
27.90	2.60	0.00	2.60	30.50	2.30	0.00	2.30
27.95	2.59	0.00	2.59	30.55	2.30	0.00	2.30
28.00	2.59	0.00	2.59	30.60	2.29	0.00	2.29
28.05	2.58	0.00	2.58	30.65	2.29	0.00	2.29
28.10	2.58	0.00	2.58	30.70	2.28	0.00	2.28
28.15	2.57	0.00	2.57	30.75	2.28	0.00	2.28
28.20	2.57	0.00	2.57	30.80	2.27	0.00	2.27
28.25	2.56	0.00	2.56	30.85	2.26	0.00	2.26
28.30	2.55	0.00	2.55	30.90	2.26	0.00	2.26
28.35	2.55	0.00	2.55	30.95	2.25	0.00	2.25
28.40	2.54	0.00	2.54	31.00	2.25	0.00	2.25
28.45	2.54	0.00	2.54	31.05	2.24	0.00	2.24
28.50	2.53	0.00	2.53	31.10	2.24	0.00	2.24
28.55	2.53	0.00	2.53	31.15	2.23	0.00	2.23

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.22	0.00	2.22	33.80	1.93	0.00	1.93
31.25	2.22	0.00	2.22	33.85	1.92	0.00	1.92
31.30	2.21	0.00	2.21	33.90	1.92	0.00	1.92
31.35	2.21	0.00	2.21	33.95	1.91	0.00	1.91
31.40	2.20	0.00	2.20	34.00	1.91	0.00	1.91
31.45	2.20	0.00	2.20	34.05	1.90	0.00	1.90
31.50	2.19	0.00	2.19	34.10	1.90	0.00	1.90
31.55	2.18	0.00	2.18	34.15	1.89	0.00	1.89
31.60	2.18	0.00	2.18	34.20	1.89	0.00	1.89
31.65	2.17	0.00	2.17	34.25	1.88	0.00	1.88
31.70	2.17	0.00	2.17	34.30	1.87	0.00	1.87
31.75	2.16	0.00	2.16	34.35	1.87	0.00	1.87
31.80	2.16	0.00	2.16	34.40	1.86	0.00	1.86
31.85	2.15	0.00	2.15	34.45	1.86	0.00	1.86
31.90	2.14	0.00	2.14	34.50	1.85	0.00	1.85
31.95	2.14	0.00	2.14	34.55	1.85	0.00	1.85
32.00	2.13	0.00	2.13	34.60	1.84	0.00	1.84
32.05	2.13	0.00	2.13	34.65	1.83	0.00	1.83
32.10	2.12	0.00	2.12	34.70	1.83	0.00	1.83
32.15	2.12	0.00	2.12	34.75	1.82	0.00	1.82
32.20	2.11	0.00	2.11	34.80	1.82	0.00	1.82
32.25	2.10	0.00	2.10	34.85	1.81	0.00	1.81
32.30	2.10	0.00	2.10	34.90	1.81	0.00	1.81
32.35	2.09	0.00	2.09	34.95	1.80	0.00	1.80
32.40	2.09	0.00	2.09	35.00	1.79	0.00	1.79
32.45	2.08	0.00	2.08	35.05	1.79	0.00	1.79
32.50	2.08	0.00	2.08	35.10	1.78	0.00	1.78
32.55	2.07	0.00	2.07	35.15	1.78	0.00	1.78
32.60	2.07	0.00	2.07	35.20	1.77	0.00	1.77
32.65	2.06	0.00	2.06	35.25	1.77	0.00	1.77
32.70	2.05	0.00	2.05	35.30	1.76	0.00	1.76
32.75	2.05	0.00	2.05	35.35	1.76	0.00	1.76
32.80	2.04	0.00	2.04	35.40	1.75	0.00	1.75
32.85	2.04	0.00	2.04	35.45	1.75	0.00	1.75
32.90	2.03	0.00	2.03	35.50	1.74	0.00	1.74
32.95	2.03	0.00	2.03	35.55	1.73	0.00	1.73
33.00	2.02	0.00	2.02	35.60	1.73	0.00	1.73
33.05	2.01	0.00	2.01	35.65	1.72	0.00	1.72
33.10	2.01	0.00	2.01	35.70	1.72	0.00	1.72
33.15	2.00	0.00	2.00	35.75	1.71	0.00	1.71
33.20	2.00	0.00	2.00	35.80	1.71	0.00	1.71
33.25	1.99	0.00	1.99	35.85	1.70	0.00	1.70
33.30	1.99	0.00	1.99	35.90	1.70	0.00	1.70
33.35	1.98	0.00	1.98	35.95	1.69	0.00	1.69
33.40	1.97	0.00	1.97	36.00	1.69	0.00	1.69
33.45	1.97	0.00	1.97	36.05	1.68	0.00	1.68
33.50	1.96	0.00	1.96	36.10	1.68	0.00	1.68
33.55	1.96	0.00	1.96	36.15	1.67	0.00	1.67
33.60	1.95	0.00	1.95	36.20	1.67	0.00	1.67
33.65	1.95	0.00	1.95	36.25	1.66	0.00	1.66
33.70	1.94	0.00	1.94	36.30	1.66	0.00	1.66
33.75	1.94	0.00	1.94	36.35	1.65	0.00	1.65

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	1.65	0.00	1.65	39.00	1.40	0.00	1.40
36.45	1.64	0.00	1.64	39.05	1.39	0.00	1.39
36.50	1.64	0.00	1.64	39.10	1.39	0.00	1.39
36.55	1.63	0.00	1.63	39.15	1.38	0.00	1.38
36.60	1.63	0.00	1.63	39.20	1.38	0.00	1.38
36.65	1.62	0.00	1.62	39.25	1.37	0.00	1.37
36.70	1.62	0.00	1.62	39.30	1.37	0.00	1.37
36.75	1.61	0.00	1.61	39.35	1.36	0.00	1.36
36.80	1.61	0.00	1.61	39.40	1.36	0.00	1.36
36.85	1.60	0.00	1.60	39.45	1.36	0.00	1.36
36.90	1.60	0.00	1.60	39.50	1.35	0.00	1.35
36.95	1.59	0.00	1.59	39.55	1.35	0.00	1.35
37.00	1.59	0.00	1.59	39.60	1.34	0.00	1.34
37.05	1.58	0.00	1.58	39.65	1.34	0.00	1.34
37.10	1.58	0.00	1.58	39.70	1.33	0.00	1.33
37.15	1.57	0.00	1.57	39.75	1.33	0.00	1.33
37.20	1.57	0.00	1.57	39.80	1.32	0.00	1.32
37.25	1.56	0.00	1.56	39.85	1.32	0.00	1.32
37.30	1.56	0.00	1.56	39.90	1.32	0.00	1.32
37.35	1.55	0.00	1.55	39.95	1.31	0.00	1.31
37.40	1.55	0.00	1.55	40.00	1.31	0.00	1.31
37.45	1.54	0.00	1.54				
37.50	1.54	0.00	1.54				
37.55	1.53	0.00	1.53				
37.60	1.53	0.00	1.53				
37.65	1.52	0.00	1.52				
37.70	1.52	0.00	1.52				
37.75	1.51	0.00	1.51				
37.80	1.51	0.00	1.51				
37.85	1.50	0.00	1.50				
37.90	1.50	0.00	1.50				
37.95	1.50	0.00	1.50				
38.00	1.49	0.00	1.49				
38.05	1.49	0.00	1.49				
38.10	1.48	0.00	1.48				
38.15	1.48	0.00	1.48				
38.20	1.47	0.00	1.47				
38.25	1.47	0.00	1.47				
38.30	1.46	0.00	1.46				
38.35	1.46	0.00	1.46				
38.40	1.45	0.00	1.45				
38.45	1.45	0.00	1.45				
38.50	1.44	0.00	1.44				
38.55	1.44	0.00	1.44				
38.60	1.43	0.00	1.43				
38.65	1.43	0.00	1.43				
38.70	1.42	0.00	1.42				
38.75	1.42	0.00	1.42				
38.80	1.42	0.00	1.42				
38.85	1.41	0.00	1.41				
38.90	1.41	0.00	1.41				
38.95	1.40	0.00	1.40				

Summary for Subcatchment 1I: PDA-1 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-1 : Basin #1

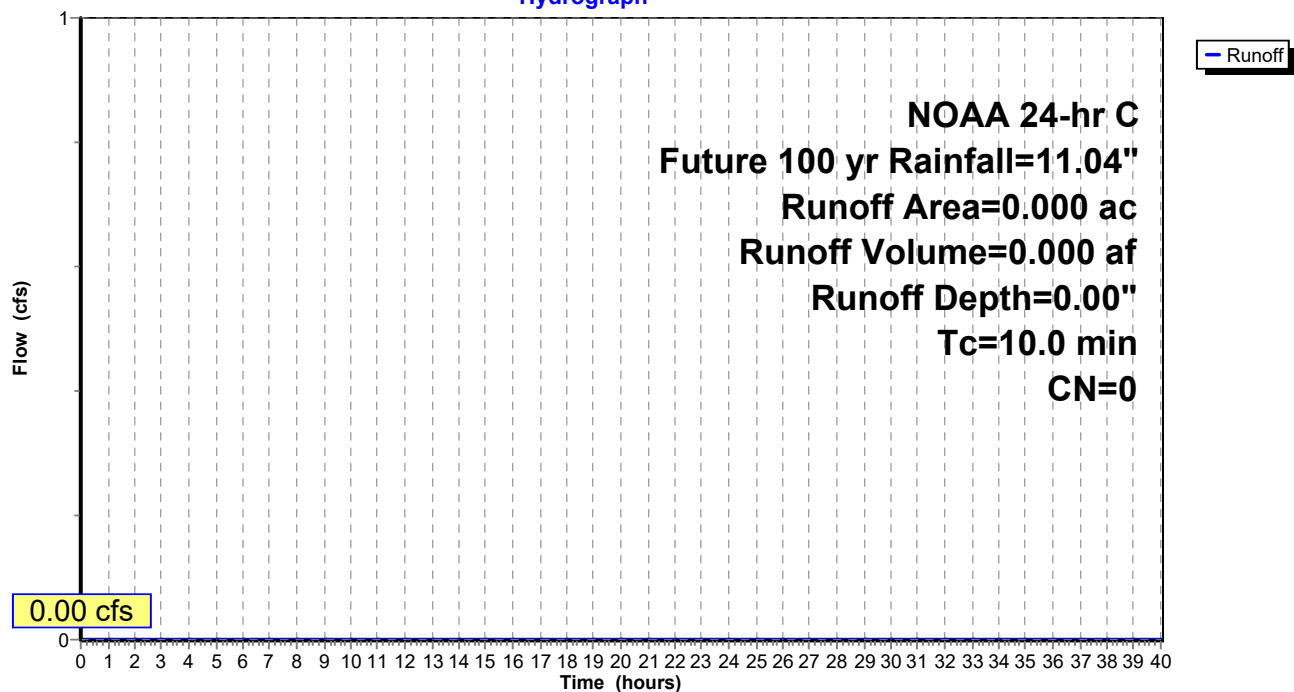
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 1I: PDA-1 (impervious)

Hydrograph



Hydrograph for Subcatchment 1I: PDA-1 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.00	0.00
5.25	0.74	0.00	0.00	7.85	1.28	0.00	0.00
5.30	0.75	0.00	0.00	7.90	1.30	0.00	0.00
5.35	0.76	0.00	0.00	7.95	1.31	0.00	0.00
5.40	0.77	0.00	0.00	8.00	1.32	0.00	0.00
5.45	0.78	0.00	0.00	8.05	1.34	0.00	0.00
5.50	0.79	0.00	0.00	8.10	1.35	0.00	0.00
5.55	0.80	0.00	0.00	8.15	1.36	0.00	0.00
5.60	0.80	0.00	0.00	8.20	1.38	0.00	0.00
5.65	0.81	0.00	0.00	8.25	1.39	0.00	0.00
5.70	0.82	0.00	0.00	8.30	1.40	0.00	0.00
5.75	0.83	0.00	0.00	8.35	1.42	0.00	0.00
5.80	0.84	0.00	0.00	8.40	1.43	0.00	0.00
5.85	0.85	0.00	0.00	8.45	1.45	0.00	0.00
5.90	0.86	0.00	0.00	8.50	1.46	0.00	0.00
5.95	0.87	0.00	0.00	8.55	1.48	0.00	0.00
6.00	0.87	0.00	0.00	8.60	1.49	0.00	0.00
6.05	0.88	0.00	0.00	8.65	1.51	0.00	0.00
6.10	0.89	0.00	0.00	8.70	1.52	0.00	0.00
6.15	0.90	0.00	0.00	8.75	1.54	0.00	0.00
6.20	0.91	0.00	0.00	8.80	1.55	0.00	0.00
6.25	0.92	0.00	0.00	8.85	1.57	0.00	0.00
6.30	0.93	0.00	0.00	8.90	1.58	0.00	0.00
6.35	0.94	0.00	0.00	8.95	1.60	0.00	0.00
6.40	0.95	0.00	0.00	9.00	1.61	0.00	0.00
6.45	0.96	0.00	0.00	9.05	1.63	0.00	0.00
6.50	0.97	0.00	0.00	9.10	1.64	0.00	0.00
6.55	0.98	0.00	0.00	9.15	1.66	0.00	0.00
6.60	0.99	0.00	0.00	9.20	1.68	0.00	0.00
6.65	1.00	0.00	0.00	9.25	1.70	0.00	0.00
6.70	1.01	0.00	0.00	9.30	1.72	0.00	0.00
6.75	1.02	0.00	0.00	9.35	1.73	0.00	0.00
6.80	1.03	0.00	0.00	9.40	1.75	0.00	0.00
6.85	1.04	0.00	0.00	9.45	1.77	0.00	0.00
6.90	1.05	0.00	0.00	9.50	1.79	0.00	0.00
6.95	1.07	0.00	0.00	9.55	1.81	0.00	0.00
7.00	1.08	0.00	0.00	9.60	1.83	0.00	0.00
7.05	1.09	0.00	0.00	9.65	1.85	0.00	0.00
7.10	1.10	0.00	0.00	9.70	1.88	0.00	0.00
7.15	1.11	0.00	0.00	9.75	1.90	0.00	0.00
7.20	1.12	0.00	0.00	9.80	1.92	0.00	0.00
7.25	1.13	0.00	0.00	9.85	1.94	0.00	0.00
7.30	1.15	0.00	0.00	9.90	1.97	0.00	0.00
7.35	1.16	0.00	0.00	9.95	1.99	0.00	0.00
7.40	1.17	0.00	0.00	10.00	2.01	0.00	0.00
7.45	1.18	0.00	0.00	10.05	2.04	0.00	0.00
7.50	1.19	0.00	0.00	10.10	2.06	0.00	0.00
7.55	1.21	0.00	0.00	10.15	2.09	0.00	0.00
7.60	1.22	0.00	0.00	10.20	2.11	0.00	0.00
7.65	1.23	0.00	0.00	10.25	2.14	0.00	0.00
7.70	1.24	0.00	0.00	10.30	2.17	0.00	0.00
7.75	1.26	0.00	0.00	10.35	2.19	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.00	0.00	13.00	8.39	0.00	0.00
10.45	2.25	0.00	0.00	13.05	8.43	0.00	0.00
10.50	2.28	0.00	0.00	13.10	8.48	0.00	0.00
10.55	2.31	0.00	0.00	13.15	8.52	0.00	0.00
10.60	2.34	0.00	0.00	13.20	8.56	0.00	0.00
10.65	2.37	0.00	0.00	13.25	8.60	0.00	0.00
10.70	2.41	0.00	0.00	13.30	8.63	0.00	0.00
10.75	2.44	0.00	0.00	13.35	8.67	0.00	0.00
10.80	2.48	0.00	0.00	13.40	8.70	0.00	0.00
10.85	2.52	0.00	0.00	13.45	8.73	0.00	0.00
10.90	2.56	0.00	0.00	13.50	8.76	0.00	0.00
10.95	2.61	0.00	0.00	13.55	8.79	0.00	0.00
11.00	2.65	0.00	0.00	13.60	8.82	0.00	0.00
11.05	2.70	0.00	0.00	13.65	8.85	0.00	0.00
11.10	2.75	0.00	0.00	13.70	8.87	0.00	0.00
11.15	2.80	0.00	0.00	13.75	8.90	0.00	0.00
11.20	2.86	0.00	0.00	13.80	8.93	0.00	0.00
11.25	2.92	0.00	0.00	13.85	8.95	0.00	0.00
11.30	2.98	0.00	0.00	13.90	8.98	0.00	0.00
11.35	3.05	0.00	0.00	13.95	9.00	0.00	0.00
11.40	3.12	0.00	0.00	14.00	9.03	0.00	0.00
11.45	3.19	0.00	0.00	14.05	9.05	0.00	0.00
11.50	3.26	0.00	0.00	14.10	9.07	0.00	0.00
11.55	3.37	0.00	0.00	14.15	9.10	0.00	0.00
11.60	3.49	0.00	0.00	14.20	9.12	0.00	0.00
11.65	3.60	0.00	0.00	14.25	9.14	0.00	0.00
11.70	3.72	0.00	0.00	14.30	9.16	0.00	0.00
11.75	3.88	0.00	0.00	14.35	9.19	0.00	0.00
11.80	4.04	0.00	0.00	14.40	9.21	0.00	0.00
11.85	4.27	0.00	0.00	14.45	9.23	0.00	0.00
11.90	4.49	0.00	0.00	14.50	9.25	0.00	0.00
11.95	4.88	0.00	0.00	14.55	9.27	0.00	0.00
12.00	5.26	0.00	0.00	14.60	9.29	0.00	0.00
12.05	5.91	0.00	0.00	14.65	9.31	0.00	0.00
12.10	6.55	0.00	0.00	14.70	9.32	0.00	0.00
12.15	6.77	0.00	0.00	14.75	9.34	0.00	0.00
12.20	7.00	0.00	0.00	14.80	9.36	0.00	0.00
12.25	7.16	0.00	0.00	14.85	9.38	0.00	0.00
12.30	7.32	0.00	0.00	14.90	9.40	0.00	0.00
12.35	7.44	0.00	0.00	14.95	9.41	0.00	0.00
12.40	7.55	0.00	0.00	15.00	9.43	0.00	0.00
12.45	7.67	0.00	0.00	15.05	9.44	0.00	0.00
12.50	7.78	0.00	0.00	15.10	9.46	0.00	0.00
12.55	7.85	0.00	0.00	15.15	9.47	0.00	0.00
12.60	7.92	0.00	0.00	15.20	9.49	0.00	0.00
12.65	7.99	0.00	0.00	15.25	9.50	0.00	0.00
12.70	8.06	0.00	0.00	15.30	9.52	0.00	0.00
12.75	8.12	0.00	0.00	15.35	9.53	0.00	0.00
12.80	8.18	0.00	0.00	15.40	9.55	0.00	0.00
12.85	8.24	0.00	0.00	15.45	9.56	0.00	0.00
12.90	8.29	0.00	0.00	15.50	9.58	0.00	0.00
12.95	8.34	0.00	0.00	15.55	9.59	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	0.00	0.00	18.20	10.20	0.00	0.00
15.65	9.62	0.00	0.00	18.25	10.21	0.00	0.00
15.70	9.64	0.00	0.00	18.30	10.22	0.00	0.00
15.75	9.65	0.00	0.00	18.35	10.23	0.00	0.00
15.80	9.66	0.00	0.00	18.40	10.24	0.00	0.00
15.85	9.68	0.00	0.00	18.45	10.24	0.00	0.00
15.90	9.69	0.00	0.00	18.50	10.25	0.00	0.00
15.95	9.70	0.00	0.00	18.55	10.26	0.00	0.00
16.00	9.72	0.00	0.00	18.60	10.27	0.00	0.00
16.05	9.73	0.00	0.00	18.65	10.28	0.00	0.00
16.10	9.74	0.00	0.00	18.70	10.29	0.00	0.00
16.15	9.76	0.00	0.00	18.75	10.30	0.00	0.00
16.20	9.77	0.00	0.00	18.80	10.30	0.00	0.00
16.25	9.78	0.00	0.00	18.85	10.31	0.00	0.00
16.30	9.80	0.00	0.00	18.90	10.32	0.00	0.00
16.35	9.81	0.00	0.00	18.95	10.33	0.00	0.00
16.40	9.82	0.00	0.00	19.00	10.34	0.00	0.00
16.45	9.83	0.00	0.00	19.05	10.35	0.00	0.00
16.50	9.85	0.00	0.00	19.10	10.35	0.00	0.00
16.55	9.86	0.00	0.00	19.15	10.36	0.00	0.00
16.60	9.87	0.00	0.00	19.20	10.37	0.00	0.00
16.65	9.88	0.00	0.00	19.25	10.38	0.00	0.00
16.70	9.89	0.00	0.00	19.30	10.39	0.00	0.00
16.75	9.91	0.00	0.00	19.35	10.40	0.00	0.00
16.80	9.92	0.00	0.00	19.40	10.40	0.00	0.00
16.85	9.93	0.00	0.00	19.45	10.41	0.00	0.00
16.90	9.94	0.00	0.00	19.50	10.42	0.00	0.00
16.95	9.95	0.00	0.00	19.55	10.43	0.00	0.00
17.00	9.96	0.00	0.00	19.60	10.44	0.00	0.00
17.05	9.97	0.00	0.00	19.65	10.44	0.00	0.00
17.10	9.99	0.00	0.00	19.70	10.45	0.00	0.00
17.15	10.00	0.00	0.00	19.75	10.46	0.00	0.00
17.20	10.01	0.00	0.00	19.80	10.47	0.00	0.00
17.25	10.02	0.00	0.00	19.85	10.48	0.00	0.00
17.30	10.03	0.00	0.00	19.90	10.48	0.00	0.00
17.35	10.04	0.00	0.00	19.95	10.49	0.00	0.00
17.40	10.05	0.00	0.00	20.00	10.50	0.00	0.00
17.45	10.06	0.00	0.00	20.05	10.51	0.00	0.00
17.50	10.07	0.00	0.00	20.10	10.52	0.00	0.00
17.55	10.08	0.00	0.00	20.15	10.52	0.00	0.00
17.60	10.09	0.00	0.00	20.20	10.53	0.00	0.00
17.65	10.10	0.00	0.00	20.25	10.54	0.00	0.00
17.70	10.11	0.00	0.00	20.30	10.55	0.00	0.00
17.75	10.12	0.00	0.00	20.35	10.55	0.00	0.00
17.80	10.13	0.00	0.00	20.40	10.56	0.00	0.00
17.85	10.14	0.00	0.00	20.45	10.57	0.00	0.00
17.90	10.15	0.00	0.00	20.50	10.58	0.00	0.00
17.95	10.16	0.00	0.00	20.55	10.58	0.00	0.00
18.00	10.17	0.00	0.00	20.60	10.59	0.00	0.00
18.05	10.17	0.00	0.00	20.65	10.60	0.00	0.00
18.10	10.18	0.00	0.00	20.70	10.61	0.00	0.00
18.15	10.19	0.00	0.00	20.75	10.61	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	0.00	0.00	23.40	10.97	0.00	0.00
20.85	10.63	0.00	0.00	23.45	10.97	0.00	0.00
20.90	10.64	0.00	0.00	23.50	10.98	0.00	0.00
20.95	10.64	0.00	0.00	23.55	10.99	0.00	0.00
21.00	10.65	0.00	0.00	23.60	10.99	0.00	0.00
21.05	10.66	0.00	0.00	23.65	11.00	0.00	0.00
21.10	10.66	0.00	0.00	23.70	11.00	0.00	0.00
21.15	10.67	0.00	0.00	23.75	11.01	0.00	0.00
21.20	10.68	0.00	0.00	23.80	11.01	0.00	0.00
21.25	10.69	0.00	0.00	23.85	11.02	0.00	0.00
21.30	10.69	0.00	0.00	23.90	11.03	0.00	0.00
21.35	10.70	0.00	0.00	23.95	11.03	0.00	0.00
21.40	10.71	0.00	0.00	24.00	11.04	0.00	0.00
21.45	10.71	0.00	0.00	24.05	11.04	0.00	0.00
21.50	10.72	0.00	0.00	24.10	11.04	0.00	0.00
21.55	10.73	0.00	0.00	24.15	11.04	0.00	0.00
21.60	10.74	0.00	0.00	24.20	11.04	0.00	0.00
21.65	10.74	0.00	0.00	24.25	11.04	0.00	0.00
21.70	10.75	0.00	0.00	24.30	11.04	0.00	0.00
21.75	10.76	0.00	0.00	24.35	11.04	0.00	0.00
21.80	10.76	0.00	0.00	24.40	11.04	0.00	0.00
21.85	10.77	0.00	0.00	24.45	11.04	0.00	0.00
21.90	10.78	0.00	0.00	24.50	11.04	0.00	0.00
21.95	10.78	0.00	0.00	24.55	11.04	0.00	0.00
22.00	10.79	0.00	0.00	24.60	11.04	0.00	0.00
22.05	10.80	0.00	0.00	24.65	11.04	0.00	0.00
22.10	10.80	0.00	0.00	24.70	11.04	0.00	0.00
22.15	10.81	0.00	0.00	24.75	11.04	0.00	0.00
22.20	10.82	0.00	0.00	24.80	11.04	0.00	0.00
22.25	10.82	0.00	0.00	24.85	11.04	0.00	0.00
22.30	10.83	0.00	0.00	24.90	11.04	0.00	0.00
22.35	10.84	0.00	0.00	24.95	11.04	0.00	0.00
22.40	10.84	0.00	0.00	25.00	11.04	0.00	0.00
22.45	10.85	0.00	0.00	25.05	11.04	0.00	0.00
22.50	10.86	0.00	0.00	25.10	11.04	0.00	0.00
22.55	10.86	0.00	0.00	25.15	11.04	0.00	0.00
22.60	10.87	0.00	0.00	25.20	11.04	0.00	0.00
22.65	10.88	0.00	0.00	25.25	11.04	0.00	0.00
22.70	10.88	0.00	0.00	25.30	11.04	0.00	0.00
22.75	10.89	0.00	0.00	25.35	11.04	0.00	0.00
22.80	10.89	0.00	0.00	25.40	11.04	0.00	0.00
22.85	10.90	0.00	0.00	25.45	11.04	0.00	0.00
22.90	10.91	0.00	0.00	25.50	11.04	0.00	0.00
22.95	10.91	0.00	0.00	25.55	11.04	0.00	0.00
23.00	10.92	0.00	0.00	25.60	11.04	0.00	0.00
23.05	10.93	0.00	0.00	25.65	11.04	0.00	0.00
23.10	10.93	0.00	0.00	25.70	11.04	0.00	0.00
23.15	10.94	0.00	0.00	25.75	11.04	0.00	0.00
23.20	10.94	0.00	0.00	25.80	11.04	0.00	0.00
23.25	10.95	0.00	0.00	25.85	11.04	0.00	0.00
23.30	10.96	0.00	0.00	25.90	11.04	0.00	0.00
23.35	10.96	0.00	0.00	25.95	11.04	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	0.00	0.00	28.60	11.04	0.00	0.00
26.05	11.04	0.00	0.00	28.65	11.04	0.00	0.00
26.10	11.04	0.00	0.00	28.70	11.04	0.00	0.00
26.15	11.04	0.00	0.00	28.75	11.04	0.00	0.00
26.20	11.04	0.00	0.00	28.80	11.04	0.00	0.00
26.25	11.04	0.00	0.00	28.85	11.04	0.00	0.00
26.30	11.04	0.00	0.00	28.90	11.04	0.00	0.00
26.35	11.04	0.00	0.00	28.95	11.04	0.00	0.00
26.40	11.04	0.00	0.00	29.00	11.04	0.00	0.00
26.45	11.04	0.00	0.00	29.05	11.04	0.00	0.00
26.50	11.04	0.00	0.00	29.10	11.04	0.00	0.00
26.55	11.04	0.00	0.00	29.15	11.04	0.00	0.00
26.60	11.04	0.00	0.00	29.20	11.04	0.00	0.00
26.65	11.04	0.00	0.00	29.25	11.04	0.00	0.00
26.70	11.04	0.00	0.00	29.30	11.04	0.00	0.00
26.75	11.04	0.00	0.00	29.35	11.04	0.00	0.00
26.80	11.04	0.00	0.00	29.40	11.04	0.00	0.00
26.85	11.04	0.00	0.00	29.45	11.04	0.00	0.00
26.90	11.04	0.00	0.00	29.50	11.04	0.00	0.00
26.95	11.04	0.00	0.00	29.55	11.04	0.00	0.00
27.00	11.04	0.00	0.00	29.60	11.04	0.00	0.00
27.05	11.04	0.00	0.00	29.65	11.04	0.00	0.00
27.10	11.04	0.00	0.00	29.70	11.04	0.00	0.00
27.15	11.04	0.00	0.00	29.75	11.04	0.00	0.00
27.20	11.04	0.00	0.00	29.80	11.04	0.00	0.00
27.25	11.04	0.00	0.00	29.85	11.04	0.00	0.00
27.30	11.04	0.00	0.00	29.90	11.04	0.00	0.00
27.35	11.04	0.00	0.00	29.95	11.04	0.00	0.00
27.40	11.04	0.00	0.00	30.00	11.04	0.00	0.00
27.45	11.04	0.00	0.00	30.05	11.04	0.00	0.00
27.50	11.04	0.00	0.00	30.10	11.04	0.00	0.00
27.55	11.04	0.00	0.00	30.15	11.04	0.00	0.00
27.60	11.04	0.00	0.00	30.20	11.04	0.00	0.00
27.65	11.04	0.00	0.00	30.25	11.04	0.00	0.00
27.70	11.04	0.00	0.00	30.30	11.04	0.00	0.00
27.75	11.04	0.00	0.00	30.35	11.04	0.00	0.00
27.80	11.04	0.00	0.00	30.40	11.04	0.00	0.00
27.85	11.04	0.00	0.00	30.45	11.04	0.00	0.00
27.90	11.04	0.00	0.00	30.50	11.04	0.00	0.00
27.95	11.04	0.00	0.00	30.55	11.04	0.00	0.00
28.00	11.04	0.00	0.00	30.60	11.04	0.00	0.00
28.05	11.04	0.00	0.00	30.65	11.04	0.00	0.00
28.10	11.04	0.00	0.00	30.70	11.04	0.00	0.00
28.15	11.04	0.00	0.00	30.75	11.04	0.00	0.00
28.20	11.04	0.00	0.00	30.80	11.04	0.00	0.00
28.25	11.04	0.00	0.00	30.85	11.04	0.00	0.00
28.30	11.04	0.00	0.00	30.90	11.04	0.00	0.00
28.35	11.04	0.00	0.00	30.95	11.04	0.00	0.00
28.40	11.04	0.00	0.00	31.00	11.04	0.00	0.00
28.45	11.04	0.00	0.00	31.05	11.04	0.00	0.00
28.50	11.04	0.00	0.00	31.10	11.04	0.00	0.00
28.55	11.04	0.00	0.00	31.15	11.04	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	0.00	0.00	33.80	11.04	0.00	0.00
31.25	11.04	0.00	0.00	33.85	11.04	0.00	0.00
31.30	11.04	0.00	0.00	33.90	11.04	0.00	0.00
31.35	11.04	0.00	0.00	33.95	11.04	0.00	0.00
31.40	11.04	0.00	0.00	34.00	11.04	0.00	0.00
31.45	11.04	0.00	0.00	34.05	11.04	0.00	0.00
31.50	11.04	0.00	0.00	34.10	11.04	0.00	0.00
31.55	11.04	0.00	0.00	34.15	11.04	0.00	0.00
31.60	11.04	0.00	0.00	34.20	11.04	0.00	0.00
31.65	11.04	0.00	0.00	34.25	11.04	0.00	0.00
31.70	11.04	0.00	0.00	34.30	11.04	0.00	0.00
31.75	11.04	0.00	0.00	34.35	11.04	0.00	0.00
31.80	11.04	0.00	0.00	34.40	11.04	0.00	0.00
31.85	11.04	0.00	0.00	34.45	11.04	0.00	0.00
31.90	11.04	0.00	0.00	34.50	11.04	0.00	0.00
31.95	11.04	0.00	0.00	34.55	11.04	0.00	0.00
32.00	11.04	0.00	0.00	34.60	11.04	0.00	0.00
32.05	11.04	0.00	0.00	34.65	11.04	0.00	0.00
32.10	11.04	0.00	0.00	34.70	11.04	0.00	0.00
32.15	11.04	0.00	0.00	34.75	11.04	0.00	0.00
32.20	11.04	0.00	0.00	34.80	11.04	0.00	0.00
32.25	11.04	0.00	0.00	34.85	11.04	0.00	0.00
32.30	11.04	0.00	0.00	34.90	11.04	0.00	0.00
32.35	11.04	0.00	0.00	34.95	11.04	0.00	0.00
32.40	11.04	0.00	0.00	35.00	11.04	0.00	0.00
32.45	11.04	0.00	0.00	35.05	11.04	0.00	0.00
32.50	11.04	0.00	0.00	35.10	11.04	0.00	0.00
32.55	11.04	0.00	0.00	35.15	11.04	0.00	0.00
32.60	11.04	0.00	0.00	35.20	11.04	0.00	0.00
32.65	11.04	0.00	0.00	35.25	11.04	0.00	0.00
32.70	11.04	0.00	0.00	35.30	11.04	0.00	0.00
32.75	11.04	0.00	0.00	35.35	11.04	0.00	0.00
32.80	11.04	0.00	0.00	35.40	11.04	0.00	0.00
32.85	11.04	0.00	0.00	35.45	11.04	0.00	0.00
32.90	11.04	0.00	0.00	35.50	11.04	0.00	0.00
32.95	11.04	0.00	0.00	35.55	11.04	0.00	0.00
33.00	11.04	0.00	0.00	35.60	11.04	0.00	0.00
33.05	11.04	0.00	0.00	35.65	11.04	0.00	0.00
33.10	11.04	0.00	0.00	35.70	11.04	0.00	0.00
33.15	11.04	0.00	0.00	35.75	11.04	0.00	0.00
33.20	11.04	0.00	0.00	35.80	11.04	0.00	0.00
33.25	11.04	0.00	0.00	35.85	11.04	0.00	0.00
33.30	11.04	0.00	0.00	35.90	11.04	0.00	0.00
33.35	11.04	0.00	0.00	35.95	11.04	0.00	0.00
33.40	11.04	0.00	0.00	36.00	11.04	0.00	0.00
33.45	11.04	0.00	0.00	36.05	11.04	0.00	0.00
33.50	11.04	0.00	0.00	36.10	11.04	0.00	0.00
33.55	11.04	0.00	0.00	36.15	11.04	0.00	0.00
33.60	11.04	0.00	0.00	36.20	11.04	0.00	0.00
33.65	11.04	0.00	0.00	36.25	11.04	0.00	0.00
33.70	11.04	0.00	0.00	36.30	11.04	0.00	0.00
33.75	11.04	0.00	0.00	36.35	11.04	0.00	0.00

Hydrograph for Subcatchment 1I: PDA-1 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	0.00	0.00	39.00	11.04	0.00	0.00
36.45	11.04	0.00	0.00	39.05	11.04	0.00	0.00
36.50	11.04	0.00	0.00	39.10	11.04	0.00	0.00
36.55	11.04	0.00	0.00	39.15	11.04	0.00	0.00
36.60	11.04	0.00	0.00	39.20	11.04	0.00	0.00
36.65	11.04	0.00	0.00	39.25	11.04	0.00	0.00
36.70	11.04	0.00	0.00	39.30	11.04	0.00	0.00
36.75	11.04	0.00	0.00	39.35	11.04	0.00	0.00
36.80	11.04	0.00	0.00	39.40	11.04	0.00	0.00
36.85	11.04	0.00	0.00	39.45	11.04	0.00	0.00
36.90	11.04	0.00	0.00	39.50	11.04	0.00	0.00
36.95	11.04	0.00	0.00	39.55	11.04	0.00	0.00
37.00	11.04	0.00	0.00	39.60	11.04	0.00	0.00
37.05	11.04	0.00	0.00	39.65	11.04	0.00	0.00
37.10	11.04	0.00	0.00	39.70	11.04	0.00	0.00
37.15	11.04	0.00	0.00	39.75	11.04	0.00	0.00
37.20	11.04	0.00	0.00	39.80	11.04	0.00	0.00
37.25	11.04	0.00	0.00	39.85	11.04	0.00	0.00
37.30	11.04	0.00	0.00	39.90	11.04	0.00	0.00
37.35	11.04	0.00	0.00	39.95	11.04	0.00	0.00
37.40	11.04	0.00	0.00	40.00	11.04	0.00	0.00
37.45	11.04	0.00	0.00				
37.50	11.04	0.00	0.00				
37.55	11.04	0.00	0.00				
37.60	11.04	0.00	0.00				
37.65	11.04	0.00	0.00				
37.70	11.04	0.00	0.00				
37.75	11.04	0.00	0.00				
37.80	11.04	0.00	0.00				
37.85	11.04	0.00	0.00				
37.90	11.04	0.00	0.00				
37.95	11.04	0.00	0.00				
38.00	11.04	0.00	0.00				
38.05	11.04	0.00	0.00				
38.10	11.04	0.00	0.00				
38.15	11.04	0.00	0.00				
38.20	11.04	0.00	0.00				
38.25	11.04	0.00	0.00				
38.30	11.04	0.00	0.00				
38.35	11.04	0.00	0.00				
38.40	11.04	0.00	0.00				
38.45	11.04	0.00	0.00				
38.50	11.04	0.00	0.00				
38.55	11.04	0.00	0.00				
38.60	11.04	0.00	0.00				
38.65	11.04	0.00	0.00				
38.70	11.04	0.00	0.00				
38.75	11.04	0.00	0.00				
38.80	11.04	0.00	0.00				
38.85	11.04	0.00	0.00				
38.90	11.04	0.00	0.00				
38.95	11.04	0.00	0.00				

Summary for Subcatchment 1P: PDA-1 (pervious)

Runoff = 7.41 cfs @ 12.17 hrs, Volume= 0.571 af, Depth= 7.72"
Routed to Pond B-1 : Basin #1

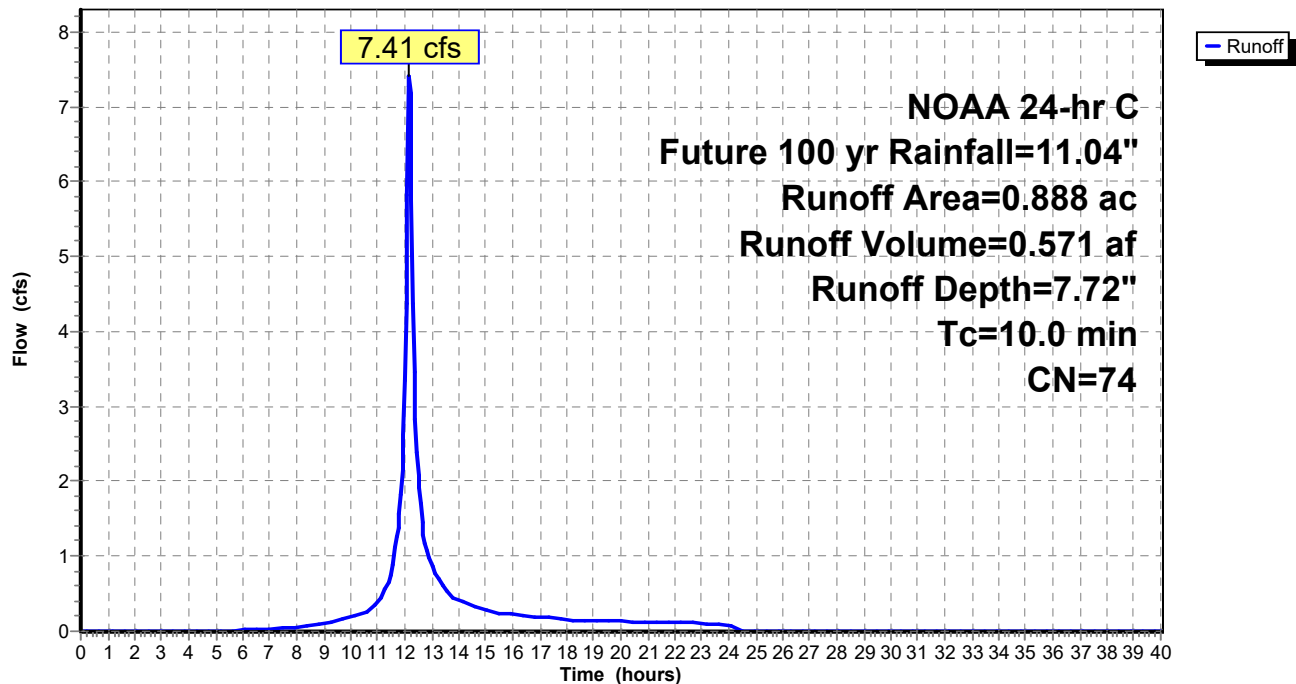
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.888	74	>75% Grass cover, Good, HSG C
0.888		100.00% Pervious Area

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

Subcatchment 1P: PDA-1 (pervious)

Hydrograph



Hydrograph for Subcatchment 1P: PDA-1 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.06
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.06
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.07
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.07
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.08
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.08
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.09
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.09
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.10
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.10
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.11
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.12
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.13
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.13
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.14
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.14
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.15
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.15
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.16
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.16
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.17
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.17
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.18
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.19
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.19
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.20
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.20
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.21
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.21
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.22
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.23

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.23	13.00	8.39	5.28	0.90
10.45	2.25	0.47	0.24	13.05	8.43	5.32	0.85
10.50	2.28	0.49	0.25	13.10	8.48	5.36	0.81
10.55	2.31	0.50	0.25	13.15	8.52	5.39	0.76
10.60	2.34	0.52	0.26	13.20	8.56	5.43	0.72
10.65	2.37	0.54	0.28	13.25	8.60	5.46	0.69
10.70	2.41	0.56	0.29	13.30	8.63	5.50	0.66
10.75	2.44	0.58	0.31	13.35	8.67	5.53	0.64
10.80	2.48	0.60	0.33	13.40	8.70	5.56	0.61
10.85	2.52	0.62	0.35	13.45	8.73	5.59	0.58
10.90	2.56	0.64	0.37	13.50	8.76	5.61	0.56
10.95	2.61	0.67	0.39	13.55	8.79	5.64	0.53
11.00	2.65	0.69	0.41	13.60	8.82	5.67	0.51
11.05	2.70	0.72	0.43	13.65	8.85	5.69	0.48
11.10	2.75	0.75	0.46	13.70	8.87	5.71	0.47
11.15	2.80	0.79	0.49	13.75	8.90	5.74	0.45
11.20	2.86	0.82	0.53	13.80	8.93	5.76	0.44
11.25	2.92	0.86	0.56	13.85	8.95	5.79	0.44
11.30	2.98	0.90	0.60	13.90	8.98	5.81	0.43
11.35	3.05	0.94	0.64	13.95	9.00	5.83	0.42
11.40	3.12	0.98	0.69	14.00	9.03	5.85	0.42
11.45	3.19	1.03	0.73	14.05	9.05	5.88	0.41
11.50	3.26	1.08	0.77	14.10	9.07	5.90	0.40
11.55	3.37	1.15	0.82	14.15	9.10	5.92	0.40
11.60	3.49	1.23	0.94	14.20	9.12	5.94	0.39
11.65	3.60	1.31	1.12	14.25	9.14	5.96	0.38
11.70	3.72	1.39	1.27	14.30	9.16	5.98	0.38
11.75	3.88	1.51	1.39	14.35	9.19	6.00	0.37
11.80	4.04	1.63	1.56	14.40	9.21	6.02	0.36
11.85	4.27	1.79	1.81	14.45	9.23	6.04	0.36
11.90	4.49	1.96	2.16	14.50	9.25	6.06	0.35
11.95	4.88	2.27	2.61	14.55	9.27	6.07	0.34
12.00	5.26	2.57	3.35	14.60	9.29	6.09	0.34
12.05	5.91	3.11	4.37	14.65	9.31	6.11	0.33
12.10	6.55	3.65	5.83	14.70	9.32	6.13	0.32
12.15	6.77	3.85	7.26	14.75	9.34	6.14	0.32
12.20	7.00	4.04	7.18	14.80	9.36	6.16	0.31
12.25	7.16	4.18	5.76	14.85	9.38	6.17	0.30
12.30	7.32	4.32	4.38	14.90	9.40	6.19	0.30
12.35	7.44	4.43	3.47	14.95	9.41	6.21	0.29
12.40	7.55	4.53	2.83	15.00	9.43	6.22	0.28
12.45	7.67	4.63	2.38	15.05	9.44	6.23	0.28
12.50	7.78	4.73	2.09	15.10	9.46	6.25	0.27
12.55	7.85	4.79	1.91	15.15	9.47	6.26	0.26
12.60	7.92	4.86	1.70	15.20	9.49	6.28	0.26
12.65	7.99	4.92	1.46	15.25	9.50	6.29	0.25
12.70	8.06	4.98	1.28	15.30	9.52	6.30	0.25
12.75	8.12	5.03	1.18	15.35	9.53	6.32	0.25
12.80	8.18	5.09	1.11	15.40	9.55	6.33	0.25
12.85	8.24	5.14	1.05	15.45	9.56	6.34	0.25
12.90	8.29	5.19	1.00	15.50	9.58	6.36	0.24
12.95	8.34	5.23	0.95	15.55	9.59	6.37	0.24

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.24	18.20	10.20	6.93	0.15
15.65	9.62	6.40	0.24	18.25	10.21	6.94	0.15
15.70	9.64	6.41	0.24	18.30	10.22	6.95	0.15
15.75	9.65	6.42	0.24	18.35	10.23	6.96	0.15
15.80	9.66	6.44	0.23	18.40	10.24	6.97	0.15
15.85	9.68	6.45	0.23	18.45	10.24	6.97	0.15
15.90	9.69	6.46	0.23	18.50	10.25	6.98	0.14
15.95	9.70	6.47	0.23	18.55	10.26	6.99	0.14
16.00	9.72	6.49	0.23	18.60	10.27	7.00	0.14
16.05	9.73	6.50	0.22	18.65	10.28	7.01	0.14
16.10	9.74	6.51	0.22	18.70	10.29	7.01	0.14
16.15	9.76	6.52	0.22	18.75	10.30	7.02	0.14
16.20	9.77	6.54	0.22	18.80	10.30	7.03	0.14
16.25	9.78	6.55	0.22	18.85	10.31	7.04	0.14
16.30	9.80	6.56	0.22	18.90	10.32	7.04	0.14
16.35	9.81	6.57	0.21	18.95	10.33	7.05	0.14
16.40	9.82	6.58	0.21	19.00	10.34	7.06	0.14
16.45	9.83	6.59	0.21	19.05	10.35	7.07	0.14
16.50	9.85	6.60	0.21	19.10	10.35	7.08	0.14
16.55	9.86	6.62	0.21	19.15	10.36	7.08	0.14
16.60	9.87	6.63	0.20	19.20	10.37	7.09	0.14
16.65	9.88	6.64	0.20	19.25	10.38	7.10	0.14
16.70	9.89	6.65	0.20	19.30	10.39	7.11	0.14
16.75	9.91	6.66	0.20	19.35	10.40	7.11	0.14
16.80	9.92	6.67	0.20	19.40	10.40	7.12	0.14
16.85	9.93	6.68	0.20	19.45	10.41	7.13	0.14
16.90	9.94	6.69	0.19	19.50	10.42	7.14	0.14
16.95	9.95	6.70	0.19	19.55	10.43	7.14	0.14
17.00	9.96	6.71	0.19	19.60	10.44	7.15	0.14
17.05	9.97	6.72	0.19	19.65	10.44	7.16	0.13
17.10	9.99	6.73	0.19	19.70	10.45	7.17	0.13
17.15	10.00	6.74	0.19	19.75	10.46	7.17	0.13
17.20	10.01	6.75	0.18	19.80	10.47	7.18	0.13
17.25	10.02	6.76	0.18	19.85	10.48	7.19	0.13
17.30	10.03	6.77	0.18	19.90	10.48	7.20	0.13
17.35	10.04	6.78	0.18	19.95	10.49	7.20	0.13
17.40	10.05	6.79	0.18	20.00	10.50	7.21	0.13
17.45	10.06	6.80	0.17	20.05	10.51	7.22	0.13
17.50	10.07	6.81	0.17	20.10	10.52	7.23	0.13
17.55	10.08	6.82	0.17	20.15	10.52	7.23	0.13
17.60	10.09	6.83	0.17	20.20	10.53	7.24	0.13
17.65	10.10	6.84	0.17	20.25	10.54	7.25	0.13
17.70	10.11	6.85	0.17	20.30	10.55	7.25	0.13
17.75	10.12	6.86	0.16	20.35	10.55	7.26	0.13
17.80	10.13	6.87	0.16	20.40	10.56	7.27	0.13
17.85	10.14	6.87	0.16	20.45	10.57	7.28	0.13
17.90	10.15	6.88	0.16	20.50	10.58	7.28	0.13
17.95	10.16	6.89	0.16	20.55	10.58	7.29	0.13
18.00	10.17	6.90	0.15	20.60	10.59	7.30	0.13
18.05	10.17	6.91	0.15	20.65	10.60	7.30	0.13
18.10	10.18	6.92	0.15	20.70	10.61	7.31	0.13
18.15	10.19	6.92	0.15	20.75	10.61	7.32	0.13

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.12	23.40	10.97	7.65	0.10
20.85	10.63	7.33	0.12	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.12	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.12	23.55	10.99	7.66	0.10
21.00	10.65	7.35	0.12	23.60	10.99	7.67	0.10
21.05	10.66	7.36	0.12	23.65	11.00	7.67	0.10
21.10	10.66	7.36	0.12	23.70	11.00	7.68	0.10
21.15	10.67	7.37	0.12	23.75	11.01	7.69	0.10
21.20	10.68	7.38	0.12	23.80	11.01	7.69	0.10
21.25	10.69	7.38	0.12	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.12	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.12	24.00	11.04	7.72	0.10
21.45	10.71	7.41	0.12	24.05	11.04	7.72	0.10
21.50	10.72	7.42	0.12	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.12	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.12	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.12	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.12	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.12	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.12	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.12	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.11	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.11	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.11	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.11	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.11	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.11	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.11	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.11	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.11	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.11	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.11	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.11	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.11	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.11	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.11	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.11	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.11	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.11	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.11	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.10	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.10	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.10	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.10	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.10	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.10	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.10	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.10	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 1P: PDA-1 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 2I: PDA-2 (impervious)

Runoff = 7.31 cfs @ 12.17 hrs, Volume= 0.652 af, Depth=10.80"
 Routed to Pond B-2 : Basin #2

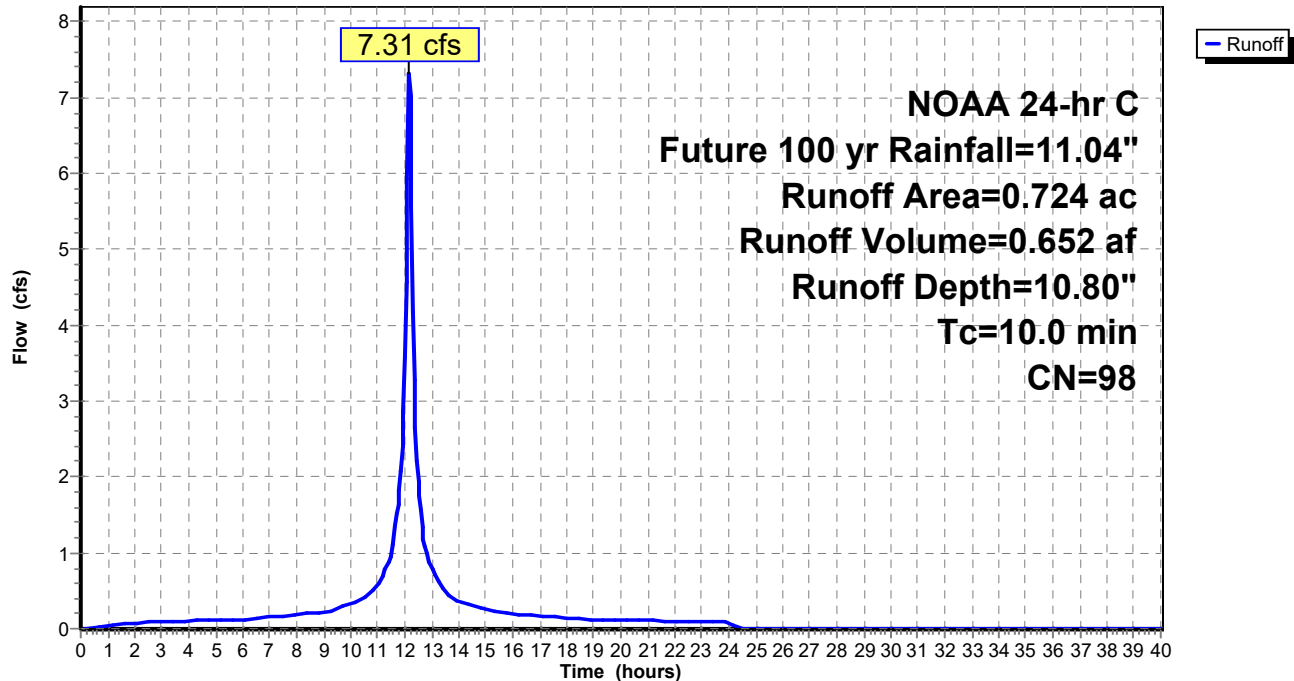
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.490	98	Roof, HSG C
* 0.196	98	Pavement, HSG C
* 0.038	98	Concrete, HSG C
0.724	98	Weighted Average
0.724		100.00% Impervious Area

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

Subcatchment 2I: PDA-2 (impervious)

Hydrograph



Hydrograph for Subcatchment 2I: PDA-2 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.08
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.08
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.08
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.09
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.09
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.09
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.09
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.09
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.09
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.09
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.09
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.09
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.09
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.10
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.10
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.10
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.10
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.10
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.10
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.10
1.35	0.16	0.05	0.05	3.95	0.53	0.35	0.10
1.40	0.17	0.05	0.05	4.00	0.54	0.35	0.10
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.10
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.10
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.10
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.10
1.65	0.20	0.07	0.06	4.25	0.58	0.39	0.11
1.70	0.21	0.08	0.06	4.30	0.59	0.40	0.11
1.75	0.22	0.08	0.06	4.35	0.60	0.41	0.11
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.11
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.11
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.11
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.11
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.11
2.05	0.26	0.11	0.07	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.07	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.07	4.75	0.66	0.47	0.11
2.20	0.28	0.13	0.07	4.80	0.67	0.47	0.11
2.25	0.28	0.13	0.08	4.85	0.68	0.48	0.11
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.11
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.11
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.11
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.11
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.11
2.55	0.33	0.17	0.08	5.15	0.73	0.53	0.12

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.12	7.80	1.27	1.05	0.18
5.25	0.74	0.55	0.12	7.85	1.28	1.07	0.18
5.30	0.75	0.55	0.12	7.90	1.30	1.08	0.18
5.35	0.76	0.56	0.12	7.95	1.31	1.09	0.19
5.40	0.77	0.57	0.12	8.00	1.32	1.11	0.19
5.45	0.78	0.58	0.12	8.05	1.34	1.12	0.19
5.50	0.79	0.59	0.12	8.10	1.35	1.13	0.19
5.55	0.80	0.59	0.12	8.15	1.36	1.15	0.19
5.60	0.80	0.60	0.12	8.20	1.38	1.16	0.19
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.19
5.70	0.82	0.62	0.12	8.30	1.40	1.19	0.20
5.75	0.83	0.63	0.12	8.35	1.42	1.20	0.20
5.80	0.84	0.64	0.12	8.40	1.43	1.21	0.20
5.85	0.85	0.64	0.12	8.45	1.45	1.23	0.20
5.90	0.86	0.65	0.12	8.50	1.46	1.24	0.20
5.95	0.87	0.66	0.12	8.55	1.48	1.26	0.20
6.00	0.87	0.67	0.12	8.60	1.49	1.27	0.21
6.05	0.88	0.68	0.12	8.65	1.51	1.29	0.21
6.10	0.89	0.69	0.13	8.70	1.52	1.30	0.21
6.15	0.90	0.70	0.13	8.75	1.54	1.32	0.21
6.20	0.91	0.71	0.13	8.80	1.55	1.33	0.21
6.25	0.92	0.71	0.13	8.85	1.57	1.35	0.21
6.30	0.93	0.72	0.13	8.90	1.58	1.36	0.22
6.35	0.94	0.73	0.13	8.95	1.60	1.38	0.22
6.40	0.95	0.74	0.13	9.00	1.61	1.39	0.22
6.45	0.96	0.75	0.14	9.05	1.63	1.41	0.22
6.50	0.97	0.76	0.14	9.10	1.64	1.42	0.22
6.55	0.98	0.77	0.14	9.15	1.66	1.44	0.23
6.60	0.99	0.78	0.14	9.20	1.68	1.46	0.23
6.65	1.00	0.79	0.14	9.25	1.70	1.47	0.24
6.70	1.01	0.80	0.14	9.30	1.72	1.49	0.25
6.75	1.02	0.81	0.15	9.35	1.73	1.51	0.25
6.80	1.03	0.82	0.15	9.40	1.75	1.53	0.26
6.85	1.04	0.83	0.15	9.45	1.77	1.55	0.26
6.90	1.05	0.84	0.15	9.50	1.79	1.57	0.27
6.95	1.07	0.85	0.15	9.55	1.81	1.59	0.28
7.00	1.08	0.87	0.15	9.60	1.83	1.61	0.28
7.05	1.09	0.88	0.16	9.65	1.85	1.63	0.29
7.10	1.10	0.89	0.16	9.70	1.88	1.65	0.29
7.15	1.11	0.90	0.16	9.75	1.90	1.67	0.30
7.20	1.12	0.91	0.16	9.80	1.92	1.69	0.31
7.25	1.13	0.92	0.16	9.85	1.94	1.72	0.31
7.30	1.15	0.93	0.16	9.90	1.97	1.74	0.32
7.35	1.16	0.94	0.17	9.95	1.99	1.76	0.33
7.40	1.17	0.96	0.17	10.00	2.01	1.79	0.33
7.45	1.18	0.97	0.17	10.05	2.04	1.81	0.34
7.50	1.19	0.98	0.17	10.10	2.06	1.84	0.34
7.55	1.21	0.99	0.17	10.15	2.09	1.86	0.35
7.60	1.22	1.00	0.17	10.20	2.11	1.89	0.36
7.65	1.23	1.02	0.18	10.25	2.14	1.91	0.36
7.70	1.24	1.03	0.18	10.30	2.17	1.94	0.37
7.75	1.26	1.04	0.18	10.35	2.19	1.97	0.37

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.38	13.00	8.39	8.15	0.82
10.45	2.25	2.02	0.39	13.05	8.43	8.19	0.77
10.50	2.28	2.05	0.39	13.10	8.48	8.24	0.73
10.55	2.31	2.08	0.40	13.15	8.52	8.28	0.69
10.60	2.34	2.11	0.41	13.20	8.56	8.32	0.65
10.65	2.37	2.14	0.43	13.25	8.60	8.36	0.62
10.70	2.41	2.18	0.45	13.30	8.63	8.39	0.60
10.75	2.44	2.21	0.47	13.35	8.67	8.43	0.57
10.80	2.48	2.25	0.50	13.40	8.70	8.46	0.55
10.85	2.52	2.29	0.52	13.45	8.73	8.49	0.53
10.90	2.56	2.33	0.54	13.50	8.76	8.52	0.50
10.95	2.61	2.38	0.56	13.55	8.79	8.55	0.48
11.00	2.65	2.42	0.59	13.60	8.82	8.58	0.46
11.05	2.70	2.47	0.61	13.65	8.85	8.61	0.43
11.10	2.75	2.52	0.64	13.70	8.87	8.63	0.42
11.15	2.80	2.57	0.68	13.75	8.90	8.66	0.41
11.20	2.86	2.63	0.72	13.80	8.93	8.69	0.40
11.25	2.92	2.69	0.76	13.85	8.95	8.71	0.39
11.30	2.98	2.75	0.80	13.90	8.98	8.74	0.38
11.35	3.05	2.82	0.85	13.95	9.00	8.76	0.38
11.40	3.12	2.89	0.89	14.00	9.03	8.79	0.37
11.45	3.19	2.96	0.93	14.05	9.05	8.81	0.37
11.50	3.26	3.03	0.97	14.10	9.07	8.83	0.36
11.55	3.37	3.14	1.03	14.15	9.10	8.86	0.35
11.60	3.49	3.25	1.16	14.20	9.12	8.88	0.35
11.65	3.60	3.37	1.36	14.25	9.14	8.90	0.34
11.70	3.72	3.49	1.51	14.30	9.16	8.92	0.34
11.75	3.88	3.65	1.63	14.35	9.19	8.95	0.33
11.80	4.04	3.81	1.81	14.40	9.21	8.97	0.32
11.85	4.27	4.03	2.07	14.45	9.23	8.99	0.32
11.90	4.49	4.25	2.41	14.50	9.25	9.01	0.31
11.95	4.88	4.64	2.86	14.55	9.27	9.03	0.31
12.00	5.26	5.02	3.59	14.60	9.29	9.05	0.30
12.05	5.91	5.67	4.57	14.65	9.31	9.07	0.29
12.10	6.55	6.31	5.93	14.70	9.32	9.08	0.29
12.15	6.77	6.53	7.21	14.75	9.34	9.10	0.28
12.20	7.00	6.76	7.01	14.80	9.36	9.12	0.27
12.25	7.16	6.92	5.55	14.85	9.38	9.14	0.27
12.30	7.32	7.08	4.18	14.90	9.40	9.15	0.26
12.35	7.44	7.20	3.28	14.95	9.41	9.17	0.26
12.40	7.55	7.31	2.66	15.00	9.43	9.19	0.25
12.45	7.67	7.43	2.22	15.05	9.44	9.20	0.24
12.50	7.78	7.54	1.94	15.10	9.46	9.22	0.24
12.55	7.85	7.61	1.76	15.15	9.47	9.23	0.23
12.60	7.92	7.68	1.56	15.20	9.49	9.25	0.23
12.65	7.99	7.75	1.34	15.25	9.50	9.26	0.23
12.70	8.06	7.82	1.17	15.30	9.52	9.28	0.22
12.75	8.12	7.88	1.08	15.35	9.53	9.29	0.22
12.80	8.18	7.94	1.01	15.40	9.55	9.31	0.22
12.85	8.24	8.00	0.96	15.45	9.56	9.32	0.22
12.90	8.29	8.05	0.91	15.50	9.58	9.34	0.22
12.95	8.34	8.10	0.86	15.55	9.59	9.35	0.21

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.21	18.20	10.20	9.96	0.13
15.65	9.62	9.38	0.21	18.25	10.21	9.97	0.13
15.70	9.64	9.39	0.21	18.30	10.22	9.98	0.13
15.75	9.65	9.41	0.21	18.35	10.23	9.99	0.13
15.80	9.66	9.42	0.21	18.40	10.24	9.99	0.13
15.85	9.68	9.44	0.20	18.45	10.24	10.00	0.13
15.90	9.69	9.45	0.20	18.50	10.25	10.01	0.13
15.95	9.70	9.46	0.20	18.55	10.26	10.02	0.13
16.00	9.72	9.48	0.20	18.60	10.27	10.03	0.13
16.05	9.73	9.49	0.20	18.65	10.28	10.04	0.13
16.10	9.74	9.50	0.20	18.70	10.29	10.05	0.13
16.15	9.76	9.52	0.20	18.75	10.30	10.05	0.13
16.20	9.77	9.53	0.19	18.80	10.30	10.06	0.12
16.25	9.78	9.54	0.19	18.85	10.31	10.07	0.12
16.30	9.80	9.55	0.19	18.90	10.32	10.08	0.12
16.35	9.81	9.57	0.19	18.95	10.33	10.09	0.12
16.40	9.82	9.58	0.19	19.00	10.34	10.10	0.12
16.45	9.83	9.59	0.19	19.05	10.35	10.11	0.12
16.50	9.85	9.60	0.18	19.10	10.35	10.11	0.12
16.55	9.86	9.62	0.18	19.15	10.36	10.12	0.12
16.60	9.87	9.63	0.18	19.20	10.37	10.13	0.12
16.65	9.88	9.64	0.18	19.25	10.38	10.14	0.12
16.70	9.89	9.65	0.18	19.30	10.39	10.15	0.12
16.75	9.91	9.66	0.18	19.35	10.40	10.15	0.12
16.80	9.92	9.68	0.17	19.40	10.40	10.16	0.12
16.85	9.93	9.69	0.17	19.45	10.41	10.17	0.12
16.90	9.94	9.70	0.17	19.50	10.42	10.18	0.12
16.95	9.95	9.71	0.17	19.55	10.43	10.19	0.12
17.00	9.96	9.72	0.17	19.60	10.44	10.20	0.12
17.05	9.97	9.73	0.17	19.65	10.44	10.20	0.12
17.10	9.99	9.74	0.17	19.70	10.45	10.21	0.12
17.15	10.00	9.76	0.16	19.75	10.46	10.22	0.12
17.20	10.01	9.77	0.16	19.80	10.47	10.23	0.12
17.25	10.02	9.78	0.16	19.85	10.48	10.24	0.12
17.30	10.03	9.79	0.16	19.90	10.48	10.24	0.12
17.35	10.04	9.80	0.16	19.95	10.49	10.25	0.12
17.40	10.05	9.81	0.16	20.00	10.50	10.26	0.12
17.45	10.06	9.82	0.15	20.05	10.51	10.27	0.11
17.50	10.07	9.83	0.15	20.10	10.52	10.27	0.11
17.55	10.08	9.84	0.15	20.15	10.52	10.28	0.11
17.60	10.09	9.85	0.15	20.20	10.53	10.29	0.11
17.65	10.10	9.86	0.15	20.25	10.54	10.30	0.11
17.70	10.11	9.87	0.15	20.30	10.55	10.31	0.11
17.75	10.12	9.88	0.14	20.35	10.55	10.31	0.11
17.80	10.13	9.89	0.14	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.14	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.14	20.50	10.58	10.34	0.11
17.95	10.16	9.92	0.14	20.55	10.58	10.34	0.11
18.00	10.17	9.92	0.14	20.60	10.59	10.35	0.11
18.05	10.17	9.93	0.13	20.65	10.60	10.36	0.11
18.10	10.18	9.94	0.13	20.70	10.61	10.37	0.11
18.15	10.19	9.95	0.13	20.75	10.61	10.37	0.11

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.11	23.40	10.97	10.73	0.09
20.85	10.63	10.39	0.11	23.45	10.97	10.73	0.09
20.90	10.64	10.39	0.11	23.50	10.98	10.74	0.09
20.95	10.64	10.40	0.11	23.55	10.99	10.74	0.09
21.00	10.65	10.41	0.11	23.60	10.99	10.75	0.09
21.05	10.66	10.42	0.11	23.65	11.00	10.76	0.09
21.10	10.66	10.42	0.11	23.70	11.00	10.76	0.09
21.15	10.67	10.43	0.11	23.75	11.01	10.77	0.09
21.20	10.68	10.44	0.11	23.80	11.01	10.77	0.09
21.25	10.69	10.45	0.11	23.85	11.02	10.78	0.08
21.30	10.69	10.45	0.10	23.90	11.03	10.78	0.08
21.35	10.70	10.46	0.10	23.95	11.03	10.79	0.08
21.40	10.71	10.47	0.10	24.00	11.04	10.80	0.09
21.45	10.71	10.47	0.10	24.05	11.04	10.80	0.09
21.50	10.72	10.48	0.10	24.10	11.04	10.80	0.07
21.55	10.73	10.49	0.10	24.15	11.04	10.80	0.04
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.10	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.10	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.10	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.10	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.10	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.10	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.10	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.10	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.10	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.10	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.10	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.10	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.10	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.09	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.09	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.09	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.09	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.09	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.09	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.09	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.09	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.09	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.09	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 2I: PDA-2 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 2P: PDA-2 (pervious)

Runoff = 9.77 cfs @ 12.17 hrs, Volume= 0.752 af, Depth= 7.72"
 Routed to Pond B-2 : Basin #2

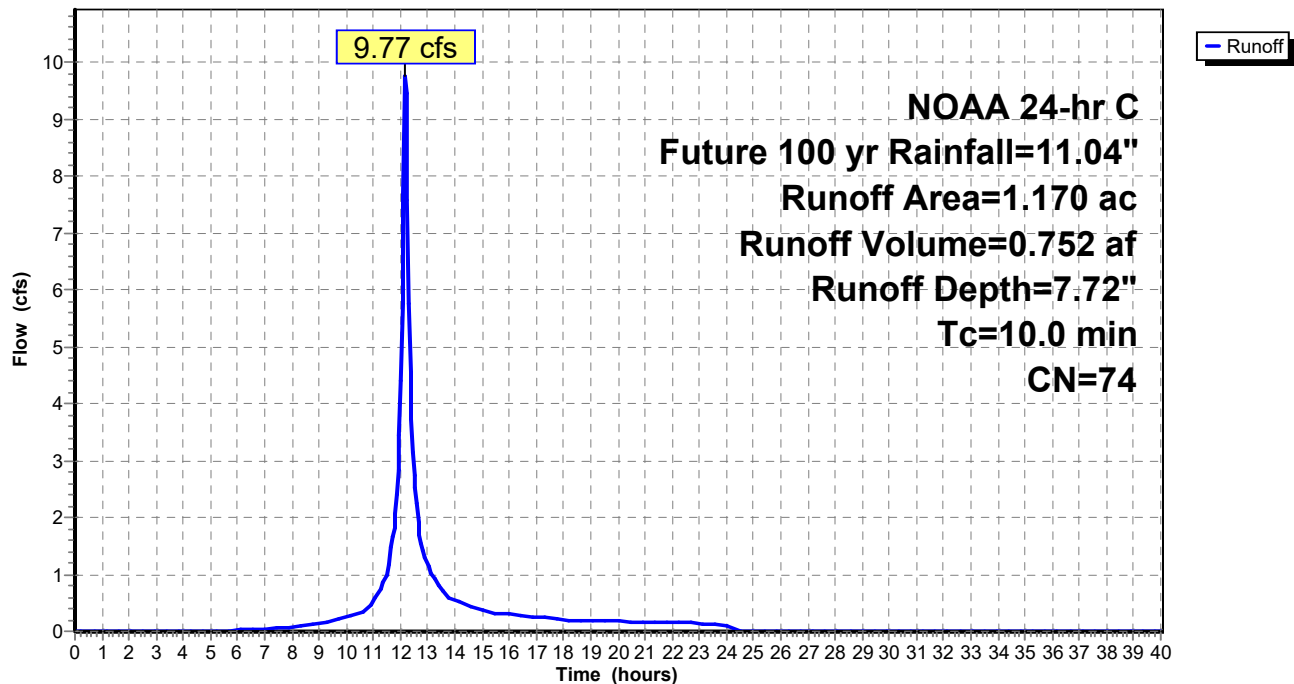
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.170	74	>75% Grass cover, Good, HSG C
1.170		100.00% Pervious Area

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

Subcatchment 2P: PDA-2 (pervious)

Hydrograph



Hydrograph for Subcatchment 2P: PDA-2 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.07
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.08
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.08
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.08
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.08
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.09
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.09
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.09
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.09
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.09
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.10
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.10
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.10
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.10
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.11
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.11
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.11
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.11
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.12
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.12
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.12
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.12
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.13
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.13
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.13
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.13
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.14
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.14
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.15
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.15
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.16
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.17
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.17
6.90	1.05	0.03	0.04	9.50	1.79	0.26	0.18
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.18
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.19
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.20
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.20
7.15	1.11	0.04	0.05	9.75	1.90	0.30	0.21
7.20	1.12	0.04	0.05	9.80	1.92	0.31	0.22
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.22
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.23
7.35	1.16	0.05	0.06	9.95	1.99	0.34	0.24
7.40	1.17	0.05	0.06	10.00	2.01	0.36	0.25
7.45	1.18	0.06	0.06	10.05	2.04	0.37	0.25
7.50	1.19	0.06	0.06	10.10	2.06	0.38	0.26
7.55	1.21	0.06	0.06	10.15	2.09	0.39	0.27
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.27
7.65	1.23	0.07	0.07	10.25	2.14	0.42	0.28
7.70	1.24	0.07	0.07	10.30	2.17	0.43	0.29
7.75	1.26	0.08	0.07	10.35	2.19	0.44	0.30

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.31	13.00	8.39	5.28	1.19
10.45	2.25	0.47	0.31	13.05	8.43	5.32	1.12
10.50	2.28	0.49	0.32	13.10	8.48	5.36	1.06
10.55	2.31	0.50	0.33	13.15	8.52	5.39	1.00
10.60	2.34	0.52	0.35	13.20	8.56	5.43	0.95
10.65	2.37	0.54	0.37	13.25	8.60	5.46	0.91
10.70	2.41	0.56	0.39	13.30	8.63	5.50	0.87
10.75	2.44	0.58	0.41	13.35	8.67	5.53	0.84
10.80	2.48	0.60	0.44	13.40	8.70	5.56	0.80
10.85	2.52	0.62	0.46	13.45	8.73	5.59	0.77
10.90	2.56	0.64	0.49	13.50	8.76	5.61	0.74
10.95	2.61	0.67	0.51	13.55	8.79	5.64	0.70
11.00	2.65	0.69	0.54	13.60	8.82	5.67	0.67
11.05	2.70	0.72	0.57	13.65	8.85	5.69	0.64
11.10	2.75	0.75	0.61	13.70	8.87	5.71	0.61
11.15	2.80	0.79	0.65	13.75	8.90	5.74	0.60
11.20	2.86	0.82	0.70	13.80	8.93	5.76	0.58
11.25	2.92	0.86	0.74	13.85	8.95	5.79	0.57
11.30	2.98	0.90	0.80	13.90	8.98	5.81	0.56
11.35	3.05	0.94	0.85	13.95	9.00	5.83	0.56
11.40	3.12	0.98	0.90	14.00	9.03	5.85	0.55
11.45	3.19	1.03	0.96	14.05	9.05	5.88	0.54
11.50	3.26	1.08	1.01	14.10	9.07	5.90	0.53
11.55	3.37	1.15	1.08	14.15	9.10	5.92	0.52
11.60	3.49	1.23	1.24	14.20	9.12	5.94	0.51
11.65	3.60	1.31	1.47	14.25	9.14	5.96	0.50
11.70	3.72	1.39	1.67	14.30	9.16	5.98	0.49
11.75	3.88	1.51	1.83	14.35	9.19	6.00	0.49
11.80	4.04	1.63	2.06	14.40	9.21	6.02	0.48
11.85	4.27	1.79	2.39	14.45	9.23	6.04	0.47
11.90	4.49	1.96	2.84	14.50	9.25	6.06	0.46
11.95	4.88	2.27	3.44	14.55	9.27	6.07	0.45
12.00	5.26	2.57	4.41	14.60	9.29	6.09	0.44
12.05	5.91	3.11	5.76	14.65	9.31	6.11	0.43
12.10	6.55	3.65	7.68	14.70	9.32	6.13	0.42
12.15	6.77	3.85	9.57	14.75	9.34	6.14	0.42
12.20	7.00	4.04	9.46	14.80	9.36	6.16	0.41
12.25	7.16	4.18	7.58	14.85	9.38	6.17	0.40
12.30	7.32	4.32	5.77	14.90	9.40	6.19	0.39
12.35	7.44	4.43	4.57	14.95	9.41	6.21	0.38
12.40	7.55	4.53	3.73	15.00	9.43	6.22	0.37
12.45	7.67	4.63	3.14	15.05	9.44	6.23	0.36
12.50	7.78	4.73	2.75	15.10	9.46	6.25	0.35
12.55	7.85	4.79	2.51	15.15	9.47	6.26	0.35
12.60	7.92	4.86	2.24	15.20	9.49	6.28	0.34
12.65	7.99	4.92	1.92	15.25	9.50	6.29	0.33
12.70	8.06	4.98	1.69	15.30	9.52	6.30	0.33
12.75	8.12	5.03	1.55	15.35	9.53	6.32	0.33
12.80	8.18	5.09	1.46	15.40	9.55	6.33	0.33
12.85	8.24	5.14	1.38	15.45	9.56	6.34	0.32
12.90	8.29	5.19	1.31	15.50	9.58	6.36	0.32
12.95	8.34	5.23	1.25	15.55	9.59	6.37	0.32

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.32	18.20	10.20	6.93	0.20
15.65	9.62	6.40	0.31	18.25	10.21	6.94	0.19
15.70	9.64	6.41	0.31	18.30	10.22	6.95	0.19
15.75	9.65	6.42	0.31	18.35	10.23	6.96	0.19
15.80	9.66	6.44	0.31	18.40	10.24	6.97	0.19
15.85	9.68	6.45	0.30	18.45	10.24	6.97	0.19
15.90	9.69	6.46	0.30	18.50	10.25	6.98	0.19
15.95	9.70	6.47	0.30	18.55	10.26	6.99	0.19
16.00	9.72	6.49	0.30	18.60	10.27	7.00	0.19
16.05	9.73	6.50	0.30	18.65	10.28	7.01	0.19
16.10	9.74	6.51	0.29	18.70	10.29	7.01	0.19
16.15	9.76	6.52	0.29	18.75	10.30	7.02	0.19
16.20	9.77	6.54	0.29	18.80	10.30	7.03	0.19
16.25	9.78	6.55	0.29	18.85	10.31	7.04	0.19
16.30	9.80	6.56	0.28	18.90	10.32	7.04	0.19
16.35	9.81	6.57	0.28	18.95	10.33	7.05	0.19
16.40	9.82	6.58	0.28	19.00	10.34	7.06	0.19
16.45	9.83	6.59	0.28	19.05	10.35	7.07	0.18
16.50	9.85	6.60	0.27	19.10	10.35	7.08	0.18
16.55	9.86	6.62	0.27	19.15	10.36	7.08	0.18
16.60	9.87	6.63	0.27	19.20	10.37	7.09	0.18
16.65	9.88	6.64	0.27	19.25	10.38	7.10	0.18
16.70	9.89	6.65	0.27	19.30	10.39	7.11	0.18
16.75	9.91	6.66	0.26	19.35	10.40	7.11	0.18
16.80	9.92	6.67	0.26	19.40	10.40	7.12	0.18
16.85	9.93	6.68	0.26	19.45	10.41	7.13	0.18
16.90	9.94	6.69	0.26	19.50	10.42	7.14	0.18
16.95	9.95	6.70	0.25	19.55	10.43	7.14	0.18
17.00	9.96	6.71	0.25	19.60	10.44	7.15	0.18
17.05	9.97	6.72	0.25	19.65	10.44	7.16	0.18
17.10	9.99	6.73	0.25	19.70	10.45	7.17	0.18
17.15	10.00	6.74	0.24	19.75	10.46	7.17	0.18
17.20	10.01	6.75	0.24	19.80	10.47	7.18	0.18
17.25	10.02	6.76	0.24	19.85	10.48	7.19	0.18
17.30	10.03	6.77	0.24	19.90	10.48	7.20	0.18
17.35	10.04	6.78	0.23	19.95	10.49	7.20	0.17
17.40	10.05	6.79	0.23	20.00	10.50	7.21	0.17
17.45	10.06	6.80	0.23	20.05	10.51	7.22	0.17
17.50	10.07	6.81	0.23	20.10	10.52	7.23	0.17
17.55	10.08	6.82	0.23	20.15	10.52	7.23	0.17
17.60	10.09	6.83	0.22	20.20	10.53	7.24	0.17
17.65	10.10	6.84	0.22	20.25	10.54	7.25	0.17
17.70	10.11	6.85	0.22	20.30	10.55	7.25	0.17
17.75	10.12	6.86	0.22	20.35	10.55	7.26	0.17
17.80	10.13	6.87	0.21	20.40	10.56	7.27	0.17
17.85	10.14	6.87	0.21	20.45	10.57	7.28	0.17
17.90	10.15	6.88	0.21	20.50	10.58	7.28	0.17
17.95	10.16	6.89	0.21	20.55	10.58	7.29	0.17
18.00	10.17	6.90	0.20	20.60	10.59	7.30	0.17
18.05	10.17	6.91	0.20	20.65	10.60	7.30	0.17
18.10	10.18	6.92	0.20	20.70	10.61	7.31	0.17
18.15	10.19	6.92	0.20	20.75	10.61	7.32	0.16

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.16	23.40	10.97	7.65	0.13
20.85	10.63	7.33	0.16	23.45	10.97	7.65	0.13
20.90	10.64	7.34	0.16	23.50	10.98	7.66	0.13
20.95	10.64	7.34	0.16	23.55	10.99	7.66	0.13
21.00	10.65	7.35	0.16	23.60	10.99	7.67	0.13
21.05	10.66	7.36	0.16	23.65	11.00	7.67	0.13
21.10	10.66	7.36	0.16	23.70	11.00	7.68	0.13
21.15	10.67	7.37	0.16	23.75	11.01	7.69	0.13
21.20	10.68	7.38	0.16	23.80	11.01	7.69	0.13
21.25	10.69	7.38	0.16	23.85	11.02	7.70	0.13
21.30	10.69	7.39	0.16	23.90	11.03	7.70	0.13
21.35	10.70	7.40	0.16	23.95	11.03	7.71	0.13
21.40	10.71	7.40	0.16	24.00	11.04	7.72	0.13
21.45	10.71	7.41	0.16	24.05	11.04	7.72	0.14
21.50	10.72	7.42	0.16	24.10	11.04	7.72	0.11
21.55	10.73	7.42	0.15	24.15	11.04	7.72	0.07
21.60	10.74	7.43	0.15	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.15	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.15	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.15	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.15	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.15	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.15	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.15	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.15	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.15	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.15	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.15	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.15	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.15	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.15	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.15	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.14	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.14	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.14	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.14	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.14	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.14	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.14	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.14	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.14	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.14	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.14	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.14	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.14	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.14	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.14	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.14	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.14	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.13	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.13	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.13	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 2P: PDA-2 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 3I: PDA-3 (impervious)

Runoff = 6.02 cfs @ 12.17 hrs, Volume= 0.536 af, Depth=10.80"
 Routed to Pond B-3 : Basin #3

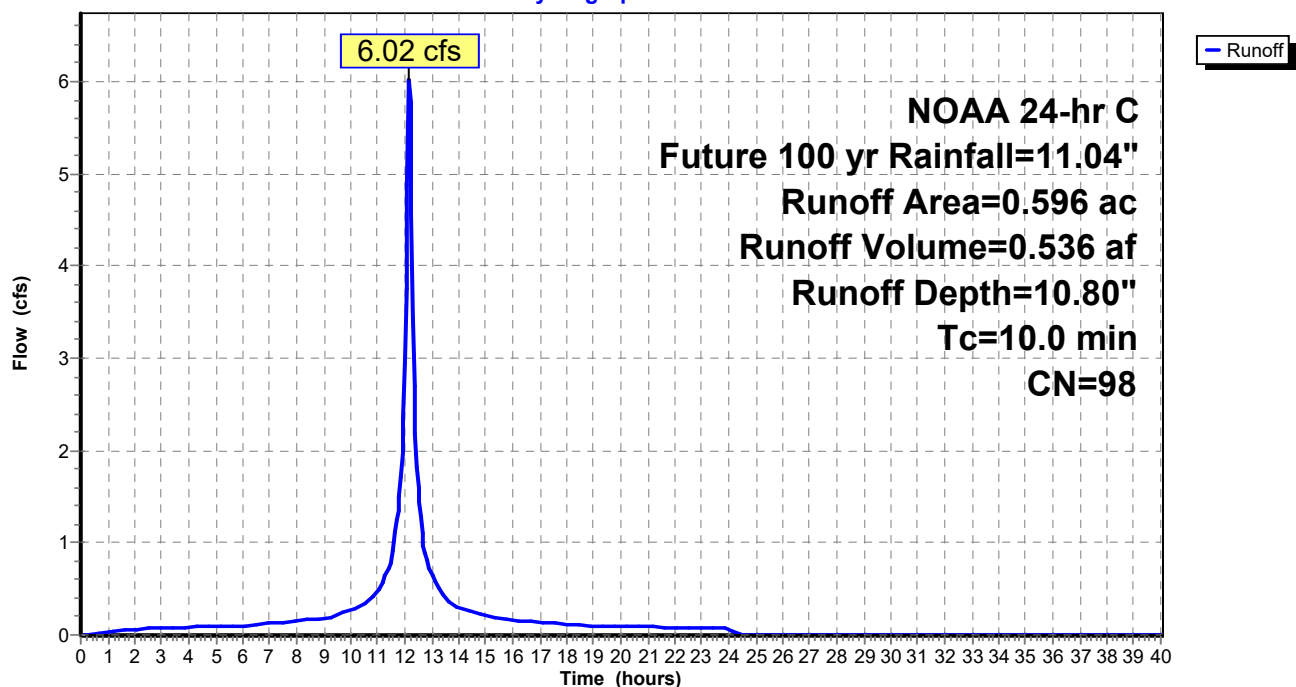
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.304	98	Pavement, HSG C
* 0.035	98	Concrete, HSG C
0.257	98	Unconnected roofs, HSG C
0.596	98	Weighted Average
0.596		100.00% Impervious Area
0.257		43.12% Unconnected

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

Subcatchment 3I: PDA-3 (impervious)

Hydrograph



Hydrograph for Subcatchment 3I: PDA-3 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.07
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.07
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.07
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.07
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.07
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.07
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.07
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.07
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.07
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.07
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.07
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.08
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.08
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.08
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.08
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.08
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.08
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.08
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.08
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.08
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.08
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.08
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.08
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.08
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.08
1.25	0.15	0.04	0.04	3.85	0.52	0.33	0.08
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.08
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.08
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.08
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.08
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.09
1.55	0.19	0.06	0.05	4.15	0.56	0.38	0.09
1.60	0.20	0.07	0.05	4.20	0.57	0.38	0.09
1.65	0.20	0.07	0.05	4.25	0.58	0.39	0.09
1.70	0.21	0.08	0.05	4.30	0.59	0.40	0.09
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.09
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.09
1.85	0.23	0.09	0.05	4.45	0.61	0.42	0.09
1.90	0.24	0.10	0.06	4.50	0.62	0.43	0.09
1.95	0.24	0.10	0.06	4.55	0.63	0.44	0.09
2.00	0.25	0.11	0.06	4.60	0.64	0.44	0.09
2.05	0.26	0.11	0.06	4.65	0.64	0.45	0.09
2.10	0.26	0.12	0.06	4.70	0.65	0.46	0.09
2.15	0.27	0.12	0.06	4.75	0.66	0.47	0.09
2.20	0.28	0.13	0.06	4.80	0.67	0.47	0.09
2.25	0.28	0.13	0.06	4.85	0.68	0.48	0.09
2.30	0.29	0.14	0.06	4.90	0.69	0.49	0.09
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.09
2.40	0.30	0.15	0.07	5.00	0.70	0.51	0.09
2.45	0.31	0.15	0.07	5.05	0.71	0.51	0.09
2.50	0.32	0.16	0.07	5.10	0.72	0.52	0.09
2.55	0.33	0.17	0.07	5.15	0.73	0.53	0.09

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.10	7.80	1.27	1.05	0.15
5.25	0.74	0.55	0.10	7.85	1.28	1.07	0.15
5.30	0.75	0.55	0.10	7.90	1.30	1.08	0.15
5.35	0.76	0.56	0.10	7.95	1.31	1.09	0.15
5.40	0.77	0.57	0.10	8.00	1.32	1.11	0.15
5.45	0.78	0.58	0.10	8.05	1.34	1.12	0.16
5.50	0.79	0.59	0.10	8.10	1.35	1.13	0.16
5.55	0.80	0.59	0.10	8.15	1.36	1.15	0.16
5.60	0.80	0.60	0.10	8.20	1.38	1.16	0.16
5.65	0.81	0.61	0.10	8.25	1.39	1.17	0.16
5.70	0.82	0.62	0.10	8.30	1.40	1.19	0.16
5.75	0.83	0.63	0.10	8.35	1.42	1.20	0.16
5.80	0.84	0.64	0.10	8.40	1.43	1.21	0.16
5.85	0.85	0.64	0.10	8.45	1.45	1.23	0.17
5.90	0.86	0.65	0.10	8.50	1.46	1.24	0.17
5.95	0.87	0.66	0.10	8.55	1.48	1.26	0.17
6.00	0.87	0.67	0.10	8.60	1.49	1.27	0.17
6.05	0.88	0.68	0.10	8.65	1.51	1.29	0.17
6.10	0.89	0.69	0.10	8.70	1.52	1.30	0.17
6.15	0.90	0.70	0.10	8.75	1.54	1.32	0.17
6.20	0.91	0.71	0.11	8.80	1.55	1.33	0.18
6.25	0.92	0.71	0.11	8.85	1.57	1.35	0.18
6.30	0.93	0.72	0.11	8.90	1.58	1.36	0.18
6.35	0.94	0.73	0.11	8.95	1.60	1.38	0.18
6.40	0.95	0.74	0.11	9.00	1.61	1.39	0.18
6.45	0.96	0.75	0.11	9.05	1.63	1.41	0.18
6.50	0.97	0.76	0.11	9.10	1.64	1.42	0.19
6.55	0.98	0.77	0.11	9.15	1.66	1.44	0.19
6.60	0.99	0.78	0.12	9.20	1.68	1.46	0.19
6.65	1.00	0.79	0.12	9.25	1.70	1.47	0.20
6.70	1.01	0.80	0.12	9.30	1.72	1.49	0.20
6.75	1.02	0.81	0.12	9.35	1.73	1.51	0.21
6.80	1.03	0.82	0.12	9.40	1.75	1.53	0.21
6.85	1.04	0.83	0.12	9.45	1.77	1.55	0.22
6.90	1.05	0.84	0.12	9.50	1.79	1.57	0.22
6.95	1.07	0.85	0.13	9.55	1.81	1.59	0.23
7.00	1.08	0.87	0.13	9.60	1.83	1.61	0.23
7.05	1.09	0.88	0.13	9.65	1.85	1.63	0.24
7.10	1.10	0.89	0.13	9.70	1.88	1.65	0.24
7.15	1.11	0.90	0.13	9.75	1.90	1.67	0.25
7.20	1.12	0.91	0.13	9.80	1.92	1.69	0.25
7.25	1.13	0.92	0.13	9.85	1.94	1.72	0.26
7.30	1.15	0.93	0.13	9.90	1.97	1.74	0.26
7.35	1.16	0.94	0.14	9.95	1.99	1.76	0.27
7.40	1.17	0.96	0.14	10.00	2.01	1.79	0.27
7.45	1.18	0.97	0.14	10.05	2.04	1.81	0.28
7.50	1.19	0.98	0.14	10.10	2.06	1.84	0.28
7.55	1.21	0.99	0.14	10.15	2.09	1.86	0.29
7.60	1.22	1.00	0.14	10.20	2.11	1.89	0.29
7.65	1.23	1.02	0.14	10.25	2.14	1.91	0.30
7.70	1.24	1.03	0.15	10.30	2.17	1.94	0.30
7.75	1.26	1.04	0.15	10.35	2.19	1.97	0.31

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.31	13.00	8.39	8.15	0.67
10.45	2.25	2.02	0.32	13.05	8.43	8.19	0.64
10.50	2.28	2.05	0.32	13.10	8.48	8.24	0.60
10.55	2.31	2.08	0.33	13.15	8.52	8.28	0.57
10.60	2.34	2.11	0.34	13.20	8.56	8.32	0.54
10.65	2.37	2.14	0.35	13.25	8.60	8.36	0.51
10.70	2.41	2.18	0.37	13.30	8.63	8.39	0.49
10.75	2.44	2.21	0.39	13.35	8.67	8.43	0.47
10.80	2.48	2.25	0.41	13.40	8.70	8.46	0.45
10.85	2.52	2.29	0.43	13.45	8.73	8.49	0.43
10.90	2.56	2.33	0.45	13.50	8.76	8.52	0.41
10.95	2.61	2.38	0.46	13.55	8.79	8.55	0.39
11.00	2.65	2.42	0.48	13.60	8.82	8.58	0.37
11.05	2.70	2.47	0.50	13.65	8.85	8.61	0.36
11.10	2.75	2.52	0.53	13.70	8.87	8.63	0.34
11.15	2.80	2.57	0.56	13.75	8.90	8.66	0.33
11.20	2.86	2.63	0.59	13.80	8.93	8.69	0.33
11.25	2.92	2.69	0.63	13.85	8.95	8.71	0.32
11.30	2.98	2.75	0.66	13.90	8.98	8.74	0.32
11.35	3.05	2.82	0.70	13.95	9.00	8.76	0.31
11.40	3.12	2.89	0.73	14.00	9.03	8.79	0.31
11.45	3.19	2.96	0.77	14.05	9.05	8.81	0.30
11.50	3.26	3.03	0.80	14.10	9.07	8.83	0.30
11.55	3.37	3.14	0.85	14.15	9.10	8.86	0.29
11.60	3.49	3.25	0.96	14.20	9.12	8.88	0.29
11.65	3.60	3.37	1.12	14.25	9.14	8.90	0.28
11.70	3.72	3.49	1.25	14.30	9.16	8.92	0.28
11.75	3.88	3.65	1.34	14.35	9.19	8.95	0.27
11.80	4.04	3.81	1.49	14.40	9.21	8.97	0.27
11.85	4.27	4.03	1.70	14.45	9.23	8.99	0.26
11.90	4.49	4.25	1.98	14.50	9.25	9.01	0.26
11.95	4.88	4.64	2.36	14.55	9.27	9.03	0.25
12.00	5.26	5.02	2.95	14.60	9.29	9.05	0.25
12.05	5.91	5.67	3.76	14.65	9.31	9.07	0.24
12.10	6.55	6.31	4.88	14.70	9.32	9.08	0.24
12.15	6.77	6.53	5.94	14.75	9.34	9.10	0.23
12.20	7.00	6.76	5.77	14.80	9.36	9.12	0.23
12.25	7.16	6.92	4.57	14.85	9.38	9.14	0.22
12.30	7.32	7.08	3.44	14.90	9.40	9.15	0.22
12.35	7.44	7.20	2.70	14.95	9.41	9.17	0.21
12.40	7.55	7.31	2.19	15.00	9.43	9.19	0.21
12.45	7.67	7.43	1.83	15.05	9.44	9.20	0.20
12.50	7.78	7.54	1.59	15.10	9.46	9.22	0.20
12.55	7.85	7.61	1.45	15.15	9.47	9.23	0.19
12.60	7.92	7.68	1.28	15.20	9.49	9.25	0.19
12.65	7.99	7.75	1.10	15.25	9.50	9.26	0.19
12.70	8.06	7.82	0.97	15.30	9.52	9.28	0.18
12.75	8.12	7.88	0.89	15.35	9.53	9.29	0.18
12.80	8.18	7.94	0.83	15.40	9.55	9.31	0.18
12.85	8.24	8.00	0.79	15.45	9.56	9.32	0.18
12.90	8.29	8.05	0.75	15.50	9.58	9.34	0.18
12.95	8.34	8.10	0.71	15.55	9.59	9.35	0.18

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.18	18.20	10.20	9.96	0.11
15.65	9.62	9.38	0.17	18.25	10.21	9.97	0.11
15.70	9.64	9.39	0.17	18.30	10.22	9.98	0.11
15.75	9.65	9.41	0.17	18.35	10.23	9.99	0.11
15.80	9.66	9.42	0.17	18.40	10.24	9.99	0.11
15.85	9.68	9.44	0.17	18.45	10.24	10.00	0.11
15.90	9.69	9.45	0.17	18.50	10.25	10.01	0.10
15.95	9.70	9.46	0.17	18.55	10.26	10.02	0.10
16.00	9.72	9.48	0.16	18.60	10.27	10.03	0.10
16.05	9.73	9.49	0.16	18.65	10.28	10.04	0.10
16.10	9.74	9.50	0.16	18.70	10.29	10.05	0.10
16.15	9.76	9.52	0.16	18.75	10.30	10.05	0.10
16.20	9.77	9.53	0.16	18.80	10.30	10.06	0.10
16.25	9.78	9.54	0.16	18.85	10.31	10.07	0.10
16.30	9.80	9.55	0.16	18.90	10.32	10.08	0.10
16.35	9.81	9.57	0.16	18.95	10.33	10.09	0.10
16.40	9.82	9.58	0.15	19.00	10.34	10.10	0.10
16.45	9.83	9.59	0.15	19.05	10.35	10.11	0.10
16.50	9.85	9.60	0.15	19.10	10.35	10.11	0.10
16.55	9.86	9.62	0.15	19.15	10.36	10.12	0.10
16.60	9.87	9.63	0.15	19.20	10.37	10.13	0.10
16.65	9.88	9.64	0.15	19.25	10.38	10.14	0.10
16.70	9.89	9.65	0.15	19.30	10.39	10.15	0.10
16.75	9.91	9.66	0.15	19.35	10.40	10.15	0.10
16.80	9.92	9.68	0.14	19.40	10.40	10.16	0.10
16.85	9.93	9.69	0.14	19.45	10.41	10.17	0.10
16.90	9.94	9.70	0.14	19.50	10.42	10.18	0.10
16.95	9.95	9.71	0.14	19.55	10.43	10.19	0.10
17.00	9.96	9.72	0.14	19.60	10.44	10.20	0.10
17.05	9.97	9.73	0.14	19.65	10.44	10.20	0.10
17.10	9.99	9.74	0.14	19.70	10.45	10.21	0.10
17.15	10.00	9.76	0.13	19.75	10.46	10.22	0.10
17.20	10.01	9.77	0.13	19.80	10.47	10.23	0.10
17.25	10.02	9.78	0.13	19.85	10.48	10.24	0.10
17.30	10.03	9.79	0.13	19.90	10.48	10.24	0.10
17.35	10.04	9.80	0.13	19.95	10.49	10.25	0.10
17.40	10.05	9.81	0.13	20.00	10.50	10.26	0.09
17.45	10.06	9.82	0.13	20.05	10.51	10.27	0.09
17.50	10.07	9.83	0.13	20.10	10.52	10.27	0.09
17.55	10.08	9.84	0.12	20.15	10.52	10.28	0.09
17.60	10.09	9.85	0.12	20.20	10.53	10.29	0.09
17.65	10.10	9.86	0.12	20.25	10.54	10.30	0.09
17.70	10.11	9.87	0.12	20.30	10.55	10.31	0.09
17.75	10.12	9.88	0.12	20.35	10.55	10.31	0.09
17.80	10.13	9.89	0.12	20.40	10.56	10.32	0.09
17.85	10.14	9.90	0.12	20.45	10.57	10.33	0.09
17.90	10.15	9.91	0.11	20.50	10.58	10.34	0.09
17.95	10.16	9.92	0.11	20.55	10.58	10.34	0.09
18.00	10.17	9.92	0.11	20.60	10.59	10.35	0.09
18.05	10.17	9.93	0.11	20.65	10.60	10.36	0.09
18.10	10.18	9.94	0.11	20.70	10.61	10.37	0.09
18.15	10.19	9.95	0.11	20.75	10.61	10.37	0.09

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.09	23.40	10.97	10.73	0.07
20.85	10.63	10.39	0.09	23.45	10.97	10.73	0.07
20.90	10.64	10.39	0.09	23.50	10.98	10.74	0.07
20.95	10.64	10.40	0.09	23.55	10.99	10.74	0.07
21.00	10.65	10.41	0.09	23.60	10.99	10.75	0.07
21.05	10.66	10.42	0.09	23.65	11.00	10.76	0.07
21.10	10.66	10.42	0.09	23.70	11.00	10.76	0.07
21.15	10.67	10.43	0.09	23.75	11.01	10.77	0.07
21.20	10.68	10.44	0.09	23.80	11.01	10.77	0.07
21.25	10.69	10.45	0.09	23.85	11.02	10.78	0.07
21.30	10.69	10.45	0.09	23.90	11.03	10.78	0.07
21.35	10.70	10.46	0.09	23.95	11.03	10.79	0.07
21.40	10.71	10.47	0.09	24.00	11.04	10.80	0.07
21.45	10.71	10.47	0.09	24.05	11.04	10.80	0.07
21.50	10.72	10.48	0.09	24.10	11.04	10.80	0.06
21.55	10.73	10.49	0.08	24.15	11.04	10.80	0.04
21.60	10.74	10.49	0.08	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.08	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.08	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.08	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.08	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.08	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.08	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.08	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.08	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.08	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.08	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.08	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.08	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.08	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.08	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.08	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.08	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.08	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.08	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.08	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.08	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.08	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.08	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.08	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.08	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.08	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.08	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.08	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.08	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.07	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.07	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.07	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.07	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.07	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.07	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.07	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 3I: PDA-3 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 3P: PDA-3 (pervious)

Runoff = 8.00 cfs @ 12.17 hrs, Volume= 0.616 af, Depth= 7.72"
 Routed to Pond B-3 : Basin #3

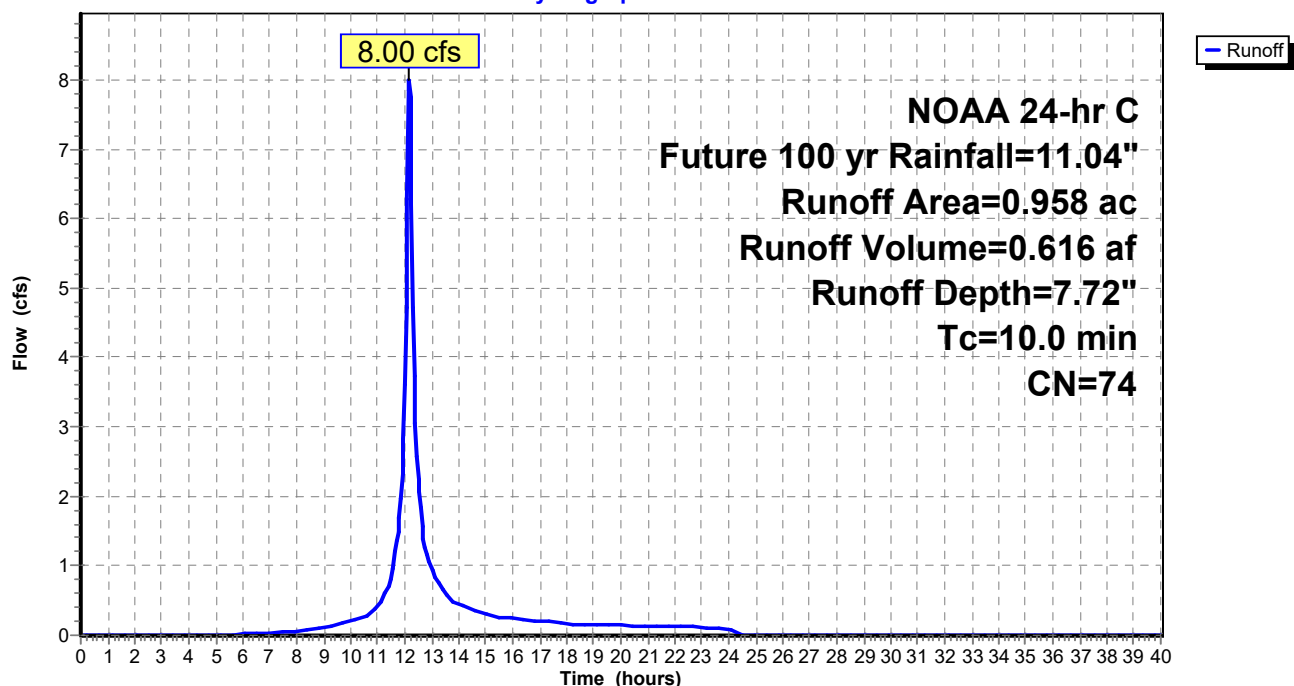
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.958	74	>75% Grass cover, Good, HSG C
0.958		100.00% Pervious Area

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

Subcatchment 3P: PDA-3 (pervious)

Hydrograph



Hydrograph for Subcatchment 3P: PDA-3 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.16
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.17
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.17
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.18
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.19
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.19
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.20
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.21
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.21
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.22
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.23
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.23
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.24
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.24

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.25	13.00	8.39	5.28	0.97
10.45	2.25	0.47	0.26	13.05	8.43	5.32	0.92
10.50	2.28	0.49	0.26	13.10	8.48	5.36	0.87
10.55	2.31	0.50	0.27	13.15	8.52	5.39	0.82
10.60	2.34	0.52	0.28	13.20	8.56	5.43	0.78
10.65	2.37	0.54	0.30	13.25	8.60	5.46	0.74
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.71
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.69
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.66
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.63
10.90	2.56	0.64	0.40	13.50	8.76	5.61	0.60
10.95	2.61	0.67	0.42	13.55	8.79	5.64	0.57
11.00	2.65	0.69	0.44	13.60	8.82	5.67	0.55
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.52
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.50
11.15	2.80	0.79	0.53	13.75	8.90	5.74	0.49
11.20	2.86	0.82	0.57	13.80	8.93	5.76	0.48
11.25	2.92	0.86	0.61	13.85	8.95	5.79	0.47
11.30	2.98	0.90	0.65	13.90	8.98	5.81	0.46
11.35	3.05	0.94	0.70	13.95	9.00	5.83	0.46
11.40	3.12	0.98	0.74	14.00	9.03	5.85	0.45
11.45	3.19	1.03	0.78	14.05	9.05	5.88	0.44
11.50	3.26	1.08	0.83	14.10	9.07	5.90	0.43
11.55	3.37	1.15	0.89	14.15	9.10	5.92	0.43
11.60	3.49	1.23	1.02	14.20	9.12	5.94	0.42
11.65	3.60	1.31	1.21	14.25	9.14	5.96	0.41
11.70	3.72	1.39	1.37	14.30	9.16	5.98	0.41
11.75	3.88	1.51	1.49	14.35	9.19	6.00	0.40
11.80	4.04	1.63	1.69	14.40	9.21	6.02	0.39
11.85	4.27	1.79	1.96	14.45	9.23	6.04	0.38
11.90	4.49	1.96	2.33	14.50	9.25	6.06	0.38
11.95	4.88	2.27	2.82	14.55	9.27	6.07	0.37
12.00	5.26	2.57	3.61	14.60	9.29	6.09	0.36
12.05	5.91	3.11	4.71	14.65	9.31	6.11	0.35
12.10	6.55	3.65	6.29	14.70	9.32	6.13	0.35
12.15	6.77	3.85	7.83	14.75	9.34	6.14	0.34
12.20	7.00	4.04	7.74	14.80	9.36	6.16	0.33
12.25	7.16	4.18	6.21	14.85	9.38	6.17	0.33
12.30	7.32	4.32	4.73	14.90	9.40	6.19	0.32
12.35	7.44	4.43	3.74	14.95	9.41	6.21	0.31
12.40	7.55	4.53	3.06	15.00	9.43	6.22	0.30
12.45	7.67	4.63	2.57	15.05	9.44	6.23	0.30
12.50	7.78	4.73	2.25	15.10	9.46	6.25	0.29
12.55	7.85	4.79	2.06	15.15	9.47	6.26	0.28
12.60	7.92	4.86	1.83	15.20	9.49	6.28	0.28
12.65	7.99	4.92	1.57	15.25	9.50	6.29	0.27
12.70	8.06	4.98	1.38	15.30	9.52	6.30	0.27
12.75	8.12	5.03	1.27	15.35	9.53	6.32	0.27
12.80	8.18	5.09	1.19	15.40	9.55	6.33	0.27
12.85	8.24	5.14	1.13	15.45	9.56	6.34	0.27
12.90	8.29	5.19	1.08	15.50	9.58	6.36	0.26
12.95	8.34	5.23	1.02	15.55	9.59	6.37	0.26

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.26	18.20	10.20	6.93	0.16
15.65	9.62	6.40	0.26	18.25	10.21	6.94	0.16
15.70	9.64	6.41	0.26	18.30	10.22	6.95	0.16
15.75	9.65	6.42	0.25	18.35	10.23	6.96	0.16
15.80	9.66	6.44	0.25	18.40	10.24	6.97	0.16
15.85	9.68	6.45	0.25	18.45	10.24	6.97	0.16
15.90	9.69	6.46	0.25	18.50	10.25	6.98	0.16
15.95	9.70	6.47	0.25	18.55	10.26	6.99	0.16
16.00	9.72	6.49	0.24	18.60	10.27	7.00	0.16
16.05	9.73	6.50	0.24	18.65	10.28	7.01	0.15
16.10	9.74	6.51	0.24	18.70	10.29	7.01	0.15
16.15	9.76	6.52	0.24	18.75	10.30	7.02	0.15
16.20	9.77	6.54	0.24	18.80	10.30	7.03	0.15
16.25	9.78	6.55	0.23	18.85	10.31	7.04	0.15
16.30	9.80	6.56	0.23	18.90	10.32	7.04	0.15
16.35	9.81	6.57	0.23	18.95	10.33	7.05	0.15
16.40	9.82	6.58	0.23	19.00	10.34	7.06	0.15
16.45	9.83	6.59	0.23	19.05	10.35	7.07	0.15
16.50	9.85	6.60	0.23	19.10	10.35	7.08	0.15
16.55	9.86	6.62	0.22	19.15	10.36	7.08	0.15
16.60	9.87	6.63	0.22	19.20	10.37	7.09	0.15
16.65	9.88	6.64	0.22	19.25	10.38	7.10	0.15
16.70	9.89	6.65	0.22	19.30	10.39	7.11	0.15
16.75	9.91	6.66	0.22	19.35	10.40	7.11	0.15
16.80	9.92	6.67	0.21	19.40	10.40	7.12	0.15
16.85	9.93	6.68	0.21	19.45	10.41	7.13	0.15
16.90	9.94	6.69	0.21	19.50	10.42	7.14	0.15
16.95	9.95	6.70	0.21	19.55	10.43	7.14	0.15
17.00	9.96	6.71	0.21	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.20	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.20	19.70	10.45	7.17	0.14
17.15	10.00	6.74	0.20	19.75	10.46	7.17	0.14
17.20	10.01	6.75	0.20	19.80	10.47	7.18	0.14
17.25	10.02	6.76	0.20	19.85	10.48	7.19	0.14
17.30	10.03	6.77	0.19	19.90	10.48	7.20	0.14
17.35	10.04	6.78	0.19	19.95	10.49	7.20	0.14
17.40	10.05	6.79	0.19	20.00	10.50	7.21	0.14
17.45	10.06	6.80	0.19	20.05	10.51	7.22	0.14
17.50	10.07	6.81	0.19	20.10	10.52	7.23	0.14
17.55	10.08	6.82	0.18	20.15	10.52	7.23	0.14
17.60	10.09	6.83	0.18	20.20	10.53	7.24	0.14
17.65	10.10	6.84	0.18	20.25	10.54	7.25	0.14
17.70	10.11	6.85	0.18	20.30	10.55	7.25	0.14
17.75	10.12	6.86	0.18	20.35	10.55	7.26	0.14
17.80	10.13	6.87	0.17	20.40	10.56	7.27	0.14
17.85	10.14	6.87	0.17	20.45	10.57	7.28	0.14
17.90	10.15	6.88	0.17	20.50	10.58	7.28	0.14
17.95	10.16	6.89	0.17	20.55	10.58	7.29	0.14
18.00	10.17	6.90	0.17	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.17	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.16	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.16	20.75	10.61	7.32	0.13

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.13	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.13	23.45	10.97	7.65	0.11
20.90	10.64	7.34	0.13	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.13	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.13	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.13	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.13	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.13	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.13	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.13	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.13	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.13	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.13	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.13	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.13	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.12	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.12	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.12	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.12	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.12	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.12	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.12	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.12	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.12	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.12	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.12	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.12	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.12	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.12	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.12	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.11	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.11	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.11	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.11	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.11	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.11	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.11	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.11	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 3P: PDA-3 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 4AI: PDA-4A (impervious)

Runoff = 8.68 cfs @ 12.17 hrs, Volume= 0.774 af, Depth=10.80"
 Routed to Pond B-4A : Basin #4A

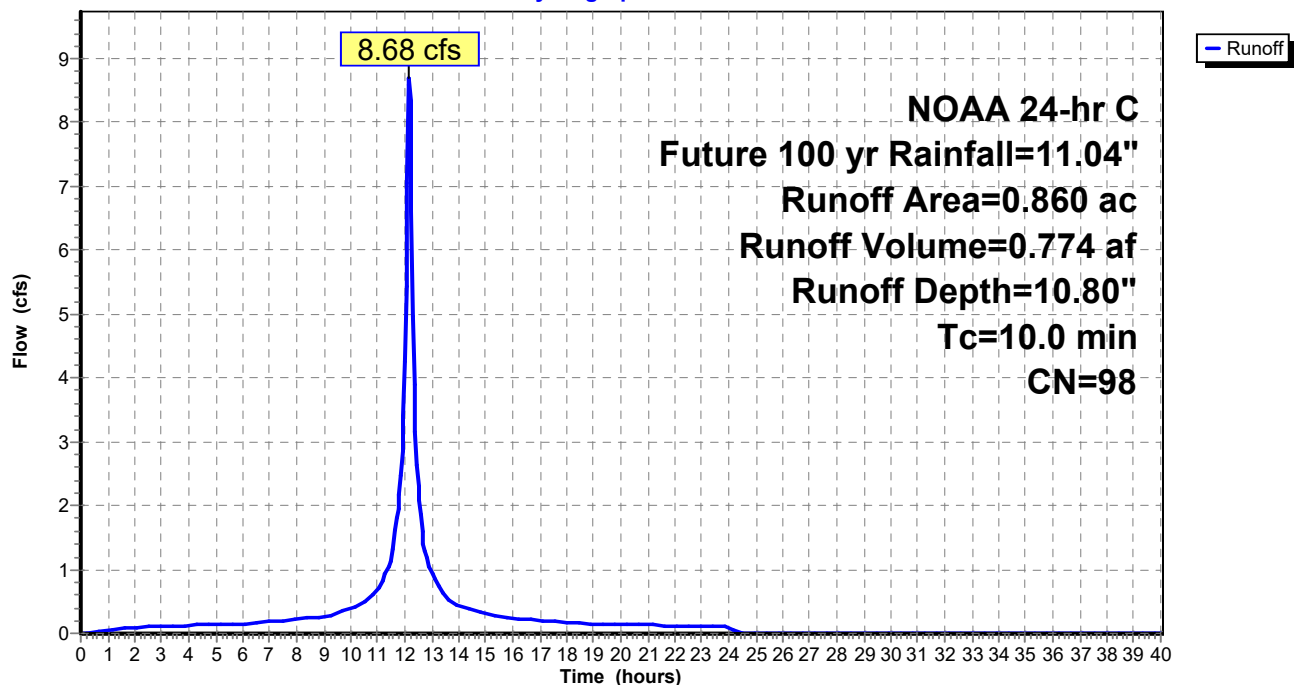
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4AI: PDA-4A (impervious)

Hydrograph



Hydrograph for Subcatchment 4AI: PDA-4A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.21
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.22
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.22
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.22
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.22
5.50	0.79	0.59	0.14	8.10	1.35	1.13	0.23
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.23
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.23
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.23
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.24
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.24
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.24
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.24
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.25
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.25
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.25
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.25
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.25
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.26
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.26
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.26
6.45	0.96	0.75	0.16	9.05	1.63	1.41	0.26
6.50	0.97	0.76	0.16	9.10	1.64	1.42	0.27
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.27
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.28
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.29
6.70	1.01	0.80	0.17	9.30	1.72	1.49	0.29
6.75	1.02	0.81	0.17	9.35	1.73	1.51	0.30
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.31
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.31
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.32
6.95	1.07	0.85	0.18	9.55	1.81	1.59	0.33
7.00	1.08	0.87	0.18	9.60	1.83	1.61	0.34
7.05	1.09	0.88	0.18	9.65	1.85	1.63	0.34
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.35
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.36
7.20	1.12	0.91	0.19	9.80	1.92	1.69	0.36
7.25	1.13	0.92	0.19	9.85	1.94	1.72	0.37
7.30	1.15	0.93	0.19	9.90	1.97	1.74	0.38
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.39
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.39
7.45	1.18	0.97	0.20	10.05	2.04	1.81	0.40
7.50	1.19	0.98	0.20	10.10	2.06	1.84	0.41
7.55	1.21	0.99	0.20	10.15	2.09	1.86	0.41
7.60	1.22	1.00	0.21	10.20	2.11	1.89	0.42
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.43
7.70	1.24	1.03	0.21	10.30	2.17	1.94	0.44
7.75	1.26	1.04	0.21	10.35	2.19	1.97	0.44

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.45	13.00	8.39	8.15	0.97
10.45	2.25	2.02	0.46	13.05	8.43	8.19	0.92
10.50	2.28	2.05	0.47	13.10	8.48	8.24	0.87
10.55	2.31	2.08	0.47	13.15	8.52	8.28	0.82
10.60	2.34	2.11	0.49	13.20	8.56	8.32	0.77
10.65	2.37	2.14	0.51	13.25	8.60	8.36	0.74
10.70	2.41	2.18	0.54	13.30	8.63	8.39	0.71
10.75	2.44	2.21	0.56	13.35	8.67	8.43	0.68
10.80	2.48	2.25	0.59	13.40	8.70	8.46	0.65
10.85	2.52	2.29	0.61	13.45	8.73	8.49	0.62
10.90	2.56	2.33	0.64	13.50	8.76	8.52	0.60
10.95	2.61	2.38	0.67	13.55	8.79	8.55	0.57
11.00	2.65	2.42	0.70	13.60	8.82	8.58	0.54
11.05	2.70	2.47	0.73	13.65	8.85	8.61	0.52
11.10	2.75	2.52	0.76	13.70	8.87	8.63	0.50
11.15	2.80	2.57	0.81	13.75	8.90	8.66	0.48
11.20	2.86	2.63	0.86	13.80	8.93	8.69	0.47
11.25	2.92	2.69	0.91	13.85	8.95	8.71	0.46
11.30	2.98	2.75	0.96	13.90	8.98	8.74	0.46
11.35	3.05	2.82	1.01	13.95	9.00	8.76	0.45
11.40	3.12	2.89	1.06	14.00	9.03	8.79	0.44
11.45	3.19	2.96	1.11	14.05	9.05	8.81	0.43
11.50	3.26	3.03	1.16	14.10	9.07	8.83	0.43
11.55	3.37	3.14	1.22	14.15	9.10	8.86	0.42
11.60	3.49	3.25	1.38	14.20	9.12	8.88	0.41
11.65	3.60	3.37	1.61	14.25	9.14	8.90	0.41
11.70	3.72	3.49	1.80	14.30	9.16	8.92	0.40
11.75	3.88	3.65	1.94	14.35	9.19	8.95	0.39
11.80	4.04	3.81	2.15	14.40	9.21	8.97	0.38
11.85	4.27	4.03	2.45	14.45	9.23	8.99	0.38
11.90	4.49	4.25	2.86	14.50	9.25	9.01	0.37
11.95	4.88	4.64	3.40	14.55	9.27	9.03	0.36
12.00	5.26	5.02	4.26	14.60	9.29	9.05	0.36
12.05	5.91	5.67	5.42	14.65	9.31	9.07	0.35
12.10	6.55	6.31	7.04	14.70	9.32	9.08	0.34
12.15	6.77	6.53	8.57	14.75	9.34	9.10	0.33
12.20	7.00	6.76	8.33	14.80	9.36	9.12	0.33
12.25	7.16	6.92	6.59	14.85	9.38	9.14	0.32
12.30	7.32	7.08	4.97	14.90	9.40	9.15	0.31
12.35	7.44	7.20	3.90	14.95	9.41	9.17	0.30
12.40	7.55	7.31	3.16	15.00	9.43	9.19	0.30
12.45	7.67	7.43	2.63	15.05	9.44	9.20	0.29
12.50	7.78	7.54	2.30	15.10	9.46	9.22	0.28
12.55	7.85	7.61	2.09	15.15	9.47	9.23	0.28
12.60	7.92	7.68	1.85	15.20	9.49	9.25	0.27
12.65	7.99	7.75	1.59	15.25	9.50	9.26	0.27
12.70	8.06	7.82	1.39	15.30	9.52	9.28	0.27
12.75	8.12	7.88	1.28	15.35	9.53	9.29	0.26
12.80	8.18	7.94	1.20	15.40	9.55	9.31	0.26
12.85	8.24	8.00	1.13	15.45	9.56	9.32	0.26
12.90	8.29	8.05	1.08	15.50	9.58	9.34	0.26
12.95	8.34	8.10	1.02	15.55	9.59	9.35	0.26

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.25	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.25	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.25	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.25	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.24	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.24	18.50	10.25	10.01	0.15
15.95	9.70	9.46	0.24	18.55	10.26	10.02	0.15
16.00	9.72	9.48	0.24	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.24	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.23	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.23	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.23	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.23	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.23	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.22	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.22	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.22	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.22	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.21	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.21	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.21	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.20	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.20	19.55	10.43	10.19	0.14
17.00	9.96	9.72	0.20	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.20	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.19	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.19	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.18	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.18	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.17	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.16	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 4AI: PDA-4A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 4AP: PDA-4A (pervious)

Runoff = 12.28 cfs @ 12.17 hrs, Volume= 0.946 af, Depth= 7.72"
 Routed to Pond B-4A : Basin #4A

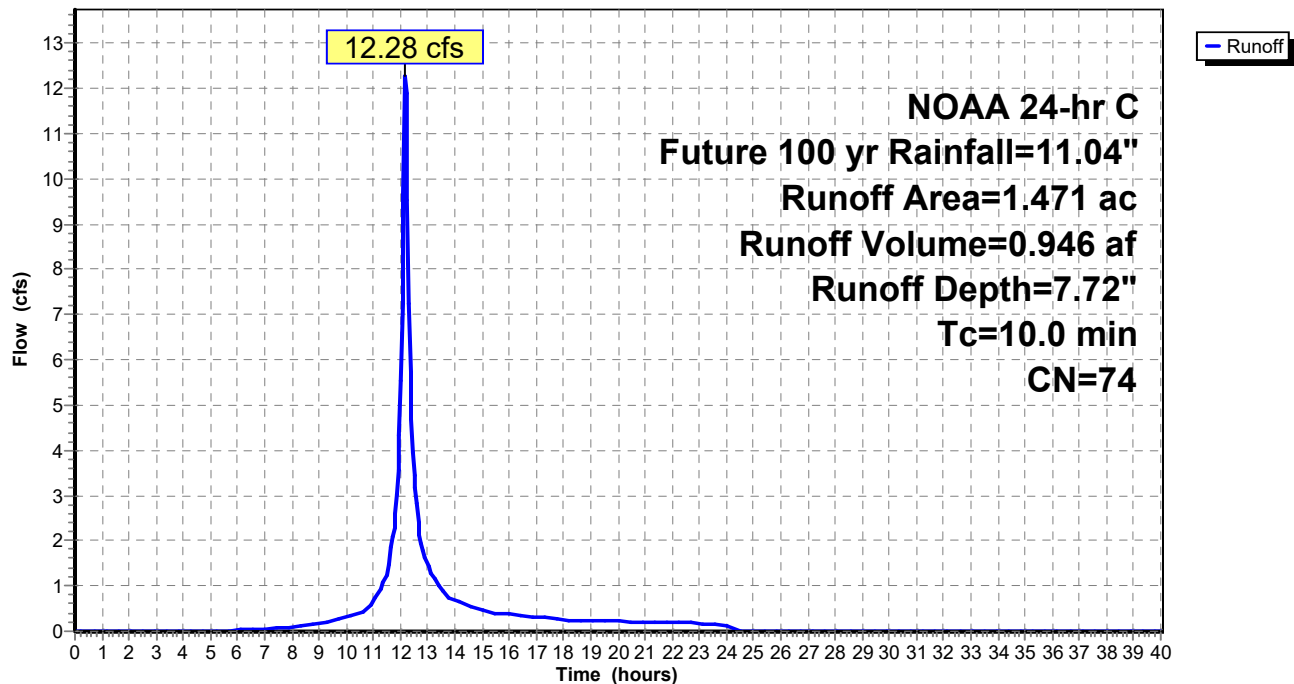
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4AP: PDA-4A (pervious)

Hydrograph



Hydrograph for Subcatchment 4AP: PDA-4A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.10
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.11
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.12
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.12
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.13
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.13
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.14
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.14
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.14
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.15
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.15
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.15
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.16
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.16
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.17
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.20
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.21
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.22
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.23
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.24
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.25
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.26
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.26
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.27
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.28
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.29
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.30
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.31
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.32
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.33
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.34
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.35
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.36
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.37
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.38

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.39	13.00	8.39	5.28	1.49
10.45	2.25	0.47	0.40	13.05	8.43	5.32	1.41
10.50	2.28	0.49	0.41	13.10	8.48	5.36	1.33
10.55	2.31	0.50	0.42	13.15	8.52	5.39	1.26
10.60	2.34	0.52	0.44	13.20	8.56	5.43	1.20
10.65	2.37	0.54	0.46	13.25	8.60	5.46	1.14
10.70	2.41	0.56	0.49	13.30	8.63	5.50	1.10
10.75	2.44	0.58	0.52	13.35	8.67	5.53	1.05
10.80	2.48	0.60	0.55	13.40	8.70	5.56	1.01
10.85	2.52	0.62	0.58	13.45	8.73	5.59	0.97
10.90	2.56	0.64	0.61	13.50	8.76	5.61	0.92
10.95	2.61	0.67	0.64	13.55	8.79	5.64	0.88
11.00	2.65	0.69	0.68	13.60	8.82	5.67	0.84
11.05	2.70	0.72	0.72	13.65	8.85	5.69	0.80
11.10	2.75	0.75	0.76	13.70	8.87	5.71	0.77
11.15	2.80	0.79	0.81	13.75	8.90	5.74	0.75
11.20	2.86	0.82	0.87	13.80	8.93	5.76	0.73
11.25	2.92	0.86	0.94	13.85	8.95	5.79	0.72
11.30	2.98	0.90	1.00	13.90	8.98	5.81	0.71
11.35	3.05	0.94	1.07	13.95	9.00	5.83	0.70
11.40	3.12	0.98	1.14	14.00	9.03	5.85	0.69
11.45	3.19	1.03	1.20	14.05	9.05	5.88	0.68
11.50	3.26	1.08	1.27	14.10	9.07	5.90	0.67
11.55	3.37	1.15	1.36	14.15	9.10	5.92	0.65
11.60	3.49	1.23	1.56	14.20	9.12	5.94	0.64
11.65	3.60	1.31	1.85	14.25	9.14	5.96	0.63
11.70	3.72	1.39	2.10	14.30	9.16	5.98	0.62
11.75	3.88	1.51	2.30	14.35	9.19	6.00	0.61
11.80	4.04	1.63	2.59	14.40	9.21	6.02	0.60
11.85	4.27	1.79	3.00	14.45	9.23	6.04	0.59
11.90	4.49	1.96	3.57	14.50	9.25	6.06	0.58
11.95	4.88	2.27	4.33	14.55	9.27	6.07	0.57
12.00	5.26	2.57	5.55	14.60	9.29	6.09	0.56
12.05	5.91	3.11	7.24	14.65	9.31	6.11	0.54
12.10	6.55	3.65	9.66	14.70	9.32	6.13	0.53
12.15	6.77	3.85	12.03	14.75	9.34	6.14	0.52
12.20	7.00	4.04	11.89	14.80	9.36	6.16	0.51
12.25	7.16	4.18	9.53	14.85	9.38	6.17	0.50
12.30	7.32	4.32	7.26	14.90	9.40	6.19	0.49
12.35	7.44	4.43	5.75	14.95	9.41	6.21	0.48
12.40	7.55	4.53	4.69	15.00	9.43	6.22	0.47
12.45	7.67	4.63	3.94	15.05	9.44	6.23	0.46
12.50	7.78	4.73	3.46	15.10	9.46	6.25	0.44
12.55	7.85	4.79	3.16	15.15	9.47	6.26	0.43
12.60	7.92	4.86	2.81	15.20	9.49	6.28	0.43
12.65	7.99	4.92	2.42	15.25	9.50	6.29	0.42
12.70	8.06	4.98	2.13	15.30	9.52	6.30	0.42
12.75	8.12	5.03	1.95	15.35	9.53	6.32	0.41
12.80	8.18	5.09	1.83	15.40	9.55	6.33	0.41
12.85	8.24	5.14	1.74	15.45	9.56	6.34	0.41
12.90	8.29	5.19	1.65	15.50	9.58	6.36	0.40
12.95	8.34	5.23	1.57	15.55	9.59	6.37	0.40

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.40	18.20	10.20	6.93	0.25
15.65	9.62	6.40	0.40	18.25	10.21	6.94	0.24
15.70	9.64	6.41	0.39	18.30	10.22	6.95	0.24
15.75	9.65	6.42	0.39	18.35	10.23	6.96	0.24
15.80	9.66	6.44	0.39	18.40	10.24	6.97	0.24
15.85	9.68	6.45	0.38	18.45	10.24	6.97	0.24
15.90	9.69	6.46	0.38	18.50	10.25	6.98	0.24
15.95	9.70	6.47	0.38	18.55	10.26	6.99	0.24
16.00	9.72	6.49	0.38	18.60	10.27	7.00	0.24
16.05	9.73	6.50	0.37	18.65	10.28	7.01	0.24
16.10	9.74	6.51	0.37	18.70	10.29	7.01	0.24
16.15	9.76	6.52	0.37	18.75	10.30	7.02	0.24
16.20	9.77	6.54	0.36	18.80	10.30	7.03	0.24
16.25	9.78	6.55	0.36	18.85	10.31	7.04	0.23
16.30	9.80	6.56	0.36	18.90	10.32	7.04	0.23
16.35	9.81	6.57	0.35	18.95	10.33	7.05	0.23
16.40	9.82	6.58	0.35	19.00	10.34	7.06	0.23
16.45	9.83	6.59	0.35	19.05	10.35	7.07	0.23
16.50	9.85	6.60	0.35	19.10	10.35	7.08	0.23
16.55	9.86	6.62	0.34	19.15	10.36	7.08	0.23
16.60	9.87	6.63	0.34	19.20	10.37	7.09	0.23
16.65	9.88	6.64	0.34	19.25	10.38	7.10	0.23
16.70	9.89	6.65	0.33	19.30	10.39	7.11	0.23
16.75	9.91	6.66	0.33	19.35	10.40	7.11	0.23
16.80	9.92	6.67	0.33	19.40	10.40	7.12	0.23
16.85	9.93	6.68	0.32	19.45	10.41	7.13	0.23
16.90	9.94	6.69	0.32	19.50	10.42	7.14	0.23
16.95	9.95	6.70	0.32	19.55	10.43	7.14	0.22
17.00	9.96	6.71	0.32	19.60	10.44	7.15	0.22
17.05	9.97	6.72	0.31	19.65	10.44	7.16	0.22
17.10	9.99	6.73	0.31	19.70	10.45	7.17	0.22
17.15	10.00	6.74	0.31	19.75	10.46	7.17	0.22
17.20	10.01	6.75	0.30	19.80	10.47	7.18	0.22
17.25	10.02	6.76	0.30	19.85	10.48	7.19	0.22
17.30	10.03	6.77	0.30	19.90	10.48	7.20	0.22
17.35	10.04	6.78	0.29	19.95	10.49	7.20	0.22
17.40	10.05	6.79	0.29	20.00	10.50	7.21	0.22
17.45	10.06	6.80	0.29	20.05	10.51	7.22	0.22
17.50	10.07	6.81	0.29	20.10	10.52	7.23	0.22
17.55	10.08	6.82	0.28	20.15	10.52	7.23	0.22
17.60	10.09	6.83	0.28	20.20	10.53	7.24	0.21
17.65	10.10	6.84	0.28	20.25	10.54	7.25	0.21
17.70	10.11	6.85	0.27	20.30	10.55	7.25	0.21
17.75	10.12	6.86	0.27	20.35	10.55	7.26	0.21
17.80	10.13	6.87	0.27	20.40	10.56	7.27	0.21
17.85	10.14	6.87	0.27	20.45	10.57	7.28	0.21
17.90	10.15	6.88	0.26	20.50	10.58	7.28	0.21
17.95	10.16	6.89	0.26	20.55	10.58	7.29	0.21
18.00	10.17	6.90	0.26	20.60	10.59	7.30	0.21
18.05	10.17	6.91	0.25	20.65	10.60	7.30	0.21
18.10	10.18	6.92	0.25	20.70	10.61	7.31	0.21
18.15	10.19	6.92	0.25	20.75	10.61	7.32	0.21

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.21	23.40	10.97	7.65	0.17
20.85	10.63	7.33	0.21	23.45	10.97	7.65	0.17
20.90	10.64	7.34	0.20	23.50	10.98	7.66	0.17
20.95	10.64	7.34	0.20	23.55	10.99	7.66	0.17
21.00	10.65	7.35	0.20	23.60	10.99	7.67	0.16
21.05	10.66	7.36	0.20	23.65	11.00	7.67	0.16
21.10	10.66	7.36	0.20	23.70	11.00	7.68	0.16
21.15	10.67	7.37	0.20	23.75	11.01	7.69	0.16
21.20	10.68	7.38	0.20	23.80	11.01	7.69	0.16
21.25	10.69	7.38	0.20	23.85	11.02	7.70	0.16
21.30	10.69	7.39	0.20	23.90	11.03	7.70	0.16
21.35	10.70	7.40	0.20	23.95	11.03	7.71	0.16
21.40	10.71	7.40	0.20	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.20	24.05	11.04	7.72	0.17
21.50	10.72	7.42	0.20	24.10	11.04	7.72	0.14
21.55	10.73	7.42	0.19	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.19	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.19	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.19	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.19	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.19	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.19	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.19	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.19	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.19	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.19	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.19	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.19	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.19	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.19	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.18	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.18	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.18	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.18	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.18	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.18	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.18	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.18	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.18	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.18	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.18	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.18	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.17	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.17	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.17	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.17	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.17	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.17	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.17	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.17	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.17	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.17	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 4AP: PDA-4A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 4BI: PDA-4B (impervious)

Runoff = 8.68 cfs @ 12.17 hrs, Volume= 0.774 af, Depth=10.80"
 Routed to Pond B-4B : Basin #4B

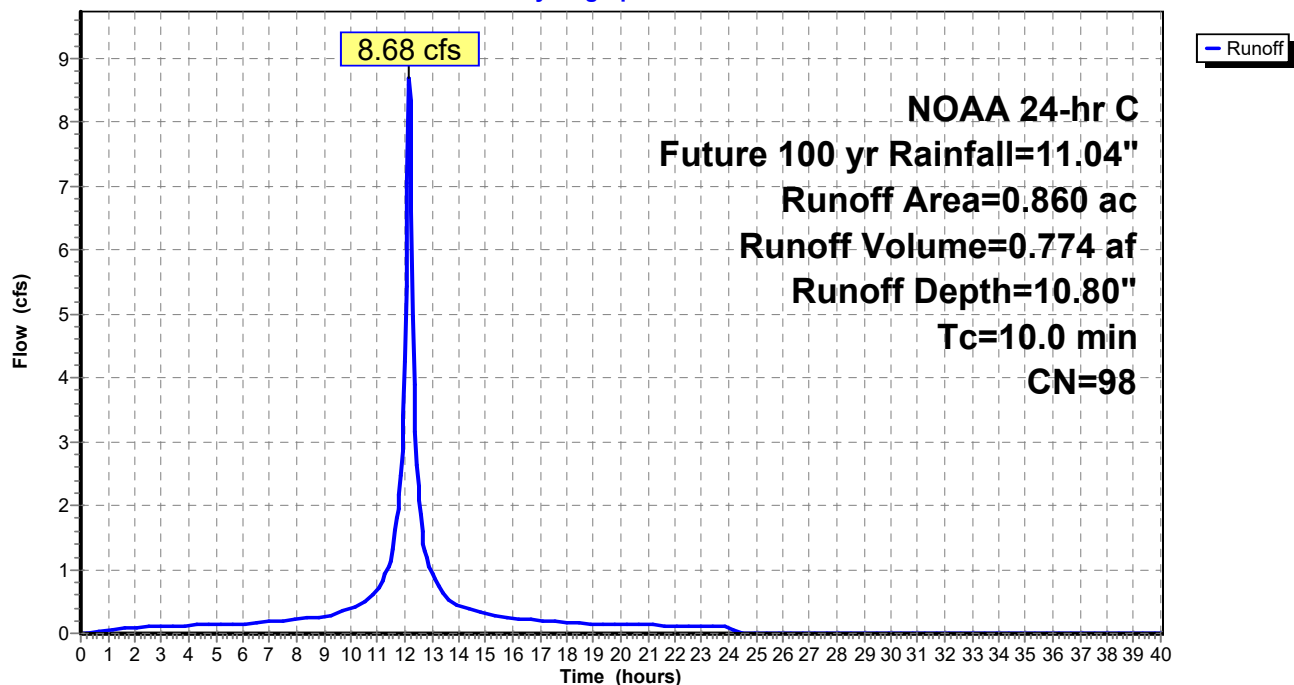
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.742	98	Pavement, HSG C
* 0.118	98	Concrete, HSG C
0.860	98	Weighted Average
0.860		100.00% Impervious Area

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

Subcatchment 4BI: PDA-4B (impervious)

Hydrograph



Hydrograph for Subcatchment 4BI: PDA-4B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.21
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.22
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.22
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.22
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.22
5.50	0.79	0.59	0.14	8.10	1.35	1.13	0.23
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.23
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.23
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.23
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.24
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.24
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.24
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.24
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.25
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.25
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.25
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.25
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.25
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.26
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.26
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.26
6.45	0.96	0.75	0.16	9.05	1.63	1.41	0.26
6.50	0.97	0.76	0.16	9.10	1.64	1.42	0.27
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.27
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.28
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.29
6.70	1.01	0.80	0.17	9.30	1.72	1.49	0.29
6.75	1.02	0.81	0.17	9.35	1.73	1.51	0.30
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.31
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.31
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.32
6.95	1.07	0.85	0.18	9.55	1.81	1.59	0.33
7.00	1.08	0.87	0.18	9.60	1.83	1.61	0.34
7.05	1.09	0.88	0.18	9.65	1.85	1.63	0.34
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.35
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.36
7.20	1.12	0.91	0.19	9.80	1.92	1.69	0.36
7.25	1.13	0.92	0.19	9.85	1.94	1.72	0.37
7.30	1.15	0.93	0.19	9.90	1.97	1.74	0.38
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.39
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.39
7.45	1.18	0.97	0.20	10.05	2.04	1.81	0.40
7.50	1.19	0.98	0.20	10.10	2.06	1.84	0.41
7.55	1.21	0.99	0.20	10.15	2.09	1.86	0.41
7.60	1.22	1.00	0.21	10.20	2.11	1.89	0.42
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.43
7.70	1.24	1.03	0.21	10.30	2.17	1.94	0.44
7.75	1.26	1.04	0.21	10.35	2.19	1.97	0.44

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.45	13.00	8.39	8.15	0.97
10.45	2.25	2.02	0.46	13.05	8.43	8.19	0.92
10.50	2.28	2.05	0.47	13.10	8.48	8.24	0.87
10.55	2.31	2.08	0.47	13.15	8.52	8.28	0.82
10.60	2.34	2.11	0.49	13.20	8.56	8.32	0.77
10.65	2.37	2.14	0.51	13.25	8.60	8.36	0.74
10.70	2.41	2.18	0.54	13.30	8.63	8.39	0.71
10.75	2.44	2.21	0.56	13.35	8.67	8.43	0.68
10.80	2.48	2.25	0.59	13.40	8.70	8.46	0.65
10.85	2.52	2.29	0.61	13.45	8.73	8.49	0.62
10.90	2.56	2.33	0.64	13.50	8.76	8.52	0.60
10.95	2.61	2.38	0.67	13.55	8.79	8.55	0.57
11.00	2.65	2.42	0.70	13.60	8.82	8.58	0.54
11.05	2.70	2.47	0.73	13.65	8.85	8.61	0.52
11.10	2.75	2.52	0.76	13.70	8.87	8.63	0.50
11.15	2.80	2.57	0.81	13.75	8.90	8.66	0.48
11.20	2.86	2.63	0.86	13.80	8.93	8.69	0.47
11.25	2.92	2.69	0.91	13.85	8.95	8.71	0.46
11.30	2.98	2.75	0.96	13.90	8.98	8.74	0.46
11.35	3.05	2.82	1.01	13.95	9.00	8.76	0.45
11.40	3.12	2.89	1.06	14.00	9.03	8.79	0.44
11.45	3.19	2.96	1.11	14.05	9.05	8.81	0.43
11.50	3.26	3.03	1.16	14.10	9.07	8.83	0.43
11.55	3.37	3.14	1.22	14.15	9.10	8.86	0.42
11.60	3.49	3.25	1.38	14.20	9.12	8.88	0.41
11.65	3.60	3.37	1.61	14.25	9.14	8.90	0.41
11.70	3.72	3.49	1.80	14.30	9.16	8.92	0.40
11.75	3.88	3.65	1.94	14.35	9.19	8.95	0.39
11.80	4.04	3.81	2.15	14.40	9.21	8.97	0.38
11.85	4.27	4.03	2.45	14.45	9.23	8.99	0.38
11.90	4.49	4.25	2.86	14.50	9.25	9.01	0.37
11.95	4.88	4.64	3.40	14.55	9.27	9.03	0.36
12.00	5.26	5.02	4.26	14.60	9.29	9.05	0.36
12.05	5.91	5.67	5.42	14.65	9.31	9.07	0.35
12.10	6.55	6.31	7.04	14.70	9.32	9.08	0.34
12.15	6.77	6.53	8.57	14.75	9.34	9.10	0.33
12.20	7.00	6.76	8.33	14.80	9.36	9.12	0.33
12.25	7.16	6.92	6.59	14.85	9.38	9.14	0.32
12.30	7.32	7.08	4.97	14.90	9.40	9.15	0.31
12.35	7.44	7.20	3.90	14.95	9.41	9.17	0.30
12.40	7.55	7.31	3.16	15.00	9.43	9.19	0.30
12.45	7.67	7.43	2.63	15.05	9.44	9.20	0.29
12.50	7.78	7.54	2.30	15.10	9.46	9.22	0.28
12.55	7.85	7.61	2.09	15.15	9.47	9.23	0.28
12.60	7.92	7.68	1.85	15.20	9.49	9.25	0.27
12.65	7.99	7.75	1.59	15.25	9.50	9.26	0.27
12.70	8.06	7.82	1.39	15.30	9.52	9.28	0.27
12.75	8.12	7.88	1.28	15.35	9.53	9.29	0.26
12.80	8.18	7.94	1.20	15.40	9.55	9.31	0.26
12.85	8.24	8.00	1.13	15.45	9.56	9.32	0.26
12.90	8.29	8.05	1.08	15.50	9.58	9.34	0.26
12.95	8.34	8.10	1.02	15.55	9.59	9.35	0.26

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.25	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.25	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.25	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.25	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.24	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.24	18.50	10.25	10.01	0.15
15.95	9.70	9.46	0.24	18.55	10.26	10.02	0.15
16.00	9.72	9.48	0.24	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.24	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.23	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.23	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.23	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.23	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.23	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.22	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.22	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.22	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.22	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.21	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.21	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.21	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.20	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.20	19.55	10.43	10.19	0.14
17.00	9.96	9.72	0.20	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.20	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.19	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.19	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.18	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.18	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.17	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.16	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 4BI: PDA-4B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 4BP: PDA-4B (pervious)

Runoff = 12.28 cfs @ 12.17 hrs, Volume= 0.946 af, Depth= 7.72"
 Routed to Pond B-4B : Basin #4B

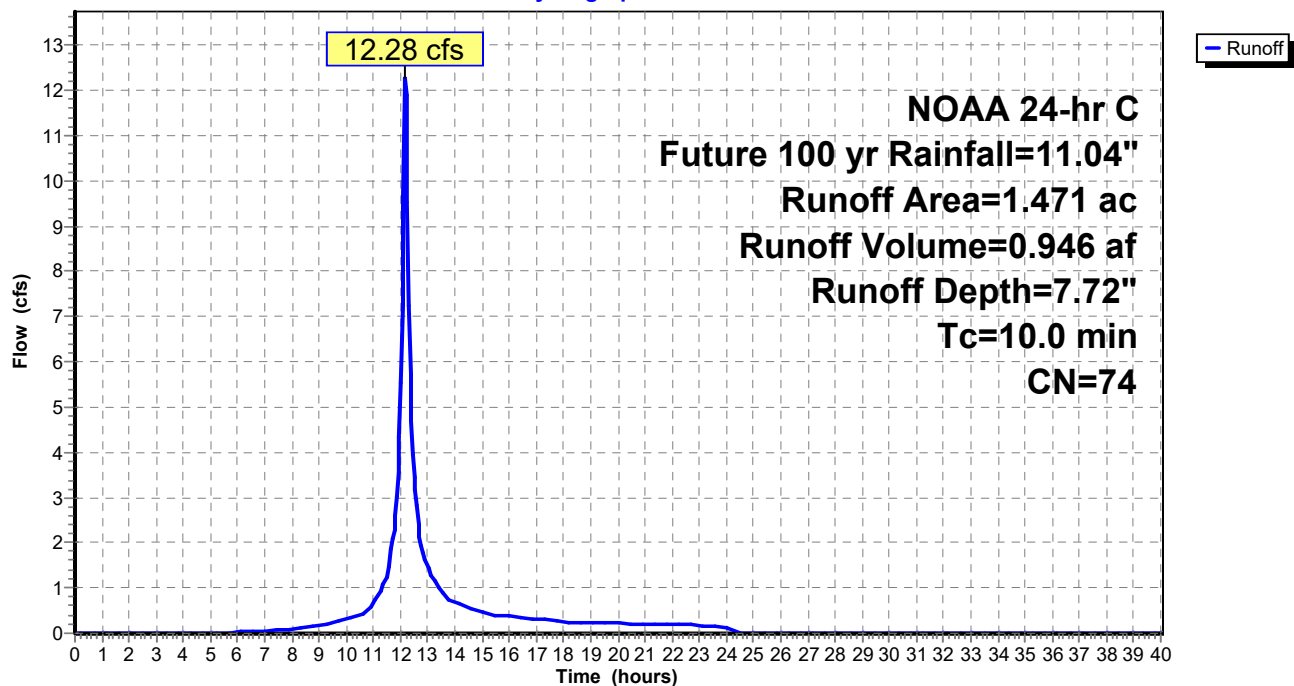
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.471	74	>75% Grass cover, Good, HSG C
1.471		100.00% Pervious Area

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

Subcatchment 4BP: PDA-4B (pervious)

Hydrograph



Hydrograph for Subcatchment 4BP: PDA-4B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.10
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.11
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.12
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.12
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.13
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.13
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.14
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.14
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.14
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.15
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.15
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.15
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.16
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.16
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.17
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.20
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.21
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.22
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.23
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.24
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.25
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.26
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.26
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.27
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.28
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.29
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.30
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.31
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.32
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.33
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.34
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.35
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.36
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.37
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.38

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.39	13.00	8.39	5.28	1.49
10.45	2.25	0.47	0.40	13.05	8.43	5.32	1.41
10.50	2.28	0.49	0.41	13.10	8.48	5.36	1.33
10.55	2.31	0.50	0.42	13.15	8.52	5.39	1.26
10.60	2.34	0.52	0.44	13.20	8.56	5.43	1.20
10.65	2.37	0.54	0.46	13.25	8.60	5.46	1.14
10.70	2.41	0.56	0.49	13.30	8.63	5.50	1.10
10.75	2.44	0.58	0.52	13.35	8.67	5.53	1.05
10.80	2.48	0.60	0.55	13.40	8.70	5.56	1.01
10.85	2.52	0.62	0.58	13.45	8.73	5.59	0.97
10.90	2.56	0.64	0.61	13.50	8.76	5.61	0.92
10.95	2.61	0.67	0.64	13.55	8.79	5.64	0.88
11.00	2.65	0.69	0.68	13.60	8.82	5.67	0.84
11.05	2.70	0.72	0.72	13.65	8.85	5.69	0.80
11.10	2.75	0.75	0.76	13.70	8.87	5.71	0.77
11.15	2.80	0.79	0.81	13.75	8.90	5.74	0.75
11.20	2.86	0.82	0.87	13.80	8.93	5.76	0.73
11.25	2.92	0.86	0.94	13.85	8.95	5.79	0.72
11.30	2.98	0.90	1.00	13.90	8.98	5.81	0.71
11.35	3.05	0.94	1.07	13.95	9.00	5.83	0.70
11.40	3.12	0.98	1.14	14.00	9.03	5.85	0.69
11.45	3.19	1.03	1.20	14.05	9.05	5.88	0.68
11.50	3.26	1.08	1.27	14.10	9.07	5.90	0.67
11.55	3.37	1.15	1.36	14.15	9.10	5.92	0.65
11.60	3.49	1.23	1.56	14.20	9.12	5.94	0.64
11.65	3.60	1.31	1.85	14.25	9.14	5.96	0.63
11.70	3.72	1.39	2.10	14.30	9.16	5.98	0.62
11.75	3.88	1.51	2.30	14.35	9.19	6.00	0.61
11.80	4.04	1.63	2.59	14.40	9.21	6.02	0.60
11.85	4.27	1.79	3.00	14.45	9.23	6.04	0.59
11.90	4.49	1.96	3.57	14.50	9.25	6.06	0.58
11.95	4.88	2.27	4.33	14.55	9.27	6.07	0.57
12.00	5.26	2.57	5.55	14.60	9.29	6.09	0.56
12.05	5.91	3.11	7.24	14.65	9.31	6.11	0.54
12.10	6.55	3.65	9.66	14.70	9.32	6.13	0.53
12.15	6.77	3.85	12.03	14.75	9.34	6.14	0.52
12.20	7.00	4.04	11.89	14.80	9.36	6.16	0.51
12.25	7.16	4.18	9.53	14.85	9.38	6.17	0.50
12.30	7.32	4.32	7.26	14.90	9.40	6.19	0.49
12.35	7.44	4.43	5.75	14.95	9.41	6.21	0.48
12.40	7.55	4.53	4.69	15.00	9.43	6.22	0.47
12.45	7.67	4.63	3.94	15.05	9.44	6.23	0.46
12.50	7.78	4.73	3.46	15.10	9.46	6.25	0.44
12.55	7.85	4.79	3.16	15.15	9.47	6.26	0.43
12.60	7.92	4.86	2.81	15.20	9.49	6.28	0.43
12.65	7.99	4.92	2.42	15.25	9.50	6.29	0.42
12.70	8.06	4.98	2.13	15.30	9.52	6.30	0.42
12.75	8.12	5.03	1.95	15.35	9.53	6.32	0.41
12.80	8.18	5.09	1.83	15.40	9.55	6.33	0.41
12.85	8.24	5.14	1.74	15.45	9.56	6.34	0.41
12.90	8.29	5.19	1.65	15.50	9.58	6.36	0.40
12.95	8.34	5.23	1.57	15.55	9.59	6.37	0.40

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.40	18.20	10.20	6.93	0.25
15.65	9.62	6.40	0.40	18.25	10.21	6.94	0.24
15.70	9.64	6.41	0.39	18.30	10.22	6.95	0.24
15.75	9.65	6.42	0.39	18.35	10.23	6.96	0.24
15.80	9.66	6.44	0.39	18.40	10.24	6.97	0.24
15.85	9.68	6.45	0.38	18.45	10.24	6.97	0.24
15.90	9.69	6.46	0.38	18.50	10.25	6.98	0.24
15.95	9.70	6.47	0.38	18.55	10.26	6.99	0.24
16.00	9.72	6.49	0.38	18.60	10.27	7.00	0.24
16.05	9.73	6.50	0.37	18.65	10.28	7.01	0.24
16.10	9.74	6.51	0.37	18.70	10.29	7.01	0.24
16.15	9.76	6.52	0.37	18.75	10.30	7.02	0.24
16.20	9.77	6.54	0.36	18.80	10.30	7.03	0.24
16.25	9.78	6.55	0.36	18.85	10.31	7.04	0.23
16.30	9.80	6.56	0.36	18.90	10.32	7.04	0.23
16.35	9.81	6.57	0.35	18.95	10.33	7.05	0.23
16.40	9.82	6.58	0.35	19.00	10.34	7.06	0.23
16.45	9.83	6.59	0.35	19.05	10.35	7.07	0.23
16.50	9.85	6.60	0.35	19.10	10.35	7.08	0.23
16.55	9.86	6.62	0.34	19.15	10.36	7.08	0.23
16.60	9.87	6.63	0.34	19.20	10.37	7.09	0.23
16.65	9.88	6.64	0.34	19.25	10.38	7.10	0.23
16.70	9.89	6.65	0.33	19.30	10.39	7.11	0.23
16.75	9.91	6.66	0.33	19.35	10.40	7.11	0.23
16.80	9.92	6.67	0.33	19.40	10.40	7.12	0.23
16.85	9.93	6.68	0.32	19.45	10.41	7.13	0.23
16.90	9.94	6.69	0.32	19.50	10.42	7.14	0.23
16.95	9.95	6.70	0.32	19.55	10.43	7.14	0.22
17.00	9.96	6.71	0.32	19.60	10.44	7.15	0.22
17.05	9.97	6.72	0.31	19.65	10.44	7.16	0.22
17.10	9.99	6.73	0.31	19.70	10.45	7.17	0.22
17.15	10.00	6.74	0.31	19.75	10.46	7.17	0.22
17.20	10.01	6.75	0.30	19.80	10.47	7.18	0.22
17.25	10.02	6.76	0.30	19.85	10.48	7.19	0.22
17.30	10.03	6.77	0.30	19.90	10.48	7.20	0.22
17.35	10.04	6.78	0.29	19.95	10.49	7.20	0.22
17.40	10.05	6.79	0.29	20.00	10.50	7.21	0.22
17.45	10.06	6.80	0.29	20.05	10.51	7.22	0.22
17.50	10.07	6.81	0.29	20.10	10.52	7.23	0.22
17.55	10.08	6.82	0.28	20.15	10.52	7.23	0.22
17.60	10.09	6.83	0.28	20.20	10.53	7.24	0.21
17.65	10.10	6.84	0.28	20.25	10.54	7.25	0.21
17.70	10.11	6.85	0.27	20.30	10.55	7.25	0.21
17.75	10.12	6.86	0.27	20.35	10.55	7.26	0.21
17.80	10.13	6.87	0.27	20.40	10.56	7.27	0.21
17.85	10.14	6.87	0.27	20.45	10.57	7.28	0.21
17.90	10.15	6.88	0.26	20.50	10.58	7.28	0.21
17.95	10.16	6.89	0.26	20.55	10.58	7.29	0.21
18.00	10.17	6.90	0.26	20.60	10.59	7.30	0.21
18.05	10.17	6.91	0.25	20.65	10.60	7.30	0.21
18.10	10.18	6.92	0.25	20.70	10.61	7.31	0.21
18.15	10.19	6.92	0.25	20.75	10.61	7.32	0.21

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.21	23.40	10.97	7.65	0.17
20.85	10.63	7.33	0.21	23.45	10.97	7.65	0.17
20.90	10.64	7.34	0.20	23.50	10.98	7.66	0.17
20.95	10.64	7.34	0.20	23.55	10.99	7.66	0.17
21.00	10.65	7.35	0.20	23.60	10.99	7.67	0.16
21.05	10.66	7.36	0.20	23.65	11.00	7.67	0.16
21.10	10.66	7.36	0.20	23.70	11.00	7.68	0.16
21.15	10.67	7.37	0.20	23.75	11.01	7.69	0.16
21.20	10.68	7.38	0.20	23.80	11.01	7.69	0.16
21.25	10.69	7.38	0.20	23.85	11.02	7.70	0.16
21.30	10.69	7.39	0.20	23.90	11.03	7.70	0.16
21.35	10.70	7.40	0.20	23.95	11.03	7.71	0.16
21.40	10.71	7.40	0.20	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.20	24.05	11.04	7.72	0.17
21.50	10.72	7.42	0.20	24.10	11.04	7.72	0.14
21.55	10.73	7.42	0.19	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.19	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.19	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.19	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.19	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.19	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.19	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.19	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.19	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.19	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.19	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.19	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.19	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.19	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.19	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.18	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.18	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.18	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.18	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.18	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.18	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.18	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.18	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.18	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.18	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.18	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.18	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.17	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.17	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.17	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.17	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.17	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.17	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.17	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.17	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.17	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.17	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 4BP: PDA-4B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 5I: PDA-5 (impervious)

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"
 Routed to Pond B-5 : Basin #5

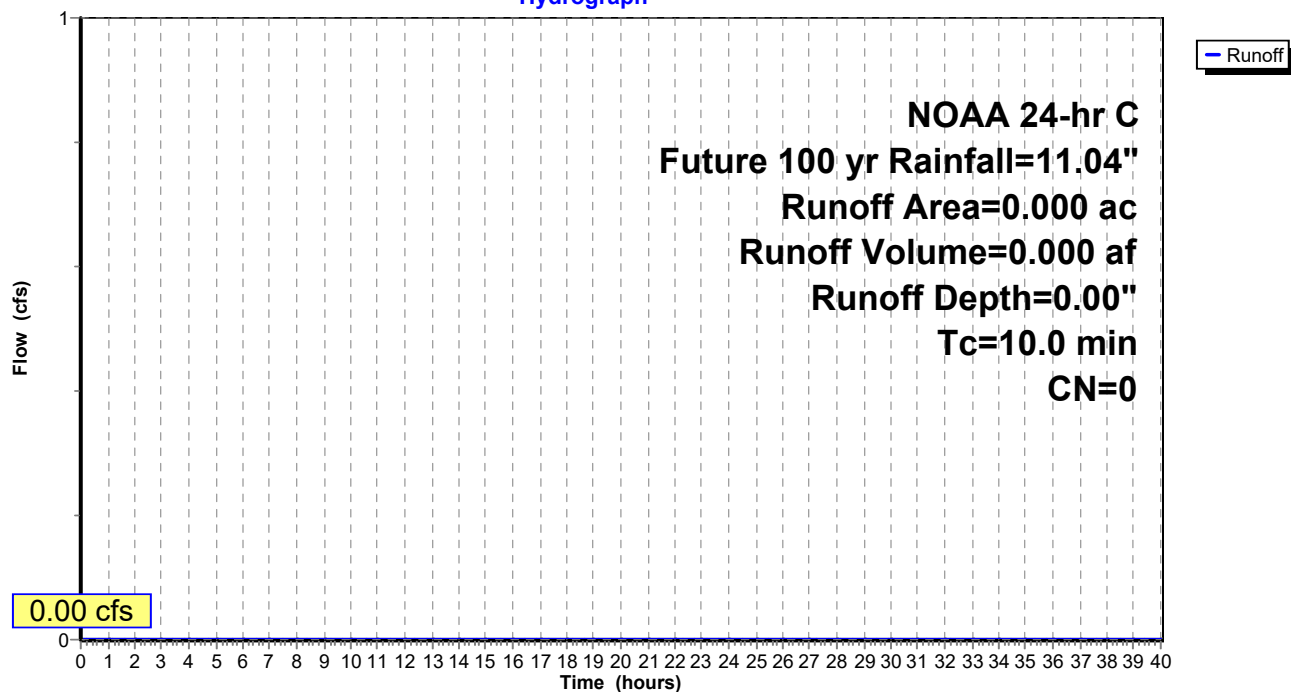
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.000	98	Concrete, HSG C
0.000	0	Weighted Average

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

Subcatchment 5I: PDA-5 (impervious)

Hydrograph



Hydrograph for Subcatchment 5I: PDA-5 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.00	0.00
5.25	0.74	0.00	0.00	7.85	1.28	0.00	0.00
5.30	0.75	0.00	0.00	7.90	1.30	0.00	0.00
5.35	0.76	0.00	0.00	7.95	1.31	0.00	0.00
5.40	0.77	0.00	0.00	8.00	1.32	0.00	0.00
5.45	0.78	0.00	0.00	8.05	1.34	0.00	0.00
5.50	0.79	0.00	0.00	8.10	1.35	0.00	0.00
5.55	0.80	0.00	0.00	8.15	1.36	0.00	0.00
5.60	0.80	0.00	0.00	8.20	1.38	0.00	0.00
5.65	0.81	0.00	0.00	8.25	1.39	0.00	0.00
5.70	0.82	0.00	0.00	8.30	1.40	0.00	0.00
5.75	0.83	0.00	0.00	8.35	1.42	0.00	0.00
5.80	0.84	0.00	0.00	8.40	1.43	0.00	0.00
5.85	0.85	0.00	0.00	8.45	1.45	0.00	0.00
5.90	0.86	0.00	0.00	8.50	1.46	0.00	0.00
5.95	0.87	0.00	0.00	8.55	1.48	0.00	0.00
6.00	0.87	0.00	0.00	8.60	1.49	0.00	0.00
6.05	0.88	0.00	0.00	8.65	1.51	0.00	0.00
6.10	0.89	0.00	0.00	8.70	1.52	0.00	0.00
6.15	0.90	0.00	0.00	8.75	1.54	0.00	0.00
6.20	0.91	0.00	0.00	8.80	1.55	0.00	0.00
6.25	0.92	0.00	0.00	8.85	1.57	0.00	0.00
6.30	0.93	0.00	0.00	8.90	1.58	0.00	0.00
6.35	0.94	0.00	0.00	8.95	1.60	0.00	0.00
6.40	0.95	0.00	0.00	9.00	1.61	0.00	0.00
6.45	0.96	0.00	0.00	9.05	1.63	0.00	0.00
6.50	0.97	0.00	0.00	9.10	1.64	0.00	0.00
6.55	0.98	0.00	0.00	9.15	1.66	0.00	0.00
6.60	0.99	0.00	0.00	9.20	1.68	0.00	0.00
6.65	1.00	0.00	0.00	9.25	1.70	0.00	0.00
6.70	1.01	0.00	0.00	9.30	1.72	0.00	0.00
6.75	1.02	0.00	0.00	9.35	1.73	0.00	0.00
6.80	1.03	0.00	0.00	9.40	1.75	0.00	0.00
6.85	1.04	0.00	0.00	9.45	1.77	0.00	0.00
6.90	1.05	0.00	0.00	9.50	1.79	0.00	0.00
6.95	1.07	0.00	0.00	9.55	1.81	0.00	0.00
7.00	1.08	0.00	0.00	9.60	1.83	0.00	0.00
7.05	1.09	0.00	0.00	9.65	1.85	0.00	0.00
7.10	1.10	0.00	0.00	9.70	1.88	0.00	0.00
7.15	1.11	0.00	0.00	9.75	1.90	0.00	0.00
7.20	1.12	0.00	0.00	9.80	1.92	0.00	0.00
7.25	1.13	0.00	0.00	9.85	1.94	0.00	0.00
7.30	1.15	0.00	0.00	9.90	1.97	0.00	0.00
7.35	1.16	0.00	0.00	9.95	1.99	0.00	0.00
7.40	1.17	0.00	0.00	10.00	2.01	0.00	0.00
7.45	1.18	0.00	0.00	10.05	2.04	0.00	0.00
7.50	1.19	0.00	0.00	10.10	2.06	0.00	0.00
7.55	1.21	0.00	0.00	10.15	2.09	0.00	0.00
7.60	1.22	0.00	0.00	10.20	2.11	0.00	0.00
7.65	1.23	0.00	0.00	10.25	2.14	0.00	0.00
7.70	1.24	0.00	0.00	10.30	2.17	0.00	0.00
7.75	1.26	0.00	0.00	10.35	2.19	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.00	0.00	13.00	8.39	0.00	0.00
10.45	2.25	0.00	0.00	13.05	8.43	0.00	0.00
10.50	2.28	0.00	0.00	13.10	8.48	0.00	0.00
10.55	2.31	0.00	0.00	13.15	8.52	0.00	0.00
10.60	2.34	0.00	0.00	13.20	8.56	0.00	0.00
10.65	2.37	0.00	0.00	13.25	8.60	0.00	0.00
10.70	2.41	0.00	0.00	13.30	8.63	0.00	0.00
10.75	2.44	0.00	0.00	13.35	8.67	0.00	0.00
10.80	2.48	0.00	0.00	13.40	8.70	0.00	0.00
10.85	2.52	0.00	0.00	13.45	8.73	0.00	0.00
10.90	2.56	0.00	0.00	13.50	8.76	0.00	0.00
10.95	2.61	0.00	0.00	13.55	8.79	0.00	0.00
11.00	2.65	0.00	0.00	13.60	8.82	0.00	0.00
11.05	2.70	0.00	0.00	13.65	8.85	0.00	0.00
11.10	2.75	0.00	0.00	13.70	8.87	0.00	0.00
11.15	2.80	0.00	0.00	13.75	8.90	0.00	0.00
11.20	2.86	0.00	0.00	13.80	8.93	0.00	0.00
11.25	2.92	0.00	0.00	13.85	8.95	0.00	0.00
11.30	2.98	0.00	0.00	13.90	8.98	0.00	0.00
11.35	3.05	0.00	0.00	13.95	9.00	0.00	0.00
11.40	3.12	0.00	0.00	14.00	9.03	0.00	0.00
11.45	3.19	0.00	0.00	14.05	9.05	0.00	0.00
11.50	3.26	0.00	0.00	14.10	9.07	0.00	0.00
11.55	3.37	0.00	0.00	14.15	9.10	0.00	0.00
11.60	3.49	0.00	0.00	14.20	9.12	0.00	0.00
11.65	3.60	0.00	0.00	14.25	9.14	0.00	0.00
11.70	3.72	0.00	0.00	14.30	9.16	0.00	0.00
11.75	3.88	0.00	0.00	14.35	9.19	0.00	0.00
11.80	4.04	0.00	0.00	14.40	9.21	0.00	0.00
11.85	4.27	0.00	0.00	14.45	9.23	0.00	0.00
11.90	4.49	0.00	0.00	14.50	9.25	0.00	0.00
11.95	4.88	0.00	0.00	14.55	9.27	0.00	0.00
12.00	5.26	0.00	0.00	14.60	9.29	0.00	0.00
12.05	5.91	0.00	0.00	14.65	9.31	0.00	0.00
12.10	6.55	0.00	0.00	14.70	9.32	0.00	0.00
12.15	6.77	0.00	0.00	14.75	9.34	0.00	0.00
12.20	7.00	0.00	0.00	14.80	9.36	0.00	0.00
12.25	7.16	0.00	0.00	14.85	9.38	0.00	0.00
12.30	7.32	0.00	0.00	14.90	9.40	0.00	0.00
12.35	7.44	0.00	0.00	14.95	9.41	0.00	0.00
12.40	7.55	0.00	0.00	15.00	9.43	0.00	0.00
12.45	7.67	0.00	0.00	15.05	9.44	0.00	0.00
12.50	7.78	0.00	0.00	15.10	9.46	0.00	0.00
12.55	7.85	0.00	0.00	15.15	9.47	0.00	0.00
12.60	7.92	0.00	0.00	15.20	9.49	0.00	0.00
12.65	7.99	0.00	0.00	15.25	9.50	0.00	0.00
12.70	8.06	0.00	0.00	15.30	9.52	0.00	0.00
12.75	8.12	0.00	0.00	15.35	9.53	0.00	0.00
12.80	8.18	0.00	0.00	15.40	9.55	0.00	0.00
12.85	8.24	0.00	0.00	15.45	9.56	0.00	0.00
12.90	8.29	0.00	0.00	15.50	9.58	0.00	0.00
12.95	8.34	0.00	0.00	15.55	9.59	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	0.00	0.00	18.20	10.20	0.00	0.00
15.65	9.62	0.00	0.00	18.25	10.21	0.00	0.00
15.70	9.64	0.00	0.00	18.30	10.22	0.00	0.00
15.75	9.65	0.00	0.00	18.35	10.23	0.00	0.00
15.80	9.66	0.00	0.00	18.40	10.24	0.00	0.00
15.85	9.68	0.00	0.00	18.45	10.24	0.00	0.00
15.90	9.69	0.00	0.00	18.50	10.25	0.00	0.00
15.95	9.70	0.00	0.00	18.55	10.26	0.00	0.00
16.00	9.72	0.00	0.00	18.60	10.27	0.00	0.00
16.05	9.73	0.00	0.00	18.65	10.28	0.00	0.00
16.10	9.74	0.00	0.00	18.70	10.29	0.00	0.00
16.15	9.76	0.00	0.00	18.75	10.30	0.00	0.00
16.20	9.77	0.00	0.00	18.80	10.30	0.00	0.00
16.25	9.78	0.00	0.00	18.85	10.31	0.00	0.00
16.30	9.80	0.00	0.00	18.90	10.32	0.00	0.00
16.35	9.81	0.00	0.00	18.95	10.33	0.00	0.00
16.40	9.82	0.00	0.00	19.00	10.34	0.00	0.00
16.45	9.83	0.00	0.00	19.05	10.35	0.00	0.00
16.50	9.85	0.00	0.00	19.10	10.35	0.00	0.00
16.55	9.86	0.00	0.00	19.15	10.36	0.00	0.00
16.60	9.87	0.00	0.00	19.20	10.37	0.00	0.00
16.65	9.88	0.00	0.00	19.25	10.38	0.00	0.00
16.70	9.89	0.00	0.00	19.30	10.39	0.00	0.00
16.75	9.91	0.00	0.00	19.35	10.40	0.00	0.00
16.80	9.92	0.00	0.00	19.40	10.40	0.00	0.00
16.85	9.93	0.00	0.00	19.45	10.41	0.00	0.00
16.90	9.94	0.00	0.00	19.50	10.42	0.00	0.00
16.95	9.95	0.00	0.00	19.55	10.43	0.00	0.00
17.00	9.96	0.00	0.00	19.60	10.44	0.00	0.00
17.05	9.97	0.00	0.00	19.65	10.44	0.00	0.00
17.10	9.99	0.00	0.00	19.70	10.45	0.00	0.00
17.15	10.00	0.00	0.00	19.75	10.46	0.00	0.00
17.20	10.01	0.00	0.00	19.80	10.47	0.00	0.00
17.25	10.02	0.00	0.00	19.85	10.48	0.00	0.00
17.30	10.03	0.00	0.00	19.90	10.48	0.00	0.00
17.35	10.04	0.00	0.00	19.95	10.49	0.00	0.00
17.40	10.05	0.00	0.00	20.00	10.50	0.00	0.00
17.45	10.06	0.00	0.00	20.05	10.51	0.00	0.00
17.50	10.07	0.00	0.00	20.10	10.52	0.00	0.00
17.55	10.08	0.00	0.00	20.15	10.52	0.00	0.00
17.60	10.09	0.00	0.00	20.20	10.53	0.00	0.00
17.65	10.10	0.00	0.00	20.25	10.54	0.00	0.00
17.70	10.11	0.00	0.00	20.30	10.55	0.00	0.00
17.75	10.12	0.00	0.00	20.35	10.55	0.00	0.00
17.80	10.13	0.00	0.00	20.40	10.56	0.00	0.00
17.85	10.14	0.00	0.00	20.45	10.57	0.00	0.00
17.90	10.15	0.00	0.00	20.50	10.58	0.00	0.00
17.95	10.16	0.00	0.00	20.55	10.58	0.00	0.00
18.00	10.17	0.00	0.00	20.60	10.59	0.00	0.00
18.05	10.17	0.00	0.00	20.65	10.60	0.00	0.00
18.10	10.18	0.00	0.00	20.70	10.61	0.00	0.00
18.15	10.19	0.00	0.00	20.75	10.61	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	0.00	0.00	23.40	10.97	0.00	0.00
20.85	10.63	0.00	0.00	23.45	10.97	0.00	0.00
20.90	10.64	0.00	0.00	23.50	10.98	0.00	0.00
20.95	10.64	0.00	0.00	23.55	10.99	0.00	0.00
21.00	10.65	0.00	0.00	23.60	10.99	0.00	0.00
21.05	10.66	0.00	0.00	23.65	11.00	0.00	0.00
21.10	10.66	0.00	0.00	23.70	11.00	0.00	0.00
21.15	10.67	0.00	0.00	23.75	11.01	0.00	0.00
21.20	10.68	0.00	0.00	23.80	11.01	0.00	0.00
21.25	10.69	0.00	0.00	23.85	11.02	0.00	0.00
21.30	10.69	0.00	0.00	23.90	11.03	0.00	0.00
21.35	10.70	0.00	0.00	23.95	11.03	0.00	0.00
21.40	10.71	0.00	0.00	24.00	11.04	0.00	0.00
21.45	10.71	0.00	0.00	24.05	11.04	0.00	0.00
21.50	10.72	0.00	0.00	24.10	11.04	0.00	0.00
21.55	10.73	0.00	0.00	24.15	11.04	0.00	0.00
21.60	10.74	0.00	0.00	24.20	11.04	0.00	0.00
21.65	10.74	0.00	0.00	24.25	11.04	0.00	0.00
21.70	10.75	0.00	0.00	24.30	11.04	0.00	0.00
21.75	10.76	0.00	0.00	24.35	11.04	0.00	0.00
21.80	10.76	0.00	0.00	24.40	11.04	0.00	0.00
21.85	10.77	0.00	0.00	24.45	11.04	0.00	0.00
21.90	10.78	0.00	0.00	24.50	11.04	0.00	0.00
21.95	10.78	0.00	0.00	24.55	11.04	0.00	0.00
22.00	10.79	0.00	0.00	24.60	11.04	0.00	0.00
22.05	10.80	0.00	0.00	24.65	11.04	0.00	0.00
22.10	10.80	0.00	0.00	24.70	11.04	0.00	0.00
22.15	10.81	0.00	0.00	24.75	11.04	0.00	0.00
22.20	10.82	0.00	0.00	24.80	11.04	0.00	0.00
22.25	10.82	0.00	0.00	24.85	11.04	0.00	0.00
22.30	10.83	0.00	0.00	24.90	11.04	0.00	0.00
22.35	10.84	0.00	0.00	24.95	11.04	0.00	0.00
22.40	10.84	0.00	0.00	25.00	11.04	0.00	0.00
22.45	10.85	0.00	0.00	25.05	11.04	0.00	0.00
22.50	10.86	0.00	0.00	25.10	11.04	0.00	0.00
22.55	10.86	0.00	0.00	25.15	11.04	0.00	0.00
22.60	10.87	0.00	0.00	25.20	11.04	0.00	0.00
22.65	10.88	0.00	0.00	25.25	11.04	0.00	0.00
22.70	10.88	0.00	0.00	25.30	11.04	0.00	0.00
22.75	10.89	0.00	0.00	25.35	11.04	0.00	0.00
22.80	10.89	0.00	0.00	25.40	11.04	0.00	0.00
22.85	10.90	0.00	0.00	25.45	11.04	0.00	0.00
22.90	10.91	0.00	0.00	25.50	11.04	0.00	0.00
22.95	10.91	0.00	0.00	25.55	11.04	0.00	0.00
23.00	10.92	0.00	0.00	25.60	11.04	0.00	0.00
23.05	10.93	0.00	0.00	25.65	11.04	0.00	0.00
23.10	10.93	0.00	0.00	25.70	11.04	0.00	0.00
23.15	10.94	0.00	0.00	25.75	11.04	0.00	0.00
23.20	10.94	0.00	0.00	25.80	11.04	0.00	0.00
23.25	10.95	0.00	0.00	25.85	11.04	0.00	0.00
23.30	10.96	0.00	0.00	25.90	11.04	0.00	0.00
23.35	10.96	0.00	0.00	25.95	11.04	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	0.00	0.00	28.60	11.04	0.00	0.00
26.05	11.04	0.00	0.00	28.65	11.04	0.00	0.00
26.10	11.04	0.00	0.00	28.70	11.04	0.00	0.00
26.15	11.04	0.00	0.00	28.75	11.04	0.00	0.00
26.20	11.04	0.00	0.00	28.80	11.04	0.00	0.00
26.25	11.04	0.00	0.00	28.85	11.04	0.00	0.00
26.30	11.04	0.00	0.00	28.90	11.04	0.00	0.00
26.35	11.04	0.00	0.00	28.95	11.04	0.00	0.00
26.40	11.04	0.00	0.00	29.00	11.04	0.00	0.00
26.45	11.04	0.00	0.00	29.05	11.04	0.00	0.00
26.50	11.04	0.00	0.00	29.10	11.04	0.00	0.00
26.55	11.04	0.00	0.00	29.15	11.04	0.00	0.00
26.60	11.04	0.00	0.00	29.20	11.04	0.00	0.00
26.65	11.04	0.00	0.00	29.25	11.04	0.00	0.00
26.70	11.04	0.00	0.00	29.30	11.04	0.00	0.00
26.75	11.04	0.00	0.00	29.35	11.04	0.00	0.00
26.80	11.04	0.00	0.00	29.40	11.04	0.00	0.00
26.85	11.04	0.00	0.00	29.45	11.04	0.00	0.00
26.90	11.04	0.00	0.00	29.50	11.04	0.00	0.00
26.95	11.04	0.00	0.00	29.55	11.04	0.00	0.00
27.00	11.04	0.00	0.00	29.60	11.04	0.00	0.00
27.05	11.04	0.00	0.00	29.65	11.04	0.00	0.00
27.10	11.04	0.00	0.00	29.70	11.04	0.00	0.00
27.15	11.04	0.00	0.00	29.75	11.04	0.00	0.00
27.20	11.04	0.00	0.00	29.80	11.04	0.00	0.00
27.25	11.04	0.00	0.00	29.85	11.04	0.00	0.00
27.30	11.04	0.00	0.00	29.90	11.04	0.00	0.00
27.35	11.04	0.00	0.00	29.95	11.04	0.00	0.00
27.40	11.04	0.00	0.00	30.00	11.04	0.00	0.00
27.45	11.04	0.00	0.00	30.05	11.04	0.00	0.00
27.50	11.04	0.00	0.00	30.10	11.04	0.00	0.00
27.55	11.04	0.00	0.00	30.15	11.04	0.00	0.00
27.60	11.04	0.00	0.00	30.20	11.04	0.00	0.00
27.65	11.04	0.00	0.00	30.25	11.04	0.00	0.00
27.70	11.04	0.00	0.00	30.30	11.04	0.00	0.00
27.75	11.04	0.00	0.00	30.35	11.04	0.00	0.00
27.80	11.04	0.00	0.00	30.40	11.04	0.00	0.00
27.85	11.04	0.00	0.00	30.45	11.04	0.00	0.00
27.90	11.04	0.00	0.00	30.50	11.04	0.00	0.00
27.95	11.04	0.00	0.00	30.55	11.04	0.00	0.00
28.00	11.04	0.00	0.00	30.60	11.04	0.00	0.00
28.05	11.04	0.00	0.00	30.65	11.04	0.00	0.00
28.10	11.04	0.00	0.00	30.70	11.04	0.00	0.00
28.15	11.04	0.00	0.00	30.75	11.04	0.00	0.00
28.20	11.04	0.00	0.00	30.80	11.04	0.00	0.00
28.25	11.04	0.00	0.00	30.85	11.04	0.00	0.00
28.30	11.04	0.00	0.00	30.90	11.04	0.00	0.00
28.35	11.04	0.00	0.00	30.95	11.04	0.00	0.00
28.40	11.04	0.00	0.00	31.00	11.04	0.00	0.00
28.45	11.04	0.00	0.00	31.05	11.04	0.00	0.00
28.50	11.04	0.00	0.00	31.10	11.04	0.00	0.00
28.55	11.04	0.00	0.00	31.15	11.04	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	0.00	0.00	33.80	11.04	0.00	0.00
31.25	11.04	0.00	0.00	33.85	11.04	0.00	0.00
31.30	11.04	0.00	0.00	33.90	11.04	0.00	0.00
31.35	11.04	0.00	0.00	33.95	11.04	0.00	0.00
31.40	11.04	0.00	0.00	34.00	11.04	0.00	0.00
31.45	11.04	0.00	0.00	34.05	11.04	0.00	0.00
31.50	11.04	0.00	0.00	34.10	11.04	0.00	0.00
31.55	11.04	0.00	0.00	34.15	11.04	0.00	0.00
31.60	11.04	0.00	0.00	34.20	11.04	0.00	0.00
31.65	11.04	0.00	0.00	34.25	11.04	0.00	0.00
31.70	11.04	0.00	0.00	34.30	11.04	0.00	0.00
31.75	11.04	0.00	0.00	34.35	11.04	0.00	0.00
31.80	11.04	0.00	0.00	34.40	11.04	0.00	0.00
31.85	11.04	0.00	0.00	34.45	11.04	0.00	0.00
31.90	11.04	0.00	0.00	34.50	11.04	0.00	0.00
31.95	11.04	0.00	0.00	34.55	11.04	0.00	0.00
32.00	11.04	0.00	0.00	34.60	11.04	0.00	0.00
32.05	11.04	0.00	0.00	34.65	11.04	0.00	0.00
32.10	11.04	0.00	0.00	34.70	11.04	0.00	0.00
32.15	11.04	0.00	0.00	34.75	11.04	0.00	0.00
32.20	11.04	0.00	0.00	34.80	11.04	0.00	0.00
32.25	11.04	0.00	0.00	34.85	11.04	0.00	0.00
32.30	11.04	0.00	0.00	34.90	11.04	0.00	0.00
32.35	11.04	0.00	0.00	34.95	11.04	0.00	0.00
32.40	11.04	0.00	0.00	35.00	11.04	0.00	0.00
32.45	11.04	0.00	0.00	35.05	11.04	0.00	0.00
32.50	11.04	0.00	0.00	35.10	11.04	0.00	0.00
32.55	11.04	0.00	0.00	35.15	11.04	0.00	0.00
32.60	11.04	0.00	0.00	35.20	11.04	0.00	0.00
32.65	11.04	0.00	0.00	35.25	11.04	0.00	0.00
32.70	11.04	0.00	0.00	35.30	11.04	0.00	0.00
32.75	11.04	0.00	0.00	35.35	11.04	0.00	0.00
32.80	11.04	0.00	0.00	35.40	11.04	0.00	0.00
32.85	11.04	0.00	0.00	35.45	11.04	0.00	0.00
32.90	11.04	0.00	0.00	35.50	11.04	0.00	0.00
32.95	11.04	0.00	0.00	35.55	11.04	0.00	0.00
33.00	11.04	0.00	0.00	35.60	11.04	0.00	0.00
33.05	11.04	0.00	0.00	35.65	11.04	0.00	0.00
33.10	11.04	0.00	0.00	35.70	11.04	0.00	0.00
33.15	11.04	0.00	0.00	35.75	11.04	0.00	0.00
33.20	11.04	0.00	0.00	35.80	11.04	0.00	0.00
33.25	11.04	0.00	0.00	35.85	11.04	0.00	0.00
33.30	11.04	0.00	0.00	35.90	11.04	0.00	0.00
33.35	11.04	0.00	0.00	35.95	11.04	0.00	0.00
33.40	11.04	0.00	0.00	36.00	11.04	0.00	0.00
33.45	11.04	0.00	0.00	36.05	11.04	0.00	0.00
33.50	11.04	0.00	0.00	36.10	11.04	0.00	0.00
33.55	11.04	0.00	0.00	36.15	11.04	0.00	0.00
33.60	11.04	0.00	0.00	36.20	11.04	0.00	0.00
33.65	11.04	0.00	0.00	36.25	11.04	0.00	0.00
33.70	11.04	0.00	0.00	36.30	11.04	0.00	0.00
33.75	11.04	0.00	0.00	36.35	11.04	0.00	0.00

Hydrograph for Subcatchment 5I: PDA-5 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	0.00	0.00	39.00	11.04	0.00	0.00
36.45	11.04	0.00	0.00	39.05	11.04	0.00	0.00
36.50	11.04	0.00	0.00	39.10	11.04	0.00	0.00
36.55	11.04	0.00	0.00	39.15	11.04	0.00	0.00
36.60	11.04	0.00	0.00	39.20	11.04	0.00	0.00
36.65	11.04	0.00	0.00	39.25	11.04	0.00	0.00
36.70	11.04	0.00	0.00	39.30	11.04	0.00	0.00
36.75	11.04	0.00	0.00	39.35	11.04	0.00	0.00
36.80	11.04	0.00	0.00	39.40	11.04	0.00	0.00
36.85	11.04	0.00	0.00	39.45	11.04	0.00	0.00
36.90	11.04	0.00	0.00	39.50	11.04	0.00	0.00
36.95	11.04	0.00	0.00	39.55	11.04	0.00	0.00
37.00	11.04	0.00	0.00	39.60	11.04	0.00	0.00
37.05	11.04	0.00	0.00	39.65	11.04	0.00	0.00
37.10	11.04	0.00	0.00	39.70	11.04	0.00	0.00
37.15	11.04	0.00	0.00	39.75	11.04	0.00	0.00
37.20	11.04	0.00	0.00	39.80	11.04	0.00	0.00
37.25	11.04	0.00	0.00	39.85	11.04	0.00	0.00
37.30	11.04	0.00	0.00	39.90	11.04	0.00	0.00
37.35	11.04	0.00	0.00	39.95	11.04	0.00	0.00
37.40	11.04	0.00	0.00	40.00	11.04	0.00	0.00
37.45	11.04	0.00	0.00				
37.50	11.04	0.00	0.00				
37.55	11.04	0.00	0.00				
37.60	11.04	0.00	0.00				
37.65	11.04	0.00	0.00				
37.70	11.04	0.00	0.00				
37.75	11.04	0.00	0.00				
37.80	11.04	0.00	0.00				
37.85	11.04	0.00	0.00				
37.90	11.04	0.00	0.00				
37.95	11.04	0.00	0.00				
38.00	11.04	0.00	0.00				
38.05	11.04	0.00	0.00				
38.10	11.04	0.00	0.00				
38.15	11.04	0.00	0.00				
38.20	11.04	0.00	0.00				
38.25	11.04	0.00	0.00				
38.30	11.04	0.00	0.00				
38.35	11.04	0.00	0.00				
38.40	11.04	0.00	0.00				
38.45	11.04	0.00	0.00				
38.50	11.04	0.00	0.00				
38.55	11.04	0.00	0.00				
38.60	11.04	0.00	0.00				
38.65	11.04	0.00	0.00				
38.70	11.04	0.00	0.00				
38.75	11.04	0.00	0.00				
38.80	11.04	0.00	0.00				
38.85	11.04	0.00	0.00				
38.90	11.04	0.00	0.00				
38.95	11.04	0.00	0.00				

Summary for Subcatchment 5P: PDA-5 (pervious)

Runoff = 5.67 cfs @ 12.17 hrs, Volume= 0.437 af, Depth= 7.72"
 Routed to Pond B-5 : Basin #5

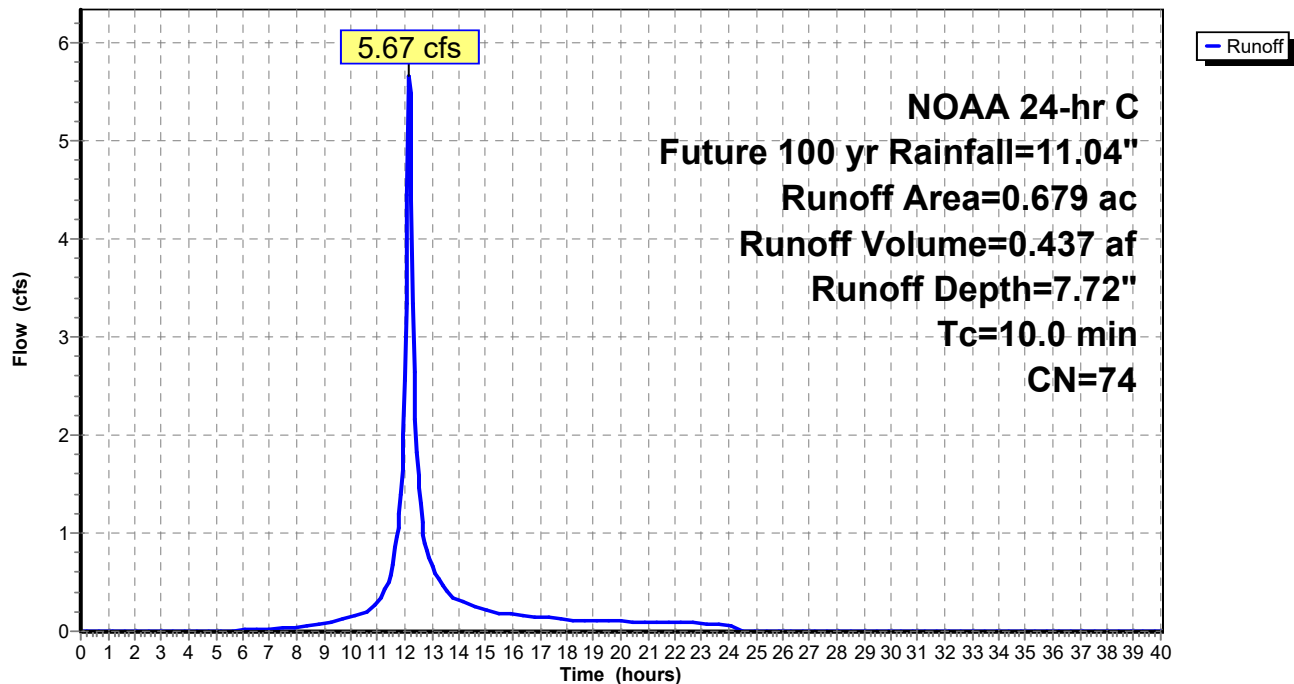
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.679	74	>75% Grass cover, Good, HSG C
0.679		100.00% Pervious Area

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

Subcatchment 5P: PDA-5 (pervious)

Hydrograph



Hydrograph for Subcatchment 5P: PDA-5 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.04
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.04
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.04
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.05
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.05
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.05
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.05
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.05
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.06
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.06
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.06
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.06
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.06
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.06
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.07
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.07
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.07
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.07
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.07
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.07
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.08
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.08
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.08
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.08
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.09
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.09
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.09
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.10
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.10
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.10
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.11
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.11
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.11
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.12
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.12
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.13
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.13
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.13
7.35	1.16	0.05	0.03	9.95	1.99	0.34	0.14
7.40	1.17	0.05	0.03	10.00	2.01	0.36	0.14
7.45	1.18	0.06	0.03	10.05	2.04	0.37	0.15
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.15
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.15
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.16
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.16
7.70	1.24	0.07	0.04	10.30	2.17	0.43	0.17
7.75	1.26	0.08	0.04	10.35	2.19	0.44	0.17

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.18	13.00	8.39	5.28	0.69
10.45	2.25	0.47	0.18	13.05	8.43	5.32	0.65
10.50	2.28	0.49	0.19	13.10	8.48	5.36	0.62
10.55	2.31	0.50	0.19	13.15	8.52	5.39	0.58
10.60	2.34	0.52	0.20	13.20	8.56	5.43	0.55
10.65	2.37	0.54	0.21	13.25	8.60	5.46	0.53
10.70	2.41	0.56	0.22	13.30	8.63	5.50	0.51
10.75	2.44	0.58	0.24	13.35	8.67	5.53	0.49
10.80	2.48	0.60	0.25	13.40	8.70	5.56	0.47
10.85	2.52	0.62	0.27	13.45	8.73	5.59	0.45
10.90	2.56	0.64	0.28	13.50	8.76	5.61	0.43
10.95	2.61	0.67	0.30	13.55	8.79	5.64	0.41
11.00	2.65	0.69	0.31	13.60	8.82	5.67	0.39
11.05	2.70	0.72	0.33	13.65	8.85	5.69	0.37
11.10	2.75	0.75	0.35	13.70	8.87	5.71	0.36
11.15	2.80	0.79	0.38	13.75	8.90	5.74	0.35
11.20	2.86	0.82	0.40	13.80	8.93	5.76	0.34
11.25	2.92	0.86	0.43	13.85	8.95	5.79	0.33
11.30	2.98	0.90	0.46	13.90	8.98	5.81	0.33
11.35	3.05	0.94	0.49	13.95	9.00	5.83	0.32
11.40	3.12	0.98	0.52	14.00	9.03	5.85	0.32
11.45	3.19	1.03	0.56	14.05	9.05	5.88	0.31
11.50	3.26	1.08	0.59	14.10	9.07	5.90	0.31
11.55	3.37	1.15	0.63	14.15	9.10	5.92	0.30
11.60	3.49	1.23	0.72	14.20	9.12	5.94	0.30
11.65	3.60	1.31	0.86	14.25	9.14	5.96	0.29
11.70	3.72	1.39	0.97	14.30	9.16	5.98	0.29
11.75	3.88	1.51	1.06	14.35	9.19	6.00	0.28
11.80	4.04	1.63	1.20	14.40	9.21	6.02	0.28
11.85	4.27	1.79	1.39	14.45	9.23	6.04	0.27
11.90	4.49	1.96	1.65	14.50	9.25	6.06	0.27
11.95	4.88	2.27	2.00	14.55	9.27	6.07	0.26
12.00	5.26	2.57	2.56	14.60	9.29	6.09	0.26
12.05	5.91	3.11	3.34	14.65	9.31	6.11	0.25
12.10	6.55	3.65	4.46	14.70	9.32	6.13	0.25
12.15	6.77	3.85	5.55	14.75	9.34	6.14	0.24
12.20	7.00	4.04	5.49	14.80	9.36	6.16	0.24
12.25	7.16	4.18	4.40	14.85	9.38	6.17	0.23
12.30	7.32	4.32	3.35	14.90	9.40	6.19	0.23
12.35	7.44	4.43	2.65	14.95	9.41	6.21	0.22
12.40	7.55	4.53	2.17	15.00	9.43	6.22	0.22
12.45	7.67	4.63	1.82	15.05	9.44	6.23	0.21
12.50	7.78	4.73	1.60	15.10	9.46	6.25	0.21
12.55	7.85	4.79	1.46	15.15	9.47	6.26	0.20
12.60	7.92	4.86	1.30	15.20	9.49	6.28	0.20
12.65	7.99	4.92	1.12	15.25	9.50	6.29	0.19
12.70	8.06	4.98	0.98	15.30	9.52	6.30	0.19
12.75	8.12	5.03	0.90	15.35	9.53	6.32	0.19
12.80	8.18	5.09	0.85	15.40	9.55	6.33	0.19
12.85	8.24	5.14	0.80	15.45	9.56	6.34	0.19
12.90	8.29	5.19	0.76	15.50	9.58	6.36	0.19
12.95	8.34	5.23	0.72	15.55	9.59	6.37	0.19

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.18	18.20	10.20	6.93	0.11
15.65	9.62	6.40	0.18	18.25	10.21	6.94	0.11
15.70	9.64	6.41	0.18	18.30	10.22	6.95	0.11
15.75	9.65	6.42	0.18	18.35	10.23	6.96	0.11
15.80	9.66	6.44	0.18	18.40	10.24	6.97	0.11
15.85	9.68	6.45	0.18	18.45	10.24	6.97	0.11
15.90	9.69	6.46	0.18	18.50	10.25	6.98	0.11
15.95	9.70	6.47	0.17	18.55	10.26	6.99	0.11
16.00	9.72	6.49	0.17	18.60	10.27	7.00	0.11
16.05	9.73	6.50	0.17	18.65	10.28	7.01	0.11
16.10	9.74	6.51	0.17	18.70	10.29	7.01	0.11
16.15	9.76	6.52	0.17	18.75	10.30	7.02	0.11
16.20	9.77	6.54	0.17	18.80	10.30	7.03	0.11
16.25	9.78	6.55	0.17	18.85	10.31	7.04	0.11
16.30	9.80	6.56	0.17	18.90	10.32	7.04	0.11
16.35	9.81	6.57	0.16	18.95	10.33	7.05	0.11
16.40	9.82	6.58	0.16	19.00	10.34	7.06	0.11
16.45	9.83	6.59	0.16	19.05	10.35	7.07	0.11
16.50	9.85	6.60	0.16	19.10	10.35	7.08	0.11
16.55	9.86	6.62	0.16	19.15	10.36	7.08	0.11
16.60	9.87	6.63	0.16	19.20	10.37	7.09	0.11
16.65	9.88	6.64	0.16	19.25	10.38	7.10	0.11
16.70	9.89	6.65	0.15	19.30	10.39	7.11	0.11
16.75	9.91	6.66	0.15	19.35	10.40	7.11	0.11
16.80	9.92	6.67	0.15	19.40	10.40	7.12	0.10
16.85	9.93	6.68	0.15	19.45	10.41	7.13	0.10
16.90	9.94	6.69	0.15	19.50	10.42	7.14	0.10
16.95	9.95	6.70	0.15	19.55	10.43	7.14	0.10
17.00	9.96	6.71	0.15	19.60	10.44	7.15	0.10
17.05	9.97	6.72	0.14	19.65	10.44	7.16	0.10
17.10	9.99	6.73	0.14	19.70	10.45	7.17	0.10
17.15	10.00	6.74	0.14	19.75	10.46	7.17	0.10
17.20	10.01	6.75	0.14	19.80	10.47	7.18	0.10
17.25	10.02	6.76	0.14	19.85	10.48	7.19	0.10
17.30	10.03	6.77	0.14	19.90	10.48	7.20	0.10
17.35	10.04	6.78	0.14	19.95	10.49	7.20	0.10
17.40	10.05	6.79	0.13	20.00	10.50	7.21	0.10
17.45	10.06	6.80	0.13	20.05	10.51	7.22	0.10
17.50	10.07	6.81	0.13	20.10	10.52	7.23	0.10
17.55	10.08	6.82	0.13	20.15	10.52	7.23	0.10
17.60	10.09	6.83	0.13	20.20	10.53	7.24	0.10
17.65	10.10	6.84	0.13	20.25	10.54	7.25	0.10
17.70	10.11	6.85	0.13	20.30	10.55	7.25	0.10
17.75	10.12	6.86	0.13	20.35	10.55	7.26	0.10
17.80	10.13	6.87	0.12	20.40	10.56	7.27	0.10
17.85	10.14	6.87	0.12	20.45	10.57	7.28	0.10
17.90	10.15	6.88	0.12	20.50	10.58	7.28	0.10
17.95	10.16	6.89	0.12	20.55	10.58	7.29	0.10
18.00	10.17	6.90	0.12	20.60	10.59	7.30	0.10
18.05	10.17	6.91	0.12	20.65	10.60	7.30	0.10
18.10	10.18	6.92	0.12	20.70	10.61	7.31	0.10
18.15	10.19	6.92	0.11	20.75	10.61	7.32	0.10

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.10	23.40	10.97	7.65	0.08
20.85	10.63	7.33	0.09	23.45	10.97	7.65	0.08
20.90	10.64	7.34	0.09	23.50	10.98	7.66	0.08
20.95	10.64	7.34	0.09	23.55	10.99	7.66	0.08
21.00	10.65	7.35	0.09	23.60	10.99	7.67	0.08
21.05	10.66	7.36	0.09	23.65	11.00	7.67	0.08
21.10	10.66	7.36	0.09	23.70	11.00	7.68	0.08
21.15	10.67	7.37	0.09	23.75	11.01	7.69	0.07
21.20	10.68	7.38	0.09	23.80	11.01	7.69	0.07
21.25	10.69	7.38	0.09	23.85	11.02	7.70	0.07
21.30	10.69	7.39	0.09	23.90	11.03	7.70	0.07
21.35	10.70	7.40	0.09	23.95	11.03	7.71	0.07
21.40	10.71	7.40	0.09	24.00	11.04	7.72	0.08
21.45	10.71	7.41	0.09	24.05	11.04	7.72	0.08
21.50	10.72	7.42	0.09	24.10	11.04	7.72	0.07
21.55	10.73	7.42	0.09	24.15	11.04	7.72	0.04
21.60	10.74	7.43	0.09	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.09	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.09	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.09	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.09	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.09	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.09	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.09	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.09	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.09	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.09	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.09	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.09	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.09	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.09	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.08	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.08	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.08	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.08	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.08	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.08	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.08	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.08	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.08	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.08	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.08	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.08	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.08	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.08	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.08	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.08	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.08	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.08	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.08	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.08	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.08	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 5P: PDA-5 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 6I: PDA-6 (impervious)

Runoff = 7.01 cfs @ 12.17 hrs, Volume= 0.625 af, Depth=10.80"
 Routed to Pond B-6 : Basin #6

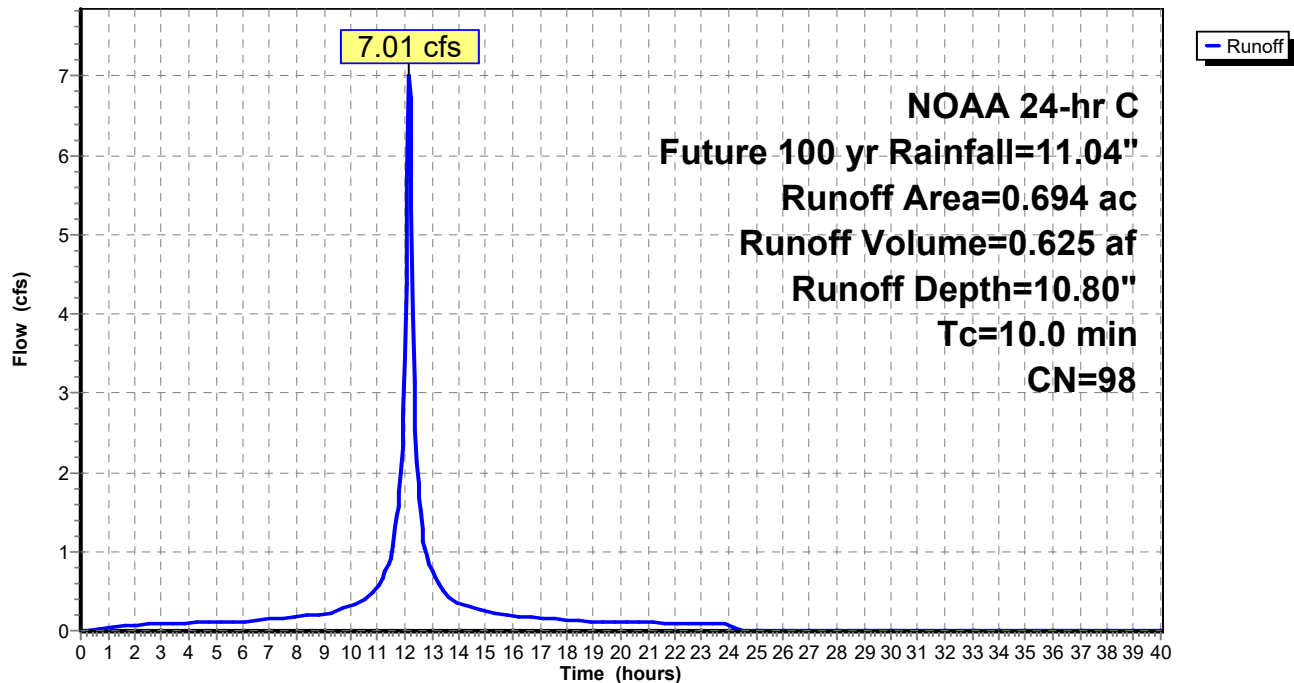
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.459	98	Pavement, HSG C
* 0.129	98	Roof, HSG C
* 0.106	98	Concrete, HSG C
0.694	98	Weighted Average
0.694		100.00% Impervious Area

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

Subcatchment 6I: PDA-6 (impervious)

Hydrograph



Hydrograph for Subcatchment 6I: PDA-6 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.08
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.08
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.08
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.08
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.08
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.08
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.08
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.09
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.09
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.09
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.09
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.09
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.09
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.09
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.09
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.09
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.09
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.09
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.09
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.10
1.35	0.16	0.05	0.05	3.95	0.53	0.35	0.10
1.40	0.17	0.05	0.05	4.00	0.54	0.35	0.10
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.10
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.10
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.10
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.10
1.65	0.20	0.07	0.06	4.25	0.58	0.39	0.10
1.70	0.21	0.08	0.06	4.30	0.59	0.40	0.10
1.75	0.22	0.08	0.06	4.35	0.60	0.41	0.10
1.80	0.22	0.09	0.06	4.40	0.60	0.41	0.10
1.85	0.23	0.09	0.06	4.45	0.61	0.42	0.10
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.10
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.10
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.10
2.05	0.26	0.11	0.07	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.07	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.07	4.75	0.66	0.47	0.11
2.20	0.28	0.13	0.07	4.80	0.67	0.47	0.11
2.25	0.28	0.13	0.07	4.85	0.68	0.48	0.11
2.30	0.29	0.14	0.07	4.90	0.69	0.49	0.11
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.11
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.11
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.11
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.11
2.55	0.33	0.17	0.08	5.15	0.73	0.53	0.11

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.11	7.80	1.27	1.05	0.17
5.25	0.74	0.55	0.11	7.85	1.28	1.07	0.17
5.30	0.75	0.55	0.11	7.90	1.30	1.08	0.18
5.35	0.76	0.56	0.11	7.95	1.31	1.09	0.18
5.40	0.77	0.57	0.11	8.00	1.32	1.11	0.18
5.45	0.78	0.58	0.11	8.05	1.34	1.12	0.18
5.50	0.79	0.59	0.11	8.10	1.35	1.13	0.18
5.55	0.80	0.59	0.11	8.15	1.36	1.15	0.18
5.60	0.80	0.60	0.11	8.20	1.38	1.16	0.19
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.19
5.70	0.82	0.62	0.12	8.30	1.40	1.19	0.19
5.75	0.83	0.63	0.12	8.35	1.42	1.20	0.19
5.80	0.84	0.64	0.12	8.40	1.43	1.21	0.19
5.85	0.85	0.64	0.12	8.45	1.45	1.23	0.19
5.90	0.86	0.65	0.12	8.50	1.46	1.24	0.19
5.95	0.87	0.66	0.12	8.55	1.48	1.26	0.20
6.00	0.87	0.67	0.12	8.60	1.49	1.27	0.20
6.05	0.88	0.68	0.12	8.65	1.51	1.29	0.20
6.10	0.89	0.69	0.12	8.70	1.52	1.30	0.20
6.15	0.90	0.70	0.12	8.75	1.54	1.32	0.20
6.20	0.91	0.71	0.12	8.80	1.55	1.33	0.20
6.25	0.92	0.71	0.12	8.85	1.57	1.35	0.21
6.30	0.93	0.72	0.13	8.90	1.58	1.36	0.21
6.35	0.94	0.73	0.13	8.95	1.60	1.38	0.21
6.40	0.95	0.74	0.13	9.00	1.61	1.39	0.21
6.45	0.96	0.75	0.13	9.05	1.63	1.41	0.21
6.50	0.97	0.76	0.13	9.10	1.64	1.42	0.22
6.55	0.98	0.77	0.13	9.15	1.66	1.44	0.22
6.60	0.99	0.78	0.14	9.20	1.68	1.46	0.23
6.65	1.00	0.79	0.14	9.25	1.70	1.47	0.23
6.70	1.01	0.80	0.14	9.30	1.72	1.49	0.24
6.75	1.02	0.81	0.14	9.35	1.73	1.51	0.24
6.80	1.03	0.82	0.14	9.40	1.75	1.53	0.25
6.85	1.04	0.83	0.14	9.45	1.77	1.55	0.25
6.90	1.05	0.84	0.14	9.50	1.79	1.57	0.26
6.95	1.07	0.85	0.15	9.55	1.81	1.59	0.27
7.00	1.08	0.87	0.15	9.60	1.83	1.61	0.27
7.05	1.09	0.88	0.15	9.65	1.85	1.63	0.28
7.10	1.10	0.89	0.15	9.70	1.88	1.65	0.28
7.15	1.11	0.90	0.15	9.75	1.90	1.67	0.29
7.20	1.12	0.91	0.15	9.80	1.92	1.69	0.29
7.25	1.13	0.92	0.16	9.85	1.94	1.72	0.30
7.30	1.15	0.93	0.16	9.90	1.97	1.74	0.31
7.35	1.16	0.94	0.16	9.95	1.99	1.76	0.31
7.40	1.17	0.96	0.16	10.00	2.01	1.79	0.32
7.45	1.18	0.97	0.16	10.05	2.04	1.81	0.32
7.50	1.19	0.98	0.16	10.10	2.06	1.84	0.33
7.55	1.21	0.99	0.16	10.15	2.09	1.86	0.33
7.60	1.22	1.00	0.17	10.20	2.11	1.89	0.34
7.65	1.23	1.02	0.17	10.25	2.14	1.91	0.35
7.70	1.24	1.03	0.17	10.30	2.17	1.94	0.35
7.75	1.26	1.04	0.17	10.35	2.19	1.97	0.36

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.36	13.00	8.39	8.15	0.78
10.45	2.25	2.02	0.37	13.05	8.43	8.19	0.74
10.50	2.28	2.05	0.38	13.10	8.48	8.24	0.70
10.55	2.31	2.08	0.38	13.15	8.52	8.28	0.66
10.60	2.34	2.11	0.40	13.20	8.56	8.32	0.62
10.65	2.37	2.14	0.41	13.25	8.60	8.36	0.60
10.70	2.41	2.18	0.43	13.30	8.63	8.39	0.57
10.75	2.44	2.21	0.45	13.35	8.67	8.43	0.55
10.80	2.48	2.25	0.47	13.40	8.70	8.46	0.53
10.85	2.52	2.29	0.50	13.45	8.73	8.49	0.50
10.90	2.56	2.33	0.52	13.50	8.76	8.52	0.48
10.95	2.61	2.38	0.54	13.55	8.79	8.55	0.46
11.00	2.65	2.42	0.56	13.60	8.82	8.58	0.44
11.05	2.70	2.47	0.59	13.65	8.85	8.61	0.42
11.10	2.75	2.52	0.62	13.70	8.87	8.63	0.40
11.15	2.80	2.57	0.65	13.75	8.90	8.66	0.39
11.20	2.86	2.63	0.69	13.80	8.93	8.69	0.38
11.25	2.92	2.69	0.73	13.85	8.95	8.71	0.37
11.30	2.98	2.75	0.77	13.90	8.98	8.74	0.37
11.35	3.05	2.82	0.81	13.95	9.00	8.76	0.36
11.40	3.12	2.89	0.85	14.00	9.03	8.79	0.36
11.45	3.19	2.96	0.89	14.05	9.05	8.81	0.35
11.50	3.26	3.03	0.93	14.10	9.07	8.83	0.34
11.55	3.37	3.14	0.98	14.15	9.10	8.86	0.34
11.60	3.49	3.25	1.12	14.20	9.12	8.88	0.33
11.65	3.60	3.37	1.30	14.25	9.14	8.90	0.33
11.70	3.72	3.49	1.45	14.30	9.16	8.92	0.32
11.75	3.88	3.65	1.56	14.35	9.19	8.95	0.32
11.80	4.04	3.81	1.74	14.40	9.21	8.97	0.31
11.85	4.27	4.03	1.98	14.45	9.23	8.99	0.30
11.90	4.49	4.25	2.31	14.50	9.25	9.01	0.30
11.95	4.88	4.64	2.74	14.55	9.27	9.03	0.29
12.00	5.26	5.02	3.44	14.60	9.29	9.05	0.29
12.05	5.91	5.67	4.38	14.65	9.31	9.07	0.28
12.10	6.55	6.31	5.68	14.70	9.32	9.08	0.27
12.15	6.77	6.53	6.91	14.75	9.34	9.10	0.27
12.20	7.00	6.76	6.72	14.80	9.36	9.12	0.26
12.25	7.16	6.92	5.32	14.85	9.38	9.14	0.26
12.30	7.32	7.08	4.01	14.90	9.40	9.15	0.25
12.35	7.44	7.20	3.14	14.95	9.41	9.17	0.25
12.40	7.55	7.31	2.55	15.00	9.43	9.19	0.24
12.45	7.67	7.43	2.13	15.05	9.44	9.20	0.23
12.50	7.78	7.54	1.86	15.10	9.46	9.22	0.23
12.55	7.85	7.61	1.69	15.15	9.47	9.23	0.22
12.60	7.92	7.68	1.50	15.20	9.49	9.25	0.22
12.65	7.99	7.75	1.28	15.25	9.50	9.26	0.22
12.70	8.06	7.82	1.13	15.30	9.52	9.28	0.21
12.75	8.12	7.88	1.03	15.35	9.53	9.29	0.21
12.80	8.18	7.94	0.97	15.40	9.55	9.31	0.21
12.85	8.24	8.00	0.92	15.45	9.56	9.32	0.21
12.90	8.29	8.05	0.87	15.50	9.58	9.34	0.21
12.95	8.34	8.10	0.82	15.55	9.59	9.35	0.21

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.20	18.20	10.20	9.96	0.12
15.65	9.62	9.38	0.20	18.25	10.21	9.97	0.12
15.70	9.64	9.39	0.20	18.30	10.22	9.98	0.12
15.75	9.65	9.41	0.20	18.35	10.23	9.99	0.12
15.80	9.66	9.42	0.20	18.40	10.24	9.99	0.12
15.85	9.68	9.44	0.20	18.45	10.24	10.00	0.12
15.90	9.69	9.45	0.19	18.50	10.25	10.01	0.12
15.95	9.70	9.46	0.19	18.55	10.26	10.02	0.12
16.00	9.72	9.48	0.19	18.60	10.27	10.03	0.12
16.05	9.73	9.49	0.19	18.65	10.28	10.04	0.12
16.10	9.74	9.50	0.19	18.70	10.29	10.05	0.12
16.15	9.76	9.52	0.19	18.75	10.30	10.05	0.12
16.20	9.77	9.53	0.19	18.80	10.30	10.06	0.12
16.25	9.78	9.54	0.18	18.85	10.31	10.07	0.12
16.30	9.80	9.55	0.18	18.90	10.32	10.08	0.12
16.35	9.81	9.57	0.18	18.95	10.33	10.09	0.12
16.40	9.82	9.58	0.18	19.00	10.34	10.10	0.12
16.45	9.83	9.59	0.18	19.05	10.35	10.11	0.12
16.50	9.85	9.60	0.18	19.10	10.35	10.11	0.12
16.55	9.86	9.62	0.17	19.15	10.36	10.12	0.12
16.60	9.87	9.63	0.17	19.20	10.37	10.13	0.12
16.65	9.88	9.64	0.17	19.25	10.38	10.14	0.12
16.70	9.89	9.65	0.17	19.30	10.39	10.15	0.12
16.75	9.91	9.66	0.17	19.35	10.40	10.15	0.12
16.80	9.92	9.68	0.17	19.40	10.40	10.16	0.12
16.85	9.93	9.69	0.17	19.45	10.41	10.17	0.11
16.90	9.94	9.70	0.16	19.50	10.42	10.18	0.11
16.95	9.95	9.71	0.16	19.55	10.43	10.19	0.11
17.00	9.96	9.72	0.16	19.60	10.44	10.20	0.11
17.05	9.97	9.73	0.16	19.65	10.44	10.20	0.11
17.10	9.99	9.74	0.16	19.70	10.45	10.21	0.11
17.15	10.00	9.76	0.16	19.75	10.46	10.22	0.11
17.20	10.01	9.77	0.16	19.80	10.47	10.23	0.11
17.25	10.02	9.78	0.15	19.85	10.48	10.24	0.11
17.30	10.03	9.79	0.15	19.90	10.48	10.24	0.11
17.35	10.04	9.80	0.15	19.95	10.49	10.25	0.11
17.40	10.05	9.81	0.15	20.00	10.50	10.26	0.11
17.45	10.06	9.82	0.15	20.05	10.51	10.27	0.11
17.50	10.07	9.83	0.15	20.10	10.52	10.27	0.11
17.55	10.08	9.84	0.14	20.15	10.52	10.28	0.11
17.60	10.09	9.85	0.14	20.20	10.53	10.29	0.11
17.65	10.10	9.86	0.14	20.25	10.54	10.30	0.11
17.70	10.11	9.87	0.14	20.30	10.55	10.31	0.11
17.75	10.12	9.88	0.14	20.35	10.55	10.31	0.11
17.80	10.13	9.89	0.14	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.14	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.13	20.50	10.58	10.34	0.11
17.95	10.16	9.92	0.13	20.55	10.58	10.34	0.11
18.00	10.17	9.92	0.13	20.60	10.59	10.35	0.11
18.05	10.17	9.93	0.13	20.65	10.60	10.36	0.11
18.10	10.18	9.94	0.13	20.70	10.61	10.37	0.11
18.15	10.19	9.95	0.13	20.75	10.61	10.37	0.10

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.10	23.40	10.97	10.73	0.08
20.85	10.63	10.39	0.10	23.45	10.97	10.73	0.08
20.90	10.64	10.39	0.10	23.50	10.98	10.74	0.08
20.95	10.64	10.40	0.10	23.55	10.99	10.74	0.08
21.00	10.65	10.41	0.10	23.60	10.99	10.75	0.08
21.05	10.66	10.42	0.10	23.65	11.00	10.76	0.08
21.10	10.66	10.42	0.10	23.70	11.00	10.76	0.08
21.15	10.67	10.43	0.10	23.75	11.01	10.77	0.08
21.20	10.68	10.44	0.10	23.80	11.01	10.77	0.08
21.25	10.69	10.45	0.10	23.85	11.02	10.78	0.08
21.30	10.69	10.45	0.10	23.90	11.03	10.78	0.08
21.35	10.70	10.46	0.10	23.95	11.03	10.79	0.08
21.40	10.71	10.47	0.10	24.00	11.04	10.80	0.08
21.45	10.71	10.47	0.10	24.05	11.04	10.80	0.09
21.50	10.72	10.48	0.10	24.10	11.04	10.80	0.07
21.55	10.73	10.49	0.10	24.15	11.04	10.80	0.04
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.10	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.10	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.10	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.09	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.09	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.09	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.09	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.09	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.09	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.09	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.09	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.09	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.09	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.09	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.09	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.09	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.09	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.09	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.09	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.09	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.09	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.09	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.08	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 6I: PDA-6 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 6P: PDA-6 (pervious)

Runoff = 4.15 cfs @ 12.17 hrs, Volume= 0.320 af, Depth= 7.72"
 Routed to Pond B-6 : Basin #6

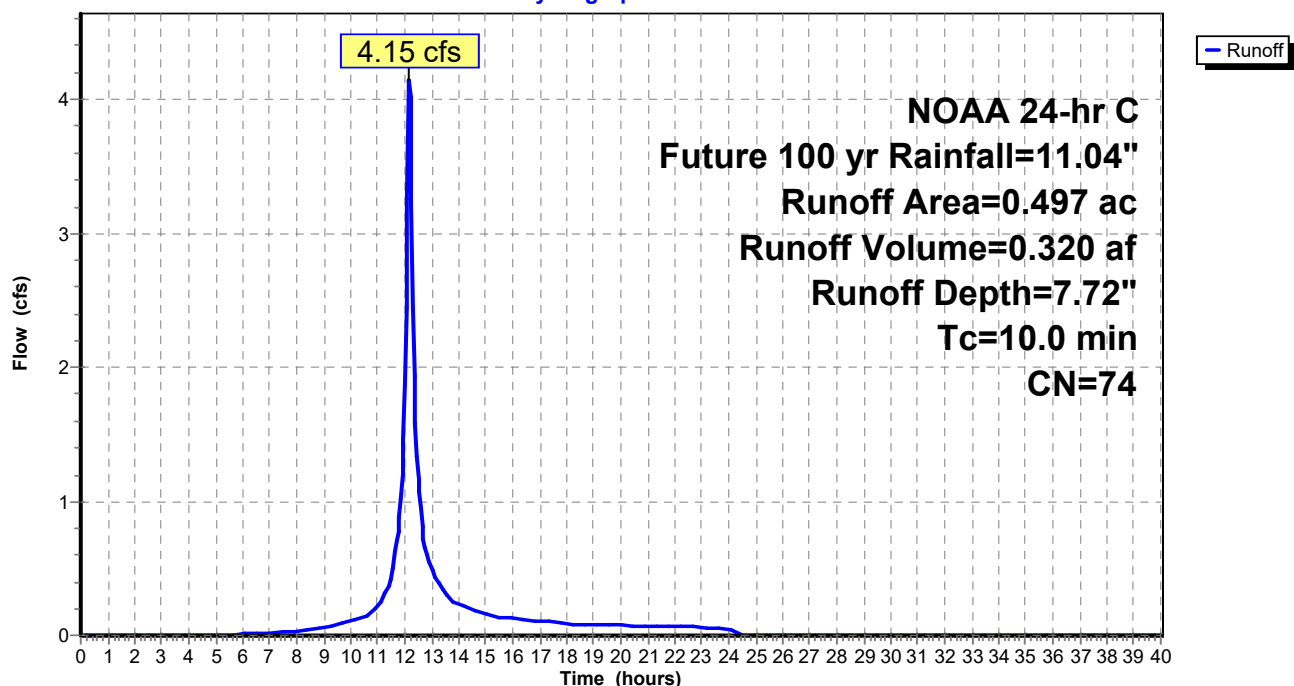
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.497	74	>75% Grass cover, Good, HSG C
0.497		100.00% Pervious Area

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

Subcatchment 6P: PDA-6 (pervious)

Hydrograph



Hydrograph for Subcatchment 6P: PDA-6 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.03
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.03
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.03
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.03
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.03
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.04
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.04
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.04
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.04
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.04
5.70	0.82	0.00	0.00	8.30	1.40	0.12	0.04
5.75	0.83	0.00	0.00	8.35	1.42	0.12	0.04
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.04
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.04
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.04
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.04
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.05
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.05
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.05
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.05
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.05
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.05
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.05
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.05
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.05
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.06
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.06
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.06
6.60	0.99	0.02	0.01	9.20	1.68	0.21	0.06
6.65	1.00	0.02	0.01	9.25	1.70	0.22	0.06
6.70	1.01	0.02	0.01	9.30	1.72	0.23	0.07
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.07
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.07
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.07
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.08
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.08
7.00	1.08	0.04	0.02	9.60	1.83	0.28	0.08
7.05	1.09	0.04	0.02	9.65	1.85	0.28	0.08
7.10	1.10	0.04	0.02	9.70	1.88	0.29	0.09
7.15	1.11	0.04	0.02	9.75	1.90	0.30	0.09
7.20	1.12	0.04	0.02	9.80	1.92	0.31	0.09
7.25	1.13	0.05	0.02	9.85	1.94	0.32	0.09
7.30	1.15	0.05	0.02	9.90	1.97	0.33	0.10
7.35	1.16	0.05	0.02	9.95	1.99	0.34	0.10
7.40	1.17	0.05	0.02	10.00	2.01	0.36	0.10
7.45	1.18	0.06	0.03	10.05	2.04	0.37	0.11
7.50	1.19	0.06	0.03	10.10	2.06	0.38	0.11
7.55	1.21	0.06	0.03	10.15	2.09	0.39	0.11
7.60	1.22	0.07	0.03	10.20	2.11	0.40	0.12
7.65	1.23	0.07	0.03	10.25	2.14	0.42	0.12
7.70	1.24	0.07	0.03	10.30	2.17	0.43	0.12
7.75	1.26	0.08	0.03	10.35	2.19	0.44	0.13

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.13	13.00	8.39	5.28	0.50
10.45	2.25	0.47	0.13	13.05	8.43	5.32	0.48
10.50	2.28	0.49	0.14	13.10	8.48	5.36	0.45
10.55	2.31	0.50	0.14	13.15	8.52	5.39	0.43
10.60	2.34	0.52	0.15	13.20	8.56	5.43	0.40
10.65	2.37	0.54	0.16	13.25	8.60	5.46	0.39
10.70	2.41	0.56	0.16	13.30	8.63	5.50	0.37
10.75	2.44	0.58	0.17	13.35	8.67	5.53	0.36
10.80	2.48	0.60	0.18	13.40	8.70	5.56	0.34
10.85	2.52	0.62	0.20	13.45	8.73	5.59	0.33
10.90	2.56	0.64	0.21	13.50	8.76	5.61	0.31
10.95	2.61	0.67	0.22	13.55	8.79	5.64	0.30
11.00	2.65	0.69	0.23	13.60	8.82	5.67	0.28
11.05	2.70	0.72	0.24	13.65	8.85	5.69	0.27
11.10	2.75	0.75	0.26	13.70	8.87	5.71	0.26
11.15	2.80	0.79	0.28	13.75	8.90	5.74	0.25
11.20	2.86	0.82	0.30	13.80	8.93	5.76	0.25
11.25	2.92	0.86	0.32	13.85	8.95	5.79	0.24
11.30	2.98	0.90	0.34	13.90	8.98	5.81	0.24
11.35	3.05	0.94	0.36	13.95	9.00	5.83	0.24
11.40	3.12	0.98	0.38	14.00	9.03	5.85	0.23
11.45	3.19	1.03	0.41	14.05	9.05	5.88	0.23
11.50	3.26	1.08	0.43	14.10	9.07	5.90	0.22
11.55	3.37	1.15	0.46	14.15	9.10	5.92	0.22
11.60	3.49	1.23	0.53	14.20	9.12	5.94	0.22
11.65	3.60	1.31	0.63	14.25	9.14	5.96	0.21
11.70	3.72	1.39	0.71	14.30	9.16	5.98	0.21
11.75	3.88	1.51	0.78	14.35	9.19	6.00	0.21
11.80	4.04	1.63	0.88	14.40	9.21	6.02	0.20
11.85	4.27	1.79	1.02	14.45	9.23	6.04	0.20
11.90	4.49	1.96	1.21	14.50	9.25	6.06	0.20
11.95	4.88	2.27	1.46	14.55	9.27	6.07	0.19
12.00	5.26	2.57	1.87	14.60	9.29	6.09	0.19
12.05	5.91	3.11	2.45	14.65	9.31	6.11	0.18
12.10	6.55	3.65	3.26	14.70	9.32	6.13	0.18
12.15	6.77	3.85	4.06	14.75	9.34	6.14	0.18
12.20	7.00	4.04	4.02	14.80	9.36	6.16	0.17
12.25	7.16	4.18	3.22	14.85	9.38	6.17	0.17
12.30	7.32	4.32	2.45	14.90	9.40	6.19	0.17
12.35	7.44	4.43	1.94	14.95	9.41	6.21	0.16
12.40	7.55	4.53	1.59	15.00	9.43	6.22	0.16
12.45	7.67	4.63	1.33	15.05	9.44	6.23	0.15
12.50	7.78	4.73	1.17	15.10	9.46	6.25	0.15
12.55	7.85	4.79	1.07	15.15	9.47	6.26	0.15
12.60	7.92	4.86	0.95	15.20	9.49	6.28	0.14
12.65	7.99	4.92	0.82	15.25	9.50	6.29	0.14
12.70	8.06	4.98	0.72	15.30	9.52	6.30	0.14
12.75	8.12	5.03	0.66	15.35	9.53	6.32	0.14
12.80	8.18	5.09	0.62	15.40	9.55	6.33	0.14
12.85	8.24	5.14	0.59	15.45	9.56	6.34	0.14
12.90	8.29	5.19	0.56	15.50	9.58	6.36	0.14
12.95	8.34	5.23	0.53	15.55	9.59	6.37	0.14

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.13	18.20	10.20	6.93	0.08
15.65	9.62	6.40	0.13	18.25	10.21	6.94	0.08
15.70	9.64	6.41	0.13	18.30	10.22	6.95	0.08
15.75	9.65	6.42	0.13	18.35	10.23	6.96	0.08
15.80	9.66	6.44	0.13	18.40	10.24	6.97	0.08
15.85	9.68	6.45	0.13	18.45	10.24	6.97	0.08
15.90	9.69	6.46	0.13	18.50	10.25	6.98	0.08
15.95	9.70	6.47	0.13	18.55	10.26	6.99	0.08
16.00	9.72	6.49	0.13	18.60	10.27	7.00	0.08
16.05	9.73	6.50	0.13	18.65	10.28	7.01	0.08
16.10	9.74	6.51	0.12	18.70	10.29	7.01	0.08
16.15	9.76	6.52	0.12	18.75	10.30	7.02	0.08
16.20	9.77	6.54	0.12	18.80	10.30	7.03	0.08
16.25	9.78	6.55	0.12	18.85	10.31	7.04	0.08
16.30	9.80	6.56	0.12	18.90	10.32	7.04	0.08
16.35	9.81	6.57	0.12	18.95	10.33	7.05	0.08
16.40	9.82	6.58	0.12	19.00	10.34	7.06	0.08
16.45	9.83	6.59	0.12	19.05	10.35	7.07	0.08
16.50	9.85	6.60	0.12	19.10	10.35	7.08	0.08
16.55	9.86	6.62	0.12	19.15	10.36	7.08	0.08
16.60	9.87	6.63	0.11	19.20	10.37	7.09	0.08
16.65	9.88	6.64	0.11	19.25	10.38	7.10	0.08
16.70	9.89	6.65	0.11	19.30	10.39	7.11	0.08
16.75	9.91	6.66	0.11	19.35	10.40	7.11	0.08
16.80	9.92	6.67	0.11	19.40	10.40	7.12	0.08
16.85	9.93	6.68	0.11	19.45	10.41	7.13	0.08
16.90	9.94	6.69	0.11	19.50	10.42	7.14	0.08
16.95	9.95	6.70	0.11	19.55	10.43	7.14	0.08
17.00	9.96	6.71	0.11	19.60	10.44	7.15	0.08
17.05	9.97	6.72	0.11	19.65	10.44	7.16	0.08
17.10	9.99	6.73	0.10	19.70	10.45	7.17	0.08
17.15	10.00	6.74	0.10	19.75	10.46	7.17	0.07
17.20	10.01	6.75	0.10	19.80	10.47	7.18	0.07
17.25	10.02	6.76	0.10	19.85	10.48	7.19	0.07
17.30	10.03	6.77	0.10	19.90	10.48	7.20	0.07
17.35	10.04	6.78	0.10	19.95	10.49	7.20	0.07
17.40	10.05	6.79	0.10	20.00	10.50	7.21	0.07
17.45	10.06	6.80	0.10	20.05	10.51	7.22	0.07
17.50	10.07	6.81	0.10	20.10	10.52	7.23	0.07
17.55	10.08	6.82	0.10	20.15	10.52	7.23	0.07
17.60	10.09	6.83	0.09	20.20	10.53	7.24	0.07
17.65	10.10	6.84	0.09	20.25	10.54	7.25	0.07
17.70	10.11	6.85	0.09	20.30	10.55	7.25	0.07
17.75	10.12	6.86	0.09	20.35	10.55	7.26	0.07
17.80	10.13	6.87	0.09	20.40	10.56	7.27	0.07
17.85	10.14	6.87	0.09	20.45	10.57	7.28	0.07
17.90	10.15	6.88	0.09	20.50	10.58	7.28	0.07
17.95	10.16	6.89	0.09	20.55	10.58	7.29	0.07
18.00	10.17	6.90	0.09	20.60	10.59	7.30	0.07
18.05	10.17	6.91	0.09	20.65	10.60	7.30	0.07
18.10	10.18	6.92	0.08	20.70	10.61	7.31	0.07
18.15	10.19	6.92	0.08	20.75	10.61	7.32	0.07

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.07	23.40	10.97	7.65	0.06
20.85	10.63	7.33	0.07	23.45	10.97	7.65	0.06
20.90	10.64	7.34	0.07	23.50	10.98	7.66	0.06
20.95	10.64	7.34	0.07	23.55	10.99	7.66	0.06
21.00	10.65	7.35	0.07	23.60	10.99	7.67	0.06
21.05	10.66	7.36	0.07	23.65	11.00	7.67	0.06
21.10	10.66	7.36	0.07	23.70	11.00	7.68	0.06
21.15	10.67	7.37	0.07	23.75	11.01	7.69	0.05
21.20	10.68	7.38	0.07	23.80	11.01	7.69	0.05
21.25	10.69	7.38	0.07	23.85	11.02	7.70	0.05
21.30	10.69	7.39	0.07	23.90	11.03	7.70	0.05
21.35	10.70	7.40	0.07	23.95	11.03	7.71	0.05
21.40	10.71	7.40	0.07	24.00	11.04	7.72	0.06
21.45	10.71	7.41	0.07	24.05	11.04	7.72	0.06
21.50	10.72	7.42	0.07	24.10	11.04	7.72	0.05
21.55	10.73	7.42	0.07	24.15	11.04	7.72	0.03
21.60	10.74	7.43	0.07	24.20	11.04	7.72	0.01
21.65	10.74	7.44	0.07	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.07	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.06	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.06	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.06	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.06	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.06	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.06	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.06	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.06	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.06	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.06	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.06	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.06	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.06	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.06	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.06	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.06	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.06	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.06	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.06	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.06	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.06	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.06	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.06	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.06	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.06	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.06	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.06	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.06	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.06	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.06	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.06	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.06	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.06	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 6P: PDA-6 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 7I: PDA-7 (impervious)

Runoff = 9.93 cfs @ 12.17 hrs, Volume= 0.885 af, Depth=10.80"
 Routed to Pond B-7 : Basin #7

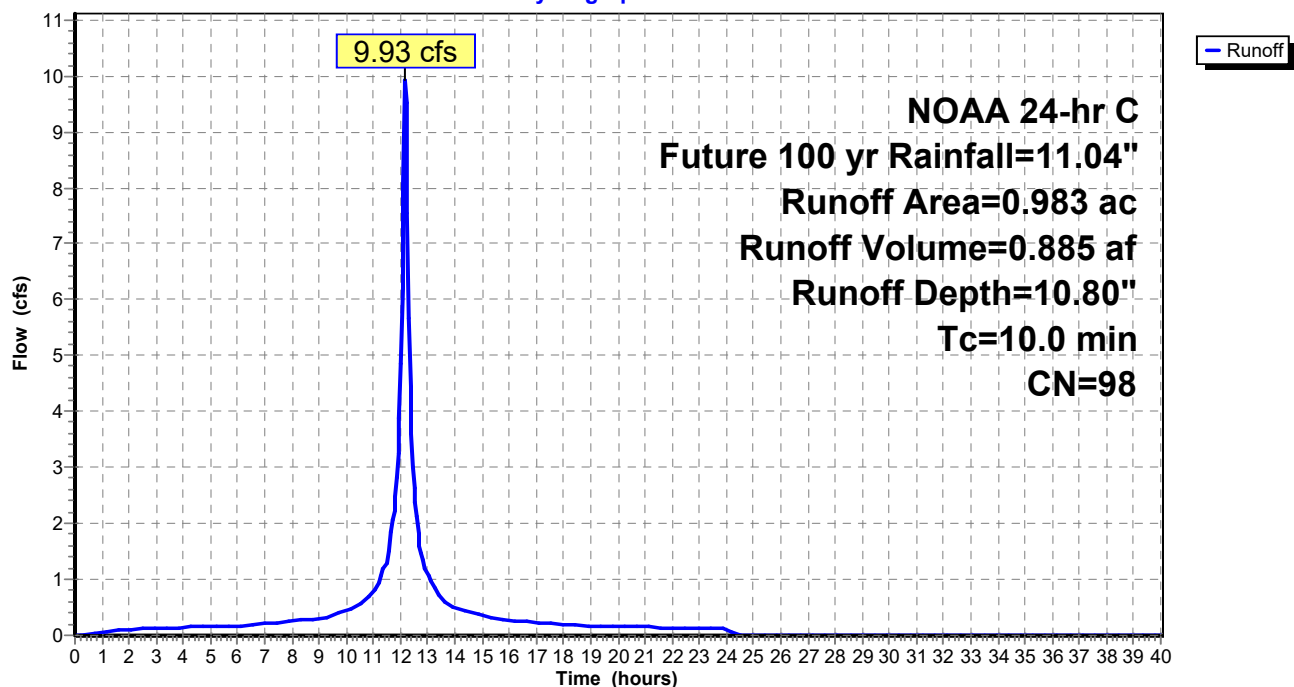
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.886	98	Pavement, HSG C
* 0.097	98	Concrete, HSG C
0.983	98	Weighted Average
0.983		100.00% Impervious Area

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

Subcatchment 7I: PDA-7 (impervious)

Hydrograph



Hydrograph for Subcatchment 7I: PDA-7 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.11
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.11
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.12
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.12
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.12
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.12
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.12
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.12
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.12
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.12
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.12
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.13
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.13
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.13
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.13
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.13
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.13
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.13
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.13
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.13
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.13
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.13
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.14
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.14
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.14
1.30	0.16	0.04	0.07	3.90	0.52	0.34	0.14
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.14
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.14
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.14
1.50	0.18	0.06	0.08	4.10	0.56	0.37	0.14
1.55	0.19	0.06	0.08	4.15	0.56	0.38	0.14
1.60	0.20	0.07	0.08	4.20	0.57	0.38	0.14
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.14
1.70	0.21	0.08	0.09	4.30	0.59	0.40	0.14
1.75	0.22	0.08	0.09	4.35	0.60	0.41	0.15
1.80	0.22	0.09	0.09	4.40	0.60	0.41	0.15
1.85	0.23	0.09	0.09	4.45	0.61	0.42	0.15
1.90	0.24	0.10	0.09	4.50	0.62	0.43	0.15
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.15
2.00	0.25	0.11	0.10	4.60	0.64	0.44	0.15
2.05	0.26	0.11	0.10	4.65	0.64	0.45	0.15
2.10	0.26	0.12	0.10	4.70	0.65	0.46	0.15
2.15	0.27	0.12	0.10	4.75	0.66	0.47	0.15
2.20	0.28	0.13	0.10	4.80	0.67	0.47	0.15
2.25	0.28	0.13	0.10	4.85	0.68	0.48	0.15
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.15
2.35	0.30	0.14	0.11	4.95	0.69	0.50	0.15
2.40	0.30	0.15	0.11	5.00	0.70	0.51	0.15
2.45	0.31	0.15	0.11	5.05	0.71	0.51	0.16
2.50	0.32	0.16	0.11	5.10	0.72	0.52	0.16
2.55	0.33	0.17	0.11	5.15	0.73	0.53	0.16

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.16	7.80	1.27	1.05	0.24
5.25	0.74	0.55	0.16	7.85	1.28	1.07	0.25
5.30	0.75	0.55	0.16	7.90	1.30	1.08	0.25
5.35	0.76	0.56	0.16	7.95	1.31	1.09	0.25
5.40	0.77	0.57	0.16	8.00	1.32	1.11	0.25
5.45	0.78	0.58	0.16	8.05	1.34	1.12	0.26
5.50	0.79	0.59	0.16	8.10	1.35	1.13	0.26
5.55	0.80	0.59	0.16	8.15	1.36	1.15	0.26
5.60	0.80	0.60	0.16	8.20	1.38	1.16	0.26
5.65	0.81	0.61	0.16	8.25	1.39	1.17	0.26
5.70	0.82	0.62	0.16	8.30	1.40	1.19	0.27
5.75	0.83	0.63	0.16	8.35	1.42	1.20	0.27
5.80	0.84	0.64	0.17	8.40	1.43	1.21	0.27
5.85	0.85	0.64	0.17	8.45	1.45	1.23	0.27
5.90	0.86	0.65	0.17	8.50	1.46	1.24	0.28
5.95	0.87	0.66	0.17	8.55	1.48	1.26	0.28
6.00	0.87	0.67	0.17	8.60	1.49	1.27	0.28
6.05	0.88	0.68	0.17	8.65	1.51	1.29	0.28
6.10	0.89	0.69	0.17	8.70	1.52	1.30	0.28
6.15	0.90	0.70	0.17	8.75	1.54	1.32	0.29
6.20	0.91	0.71	0.17	8.80	1.55	1.33	0.29
6.25	0.92	0.71	0.18	8.85	1.57	1.35	0.29
6.30	0.93	0.72	0.18	8.90	1.58	1.36	0.29
6.35	0.94	0.73	0.18	8.95	1.60	1.38	0.30
6.40	0.95	0.74	0.18	9.00	1.61	1.39	0.30
6.45	0.96	0.75	0.18	9.05	1.63	1.41	0.30
6.50	0.97	0.76	0.19	9.10	1.64	1.42	0.31
6.55	0.98	0.77	0.19	9.15	1.66	1.44	0.31
6.60	0.99	0.78	0.19	9.20	1.68	1.46	0.32
6.65	1.00	0.79	0.19	9.25	1.70	1.47	0.33
6.70	1.01	0.80	0.20	9.30	1.72	1.49	0.33
6.75	1.02	0.81	0.20	9.35	1.73	1.51	0.34
6.80	1.03	0.82	0.20	9.40	1.75	1.53	0.35
6.85	1.04	0.83	0.20	9.45	1.77	1.55	0.36
6.90	1.05	0.84	0.20	9.50	1.79	1.57	0.37
6.95	1.07	0.85	0.21	9.55	1.81	1.59	0.38
7.00	1.08	0.87	0.21	9.60	1.83	1.61	0.38
7.05	1.09	0.88	0.21	9.65	1.85	1.63	0.39
7.10	1.10	0.89	0.21	9.70	1.88	1.65	0.40
7.15	1.11	0.90	0.22	9.75	1.90	1.67	0.41
7.20	1.12	0.91	0.22	9.80	1.92	1.69	0.42
7.25	1.13	0.92	0.22	9.85	1.94	1.72	0.42
7.30	1.15	0.93	0.22	9.90	1.97	1.74	0.43
7.35	1.16	0.94	0.22	9.95	1.99	1.76	0.44
7.40	1.17	0.96	0.23	10.00	2.01	1.79	0.45
7.45	1.18	0.97	0.23	10.05	2.04	1.81	0.46
7.50	1.19	0.98	0.23	10.10	2.06	1.84	0.47
7.55	1.21	0.99	0.23	10.15	2.09	1.86	0.47
7.60	1.22	1.00	0.24	10.20	2.11	1.89	0.48
7.65	1.23	1.02	0.24	10.25	2.14	1.91	0.49
7.70	1.24	1.03	0.24	10.30	2.17	1.94	0.50
7.75	1.26	1.04	0.24	10.35	2.19	1.97	0.51

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.52	13.00	8.39	8.15	1.11
10.45	2.25	2.02	0.52	13.05	8.43	8.19	1.05
10.50	2.28	2.05	0.53	13.10	8.48	8.24	0.99
10.55	2.31	2.08	0.54	13.15	8.52	8.28	0.93
10.60	2.34	2.11	0.56	13.20	8.56	8.32	0.88
10.65	2.37	2.14	0.58	13.25	8.60	8.36	0.85
10.70	2.41	2.18	0.61	13.30	8.63	8.39	0.81
10.75	2.44	2.21	0.64	13.35	8.67	8.43	0.78
10.80	2.48	2.25	0.67	13.40	8.70	8.46	0.74
10.85	2.52	2.29	0.70	13.45	8.73	8.49	0.71
10.90	2.56	2.33	0.73	13.50	8.76	8.52	0.68
10.95	2.61	2.38	0.77	13.55	8.79	8.55	0.65
11.00	2.65	2.42	0.80	13.60	8.82	8.58	0.62
11.05	2.70	2.47	0.83	13.65	8.85	8.61	0.59
11.10	2.75	2.52	0.87	13.70	8.87	8.63	0.57
11.15	2.80	2.57	0.92	13.75	8.90	8.66	0.55
11.20	2.86	2.63	0.98	13.80	8.93	8.69	0.54
11.25	2.92	2.69	1.03	13.85	8.95	8.71	0.53
11.30	2.98	2.75	1.09	13.90	8.98	8.74	0.52
11.35	3.05	2.82	1.15	13.95	9.00	8.76	0.51
11.40	3.12	2.89	1.21	14.00	9.03	8.79	0.50
11.45	3.19	2.96	1.27	14.05	9.05	8.81	0.50
11.50	3.26	3.03	1.32	14.10	9.07	8.83	0.49
11.55	3.37	3.14	1.40	14.15	9.10	8.86	0.48
11.60	3.49	3.25	1.58	14.20	9.12	8.88	0.47
11.65	3.60	3.37	1.84	14.25	9.14	8.90	0.46
11.70	3.72	3.49	2.06	14.30	9.16	8.92	0.46
11.75	3.88	3.65	2.22	14.35	9.19	8.95	0.45
11.80	4.04	3.81	2.46	14.40	9.21	8.97	0.44
11.85	4.27	4.03	2.80	14.45	9.23	8.99	0.43
11.90	4.49	4.25	3.27	14.50	9.25	9.01	0.42
11.95	4.88	4.64	3.89	14.55	9.27	9.03	0.41
12.00	5.26	5.02	4.87	14.60	9.29	9.05	0.41
12.05	5.91	5.67	6.20	14.65	9.31	9.07	0.40
12.10	6.55	6.31	8.05	14.70	9.32	9.08	0.39
12.15	6.77	6.53	9.79	14.75	9.34	9.10	0.38
12.20	7.00	6.76	9.52	14.80	9.36	9.12	0.37
12.25	7.16	6.92	7.54	14.85	9.38	9.14	0.37
12.30	7.32	7.08	5.68	14.90	9.40	9.15	0.36
12.35	7.44	7.20	4.45	14.95	9.41	9.17	0.35
12.40	7.55	7.31	3.61	15.00	9.43	9.19	0.34
12.45	7.67	7.43	3.01	15.05	9.44	9.20	0.33
12.50	7.78	7.54	2.63	15.10	9.46	9.22	0.32
12.55	7.85	7.61	2.39	15.15	9.47	9.23	0.32
12.60	7.92	7.68	2.12	15.20	9.49	9.25	0.31
12.65	7.99	7.75	1.82	15.25	9.50	9.26	0.31
12.70	8.06	7.82	1.59	15.30	9.52	9.28	0.30
12.75	8.12	7.88	1.46	15.35	9.53	9.29	0.30
12.80	8.18	7.94	1.37	15.40	9.55	9.31	0.30
12.85	8.24	8.00	1.30	15.45	9.56	9.32	0.30
12.90	8.29	8.05	1.23	15.50	9.58	9.34	0.29
12.95	8.34	8.10	1.17	15.55	9.59	9.35	0.29

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.29	18.20	10.20	9.96	0.18
15.65	9.62	9.38	0.29	18.25	10.21	9.97	0.18
15.70	9.64	9.39	0.29	18.30	10.22	9.98	0.18
15.75	9.65	9.41	0.28	18.35	10.23	9.99	0.17
15.80	9.66	9.42	0.28	18.40	10.24	9.99	0.17
15.85	9.68	9.44	0.28	18.45	10.24	10.00	0.17
15.90	9.69	9.45	0.28	18.50	10.25	10.01	0.17
15.95	9.70	9.46	0.27	18.55	10.26	10.02	0.17
16.00	9.72	9.48	0.27	18.60	10.27	10.03	0.17
16.05	9.73	9.49	0.27	18.65	10.28	10.04	0.17
16.10	9.74	9.50	0.27	18.70	10.29	10.05	0.17
16.15	9.76	9.52	0.27	18.75	10.30	10.05	0.17
16.20	9.77	9.53	0.26	18.80	10.30	10.06	0.17
16.25	9.78	9.54	0.26	18.85	10.31	10.07	0.17
16.30	9.80	9.55	0.26	18.90	10.32	10.08	0.17
16.35	9.81	9.57	0.26	18.95	10.33	10.09	0.17
16.40	9.82	9.58	0.25	19.00	10.34	10.10	0.17
16.45	9.83	9.59	0.25	19.05	10.35	10.11	0.17
16.50	9.85	9.60	0.25	19.10	10.35	10.11	0.17
16.55	9.86	9.62	0.25	19.15	10.36	10.12	0.17
16.60	9.87	9.63	0.25	19.20	10.37	10.13	0.17
16.65	9.88	9.64	0.24	19.25	10.38	10.14	0.16
16.70	9.89	9.65	0.24	19.30	10.39	10.15	0.16
16.75	9.91	9.66	0.24	19.35	10.40	10.15	0.16
16.80	9.92	9.68	0.24	19.40	10.40	10.16	0.16
16.85	9.93	9.69	0.23	19.45	10.41	10.17	0.16
16.90	9.94	9.70	0.23	19.50	10.42	10.18	0.16
16.95	9.95	9.71	0.23	19.55	10.43	10.19	0.16
17.00	9.96	9.72	0.23	19.60	10.44	10.20	0.16
17.05	9.97	9.73	0.23	19.65	10.44	10.20	0.16
17.10	9.99	9.74	0.22	19.70	10.45	10.21	0.16
17.15	10.00	9.76	0.22	19.75	10.46	10.22	0.16
17.20	10.01	9.77	0.22	19.80	10.47	10.23	0.16
17.25	10.02	9.78	0.22	19.85	10.48	10.24	0.16
17.30	10.03	9.79	0.22	19.90	10.48	10.24	0.16
17.35	10.04	9.80	0.21	19.95	10.49	10.25	0.16
17.40	10.05	9.81	0.21	20.00	10.50	10.26	0.16
17.45	10.06	9.82	0.21	20.05	10.51	10.27	0.16
17.50	10.07	9.83	0.21	20.10	10.52	10.27	0.16
17.55	10.08	9.84	0.20	20.15	10.52	10.28	0.15
17.60	10.09	9.85	0.20	20.20	10.53	10.29	0.15
17.65	10.10	9.86	0.20	20.25	10.54	10.30	0.15
17.70	10.11	9.87	0.20	20.30	10.55	10.31	0.15
17.75	10.12	9.88	0.20	20.35	10.55	10.31	0.15
17.80	10.13	9.89	0.19	20.40	10.56	10.32	0.15
17.85	10.14	9.90	0.19	20.45	10.57	10.33	0.15
17.90	10.15	9.91	0.19	20.50	10.58	10.34	0.15
17.95	10.16	9.92	0.19	20.55	10.58	10.34	0.15
18.00	10.17	9.92	0.19	20.60	10.59	10.35	0.15
18.05	10.17	9.93	0.18	20.65	10.60	10.36	0.15
18.10	10.18	9.94	0.18	20.70	10.61	10.37	0.15
18.15	10.19	9.95	0.18	20.75	10.61	10.37	0.15

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.15	23.40	10.97	10.73	0.12
20.85	10.63	10.39	0.15	23.45	10.97	10.73	0.12
20.90	10.64	10.39	0.15	23.50	10.98	10.74	0.12
20.95	10.64	10.40	0.15	23.55	10.99	10.74	0.12
21.00	10.65	10.41	0.15	23.60	10.99	10.75	0.12
21.05	10.66	10.42	0.14	23.65	11.00	10.76	0.12
21.10	10.66	10.42	0.14	23.70	11.00	10.76	0.12
21.15	10.67	10.43	0.14	23.75	11.01	10.77	0.12
21.20	10.68	10.44	0.14	23.80	11.01	10.77	0.12
21.25	10.69	10.45	0.14	23.85	11.02	10.78	0.11
21.30	10.69	10.45	0.14	23.90	11.03	10.78	0.11
21.35	10.70	10.46	0.14	23.95	11.03	10.79	0.11
21.40	10.71	10.47	0.14	24.00	11.04	10.80	0.12
21.45	10.71	10.47	0.14	24.05	11.04	10.80	0.12
21.50	10.72	10.48	0.14	24.10	11.04	10.80	0.10
21.55	10.73	10.49	0.14	24.15	11.04	10.80	0.06
21.60	10.74	10.49	0.14	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.14	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.14	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.14	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.14	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.14	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.14	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.14	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.13	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.13	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.13	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.13	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.13	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.13	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.13	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.13	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.13	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.13	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.13	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.13	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.13	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.13	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.13	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.13	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.13	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.13	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.12	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.12	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.12	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.12	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.12	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.12	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.12	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.12	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.12	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.12	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 7I: PDA-7 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 7P: PDA-7 (pervious)

Runoff = 4.85 cfs @ 12.17 hrs, Volume= 0.374 af, Depth= 7.72"
 Routed to Pond B-7 : Basin #7

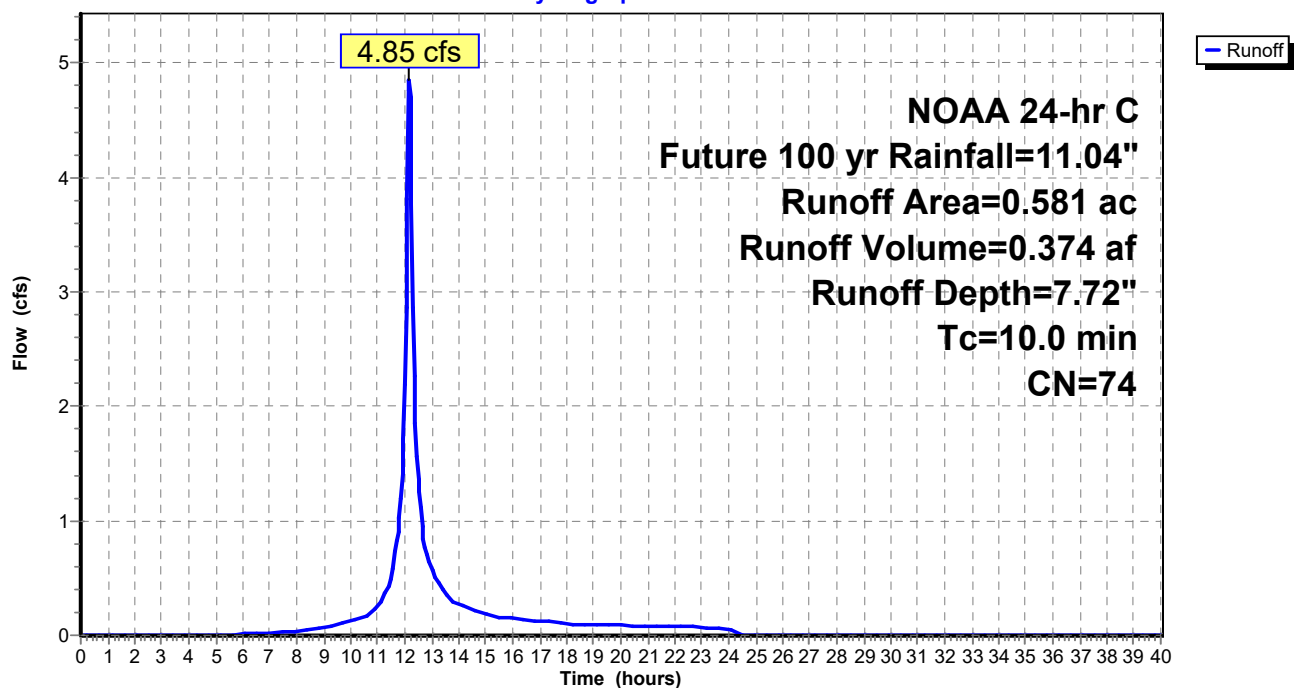
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.581	74	>75% Grass cover, Good, HSG C
0.581		100.00% Pervious Area

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

Subcatchment 7P: PDA-7 (pervious)

Hydrograph



Hydrograph for Subcatchment 7P: PDA-7 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.04
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.04
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.04
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.04
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.04
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.04
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.04
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.04
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.04
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.05
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.05
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.05
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.05
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.05
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.05
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.05
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.05
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.05
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.06
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.06
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.06
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.06
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.06
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.06
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.06
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.06
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.07
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.07
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.07
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.07
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.08
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.08
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.08
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.09
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.09
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.09
7.00	1.08	0.04	0.02	9.60	1.83	0.28	0.09
7.05	1.09	0.04	0.02	9.65	1.85	0.28	0.10
7.10	1.10	0.04	0.02	9.70	1.88	0.29	0.10
7.15	1.11	0.04	0.02	9.75	1.90	0.30	0.10
7.20	1.12	0.04	0.02	9.80	1.92	0.31	0.11
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.11
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.11
7.35	1.16	0.05	0.03	9.95	1.99	0.34	0.12
7.40	1.17	0.05	0.03	10.00	2.01	0.36	0.12
7.45	1.18	0.06	0.03	10.05	2.04	0.37	0.13
7.50	1.19	0.06	0.03	10.10	2.06	0.38	0.13
7.55	1.21	0.06	0.03	10.15	2.09	0.39	0.13
7.60	1.22	0.07	0.03	10.20	2.11	0.40	0.14
7.65	1.23	0.07	0.03	10.25	2.14	0.42	0.14
7.70	1.24	0.07	0.03	10.30	2.17	0.43	0.14
7.75	1.26	0.08	0.04	10.35	2.19	0.44	0.15

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.15	13.00	8.39	5.28	0.59
10.45	2.25	0.47	0.16	13.05	8.43	5.32	0.56
10.50	2.28	0.49	0.16	13.10	8.48	5.36	0.53
10.55	2.31	0.50	0.17	13.15	8.52	5.39	0.50
10.60	2.34	0.52	0.17	13.20	8.56	5.43	0.47
10.65	2.37	0.54	0.18	13.25	8.60	5.46	0.45
10.70	2.41	0.56	0.19	13.30	8.63	5.50	0.43
10.75	2.44	0.58	0.20	13.35	8.67	5.53	0.42
10.80	2.48	0.60	0.22	13.40	8.70	5.56	0.40
10.85	2.52	0.62	0.23	13.45	8.73	5.59	0.38
10.90	2.56	0.64	0.24	13.50	8.76	5.61	0.37
10.95	2.61	0.67	0.25	13.55	8.79	5.64	0.35
11.00	2.65	0.69	0.27	13.60	8.82	5.67	0.33
11.05	2.70	0.72	0.28	13.65	8.85	5.69	0.32
11.10	2.75	0.75	0.30	13.70	8.87	5.71	0.30
11.15	2.80	0.79	0.32	13.75	8.90	5.74	0.30
11.20	2.86	0.82	0.35	13.80	8.93	5.76	0.29
11.25	2.92	0.86	0.37	13.85	8.95	5.79	0.29
11.30	2.98	0.90	0.40	13.90	8.98	5.81	0.28
11.35	3.05	0.94	0.42	13.95	9.00	5.83	0.28
11.40	3.12	0.98	0.45	14.00	9.03	5.85	0.27
11.45	3.19	1.03	0.48	14.05	9.05	5.88	0.27
11.50	3.26	1.08	0.50	14.10	9.07	5.90	0.26
11.55	3.37	1.15	0.54	14.15	9.10	5.92	0.26
11.60	3.49	1.23	0.62	14.20	9.12	5.94	0.25
11.65	3.60	1.31	0.73	14.25	9.14	5.96	0.25
11.70	3.72	1.39	0.83	14.30	9.16	5.98	0.25
11.75	3.88	1.51	0.91	14.35	9.19	6.00	0.24
11.80	4.04	1.63	1.02	14.40	9.21	6.02	0.24
11.85	4.27	1.79	1.19	14.45	9.23	6.04	0.23
11.90	4.49	1.96	1.41	14.50	9.25	6.06	0.23
11.95	4.88	2.27	1.71	14.55	9.27	6.07	0.22
12.00	5.26	2.57	2.19	14.60	9.29	6.09	0.22
12.05	5.91	3.11	2.86	14.65	9.31	6.11	0.22
12.10	6.55	3.65	3.81	14.70	9.32	6.13	0.21
12.15	6.77	3.85	4.75	14.75	9.34	6.14	0.21
12.20	7.00	4.04	4.70	14.80	9.36	6.16	0.20
12.25	7.16	4.18	3.77	14.85	9.38	6.17	0.20
12.30	7.32	4.32	2.87	14.90	9.40	6.19	0.19
12.35	7.44	4.43	2.27	14.95	9.41	6.21	0.19
12.40	7.55	4.53	1.85	15.00	9.43	6.22	0.18
12.45	7.67	4.63	1.56	15.05	9.44	6.23	0.18
12.50	7.78	4.73	1.37	15.10	9.46	6.25	0.18
12.55	7.85	4.79	1.25	15.15	9.47	6.26	0.17
12.60	7.92	4.86	1.11	15.20	9.49	6.28	0.17
12.65	7.99	4.92	0.95	15.25	9.50	6.29	0.17
12.70	8.06	4.98	0.84	15.30	9.52	6.30	0.16
12.75	8.12	5.03	0.77	15.35	9.53	6.32	0.16
12.80	8.18	5.09	0.72	15.40	9.55	6.33	0.16
12.85	8.24	5.14	0.69	15.45	9.56	6.34	0.16
12.90	8.29	5.19	0.65	15.50	9.58	6.36	0.16
12.95	8.34	5.23	0.62	15.55	9.59	6.37	0.16

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.16	18.20	10.20	6.93	0.10
15.65	9.62	6.40	0.16	18.25	10.21	6.94	0.10
15.70	9.64	6.41	0.16	18.30	10.22	6.95	0.10
15.75	9.65	6.42	0.15	18.35	10.23	6.96	0.10
15.80	9.66	6.44	0.15	18.40	10.24	6.97	0.10
15.85	9.68	6.45	0.15	18.45	10.24	6.97	0.10
15.90	9.69	6.46	0.15	18.50	10.25	6.98	0.09
15.95	9.70	6.47	0.15	18.55	10.26	6.99	0.09
16.00	9.72	6.49	0.15	18.60	10.27	7.00	0.09
16.05	9.73	6.50	0.15	18.65	10.28	7.01	0.09
16.10	9.74	6.51	0.15	18.70	10.29	7.01	0.09
16.15	9.76	6.52	0.14	18.75	10.30	7.02	0.09
16.20	9.77	6.54	0.14	18.80	10.30	7.03	0.09
16.25	9.78	6.55	0.14	18.85	10.31	7.04	0.09
16.30	9.80	6.56	0.14	18.90	10.32	7.04	0.09
16.35	9.81	6.57	0.14	18.95	10.33	7.05	0.09
16.40	9.82	6.58	0.14	19.00	10.34	7.06	0.09
16.45	9.83	6.59	0.14	19.05	10.35	7.07	0.09
16.50	9.85	6.60	0.14	19.10	10.35	7.08	0.09
16.55	9.86	6.62	0.14	19.15	10.36	7.08	0.09
16.60	9.87	6.63	0.13	19.20	10.37	7.09	0.09
16.65	9.88	6.64	0.13	19.25	10.38	7.10	0.09
16.70	9.89	6.65	0.13	19.30	10.39	7.11	0.09
16.75	9.91	6.66	0.13	19.35	10.40	7.11	0.09
16.80	9.92	6.67	0.13	19.40	10.40	7.12	0.09
16.85	9.93	6.68	0.13	19.45	10.41	7.13	0.09
16.90	9.94	6.69	0.13	19.50	10.42	7.14	0.09
16.95	9.95	6.70	0.13	19.55	10.43	7.14	0.09
17.00	9.96	6.71	0.12	19.60	10.44	7.15	0.09
17.05	9.97	6.72	0.12	19.65	10.44	7.16	0.09
17.10	9.99	6.73	0.12	19.70	10.45	7.17	0.09
17.15	10.00	6.74	0.12	19.75	10.46	7.17	0.09
17.20	10.01	6.75	0.12	19.80	10.47	7.18	0.09
17.25	10.02	6.76	0.12	19.85	10.48	7.19	0.09
17.30	10.03	6.77	0.12	19.90	10.48	7.20	0.09
17.35	10.04	6.78	0.12	19.95	10.49	7.20	0.09
17.40	10.05	6.79	0.12	20.00	10.50	7.21	0.09
17.45	10.06	6.80	0.11	20.05	10.51	7.22	0.09
17.50	10.07	6.81	0.11	20.10	10.52	7.23	0.09
17.55	10.08	6.82	0.11	20.15	10.52	7.23	0.09
17.60	10.09	6.83	0.11	20.20	10.53	7.24	0.08
17.65	10.10	6.84	0.11	20.25	10.54	7.25	0.08
17.70	10.11	6.85	0.11	20.30	10.55	7.25	0.08
17.75	10.12	6.86	0.11	20.35	10.55	7.26	0.08
17.80	10.13	6.87	0.11	20.40	10.56	7.27	0.08
17.85	10.14	6.87	0.10	20.45	10.57	7.28	0.08
17.90	10.15	6.88	0.10	20.50	10.58	7.28	0.08
17.95	10.16	6.89	0.10	20.55	10.58	7.29	0.08
18.00	10.17	6.90	0.10	20.60	10.59	7.30	0.08
18.05	10.17	6.91	0.10	20.65	10.60	7.30	0.08
18.10	10.18	6.92	0.10	20.70	10.61	7.31	0.08
18.15	10.19	6.92	0.10	20.75	10.61	7.32	0.08

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.08	23.40	10.97	7.65	0.07
20.85	10.63	7.33	0.08	23.45	10.97	7.65	0.07
20.90	10.64	7.34	0.08	23.50	10.98	7.66	0.07
20.95	10.64	7.34	0.08	23.55	10.99	7.66	0.07
21.00	10.65	7.35	0.08	23.60	10.99	7.67	0.06
21.05	10.66	7.36	0.08	23.65	11.00	7.67	0.06
21.10	10.66	7.36	0.08	23.70	11.00	7.68	0.06
21.15	10.67	7.37	0.08	23.75	11.01	7.69	0.06
21.20	10.68	7.38	0.08	23.80	11.01	7.69	0.06
21.25	10.69	7.38	0.08	23.85	11.02	7.70	0.06
21.30	10.69	7.39	0.08	23.90	11.03	7.70	0.06
21.35	10.70	7.40	0.08	23.95	11.03	7.71	0.06
21.40	10.71	7.40	0.08	24.00	11.04	7.72	0.07
21.45	10.71	7.41	0.08	24.05	11.04	7.72	0.07
21.50	10.72	7.42	0.08	24.10	11.04	7.72	0.06
21.55	10.73	7.42	0.08	24.15	11.04	7.72	0.03
21.60	10.74	7.43	0.08	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.08	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.08	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.08	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.08	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.08	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.08	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.07	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.07	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.07	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.07	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.07	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.07	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.07	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.07	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.07	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.07	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.07	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.07	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.07	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.07	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.07	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.07	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.07	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.07	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.07	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.07	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.07	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.07	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.07	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.07	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.07	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.07	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.07	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.07	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.07	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 7P: PDA-7 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 8I: PDA-8 (impervious)

Runoff = 4.87 cfs @ 12.17 hrs, Volume= 0.434 af, Depth=10.80"
 Routed to Pond B-8 : Basin #8

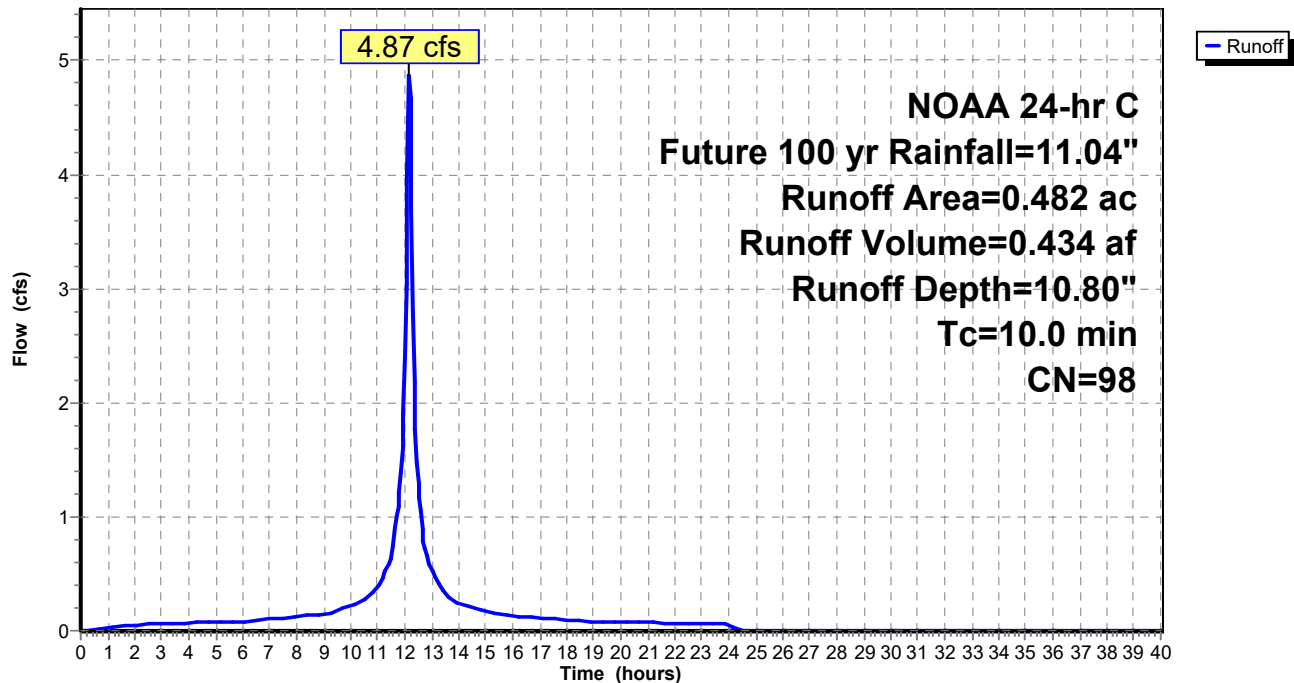
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.482	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.482	98	Weighted Average
0.482		100.00% Impervious Area

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

Subcatchment 8I: PDA-8 (impervious)

Hydrograph



Hydrograph for Subcatchment 8I: PDA-8 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.06
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.06
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.06
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.06
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.06
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.06
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.06
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.06
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.06
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.06
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.06
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.06
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.06
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.06
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.06
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.06
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.06
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.06
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.06
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.06
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.07
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.07
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.07
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.07
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.07
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.07
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.07
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.07
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.07
1.45	0.18	0.05	0.04	4.05	0.55	0.36	0.07
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.07
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.07
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.07
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.07
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.07
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.07
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.07
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.07
1.90	0.24	0.10	0.05	4.50	0.62	0.43	0.07
1.95	0.24	0.10	0.05	4.55	0.63	0.44	0.07
2.00	0.25	0.11	0.05	4.60	0.64	0.44	0.07
2.05	0.26	0.11	0.05	4.65	0.64	0.45	0.07
2.10	0.26	0.12	0.05	4.70	0.65	0.46	0.07
2.15	0.27	0.12	0.05	4.75	0.66	0.47	0.07
2.20	0.28	0.13	0.05	4.80	0.67	0.47	0.07
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.07
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.08
2.35	0.30	0.14	0.05	4.95	0.69	0.50	0.08
2.40	0.30	0.15	0.05	5.00	0.70	0.51	0.08
2.45	0.31	0.15	0.05	5.05	0.71	0.51	0.08
2.50	0.32	0.16	0.05	5.10	0.72	0.52	0.08
2.55	0.33	0.17	0.05	5.15	0.73	0.53	0.08

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.08	7.80	1.27	1.05	0.12
5.25	0.74	0.55	0.08	7.85	1.28	1.07	0.12
5.30	0.75	0.55	0.08	7.90	1.30	1.08	0.12
5.35	0.76	0.56	0.08	7.95	1.31	1.09	0.12
5.40	0.77	0.57	0.08	8.00	1.32	1.11	0.12
5.45	0.78	0.58	0.08	8.05	1.34	1.12	0.13
5.50	0.79	0.59	0.08	8.10	1.35	1.13	0.13
5.55	0.80	0.59	0.08	8.15	1.36	1.15	0.13
5.60	0.80	0.60	0.08	8.20	1.38	1.16	0.13
5.65	0.81	0.61	0.08	8.25	1.39	1.17	0.13
5.70	0.82	0.62	0.08	8.30	1.40	1.19	0.13
5.75	0.83	0.63	0.08	8.35	1.42	1.20	0.13
5.80	0.84	0.64	0.08	8.40	1.43	1.21	0.13
5.85	0.85	0.64	0.08	8.45	1.45	1.23	0.13
5.90	0.86	0.65	0.08	8.50	1.46	1.24	0.14
5.95	0.87	0.66	0.08	8.55	1.48	1.26	0.14
6.00	0.87	0.67	0.08	8.60	1.49	1.27	0.14
6.05	0.88	0.68	0.08	8.65	1.51	1.29	0.14
6.10	0.89	0.69	0.08	8.70	1.52	1.30	0.14
6.15	0.90	0.70	0.08	8.75	1.54	1.32	0.14
6.20	0.91	0.71	0.09	8.80	1.55	1.33	0.14
6.25	0.92	0.71	0.09	8.85	1.57	1.35	0.14
6.30	0.93	0.72	0.09	8.90	1.58	1.36	0.14
6.35	0.94	0.73	0.09	8.95	1.60	1.38	0.14
6.40	0.95	0.74	0.09	9.00	1.61	1.39	0.15
6.45	0.96	0.75	0.09	9.05	1.63	1.41	0.15
6.50	0.97	0.76	0.09	9.10	1.64	1.42	0.15
6.55	0.98	0.77	0.09	9.15	1.66	1.44	0.15
6.60	0.99	0.78	0.09	9.20	1.68	1.46	0.16
6.65	1.00	0.79	0.09	9.25	1.70	1.47	0.16
6.70	1.01	0.80	0.10	9.30	1.72	1.49	0.16
6.75	1.02	0.81	0.10	9.35	1.73	1.51	0.17
6.80	1.03	0.82	0.10	9.40	1.75	1.53	0.17
6.85	1.04	0.83	0.10	9.45	1.77	1.55	0.18
6.90	1.05	0.84	0.10	9.50	1.79	1.57	0.18
6.95	1.07	0.85	0.10	9.55	1.81	1.59	0.18
7.00	1.08	0.87	0.10	9.60	1.83	1.61	0.19
7.05	1.09	0.88	0.10	9.65	1.85	1.63	0.19
7.10	1.10	0.89	0.10	9.70	1.88	1.65	0.20
7.15	1.11	0.90	0.11	9.75	1.90	1.67	0.20
7.20	1.12	0.91	0.11	9.80	1.92	1.69	0.20
7.25	1.13	0.92	0.11	9.85	1.94	1.72	0.21
7.30	1.15	0.93	0.11	9.90	1.97	1.74	0.21
7.35	1.16	0.94	0.11	9.95	1.99	1.76	0.22
7.40	1.17	0.96	0.11	10.00	2.01	1.79	0.22
7.45	1.18	0.97	0.11	10.05	2.04	1.81	0.22
7.50	1.19	0.98	0.11	10.10	2.06	1.84	0.23
7.55	1.21	0.99	0.11	10.15	2.09	1.86	0.23
7.60	1.22	1.00	0.12	10.20	2.11	1.89	0.24
7.65	1.23	1.02	0.12	10.25	2.14	1.91	0.24
7.70	1.24	1.03	0.12	10.30	2.17	1.94	0.24
7.75	1.26	1.04	0.12	10.35	2.19	1.97	0.25

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.25	13.00	8.39	8.15	0.54
10.45	2.25	2.02	0.26	13.05	8.43	8.19	0.51
10.50	2.28	2.05	0.26	13.10	8.48	8.24	0.49
10.55	2.31	2.08	0.27	13.15	8.52	8.28	0.46
10.60	2.34	2.11	0.27	13.20	8.56	8.32	0.43
10.65	2.37	2.14	0.29	13.25	8.60	8.36	0.41
10.70	2.41	2.18	0.30	13.30	8.63	8.39	0.40
10.75	2.44	2.21	0.31	13.35	8.67	8.43	0.38
10.80	2.48	2.25	0.33	13.40	8.70	8.46	0.37
10.85	2.52	2.29	0.34	13.45	8.73	8.49	0.35
10.90	2.56	2.33	0.36	13.50	8.76	8.52	0.33
10.95	2.61	2.38	0.38	13.55	8.79	8.55	0.32
11.00	2.65	2.42	0.39	13.60	8.82	8.58	0.30
11.05	2.70	2.47	0.41	13.65	8.85	8.61	0.29
11.10	2.75	2.52	0.43	13.70	8.87	8.63	0.28
11.15	2.80	2.57	0.45	13.75	8.90	8.66	0.27
11.20	2.86	2.63	0.48	13.80	8.93	8.69	0.26
11.25	2.92	2.69	0.51	13.85	8.95	8.71	0.26
11.30	2.98	2.75	0.54	13.90	8.98	8.74	0.26
11.35	3.05	2.82	0.56	13.95	9.00	8.76	0.25
11.40	3.12	2.89	0.59	14.00	9.03	8.79	0.25
11.45	3.19	2.96	0.62	14.05	9.05	8.81	0.24
11.50	3.26	3.03	0.65	14.10	9.07	8.83	0.24
11.55	3.37	3.14	0.68	14.15	9.10	8.86	0.24
11.60	3.49	3.25	0.77	14.20	9.12	8.88	0.23
11.65	3.60	3.37	0.90	14.25	9.14	8.90	0.23
11.70	3.72	3.49	1.01	14.30	9.16	8.92	0.22
11.75	3.88	3.65	1.09	14.35	9.19	8.95	0.22
11.80	4.04	3.81	1.21	14.40	9.21	8.97	0.21
11.85	4.27	4.03	1.37	14.45	9.23	8.99	0.21
11.90	4.49	4.25	1.60	14.50	9.25	9.01	0.21
11.95	4.88	4.64	1.91	14.55	9.27	9.03	0.20
12.00	5.26	5.02	2.39	14.60	9.29	9.05	0.20
12.05	5.91	5.67	3.04	14.65	9.31	9.07	0.20
12.10	6.55	6.31	3.95	14.70	9.32	9.08	0.19
12.15	6.77	6.53	4.80	14.75	9.34	9.10	0.19
12.20	7.00	6.76	4.67	14.80	9.36	9.12	0.18
12.25	7.16	6.92	3.70	14.85	9.38	9.14	0.18
12.30	7.32	7.08	2.78	14.90	9.40	9.15	0.17
12.35	7.44	7.20	2.18	14.95	9.41	9.17	0.17
12.40	7.55	7.31	1.77	15.00	9.43	9.19	0.17
12.45	7.67	7.43	1.48	15.05	9.44	9.20	0.16
12.50	7.78	7.54	1.29	15.10	9.46	9.22	0.16
12.55	7.85	7.61	1.17	15.15	9.47	9.23	0.16
12.60	7.92	7.68	1.04	15.20	9.49	9.25	0.15
12.65	7.99	7.75	0.89	15.25	9.50	9.26	0.15
12.70	8.06	7.82	0.78	15.30	9.52	9.28	0.15
12.75	8.12	7.88	0.72	15.35	9.53	9.29	0.15
12.80	8.18	7.94	0.67	15.40	9.55	9.31	0.15
12.85	8.24	8.00	0.64	15.45	9.56	9.32	0.15
12.90	8.29	8.05	0.60	15.50	9.58	9.34	0.14
12.95	8.34	8.10	0.57	15.55	9.59	9.35	0.14

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.14	18.20	10.20	9.96	0.09
15.65	9.62	9.38	0.14	18.25	10.21	9.97	0.09
15.70	9.64	9.39	0.14	18.30	10.22	9.98	0.09
15.75	9.65	9.41	0.14	18.35	10.23	9.99	0.09
15.80	9.66	9.42	0.14	18.40	10.24	9.99	0.09
15.85	9.68	9.44	0.14	18.45	10.24	10.00	0.09
15.90	9.69	9.45	0.14	18.50	10.25	10.01	0.08
15.95	9.70	9.46	0.13	18.55	10.26	10.02	0.08
16.00	9.72	9.48	0.13	18.60	10.27	10.03	0.08
16.05	9.73	9.49	0.13	18.65	10.28	10.04	0.08
16.10	9.74	9.50	0.13	18.70	10.29	10.05	0.08
16.15	9.76	9.52	0.13	18.75	10.30	10.05	0.08
16.20	9.77	9.53	0.13	18.80	10.30	10.06	0.08
16.25	9.78	9.54	0.13	18.85	10.31	10.07	0.08
16.30	9.80	9.55	0.13	18.90	10.32	10.08	0.08
16.35	9.81	9.57	0.13	18.95	10.33	10.09	0.08
16.40	9.82	9.58	0.12	19.00	10.34	10.10	0.08
16.45	9.83	9.59	0.12	19.05	10.35	10.11	0.08
16.50	9.85	9.60	0.12	19.10	10.35	10.11	0.08
16.55	9.86	9.62	0.12	19.15	10.36	10.12	0.08
16.60	9.87	9.63	0.12	19.20	10.37	10.13	0.08
16.65	9.88	9.64	0.12	19.25	10.38	10.14	0.08
16.70	9.89	9.65	0.12	19.30	10.39	10.15	0.08
16.75	9.91	9.66	0.12	19.35	10.40	10.15	0.08
16.80	9.92	9.68	0.12	19.40	10.40	10.16	0.08
16.85	9.93	9.69	0.12	19.45	10.41	10.17	0.08
16.90	9.94	9.70	0.11	19.50	10.42	10.18	0.08
16.95	9.95	9.71	0.11	19.55	10.43	10.19	0.08
17.00	9.96	9.72	0.11	19.60	10.44	10.20	0.08
17.05	9.97	9.73	0.11	19.65	10.44	10.20	0.08
17.10	9.99	9.74	0.11	19.70	10.45	10.21	0.08
17.15	10.00	9.76	0.11	19.75	10.46	10.22	0.08
17.20	10.01	9.77	0.11	19.80	10.47	10.23	0.08
17.25	10.02	9.78	0.11	19.85	10.48	10.24	0.08
17.30	10.03	9.79	0.11	19.90	10.48	10.24	0.08
17.35	10.04	9.80	0.10	19.95	10.49	10.25	0.08
17.40	10.05	9.81	0.10	20.00	10.50	10.26	0.08
17.45	10.06	9.82	0.10	20.05	10.51	10.27	0.08
17.50	10.07	9.83	0.10	20.10	10.52	10.27	0.08
17.55	10.08	9.84	0.10	20.15	10.52	10.28	0.08
17.60	10.09	9.85	0.10	20.20	10.53	10.29	0.08
17.65	10.10	9.86	0.10	20.25	10.54	10.30	0.08
17.70	10.11	9.87	0.10	20.30	10.55	10.31	0.08
17.75	10.12	9.88	0.10	20.35	10.55	10.31	0.07
17.80	10.13	9.89	0.10	20.40	10.56	10.32	0.07
17.85	10.14	9.90	0.09	20.45	10.57	10.33	0.07
17.90	10.15	9.91	0.09	20.50	10.58	10.34	0.07
17.95	10.16	9.92	0.09	20.55	10.58	10.34	0.07
18.00	10.17	9.92	0.09	20.60	10.59	10.35	0.07
18.05	10.17	9.93	0.09	20.65	10.60	10.36	0.07
18.10	10.18	9.94	0.09	20.70	10.61	10.37	0.07
18.15	10.19	9.95	0.09	20.75	10.61	10.37	0.07

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.07	23.40	10.97	10.73	0.06
20.85	10.63	10.39	0.07	23.45	10.97	10.73	0.06
20.90	10.64	10.39	0.07	23.50	10.98	10.74	0.06
20.95	10.64	10.40	0.07	23.55	10.99	10.74	0.06
21.00	10.65	10.41	0.07	23.60	10.99	10.75	0.06
21.05	10.66	10.42	0.07	23.65	11.00	10.76	0.06
21.10	10.66	10.42	0.07	23.70	11.00	10.76	0.06
21.15	10.67	10.43	0.07	23.75	11.01	10.77	0.06
21.20	10.68	10.44	0.07	23.80	11.01	10.77	0.06
21.25	10.69	10.45	0.07	23.85	11.02	10.78	0.06
21.30	10.69	10.45	0.07	23.90	11.03	10.78	0.06
21.35	10.70	10.46	0.07	23.95	11.03	10.79	0.06
21.40	10.71	10.47	0.07	24.00	11.04	10.80	0.06
21.45	10.71	10.47	0.07	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.07	24.10	11.04	10.80	0.05
21.55	10.73	10.49	0.07	24.15	11.04	10.80	0.03
21.60	10.74	10.49	0.07	24.20	11.04	10.80	0.01
21.65	10.74	10.50	0.07	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.07	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.07	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.07	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.07	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.07	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.07	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.07	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.07	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.07	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.07	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.07	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.06	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.06	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.06	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.06	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.06	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.06	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.06	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.06	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.06	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.06	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.06	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.06	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.06	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.06	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.06	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.06	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.06	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.06	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.06	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.06	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.06	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.06	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.06	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 8I: PDA-8 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 8P: PDA-8 (pervious)

Runoff = 13.42 cfs @ 12.17 hrs, Volume= 1.034 af, Depth= 7.72"
 Routed to Pond B-8 : Basin #8

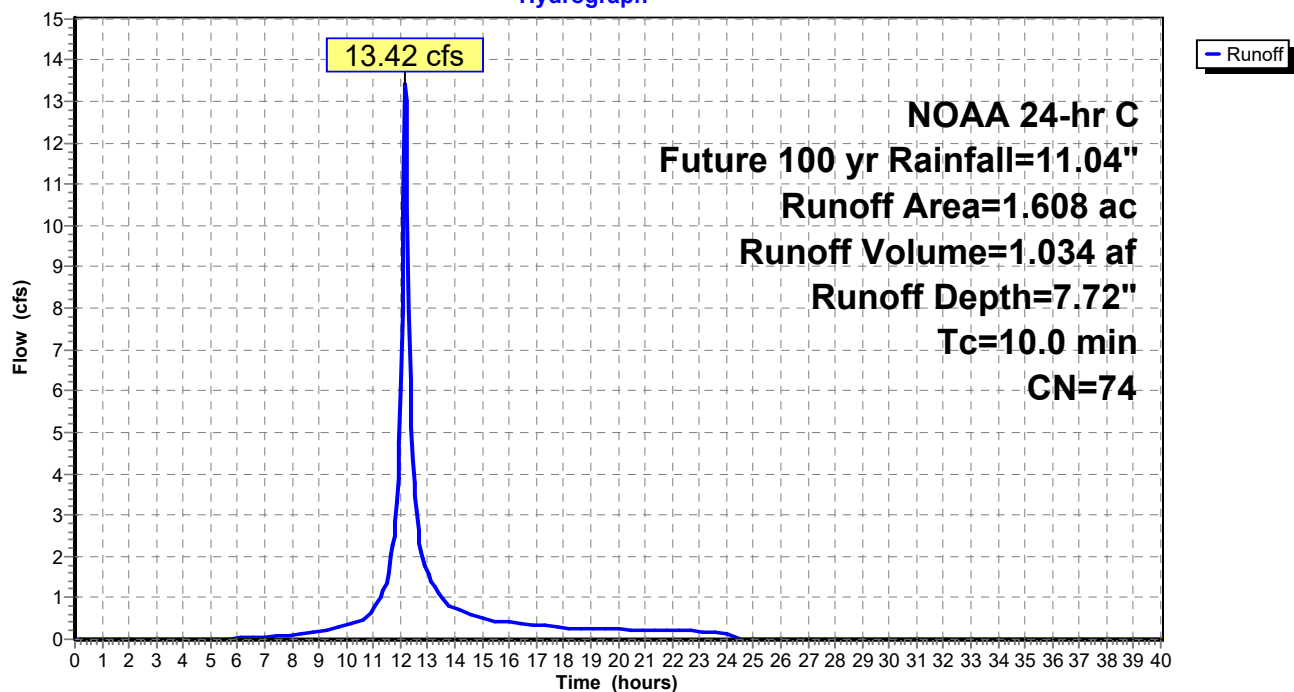
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.608	74	>75% Grass cover, Good, HSG C
1.608		100.00% Pervious Area

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

Subcatchment 8P: PDA-8 (pervious)

Hydrograph



Hydrograph for Subcatchment 8P: PDA-8 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.11
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.16
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.17
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.18
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.20
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.21
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.22
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.24
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.25
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.26
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.27
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.28
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.29
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.36
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.37
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.38
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.39
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.40
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.41

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.42	13.00	8.39	5.28	1.63
10.45	2.25	0.47	0.43	13.05	8.43	5.32	1.54
10.50	2.28	0.49	0.44	13.10	8.48	5.36	1.46
10.55	2.31	0.50	0.46	13.15	8.52	5.39	1.38
10.60	2.34	0.52	0.48	13.20	8.56	5.43	1.31
10.65	2.37	0.54	0.50	13.25	8.60	5.46	1.25
10.70	2.41	0.56	0.53	13.30	8.63	5.50	1.20
10.75	2.44	0.58	0.56	13.35	8.67	5.53	1.15
10.80	2.48	0.60	0.60	13.40	8.70	5.56	1.10
10.85	2.52	0.62	0.63	13.45	8.73	5.59	1.06
10.90	2.56	0.64	0.67	13.50	8.76	5.61	1.01
10.95	2.61	0.67	0.70	13.55	8.79	5.64	0.96
11.00	2.65	0.69	0.74	13.60	8.82	5.67	0.92
11.05	2.70	0.72	0.78	13.65	8.85	5.69	0.88
11.10	2.75	0.75	0.83	13.70	8.87	5.71	0.84
11.15	2.80	0.79	0.89	13.75	8.90	5.74	0.82
11.20	2.86	0.82	0.96	13.80	8.93	5.76	0.80
11.25	2.92	0.86	1.02	13.85	8.95	5.79	0.79
11.30	2.98	0.90	1.09	13.90	8.98	5.81	0.78
11.35	3.05	0.94	1.17	13.95	9.00	5.83	0.76
11.40	3.12	0.98	1.24	14.00	9.03	5.85	0.75
11.45	3.19	1.03	1.32	14.05	9.05	5.88	0.74
11.50	3.26	1.08	1.39	14.10	9.07	5.90	0.73
11.55	3.37	1.15	1.49	14.15	9.10	5.92	0.72
11.60	3.49	1.23	1.71	14.20	9.12	5.94	0.70
11.65	3.60	1.31	2.02	14.25	9.14	5.96	0.69
11.70	3.72	1.39	2.29	14.30	9.16	5.98	0.68
11.75	3.88	1.51	2.51	14.35	9.19	6.00	0.67
11.80	4.04	1.63	2.83	14.40	9.21	6.02	0.66
11.85	4.27	1.79	3.28	14.45	9.23	6.04	0.64
11.90	4.49	1.96	3.90	14.50	9.25	6.06	0.63
11.95	4.88	2.27	4.73	14.55	9.27	6.07	0.62
12.00	5.26	2.57	6.07	14.60	9.29	6.09	0.61
12.05	5.91	3.11	7.91	14.65	9.31	6.11	0.60
12.10	6.55	3.65	10.55	14.70	9.32	6.13	0.58
12.15	6.77	3.85	13.15	14.75	9.34	6.14	0.57
12.20	7.00	4.04	13.00	14.80	9.36	6.16	0.56
12.25	7.16	4.18	10.42	14.85	9.38	6.17	0.55
12.30	7.32	4.32	7.93	14.90	9.40	6.19	0.54
12.35	7.44	4.43	6.28	14.95	9.41	6.21	0.52
12.40	7.55	4.53	5.13	15.00	9.43	6.22	0.51
12.45	7.67	4.63	4.31	15.05	9.44	6.23	0.50
12.50	7.78	4.73	3.78	15.10	9.46	6.25	0.49
12.55	7.85	4.79	3.45	15.15	9.47	6.26	0.47
12.60	7.92	4.86	3.07	15.20	9.49	6.28	0.47
12.65	7.99	4.92	2.64	15.25	9.50	6.29	0.46
12.70	8.06	4.98	2.32	15.30	9.52	6.30	0.46
12.75	8.12	5.03	2.13	15.35	9.53	6.32	0.45
12.80	8.18	5.09	2.00	15.40	9.55	6.33	0.45
12.85	8.24	5.14	1.90	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.81	15.50	9.58	6.36	0.44
12.95	8.34	5.23	1.72	15.55	9.59	6.37	0.44

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.44	18.20	10.20	6.93	0.27
15.65	9.62	6.40	0.43	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.43	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.26
15.80	9.66	6.44	0.42	18.40	10.24	6.97	0.26
15.85	9.68	6.45	0.42	18.45	10.24	6.97	0.26
15.90	9.69	6.46	0.42	18.50	10.25	6.98	0.26
15.95	9.70	6.47	0.41	18.55	10.26	6.99	0.26
16.00	9.72	6.49	0.41	18.60	10.27	7.00	0.26
16.05	9.73	6.50	0.41	18.65	10.28	7.01	0.26
16.10	9.74	6.51	0.40	18.70	10.29	7.01	0.26
16.15	9.76	6.52	0.40	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.40	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.39	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.39	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.39	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.38	19.00	10.34	7.06	0.25
16.45	9.83	6.59	0.38	19.05	10.35	7.07	0.25
16.50	9.85	6.60	0.38	19.10	10.35	7.08	0.25
16.55	9.86	6.62	0.37	19.15	10.36	7.08	0.25
16.60	9.87	6.63	0.37	19.20	10.37	7.09	0.25
16.65	9.88	6.64	0.37	19.25	10.38	7.10	0.25
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.25
16.75	9.91	6.66	0.36	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.36	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.35	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.35	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.35	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.24
17.05	9.97	6.72	0.34	19.65	10.44	7.16	0.24
17.10	9.99	6.73	0.34	19.70	10.45	7.17	0.24
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.24
17.20	10.01	6.75	0.33	19.80	10.47	7.18	0.24
17.25	10.02	6.76	0.33	19.85	10.48	7.19	0.24
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.24
17.35	10.04	6.78	0.32	19.95	10.49	7.20	0.24
17.40	10.05	6.79	0.32	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.31	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.31	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.23
17.65	10.10	6.84	0.30	20.25	10.54	7.25	0.23
17.70	10.11	6.85	0.30	20.30	10.55	7.25	0.23
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.23
17.80	10.13	6.87	0.29	20.40	10.56	7.27	0.23
17.85	10.14	6.87	0.29	20.45	10.57	7.28	0.23
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.23
17.95	10.16	6.89	0.28	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.28	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.27	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.27	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.18
20.85	10.63	7.33	0.22	23.45	10.97	7.65	0.18
20.90	10.64	7.34	0.22	23.50	10.98	7.66	0.18
20.95	10.64	7.34	0.22	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.22	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.22	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.22	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.17
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.18
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.21	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.21	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.21	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.21	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.21	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.20	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.20	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.20	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.20	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.20	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.20	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.20	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.19	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.19	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.19	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.19	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.19	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.18	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.18	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 8P: PDA-8 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 9I: PDA-9 (impervious)

Runoff = 7.99 cfs @ 12.17 hrs, Volume= 0.712 af, Depth=10.80"
 Routed to Pond B-9 : Basin #9

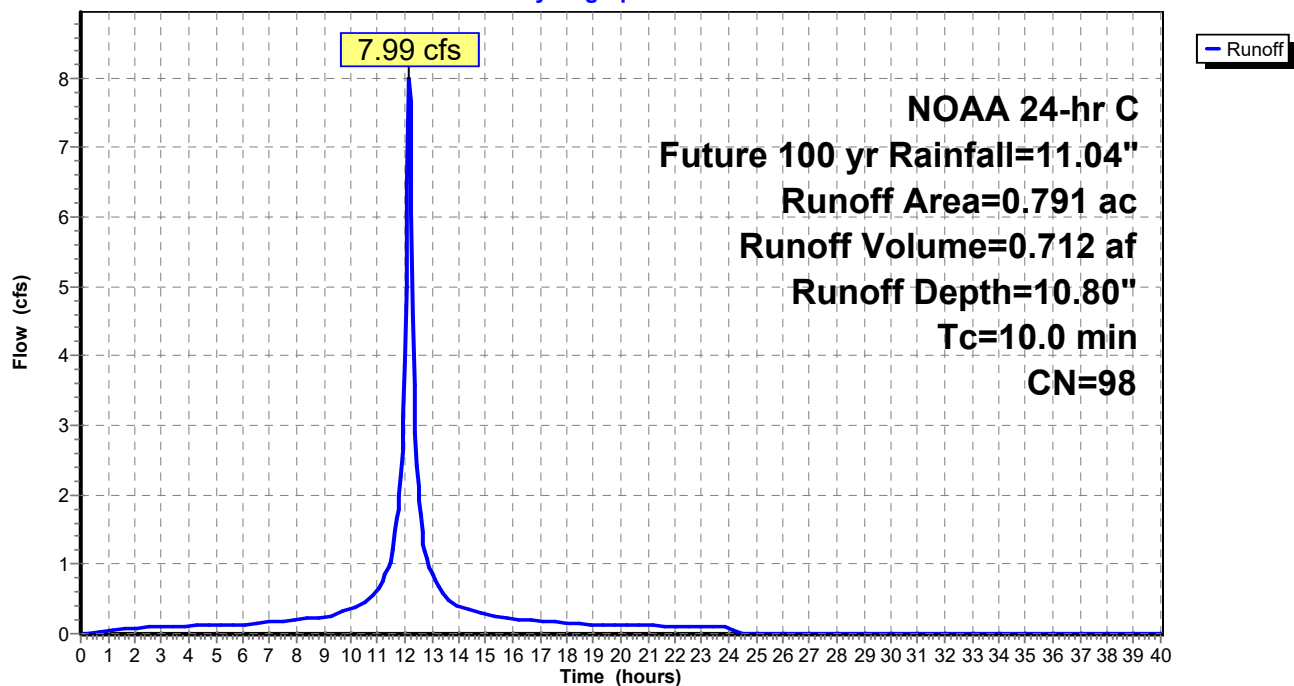
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.286	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.055	98	Concrete, HSG C
0.791	98	Weighted Average
0.791		100.00% Impervious Area

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

Subcatchment 9I: PDA-9 (impervious)

Hydrograph



Hydrograph for Subcatchment 9I: PDA-9 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.09
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.09
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.10
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.10
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.10
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.10
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.10
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.10
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.10
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.10
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.11
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.11
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.11
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.11
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.11
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.11
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.11
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.11
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.11
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.11
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.11
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.11
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.11
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.12
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.12
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.12
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.12
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.12
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.12
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.12
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.12
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.12
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.12
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.12
2.25	0.28	0.13	0.08	4.85	0.68	0.48	0.12
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.12
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.12
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.12
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.12
2.50	0.32	0.16	0.09	5.10	0.72	0.52	0.13
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.13

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.13	7.80	1.27	1.05	0.20
5.25	0.74	0.55	0.13	7.85	1.28	1.07	0.20
5.30	0.75	0.55	0.13	7.90	1.30	1.08	0.20
5.35	0.76	0.56	0.13	7.95	1.31	1.09	0.20
5.40	0.77	0.57	0.13	8.00	1.32	1.11	0.20
5.45	0.78	0.58	0.13	8.05	1.34	1.12	0.21
5.50	0.79	0.59	0.13	8.10	1.35	1.13	0.21
5.55	0.80	0.59	0.13	8.15	1.36	1.15	0.21
5.60	0.80	0.60	0.13	8.20	1.38	1.16	0.21
5.65	0.81	0.61	0.13	8.25	1.39	1.17	0.21
5.70	0.82	0.62	0.13	8.30	1.40	1.19	0.21
5.75	0.83	0.63	0.13	8.35	1.42	1.20	0.22
5.80	0.84	0.64	0.13	8.40	1.43	1.21	0.22
5.85	0.85	0.64	0.13	8.45	1.45	1.23	0.22
5.90	0.86	0.65	0.13	8.50	1.46	1.24	0.22
5.95	0.87	0.66	0.13	8.55	1.48	1.26	0.22
6.00	0.87	0.67	0.14	8.60	1.49	1.27	0.23
6.05	0.88	0.68	0.14	8.65	1.51	1.29	0.23
6.10	0.89	0.69	0.14	8.70	1.52	1.30	0.23
6.15	0.90	0.70	0.14	8.75	1.54	1.32	0.23
6.20	0.91	0.71	0.14	8.80	1.55	1.33	0.23
6.25	0.92	0.71	0.14	8.85	1.57	1.35	0.23
6.30	0.93	0.72	0.14	8.90	1.58	1.36	0.24
6.35	0.94	0.73	0.15	8.95	1.60	1.38	0.24
6.40	0.95	0.74	0.15	9.00	1.61	1.39	0.24
6.45	0.96	0.75	0.15	9.05	1.63	1.41	0.24
6.50	0.97	0.76	0.15	9.10	1.64	1.42	0.25
6.55	0.98	0.77	0.15	9.15	1.66	1.44	0.25
6.60	0.99	0.78	0.15	9.20	1.68	1.46	0.26
6.65	1.00	0.79	0.16	9.25	1.70	1.47	0.26
6.70	1.01	0.80	0.16	9.30	1.72	1.49	0.27
6.75	1.02	0.81	0.16	9.35	1.73	1.51	0.28
6.80	1.03	0.82	0.16	9.40	1.75	1.53	0.28
6.85	1.04	0.83	0.16	9.45	1.77	1.55	0.29
6.90	1.05	0.84	0.16	9.50	1.79	1.57	0.30
6.95	1.07	0.85	0.17	9.55	1.81	1.59	0.30
7.00	1.08	0.87	0.17	9.60	1.83	1.61	0.31
7.05	1.09	0.88	0.17	9.65	1.85	1.63	0.32
7.10	1.10	0.89	0.17	9.70	1.88	1.65	0.32
7.15	1.11	0.90	0.17	9.75	1.90	1.67	0.33
7.20	1.12	0.91	0.18	9.80	1.92	1.69	0.34
7.25	1.13	0.92	0.18	9.85	1.94	1.72	0.34
7.30	1.15	0.93	0.18	9.90	1.97	1.74	0.35
7.35	1.16	0.94	0.18	9.95	1.99	1.76	0.36
7.40	1.17	0.96	0.18	10.00	2.01	1.79	0.36
7.45	1.18	0.97	0.18	10.05	2.04	1.81	0.37
7.50	1.19	0.98	0.19	10.10	2.06	1.84	0.37
7.55	1.21	0.99	0.19	10.15	2.09	1.86	0.38
7.60	1.22	1.00	0.19	10.20	2.11	1.89	0.39
7.65	1.23	1.02	0.19	10.25	2.14	1.91	0.39
7.70	1.24	1.03	0.19	10.30	2.17	1.94	0.40
7.75	1.26	1.04	0.20	10.35	2.19	1.97	0.41

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.41	13.00	8.39	8.15	0.89
10.45	2.25	2.02	0.42	13.05	8.43	8.19	0.84
10.50	2.28	2.05	0.43	13.10	8.48	8.24	0.80
10.55	2.31	2.08	0.44	13.15	8.52	8.28	0.75
10.60	2.34	2.11	0.45	13.20	8.56	8.32	0.71
10.65	2.37	2.14	0.47	13.25	8.60	8.36	0.68
10.70	2.41	2.18	0.49	13.30	8.63	8.39	0.65
10.75	2.44	2.21	0.52	13.35	8.67	8.43	0.63
10.80	2.48	2.25	0.54	13.40	8.70	8.46	0.60
10.85	2.52	2.29	0.57	13.45	8.73	8.49	0.57
10.90	2.56	2.33	0.59	13.50	8.76	8.52	0.55
10.95	2.61	2.38	0.62	13.55	8.79	8.55	0.52
11.00	2.65	2.42	0.64	13.60	8.82	8.58	0.50
11.05	2.70	2.47	0.67	13.65	8.85	8.61	0.47
11.10	2.75	2.52	0.70	13.70	8.87	8.63	0.46
11.15	2.80	2.57	0.74	13.75	8.90	8.66	0.44
11.20	2.86	2.63	0.79	13.80	8.93	8.69	0.43
11.25	2.92	2.69	0.83	13.85	8.95	8.71	0.43
11.30	2.98	2.75	0.88	13.90	8.98	8.74	0.42
11.35	3.05	2.82	0.93	13.95	9.00	8.76	0.41
11.40	3.12	2.89	0.97	14.00	9.03	8.79	0.41
11.45	3.19	2.96	1.02	14.05	9.05	8.81	0.40
11.50	3.26	3.03	1.06	14.10	9.07	8.83	0.39
11.55	3.37	3.14	1.12	14.15	9.10	8.86	0.39
11.60	3.49	3.25	1.27	14.20	9.12	8.88	0.38
11.65	3.60	3.37	1.48	14.25	9.14	8.90	0.37
11.70	3.72	3.49	1.65	14.30	9.16	8.92	0.37
11.75	3.88	3.65	1.78	14.35	9.19	8.95	0.36
11.80	4.04	3.81	1.98	14.40	9.21	8.97	0.35
11.85	4.27	4.03	2.26	14.45	9.23	8.99	0.35
11.90	4.49	4.25	2.63	14.50	9.25	9.01	0.34
11.95	4.88	4.64	3.13	14.55	9.27	9.03	0.33
12.00	5.26	5.02	3.92	14.60	9.29	9.05	0.33
12.05	5.91	5.67	4.99	14.65	9.31	9.07	0.32
12.10	6.55	6.31	6.48	14.70	9.32	9.08	0.31
12.15	6.77	6.53	7.88	14.75	9.34	9.10	0.31
12.20	7.00	6.76	7.66	14.80	9.36	9.12	0.30
12.25	7.16	6.92	6.07	14.85	9.38	9.14	0.29
12.30	7.32	7.08	4.57	14.90	9.40	9.15	0.29
12.35	7.44	7.20	3.58	14.95	9.41	9.17	0.28
12.40	7.55	7.31	2.90	15.00	9.43	9.19	0.27
12.45	7.67	7.43	2.42	15.05	9.44	9.20	0.27
12.50	7.78	7.54	2.12	15.10	9.46	9.22	0.26
12.55	7.85	7.61	1.92	15.15	9.47	9.23	0.25
12.60	7.92	7.68	1.70	15.20	9.49	9.25	0.25
12.65	7.99	7.75	1.46	15.25	9.50	9.26	0.25
12.70	8.06	7.82	1.28	15.30	9.52	9.28	0.24
12.75	8.12	7.88	1.18	15.35	9.53	9.29	0.24
12.80	8.18	7.94	1.10	15.40	9.55	9.31	0.24
12.85	8.24	8.00	1.04	15.45	9.56	9.32	0.24
12.90	8.29	8.05	0.99	15.50	9.58	9.34	0.24
12.95	8.34	8.10	0.94	15.55	9.59	9.35	0.23

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.23	18.20	10.20	9.96	0.14
15.65	9.62	9.38	0.23	18.25	10.21	9.97	0.14
15.70	9.64	9.39	0.23	18.30	10.22	9.98	0.14
15.75	9.65	9.41	0.23	18.35	10.23	9.99	0.14
15.80	9.66	9.42	0.23	18.40	10.24	9.99	0.14
15.85	9.68	9.44	0.22	18.45	10.24	10.00	0.14
15.90	9.69	9.45	0.22	18.50	10.25	10.01	0.14
15.95	9.70	9.46	0.22	18.55	10.26	10.02	0.14
16.00	9.72	9.48	0.22	18.60	10.27	10.03	0.14
16.05	9.73	9.49	0.22	18.65	10.28	10.04	0.14
16.10	9.74	9.50	0.22	18.70	10.29	10.05	0.14
16.15	9.76	9.52	0.21	18.75	10.30	10.05	0.14
16.20	9.77	9.53	0.21	18.80	10.30	10.06	0.14
16.25	9.78	9.54	0.21	18.85	10.31	10.07	0.14
16.30	9.80	9.55	0.21	18.90	10.32	10.08	0.14
16.35	9.81	9.57	0.21	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.20	19.00	10.34	10.10	0.13
16.45	9.83	9.59	0.20	19.05	10.35	10.11	0.13
16.50	9.85	9.60	0.20	19.10	10.35	10.11	0.13
16.55	9.86	9.62	0.20	19.15	10.36	10.12	0.13
16.60	9.87	9.63	0.20	19.20	10.37	10.13	0.13
16.65	9.88	9.64	0.20	19.25	10.38	10.14	0.13
16.70	9.89	9.65	0.19	19.30	10.39	10.15	0.13
16.75	9.91	9.66	0.19	19.35	10.40	10.15	0.13
16.80	9.92	9.68	0.19	19.40	10.40	10.16	0.13
16.85	9.93	9.69	0.19	19.45	10.41	10.17	0.13
16.90	9.94	9.70	0.19	19.50	10.42	10.18	0.13
16.95	9.95	9.71	0.19	19.55	10.43	10.19	0.13
17.00	9.96	9.72	0.18	19.60	10.44	10.20	0.13
17.05	9.97	9.73	0.18	19.65	10.44	10.20	0.13
17.10	9.99	9.74	0.18	19.70	10.45	10.21	0.13
17.15	10.00	9.76	0.18	19.75	10.46	10.22	0.13
17.20	10.01	9.77	0.18	19.80	10.47	10.23	0.13
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.13
17.30	10.03	9.79	0.17	19.90	10.48	10.24	0.13
17.35	10.04	9.80	0.17	19.95	10.49	10.25	0.13
17.40	10.05	9.81	0.17	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.17	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.17	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.16	20.15	10.52	10.28	0.12
17.60	10.09	9.85	0.16	20.20	10.53	10.29	0.12
17.65	10.10	9.86	0.16	20.25	10.54	10.30	0.12
17.70	10.11	9.87	0.16	20.30	10.55	10.31	0.12
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.12
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.12
17.85	10.14	9.90	0.15	20.45	10.57	10.33	0.12
17.90	10.15	9.91	0.15	20.50	10.58	10.34	0.12
17.95	10.16	9.92	0.15	20.55	10.58	10.34	0.12
18.00	10.17	9.92	0.15	20.60	10.59	10.35	0.12
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.12
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.12
18.15	10.19	9.95	0.14	20.75	10.61	10.37	0.12

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.12	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.12	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.12	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.12	23.55	10.99	10.74	0.09
21.00	10.65	10.41	0.12	23.60	10.99	10.75	0.09
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.09
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.09
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.09
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.09
21.25	10.69	10.45	0.11	23.85	11.02	10.78	0.09
21.30	10.69	10.45	0.11	23.90	11.03	10.78	0.09
21.35	10.70	10.46	0.11	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.11	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.11	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.11	24.10	11.04	10.80	0.08
21.55	10.73	10.49	0.11	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.11	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.11	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.11	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.11	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.11	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.11	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.11	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.11	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.11	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.11	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.10	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.10	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.10	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.10	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.10	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.10	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.10	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.10	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.10	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.10	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.10	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.10	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.10	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.10	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.10	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 9I: PDA-9 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 9P: PDA-9 (pervious)

Runoff = 5.94 cfs @ 12.17 hrs, Volume= 0.458 af, Depth= 7.72"
 Routed to Pond B-9 : Basin #9

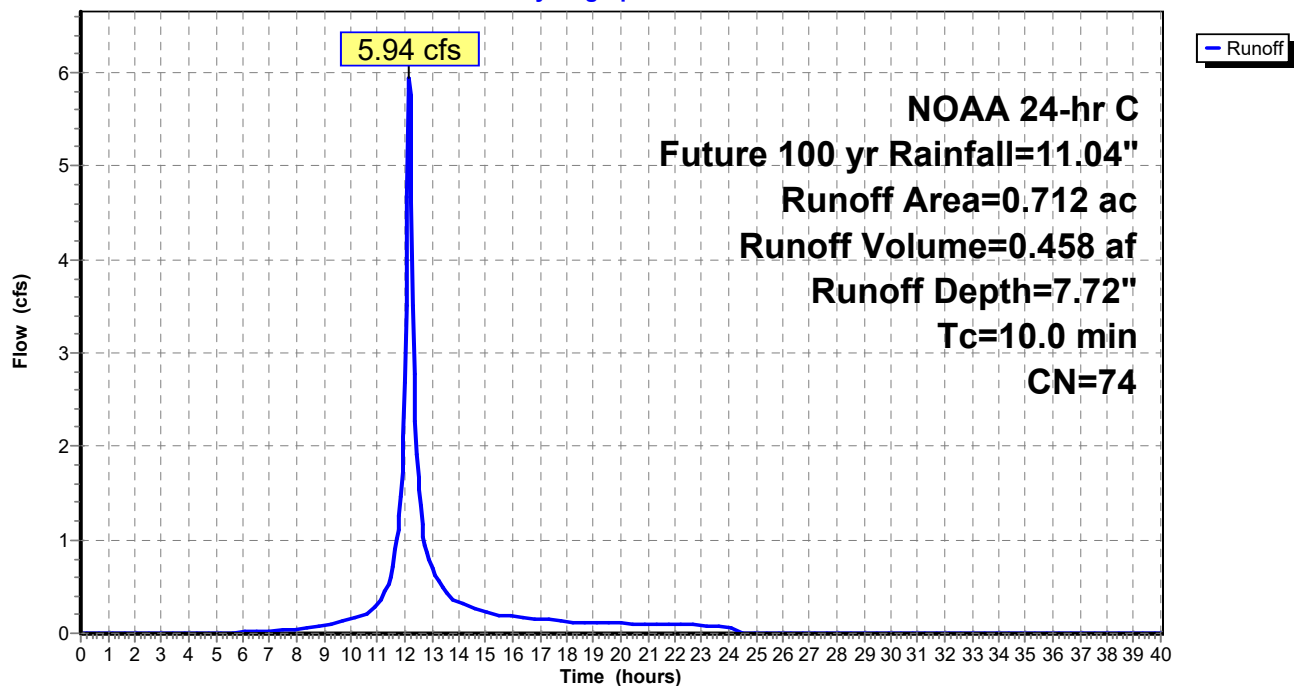
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.712	74	>75% Grass cover, Good, HSG C
0.712		100.00% Pervious Area

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

Subcatchment 9P: PDA-9 (pervious)

Hydrograph



Hydrograph for Subcatchment 9P: PDA-9 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.04
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.05
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.05
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.05
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.05
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.05
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.06
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.06
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.06
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.06
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.06
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.06
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.07
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.07
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.07
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.07
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.07
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.07
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.08
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.08
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.08
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.08
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.08
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.09
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.09
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.09
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.10
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.10
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.10
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.11
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.11
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.12
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.12
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.12
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.13
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.13
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.14
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.14
7.35	1.16	0.05	0.03	9.95	1.99	0.34	0.14
7.40	1.17	0.05	0.03	10.00	2.01	0.36	0.15
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.15
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.16
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.16
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.17
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.17
7.70	1.24	0.07	0.04	10.30	2.17	0.43	0.18
7.75	1.26	0.08	0.04	10.35	2.19	0.44	0.18

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.19	13.00	8.39	5.28	0.72
10.45	2.25	0.47	0.19	13.05	8.43	5.32	0.68
10.50	2.28	0.49	0.20	13.10	8.48	5.36	0.65
10.55	2.31	0.50	0.20	13.15	8.52	5.39	0.61
10.60	2.34	0.52	0.21	13.20	8.56	5.43	0.58
10.65	2.37	0.54	0.22	13.25	8.60	5.46	0.55
10.70	2.41	0.56	0.24	13.30	8.63	5.50	0.53
10.75	2.44	0.58	0.25	13.35	8.67	5.53	0.51
10.80	2.48	0.60	0.26	13.40	8.70	5.56	0.49
10.85	2.52	0.62	0.28	13.45	8.73	5.59	0.47
10.90	2.56	0.64	0.30	13.50	8.76	5.61	0.45
10.95	2.61	0.67	0.31	13.55	8.79	5.64	0.43
11.00	2.65	0.69	0.33	13.60	8.82	5.67	0.41
11.05	2.70	0.72	0.35	13.65	8.85	5.69	0.39
11.10	2.75	0.75	0.37	13.70	8.87	5.71	0.37
11.15	2.80	0.79	0.39	13.75	8.90	5.74	0.36
11.20	2.86	0.82	0.42	13.80	8.93	5.76	0.36
11.25	2.92	0.86	0.45	13.85	8.95	5.79	0.35
11.30	2.98	0.90	0.48	13.90	8.98	5.81	0.34
11.35	3.05	0.94	0.52	13.95	9.00	5.83	0.34
11.40	3.12	0.98	0.55	14.00	9.03	5.85	0.33
11.45	3.19	1.03	0.58	14.05	9.05	5.88	0.33
11.50	3.26	1.08	0.62	14.10	9.07	5.90	0.32
11.55	3.37	1.15	0.66	14.15	9.10	5.92	0.32
11.60	3.49	1.23	0.76	14.20	9.12	5.94	0.31
11.65	3.60	1.31	0.90	14.25	9.14	5.96	0.31
11.70	3.72	1.39	1.01	14.30	9.16	5.98	0.30
11.75	3.88	1.51	1.11	14.35	9.19	6.00	0.30
11.80	4.04	1.63	1.25	14.40	9.21	6.02	0.29
11.85	4.27	1.79	1.45	14.45	9.23	6.04	0.28
11.90	4.49	1.96	1.73	14.50	9.25	6.06	0.28
11.95	4.88	2.27	2.10	14.55	9.27	6.07	0.27
12.00	5.26	2.57	2.69	14.60	9.29	6.09	0.27
12.05	5.91	3.11	3.50	14.65	9.31	6.11	0.26
12.10	6.55	3.65	4.67	14.70	9.32	6.13	0.26
12.15	6.77	3.85	5.82	14.75	9.34	6.14	0.25
12.20	7.00	4.04	5.75	14.80	9.36	6.16	0.25
12.25	7.16	4.18	4.61	14.85	9.38	6.17	0.24
12.30	7.32	4.32	3.51	14.90	9.40	6.19	0.24
12.35	7.44	4.43	2.78	14.95	9.41	6.21	0.23
12.40	7.55	4.53	2.27	15.00	9.43	6.22	0.23
12.45	7.67	4.63	1.91	15.05	9.44	6.23	0.22
12.50	7.78	4.73	1.68	15.10	9.46	6.25	0.22
12.55	7.85	4.79	1.53	15.15	9.47	6.26	0.21
12.60	7.92	4.86	1.36	15.20	9.49	6.28	0.21
12.65	7.99	4.92	1.17	15.25	9.50	6.29	0.20
12.70	8.06	4.98	1.03	15.30	9.52	6.30	0.20
12.75	8.12	5.03	0.95	15.35	9.53	6.32	0.20
12.80	8.18	5.09	0.89	15.40	9.55	6.33	0.20
12.85	8.24	5.14	0.84	15.45	9.56	6.34	0.20
12.90	8.29	5.19	0.80	15.50	9.58	6.36	0.20
12.95	8.34	5.23	0.76	15.55	9.59	6.37	0.19

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.19	18.20	10.20	6.93	0.12
15.65	9.62	6.40	0.19	18.25	10.21	6.94	0.12
15.70	9.64	6.41	0.19	18.30	10.22	6.95	0.12
15.75	9.65	6.42	0.19	18.35	10.23	6.96	0.12
15.80	9.66	6.44	0.19	18.40	10.24	6.97	0.12
15.85	9.68	6.45	0.19	18.45	10.24	6.97	0.12
15.90	9.69	6.46	0.18	18.50	10.25	6.98	0.12
15.95	9.70	6.47	0.18	18.55	10.26	6.99	0.12
16.00	9.72	6.49	0.18	18.60	10.27	7.00	0.12
16.05	9.73	6.50	0.18	18.65	10.28	7.01	0.12
16.10	9.74	6.51	0.18	18.70	10.29	7.01	0.11
16.15	9.76	6.52	0.18	18.75	10.30	7.02	0.11
16.20	9.77	6.54	0.18	18.80	10.30	7.03	0.11
16.25	9.78	6.55	0.17	18.85	10.31	7.04	0.11
16.30	9.80	6.56	0.17	18.90	10.32	7.04	0.11
16.35	9.81	6.57	0.17	18.95	10.33	7.05	0.11
16.40	9.82	6.58	0.17	19.00	10.34	7.06	0.11
16.45	9.83	6.59	0.17	19.05	10.35	7.07	0.11
16.50	9.85	6.60	0.17	19.10	10.35	7.08	0.11
16.55	9.86	6.62	0.17	19.15	10.36	7.08	0.11
16.60	9.87	6.63	0.16	19.20	10.37	7.09	0.11
16.65	9.88	6.64	0.16	19.25	10.38	7.10	0.11
16.70	9.89	6.65	0.16	19.30	10.39	7.11	0.11
16.75	9.91	6.66	0.16	19.35	10.40	7.11	0.11
16.80	9.92	6.67	0.16	19.40	10.40	7.12	0.11
16.85	9.93	6.68	0.16	19.45	10.41	7.13	0.11
16.90	9.94	6.69	0.16	19.50	10.42	7.14	0.11
16.95	9.95	6.70	0.15	19.55	10.43	7.14	0.11
17.00	9.96	6.71	0.15	19.60	10.44	7.15	0.11
17.05	9.97	6.72	0.15	19.65	10.44	7.16	0.11
17.10	9.99	6.73	0.15	19.70	10.45	7.17	0.11
17.15	10.00	6.74	0.15	19.75	10.46	7.17	0.11
17.20	10.01	6.75	0.15	19.80	10.47	7.18	0.11
17.25	10.02	6.76	0.15	19.85	10.48	7.19	0.11
17.30	10.03	6.77	0.14	19.90	10.48	7.20	0.11
17.35	10.04	6.78	0.14	19.95	10.49	7.20	0.11
17.40	10.05	6.79	0.14	20.00	10.50	7.21	0.11
17.45	10.06	6.80	0.14	20.05	10.51	7.22	0.11
17.50	10.07	6.81	0.14	20.10	10.52	7.23	0.10
17.55	10.08	6.82	0.14	20.15	10.52	7.23	0.10
17.60	10.09	6.83	0.14	20.20	10.53	7.24	0.10
17.65	10.10	6.84	0.13	20.25	10.54	7.25	0.10
17.70	10.11	6.85	0.13	20.30	10.55	7.25	0.10
17.75	10.12	6.86	0.13	20.35	10.55	7.26	0.10
17.80	10.13	6.87	0.13	20.40	10.56	7.27	0.10
17.85	10.14	6.87	0.13	20.45	10.57	7.28	0.10
17.90	10.15	6.88	0.13	20.50	10.58	7.28	0.10
17.95	10.16	6.89	0.13	20.55	10.58	7.29	0.10
18.00	10.17	6.90	0.12	20.60	10.59	7.30	0.10
18.05	10.17	6.91	0.12	20.65	10.60	7.30	0.10
18.10	10.18	6.92	0.12	20.70	10.61	7.31	0.10
18.15	10.19	6.92	0.12	20.75	10.61	7.32	0.10

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.10	23.40	10.97	7.65	0.08
20.85	10.63	7.33	0.10	23.45	10.97	7.65	0.08
20.90	10.64	7.34	0.10	23.50	10.98	7.66	0.08
20.95	10.64	7.34	0.10	23.55	10.99	7.66	0.08
21.00	10.65	7.35	0.10	23.60	10.99	7.67	0.08
21.05	10.66	7.36	0.10	23.65	11.00	7.67	0.08
21.10	10.66	7.36	0.10	23.70	11.00	7.68	0.08
21.15	10.67	7.37	0.10	23.75	11.01	7.69	0.08
21.20	10.68	7.38	0.10	23.80	11.01	7.69	0.08
21.25	10.69	7.38	0.10	23.85	11.02	7.70	0.08
21.30	10.69	7.39	0.10	23.90	11.03	7.70	0.08
21.35	10.70	7.40	0.10	23.95	11.03	7.71	0.08
21.40	10.71	7.40	0.10	24.00	11.04	7.72	0.08
21.45	10.71	7.41	0.10	24.05	11.04	7.72	0.08
21.50	10.72	7.42	0.09	24.10	11.04	7.72	0.07
21.55	10.73	7.42	0.09	24.15	11.04	7.72	0.04
21.60	10.74	7.43	0.09	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.09	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.09	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.09	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.09	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.09	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.09	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.09	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.09	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.09	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.09	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.09	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.09	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.09	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.09	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.09	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.09	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.09	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.09	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.09	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.09	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.09	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.09	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.09	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.09	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.08	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.08	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.08	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.08	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.08	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.08	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.08	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.08	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.08	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.08	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.08	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 9P: PDA-9 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 10I: PDA-10 (impervious)

Runoff = 9.57 cfs @ 12.17 hrs, Volume= 0.853 af, Depth=10.80"
 Routed to Pond B-10 : Basin #10

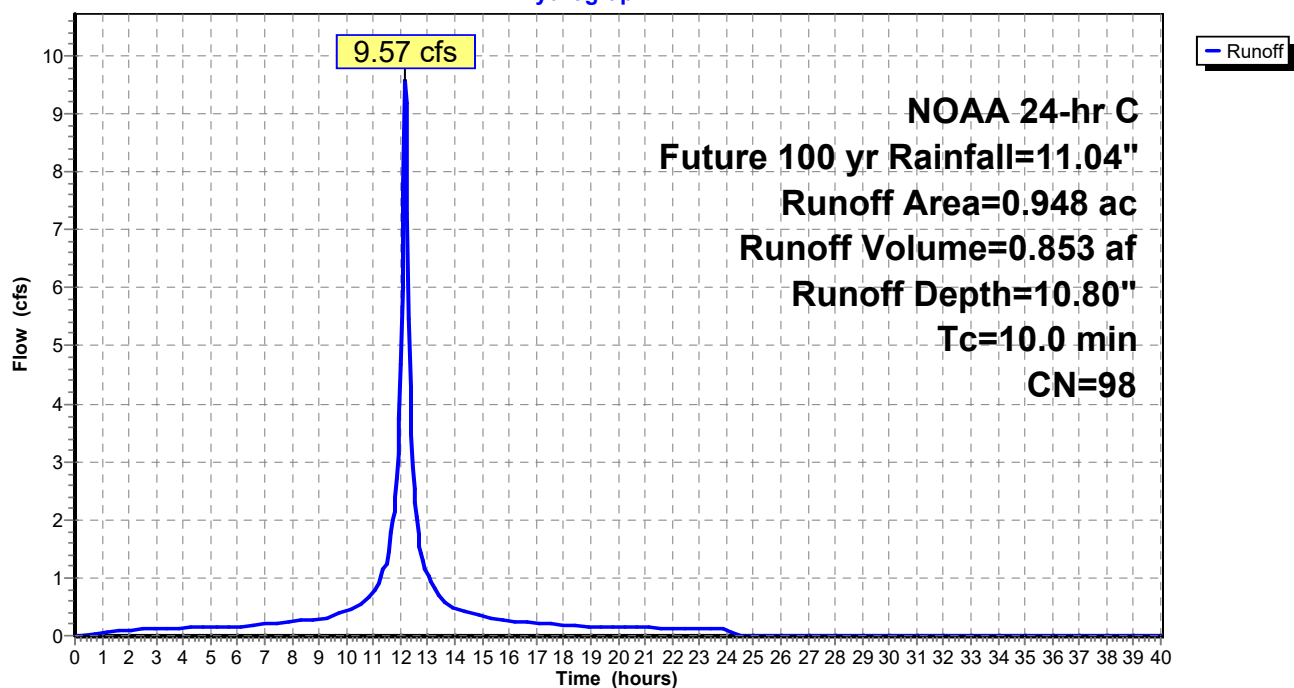
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.570	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.057	98	Concrete, HSG C
0.948	98	Weighted Average
0.948		100.00% Impervious Area

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

Subcatchment 10I: PDA-10 (impervious)

Hydrograph



Hydrograph for Subcatchment 10I: PDA-10 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.11
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.11
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.12
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.12
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.12
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.12
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.12
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.12
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.12
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.13
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.13
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.13
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.13
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.13
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.13
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.13
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.13
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.14
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.14
1.55	0.19	0.06	0.08	4.15	0.56	0.38	0.14
1.60	0.20	0.07	0.08	4.20	0.57	0.38	0.14
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.14
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.14
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.14
1.80	0.22	0.09	0.09	4.40	0.60	0.41	0.14
1.85	0.23	0.09	0.09	4.45	0.61	0.42	0.14
1.90	0.24	0.10	0.09	4.50	0.62	0.43	0.14
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.10	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.10	4.75	0.66	0.47	0.15
2.20	0.28	0.13	0.10	4.80	0.67	0.47	0.15
2.25	0.28	0.13	0.10	4.85	0.68	0.48	0.15
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.15
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.15
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.15
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.15
2.50	0.32	0.16	0.11	5.10	0.72	0.52	0.15
2.55	0.33	0.17	0.11	5.15	0.73	0.53	0.15

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.15	7.80	1.27	1.05	0.24
5.25	0.74	0.55	0.15	7.85	1.28	1.07	0.24
5.30	0.75	0.55	0.15	7.90	1.30	1.08	0.24
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.24
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.24
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.25
5.50	0.79	0.59	0.16	8.10	1.35	1.13	0.25
5.55	0.80	0.59	0.16	8.15	1.36	1.15	0.25
5.60	0.80	0.60	0.16	8.20	1.38	1.16	0.25
5.65	0.81	0.61	0.16	8.25	1.39	1.17	0.26
5.70	0.82	0.62	0.16	8.30	1.40	1.19	0.26
5.75	0.83	0.63	0.16	8.35	1.42	1.20	0.26
5.80	0.84	0.64	0.16	8.40	1.43	1.21	0.26
5.85	0.85	0.64	0.16	8.45	1.45	1.23	0.26
5.90	0.86	0.65	0.16	8.50	1.46	1.24	0.27
5.95	0.87	0.66	0.16	8.55	1.48	1.26	0.27
6.00	0.87	0.67	0.16	8.60	1.49	1.27	0.27
6.05	0.88	0.68	0.16	8.65	1.51	1.29	0.27
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.27
6.15	0.90	0.70	0.17	8.75	1.54	1.32	0.28
6.20	0.91	0.71	0.17	8.80	1.55	1.33	0.28
6.25	0.92	0.71	0.17	8.85	1.57	1.35	0.28
6.30	0.93	0.72	0.17	8.90	1.58	1.36	0.28
6.35	0.94	0.73	0.17	8.95	1.60	1.38	0.28
6.40	0.95	0.74	0.18	9.00	1.61	1.39	0.29
6.45	0.96	0.75	0.18	9.05	1.63	1.41	0.29
6.50	0.97	0.76	0.18	9.10	1.64	1.42	0.29
6.55	0.98	0.77	0.18	9.15	1.66	1.44	0.30
6.60	0.99	0.78	0.18	9.20	1.68	1.46	0.31
6.65	1.00	0.79	0.19	9.25	1.70	1.47	0.31
6.70	1.01	0.80	0.19	9.30	1.72	1.49	0.32
6.75	1.02	0.81	0.19	9.35	1.73	1.51	0.33
6.80	1.03	0.82	0.19	9.40	1.75	1.53	0.34
6.85	1.04	0.83	0.19	9.45	1.77	1.55	0.35
6.90	1.05	0.84	0.20	9.50	1.79	1.57	0.35
6.95	1.07	0.85	0.20	9.55	1.81	1.59	0.36
7.00	1.08	0.87	0.20	9.60	1.83	1.61	0.37
7.05	1.09	0.88	0.20	9.65	1.85	1.63	0.38
7.10	1.10	0.89	0.21	9.70	1.88	1.65	0.39
7.15	1.11	0.90	0.21	9.75	1.90	1.67	0.39
7.20	1.12	0.91	0.21	9.80	1.92	1.69	0.40
7.25	1.13	0.92	0.21	9.85	1.94	1.72	0.41
7.30	1.15	0.93	0.21	9.90	1.97	1.74	0.42
7.35	1.16	0.94	0.22	9.95	1.99	1.76	0.43
7.40	1.17	0.96	0.22	10.00	2.01	1.79	0.43
7.45	1.18	0.97	0.22	10.05	2.04	1.81	0.44
7.50	1.19	0.98	0.22	10.10	2.06	1.84	0.45
7.55	1.21	0.99	0.23	10.15	2.09	1.86	0.46
7.60	1.22	1.00	0.23	10.20	2.11	1.89	0.47
7.65	1.23	1.02	0.23	10.25	2.14	1.91	0.47
7.70	1.24	1.03	0.23	10.30	2.17	1.94	0.48
7.75	1.26	1.04	0.23	10.35	2.19	1.97	0.49

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.50	13.00	8.39	8.15	1.07
10.45	2.25	2.02	0.50	13.05	8.43	8.19	1.01
10.50	2.28	2.05	0.51	13.10	8.48	8.24	0.95
10.55	2.31	2.08	0.52	13.15	8.52	8.28	0.90
10.60	2.34	2.11	0.54	13.20	8.56	8.32	0.85
10.65	2.37	2.14	0.56	13.25	8.60	8.36	0.82
10.70	2.41	2.18	0.59	13.30	8.63	8.39	0.78
10.75	2.44	2.21	0.62	13.35	8.67	8.43	0.75
10.80	2.48	2.25	0.65	13.40	8.70	8.46	0.72
10.85	2.52	2.29	0.68	13.45	8.73	8.49	0.69
10.90	2.56	2.33	0.71	13.50	8.76	8.52	0.66
10.95	2.61	2.38	0.74	13.55	8.79	8.55	0.63
11.00	2.65	2.42	0.77	13.60	8.82	8.58	0.60
11.05	2.70	2.47	0.80	13.65	8.85	8.61	0.57
11.10	2.75	2.52	0.84	13.70	8.87	8.63	0.55
11.15	2.80	2.57	0.89	13.75	8.90	8.66	0.53
11.20	2.86	2.63	0.94	13.80	8.93	8.69	0.52
11.25	2.92	2.69	1.00	13.85	8.95	8.71	0.51
11.30	2.98	2.75	1.05	13.90	8.98	8.74	0.50
11.35	3.05	2.82	1.11	13.95	9.00	8.76	0.49
11.40	3.12	2.89	1.17	14.00	9.03	8.79	0.49
11.45	3.19	2.96	1.22	14.05	9.05	8.81	0.48
11.50	3.26	3.03	1.27	14.10	9.07	8.83	0.47
11.55	3.37	3.14	1.35	14.15	9.10	8.86	0.46
11.60	3.49	3.25	1.52	14.20	9.12	8.88	0.45
11.65	3.60	3.37	1.78	14.25	9.14	8.90	0.45
11.70	3.72	3.49	1.98	14.30	9.16	8.92	0.44
11.75	3.88	3.65	2.14	14.35	9.19	8.95	0.43
11.80	4.04	3.81	2.37	14.40	9.21	8.97	0.42
11.85	4.27	4.03	2.70	14.45	9.23	8.99	0.41
11.90	4.49	4.25	3.15	14.50	9.25	9.01	0.41
11.95	4.88	4.64	3.75	14.55	9.27	9.03	0.40
12.00	5.26	5.02	4.70	14.60	9.29	9.05	0.39
12.05	5.91	5.67	5.98	14.65	9.31	9.07	0.38
12.10	6.55	6.31	7.76	14.70	9.32	9.08	0.38
12.15	6.77	6.53	9.44	14.75	9.34	9.10	0.37
12.20	7.00	6.76	9.18	14.80	9.36	9.12	0.36
12.25	7.16	6.92	7.27	14.85	9.38	9.14	0.35
12.30	7.32	7.08	5.48	14.90	9.40	9.15	0.34
12.35	7.44	7.20	4.29	14.95	9.41	9.17	0.34
12.40	7.55	7.31	3.48	15.00	9.43	9.19	0.33
12.45	7.67	7.43	2.90	15.05	9.44	9.20	0.32
12.50	7.78	7.54	2.54	15.10	9.46	9.22	0.31
12.55	7.85	7.61	2.30	15.15	9.47	9.23	0.30
12.60	7.92	7.68	2.04	15.20	9.49	9.25	0.30
12.65	7.99	7.75	1.75	15.25	9.50	9.26	0.30
12.70	8.06	7.82	1.54	15.30	9.52	9.28	0.29
12.75	8.12	7.88	1.41	15.35	9.53	9.29	0.29
12.80	8.18	7.94	1.32	15.40	9.55	9.31	0.29
12.85	8.24	8.00	1.25	15.45	9.56	9.32	0.29
12.90	8.29	8.05	1.19	15.50	9.58	9.34	0.28
12.95	8.34	8.10	1.13	15.55	9.59	9.35	0.28

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.28	18.20	10.20	9.96	0.17
15.65	9.62	9.38	0.28	18.25	10.21	9.97	0.17
15.70	9.64	9.39	0.28	18.30	10.22	9.98	0.17
15.75	9.65	9.41	0.27	18.35	10.23	9.99	0.17
15.80	9.66	9.42	0.27	18.40	10.24	9.99	0.17
15.85	9.68	9.44	0.27	18.45	10.24	10.00	0.17
15.90	9.69	9.45	0.27	18.50	10.25	10.01	0.17
15.95	9.70	9.46	0.26	18.55	10.26	10.02	0.17
16.00	9.72	9.48	0.26	18.60	10.27	10.03	0.17
16.05	9.73	9.49	0.26	18.65	10.28	10.04	0.17
16.10	9.74	9.50	0.26	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.26	18.75	10.30	10.05	0.16
16.20	9.77	9.53	0.25	18.80	10.30	10.06	0.16
16.25	9.78	9.54	0.25	18.85	10.31	10.07	0.16
16.30	9.80	9.55	0.25	18.90	10.32	10.08	0.16
16.35	9.81	9.57	0.25	18.95	10.33	10.09	0.16
16.40	9.82	9.58	0.25	19.00	10.34	10.10	0.16
16.45	9.83	9.59	0.24	19.05	10.35	10.11	0.16
16.50	9.85	9.60	0.24	19.10	10.35	10.11	0.16
16.55	9.86	9.62	0.24	19.15	10.36	10.12	0.16
16.60	9.87	9.63	0.24	19.20	10.37	10.13	0.16
16.65	9.88	9.64	0.24	19.25	10.38	10.14	0.16
16.70	9.89	9.65	0.23	19.30	10.39	10.15	0.16
16.75	9.91	9.66	0.23	19.35	10.40	10.15	0.16
16.80	9.92	9.68	0.23	19.40	10.40	10.16	0.16
16.85	9.93	9.69	0.23	19.45	10.41	10.17	0.16
16.90	9.94	9.70	0.22	19.50	10.42	10.18	0.16
16.95	9.95	9.71	0.22	19.55	10.43	10.19	0.16
17.00	9.96	9.72	0.22	19.60	10.44	10.20	0.16
17.05	9.97	9.73	0.22	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.22	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.21	19.75	10.46	10.22	0.15
17.20	10.01	9.77	0.21	19.80	10.47	10.23	0.15
17.25	10.02	9.78	0.21	19.85	10.48	10.24	0.15
17.30	10.03	9.79	0.21	19.90	10.48	10.24	0.15
17.35	10.04	9.80	0.21	19.95	10.49	10.25	0.15
17.40	10.05	9.81	0.20	20.00	10.50	10.26	0.15
17.45	10.06	9.82	0.20	20.05	10.51	10.27	0.15
17.50	10.07	9.83	0.20	20.10	10.52	10.27	0.15
17.55	10.08	9.84	0.20	20.15	10.52	10.28	0.15
17.60	10.09	9.85	0.20	20.20	10.53	10.29	0.15
17.65	10.10	9.86	0.19	20.25	10.54	10.30	0.15
17.70	10.11	9.87	0.19	20.30	10.55	10.31	0.15
17.75	10.12	9.88	0.19	20.35	10.55	10.31	0.15
17.80	10.13	9.89	0.19	20.40	10.56	10.32	0.15
17.85	10.14	9.90	0.18	20.45	10.57	10.33	0.15
17.90	10.15	9.91	0.18	20.50	10.58	10.34	0.15
17.95	10.16	9.92	0.18	20.55	10.58	10.34	0.15
18.00	10.17	9.92	0.18	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.18	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.17	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.17	20.75	10.61	10.37	0.14

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.14	23.40	10.97	10.73	0.12
20.85	10.63	10.39	0.14	23.45	10.97	10.73	0.12
20.90	10.64	10.39	0.14	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.14	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.14	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.14	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.14	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.14	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.14	23.80	11.01	10.77	0.11
21.25	10.69	10.45	0.14	23.85	11.02	10.78	0.11
21.30	10.69	10.45	0.14	23.90	11.03	10.78	0.11
21.35	10.70	10.46	0.14	23.95	11.03	10.79	0.11
21.40	10.71	10.47	0.14	24.00	11.04	10.80	0.12
21.45	10.71	10.47	0.14	24.05	11.04	10.80	0.12
21.50	10.72	10.48	0.14	24.10	11.04	10.80	0.10
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.06
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.13	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.13	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.13	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.13	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.13	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.13	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.13	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.13	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.13	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.13	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.13	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.13	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.13	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.13	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.13	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.12	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.12	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.12	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.12	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.12	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.12	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.12	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.12	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.12	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.12	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.12	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.12	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.12	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 10I: PDA-10 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 10P: PDA-10 (pervious)

Runoff = 6.06 cfs @ 12.17 hrs, Volume= 0.467 af, Depth= 7.72"
 Routed to Pond B-10 : Basin #10

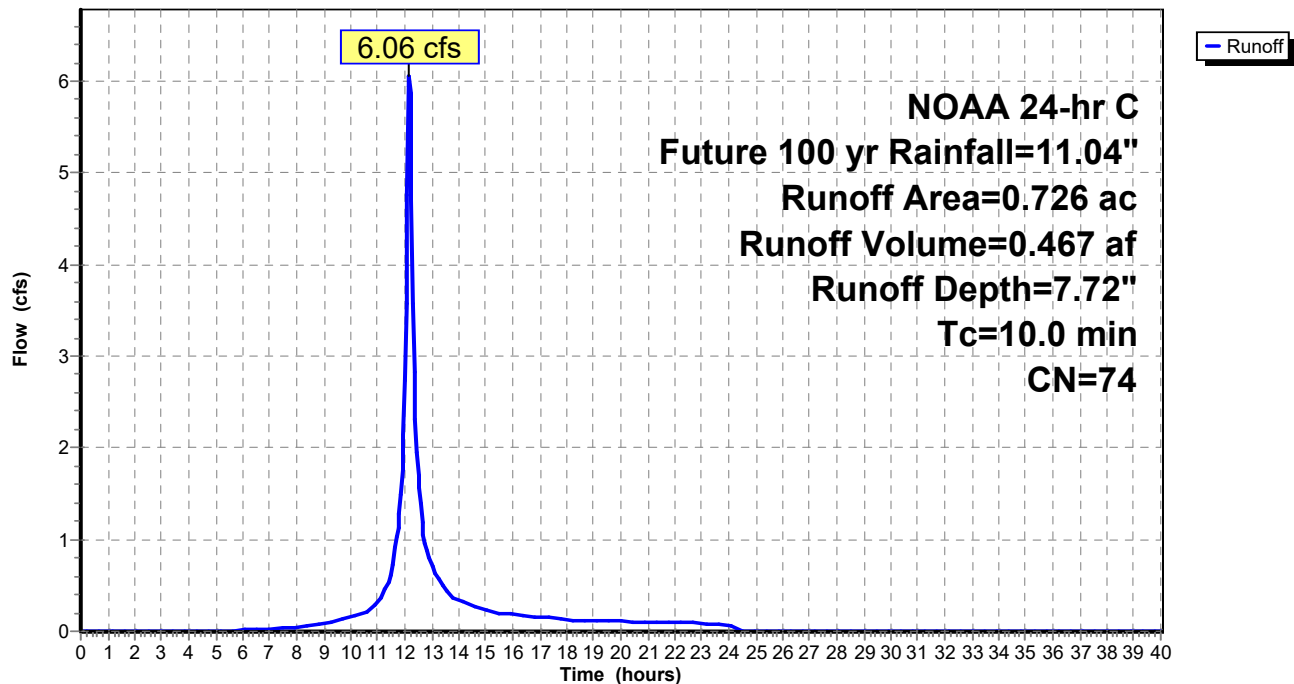
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.726	74	>75% Grass cover, Good, HSG C
0.726		100.00% Pervious Area

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

Subcatchment 10P: PDA-10 (pervious)

Hydrograph



Hydrograph for Subcatchment 10P: PDA-10 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.05
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.05
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.05
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.05
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.05
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.06
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.06
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.06
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.06
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.06
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.06
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.07
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.07
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.07
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.07
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.07
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.07
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.08
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.08
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.08
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.08
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.08
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.09
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.09
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.09
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.10
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.10
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.10
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.11
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.11
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.11
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.12
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.12
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.13
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.13
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.13
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.14
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.14
7.35	1.16	0.05	0.03	9.95	1.99	0.34	0.15
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.15
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.16
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.16
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.17
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.17
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.18
7.70	1.24	0.07	0.04	10.30	2.17	0.43	0.18
7.75	1.26	0.08	0.04	10.35	2.19	0.44	0.19

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.19	13.00	8.39	5.28	0.74
10.45	2.25	0.47	0.20	13.05	8.43	5.32	0.70
10.50	2.28	0.49	0.20	13.10	8.48	5.36	0.66
10.55	2.31	0.50	0.21	13.15	8.52	5.39	0.62
10.60	2.34	0.52	0.22	13.20	8.56	5.43	0.59
10.65	2.37	0.54	0.23	13.25	8.60	5.46	0.56
10.70	2.41	0.56	0.24	13.30	8.63	5.50	0.54
10.75	2.44	0.58	0.25	13.35	8.67	5.53	0.52
10.80	2.48	0.60	0.27	13.40	8.70	5.56	0.50
10.85	2.52	0.62	0.29	13.45	8.73	5.59	0.48
10.90	2.56	0.64	0.30	13.50	8.76	5.61	0.46
10.95	2.61	0.67	0.32	13.55	8.79	5.64	0.44
11.00	2.65	0.69	0.34	13.60	8.82	5.67	0.41
11.05	2.70	0.72	0.35	13.65	8.85	5.69	0.40
11.10	2.75	0.75	0.38	13.70	8.87	5.71	0.38
11.15	2.80	0.79	0.40	13.75	8.90	5.74	0.37
11.20	2.86	0.82	0.43	13.80	8.93	5.76	0.36
11.25	2.92	0.86	0.46	13.85	8.95	5.79	0.36
11.30	2.98	0.90	0.49	13.90	8.98	5.81	0.35
11.35	3.05	0.94	0.53	13.95	9.00	5.83	0.34
11.40	3.12	0.98	0.56	14.00	9.03	5.85	0.34
11.45	3.19	1.03	0.59	14.05	9.05	5.88	0.33
11.50	3.26	1.08	0.63	14.10	9.07	5.90	0.33
11.55	3.37	1.15	0.67	14.15	9.10	5.92	0.32
11.60	3.49	1.23	0.77	14.20	9.12	5.94	0.32
11.65	3.60	1.31	0.91	14.25	9.14	5.96	0.31
11.70	3.72	1.39	1.03	14.30	9.16	5.98	0.31
11.75	3.88	1.51	1.13	14.35	9.19	6.00	0.30
11.80	4.04	1.63	1.28	14.40	9.21	6.02	0.30
11.85	4.27	1.79	1.48	14.45	9.23	6.04	0.29
11.90	4.49	1.96	1.76	14.50	9.25	6.06	0.29
11.95	4.88	2.27	2.14	14.55	9.27	6.07	0.28
12.00	5.26	2.57	2.74	14.60	9.29	6.09	0.27
12.05	5.91	3.11	3.57	14.65	9.31	6.11	0.27
12.10	6.55	3.65	4.77	14.70	9.32	6.13	0.26
12.15	6.77	3.85	5.94	14.75	9.34	6.14	0.26
12.20	7.00	4.04	5.87	14.80	9.36	6.16	0.25
12.25	7.16	4.18	4.71	14.85	9.38	6.17	0.25
12.30	7.32	4.32	3.58	14.90	9.40	6.19	0.24
12.35	7.44	4.43	2.84	14.95	9.41	6.21	0.24
12.40	7.55	4.53	2.32	15.00	9.43	6.22	0.23
12.45	7.67	4.63	1.95	15.05	9.44	6.23	0.22
12.50	7.78	4.73	1.71	15.10	9.46	6.25	0.22
12.55	7.85	4.79	1.56	15.15	9.47	6.26	0.21
12.60	7.92	4.86	1.39	15.20	9.49	6.28	0.21
12.65	7.99	4.92	1.19	15.25	9.50	6.29	0.21
12.70	8.06	4.98	1.05	15.30	9.52	6.30	0.21
12.75	8.12	5.03	0.96	15.35	9.53	6.32	0.20
12.80	8.18	5.09	0.90	15.40	9.55	6.33	0.20
12.85	8.24	5.14	0.86	15.45	9.56	6.34	0.20
12.90	8.29	5.19	0.82	15.50	9.58	6.36	0.20
12.95	8.34	5.23	0.77	15.55	9.59	6.37	0.20

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.20	18.20	10.20	6.93	0.12
15.65	9.62	6.40	0.20	18.25	10.21	6.94	0.12
15.70	9.64	6.41	0.19	18.30	10.22	6.95	0.12
15.75	9.65	6.42	0.19	18.35	10.23	6.96	0.12
15.80	9.66	6.44	0.19	18.40	10.24	6.97	0.12
15.85	9.68	6.45	0.19	18.45	10.24	6.97	0.12
15.90	9.69	6.46	0.19	18.50	10.25	6.98	0.12
15.95	9.70	6.47	0.19	18.55	10.26	6.99	0.12
16.00	9.72	6.49	0.19	18.60	10.27	7.00	0.12
16.05	9.73	6.50	0.18	18.65	10.28	7.01	0.12
16.10	9.74	6.51	0.18	18.70	10.29	7.01	0.12
16.15	9.76	6.52	0.18	18.75	10.30	7.02	0.12
16.20	9.77	6.54	0.18	18.80	10.30	7.03	0.12
16.25	9.78	6.55	0.18	18.85	10.31	7.04	0.12
16.30	9.80	6.56	0.18	18.90	10.32	7.04	0.12
16.35	9.81	6.57	0.17	18.95	10.33	7.05	0.12
16.40	9.82	6.58	0.17	19.00	10.34	7.06	0.11
16.45	9.83	6.59	0.17	19.05	10.35	7.07	0.11
16.50	9.85	6.60	0.17	19.10	10.35	7.08	0.11
16.55	9.86	6.62	0.17	19.15	10.36	7.08	0.11
16.60	9.87	6.63	0.17	19.20	10.37	7.09	0.11
16.65	9.88	6.64	0.17	19.25	10.38	7.10	0.11
16.70	9.89	6.65	0.16	19.30	10.39	7.11	0.11
16.75	9.91	6.66	0.16	19.35	10.40	7.11	0.11
16.80	9.92	6.67	0.16	19.40	10.40	7.12	0.11
16.85	9.93	6.68	0.16	19.45	10.41	7.13	0.11
16.90	9.94	6.69	0.16	19.50	10.42	7.14	0.11
16.95	9.95	6.70	0.16	19.55	10.43	7.14	0.11
17.00	9.96	6.71	0.16	19.60	10.44	7.15	0.11
17.05	9.97	6.72	0.15	19.65	10.44	7.16	0.11
17.10	9.99	6.73	0.15	19.70	10.45	7.17	0.11
17.15	10.00	6.74	0.15	19.75	10.46	7.17	0.11
17.20	10.01	6.75	0.15	19.80	10.47	7.18	0.11
17.25	10.02	6.76	0.15	19.85	10.48	7.19	0.11
17.30	10.03	6.77	0.15	19.90	10.48	7.20	0.11
17.35	10.04	6.78	0.15	19.95	10.49	7.20	0.11
17.40	10.05	6.79	0.14	20.00	10.50	7.21	0.11
17.45	10.06	6.80	0.14	20.05	10.51	7.22	0.11
17.50	10.07	6.81	0.14	20.10	10.52	7.23	0.11
17.55	10.08	6.82	0.14	20.15	10.52	7.23	0.11
17.60	10.09	6.83	0.14	20.20	10.53	7.24	0.11
17.65	10.10	6.84	0.14	20.25	10.54	7.25	0.11
17.70	10.11	6.85	0.14	20.30	10.55	7.25	0.11
17.75	10.12	6.86	0.13	20.35	10.55	7.26	0.10
17.80	10.13	6.87	0.13	20.40	10.56	7.27	0.10
17.85	10.14	6.87	0.13	20.45	10.57	7.28	0.10
17.90	10.15	6.88	0.13	20.50	10.58	7.28	0.10
17.95	10.16	6.89	0.13	20.55	10.58	7.29	0.10
18.00	10.17	6.90	0.13	20.60	10.59	7.30	0.10
18.05	10.17	6.91	0.13	20.65	10.60	7.30	0.10
18.10	10.18	6.92	0.12	20.70	10.61	7.31	0.10
18.15	10.19	6.92	0.12	20.75	10.61	7.32	0.10

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.10	23.40	10.97	7.65	0.08
20.85	10.63	7.33	0.10	23.45	10.97	7.65	0.08
20.90	10.64	7.34	0.10	23.50	10.98	7.66	0.08
20.95	10.64	7.34	0.10	23.55	10.99	7.66	0.08
21.00	10.65	7.35	0.10	23.60	10.99	7.67	0.08
21.05	10.66	7.36	0.10	23.65	11.00	7.67	0.08
21.10	10.66	7.36	0.10	23.70	11.00	7.68	0.08
21.15	10.67	7.37	0.10	23.75	11.01	7.69	0.08
21.20	10.68	7.38	0.10	23.80	11.01	7.69	0.08
21.25	10.69	7.38	0.10	23.85	11.02	7.70	0.08
21.30	10.69	7.39	0.10	23.90	11.03	7.70	0.08
21.35	10.70	7.40	0.10	23.95	11.03	7.71	0.08
21.40	10.71	7.40	0.10	24.00	11.04	7.72	0.08
21.45	10.71	7.41	0.10	24.05	11.04	7.72	0.09
21.50	10.72	7.42	0.10	24.10	11.04	7.72	0.07
21.55	10.73	7.42	0.10	24.15	11.04	7.72	0.04
21.60	10.74	7.43	0.10	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.10	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.10	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.09	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.09	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.09	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.09	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.09	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.09	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.09	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.09	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.09	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.09	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.09	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.09	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.09	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.09	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.09	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.09	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.09	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.09	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.09	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.09	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.09	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.09	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.09	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.09	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.09	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.09	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.09	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.09	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.08	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.08	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.08	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.08	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.08	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 10P: PDA-10 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 11I: PDA-11 (impervious)

Runoff = 13.17 cfs @ 12.17 hrs, Volume= 1.173 af, Depth=10.80"
 Routed to Pond B-11 : Basin #11

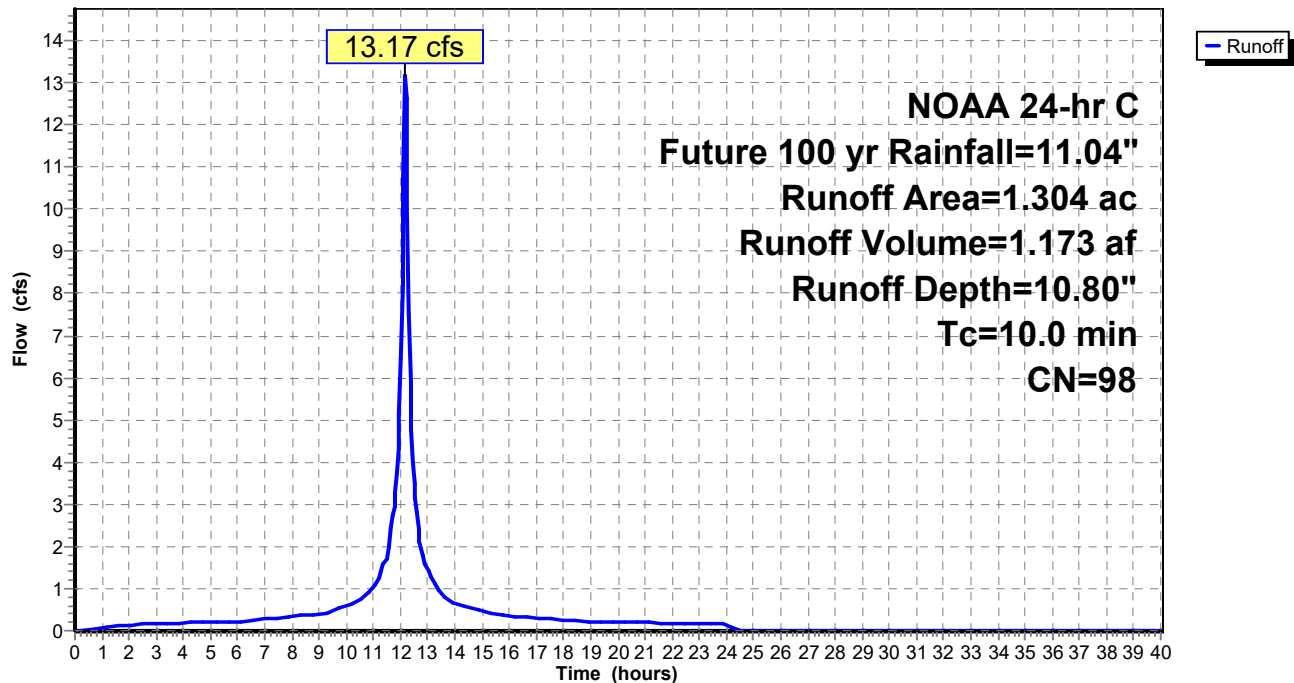
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.166	98	Concrete, HSG C
0.231	98	Roofs, HSG C
0.907	98	Paved roads w/curbs & sewers, HSG C
1.304	98	Weighted Average
1.304		100.00% Impervious Area

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

Subcatchment 11I: PDA-11 (impervious)

Hydrograph



Hydrograph for Subcatchment 11I: PDA-11 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.15
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.15
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.15
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.15
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.16
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.16
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.16
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.16
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.16
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.16
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.16
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.16
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.17
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.17
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.17
0.75	0.09	0.01	0.04	3.35	0.44	0.27	0.17
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.17
0.85	0.10	0.01	0.05	3.45	0.46	0.28	0.17
0.90	0.11	0.02	0.05	3.50	0.46	0.29	0.17
0.95	0.11	0.02	0.06	3.55	0.47	0.29	0.18
1.00	0.12	0.02	0.06	3.60	0.48	0.30	0.18
1.05	0.13	0.03	0.07	3.65	0.49	0.31	0.18
1.10	0.13	0.03	0.07	3.70	0.49	0.31	0.18
1.15	0.14	0.03	0.08	3.75	0.50	0.32	0.18
1.20	0.15	0.04	0.08	3.80	0.51	0.33	0.18
1.25	0.15	0.04	0.09	3.85	0.52	0.33	0.18
1.30	0.16	0.04	0.09	3.90	0.52	0.34	0.18
1.35	0.16	0.05	0.09	3.95	0.53	0.35	0.18
1.40	0.17	0.05	0.10	4.00	0.54	0.35	0.18
1.45	0.18	0.05	0.10	4.05	0.55	0.36	0.19
1.50	0.18	0.06	0.10	4.10	0.56	0.37	0.19
1.55	0.19	0.06	0.11	4.15	0.56	0.38	0.19
1.60	0.20	0.07	0.11	4.20	0.57	0.38	0.19
1.65	0.20	0.07	0.11	4.25	0.58	0.39	0.19
1.70	0.21	0.08	0.11	4.30	0.59	0.40	0.19
1.75	0.22	0.08	0.12	4.35	0.60	0.41	0.19
1.80	0.22	0.09	0.12	4.40	0.60	0.41	0.19
1.85	0.23	0.09	0.12	4.45	0.61	0.42	0.19
1.90	0.24	0.10	0.12	4.50	0.62	0.43	0.20
1.95	0.24	0.10	0.13	4.55	0.63	0.44	0.20
2.00	0.25	0.11	0.13	4.60	0.64	0.44	0.20
2.05	0.26	0.11	0.13	4.65	0.64	0.45	0.20
2.10	0.26	0.12	0.13	4.70	0.65	0.46	0.20
2.15	0.27	0.12	0.13	4.75	0.66	0.47	0.20
2.20	0.28	0.13	0.14	4.80	0.67	0.47	0.20
2.25	0.28	0.13	0.14	4.85	0.68	0.48	0.20
2.30	0.29	0.14	0.14	4.90	0.69	0.49	0.20
2.35	0.30	0.14	0.14	4.95	0.69	0.50	0.20
2.40	0.30	0.15	0.14	5.00	0.70	0.51	0.20
2.45	0.31	0.15	0.14	5.05	0.71	0.51	0.21
2.50	0.32	0.16	0.15	5.10	0.72	0.52	0.21
2.55	0.33	0.17	0.15	5.15	0.73	0.53	0.21

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.21	7.80	1.27	1.05	0.32
5.25	0.74	0.55	0.21	7.85	1.28	1.07	0.33
5.30	0.75	0.55	0.21	7.90	1.30	1.08	0.33
5.35	0.76	0.56	0.21	7.95	1.31	1.09	0.33
5.40	0.77	0.57	0.21	8.00	1.32	1.11	0.34
5.45	0.78	0.58	0.21	8.05	1.34	1.12	0.34
5.50	0.79	0.59	0.21	8.10	1.35	1.13	0.34
5.55	0.80	0.59	0.21	8.15	1.36	1.15	0.35
5.60	0.80	0.60	0.22	8.20	1.38	1.16	0.35
5.65	0.81	0.61	0.22	8.25	1.39	1.17	0.35
5.70	0.82	0.62	0.22	8.30	1.40	1.19	0.35
5.75	0.83	0.63	0.22	8.35	1.42	1.20	0.36
5.80	0.84	0.64	0.22	8.40	1.43	1.21	0.36
5.85	0.85	0.64	0.22	8.45	1.45	1.23	0.36
5.90	0.86	0.65	0.22	8.50	1.46	1.24	0.37
5.95	0.87	0.66	0.22	8.55	1.48	1.26	0.37
6.00	0.87	0.67	0.22	8.60	1.49	1.27	0.37
6.05	0.88	0.68	0.22	8.65	1.51	1.29	0.37
6.10	0.89	0.69	0.23	8.70	1.52	1.30	0.38
6.15	0.90	0.70	0.23	8.75	1.54	1.32	0.38
6.20	0.91	0.71	0.23	8.80	1.55	1.33	0.38
6.25	0.92	0.71	0.23	8.85	1.57	1.35	0.39
6.30	0.93	0.72	0.24	8.90	1.58	1.36	0.39
6.35	0.94	0.73	0.24	8.95	1.60	1.38	0.39
6.40	0.95	0.74	0.24	9.00	1.61	1.39	0.40
6.45	0.96	0.75	0.24	9.05	1.63	1.41	0.40
6.50	0.97	0.76	0.25	9.10	1.64	1.42	0.41
6.55	0.98	0.77	0.25	9.15	1.66	1.44	0.41
6.60	0.99	0.78	0.25	9.20	1.68	1.46	0.42
6.65	1.00	0.79	0.26	9.25	1.70	1.47	0.43
6.70	1.01	0.80	0.26	9.30	1.72	1.49	0.44
6.75	1.02	0.81	0.26	9.35	1.73	1.51	0.46
6.80	1.03	0.82	0.27	9.40	1.75	1.53	0.47
6.85	1.04	0.83	0.27	9.45	1.77	1.55	0.48
6.90	1.05	0.84	0.27	9.50	1.79	1.57	0.49
6.95	1.07	0.85	0.27	9.55	1.81	1.59	0.50
7.00	1.08	0.87	0.28	9.60	1.83	1.61	0.51
7.05	1.09	0.88	0.28	9.65	1.85	1.63	0.52
7.10	1.10	0.89	0.28	9.70	1.88	1.65	0.53
7.15	1.11	0.90	0.29	9.75	1.90	1.67	0.54
7.20	1.12	0.91	0.29	9.80	1.92	1.69	0.55
7.25	1.13	0.92	0.29	9.85	1.94	1.72	0.56
7.30	1.15	0.93	0.30	9.90	1.97	1.74	0.57
7.35	1.16	0.94	0.30	9.95	1.99	1.76	0.59
7.40	1.17	0.96	0.30	10.00	2.01	1.79	0.60
7.45	1.18	0.97	0.30	10.05	2.04	1.81	0.61
7.50	1.19	0.98	0.31	10.10	2.06	1.84	0.62
7.55	1.21	0.99	0.31	10.15	2.09	1.86	0.63
7.60	1.22	1.00	0.31	10.20	2.11	1.89	0.64
7.65	1.23	1.02	0.32	10.25	2.14	1.91	0.65
7.70	1.24	1.03	0.32	10.30	2.17	1.94	0.66
7.75	1.26	1.04	0.32	10.35	2.19	1.97	0.67

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.68	13.00	8.39	8.15	1.47
10.45	2.25	2.02	0.69	13.05	8.43	8.19	1.39
10.50	2.28	2.05	0.71	13.10	8.48	8.24	1.31
10.55	2.31	2.08	0.72	13.15	8.52	8.28	1.24
10.60	2.34	2.11	0.74	13.20	8.56	8.32	1.17
10.65	2.37	2.14	0.77	13.25	8.60	8.36	1.12
10.70	2.41	2.18	0.81	13.30	8.63	8.39	1.08
10.75	2.44	2.21	0.85	13.35	8.67	8.43	1.03
10.80	2.48	2.25	0.89	13.40	8.70	8.46	0.99
10.85	2.52	2.29	0.93	13.45	8.73	8.49	0.95
10.90	2.56	2.33	0.97	13.50	8.76	8.52	0.90
10.95	2.61	2.38	1.02	13.55	8.79	8.55	0.86
11.00	2.65	2.42	1.06	13.60	8.82	8.58	0.82
11.05	2.70	2.47	1.10	13.65	8.85	8.61	0.78
11.10	2.75	2.52	1.16	13.70	8.87	8.63	0.75
11.15	2.80	2.57	1.22	13.75	8.90	8.66	0.73
11.20	2.86	2.63	1.30	13.80	8.93	8.69	0.72
11.25	2.92	2.69	1.37	13.85	8.95	8.71	0.70
11.30	2.98	2.75	1.45	13.90	8.98	8.74	0.69
11.35	3.05	2.82	1.53	13.95	9.00	8.76	0.68
11.40	3.12	2.89	1.61	14.00	9.03	8.79	0.67
11.45	3.19	2.96	1.68	14.05	9.05	8.81	0.66
11.50	3.26	3.03	1.75	14.10	9.07	8.83	0.65
11.55	3.37	3.14	1.85	14.15	9.10	8.86	0.64
11.60	3.49	3.25	2.10	14.20	9.12	8.88	0.63
11.65	3.60	3.37	2.45	14.25	9.14	8.90	0.61
11.70	3.72	3.49	2.73	14.30	9.16	8.92	0.60
11.75	3.88	3.65	2.94	14.35	9.19	8.95	0.59
11.80	4.04	3.81	3.26	14.40	9.21	8.97	0.58
11.85	4.27	4.03	3.72	14.45	9.23	8.99	0.57
11.90	4.49	4.25	4.34	14.50	9.25	9.01	0.56
11.95	4.88	4.64	5.16	14.55	9.27	9.03	0.55
12.00	5.26	5.02	6.46	14.60	9.29	9.05	0.54
12.05	5.91	5.67	8.22	14.65	9.31	9.07	0.53
12.10	6.55	6.31	10.68	14.70	9.32	9.08	0.52
12.15	6.77	6.53	12.99	14.75	9.34	9.10	0.51
12.20	7.00	6.76	12.63	14.80	9.36	9.12	0.49
12.25	7.16	6.92	10.00	14.85	9.38	9.14	0.48
12.30	7.32	7.08	7.53	14.90	9.40	9.15	0.47
12.35	7.44	7.20	5.91	14.95	9.41	9.17	0.46
12.40	7.55	7.31	4.79	15.00	9.43	9.19	0.45
12.45	7.67	7.43	3.99	15.05	9.44	9.20	0.44
12.50	7.78	7.54	3.49	15.10	9.46	9.22	0.43
12.55	7.85	7.61	3.17	15.15	9.47	9.23	0.42
12.60	7.92	7.68	2.81	15.20	9.49	9.25	0.41
12.65	7.99	7.75	2.41	15.25	9.50	9.26	0.41
12.70	8.06	7.82	2.11	15.30	9.52	9.28	0.40
12.75	8.12	7.88	1.94	15.35	9.53	9.29	0.40
12.80	8.18	7.94	1.82	15.40	9.55	9.31	0.40
12.85	8.24	8.00	1.72	15.45	9.56	9.32	0.39
12.90	8.29	8.05	1.63	15.50	9.58	9.34	0.39
12.95	8.34	8.10	1.55	15.55	9.59	9.35	0.39

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.38	18.20	10.20	9.96	0.23
15.65	9.62	9.38	0.38	18.25	10.21	9.97	0.23
15.70	9.64	9.39	0.38	18.30	10.22	9.98	0.23
15.75	9.65	9.41	0.38	18.35	10.23	9.99	0.23
15.80	9.66	9.42	0.37	18.40	10.24	9.99	0.23
15.85	9.68	9.44	0.37	18.45	10.24	10.00	0.23
15.90	9.69	9.45	0.37	18.50	10.25	10.01	0.23
15.95	9.70	9.46	0.36	18.55	10.26	10.02	0.23
16.00	9.72	9.48	0.36	18.60	10.27	10.03	0.23
16.05	9.73	9.49	0.36	18.65	10.28	10.04	0.23
16.10	9.74	9.50	0.35	18.70	10.29	10.05	0.23
16.15	9.76	9.52	0.35	18.75	10.30	10.05	0.23
16.20	9.77	9.53	0.35	18.80	10.30	10.06	0.22
16.25	9.78	9.54	0.35	18.85	10.31	10.07	0.22
16.30	9.80	9.55	0.34	18.90	10.32	10.08	0.22
16.35	9.81	9.57	0.34	18.95	10.33	10.09	0.22
16.40	9.82	9.58	0.34	19.00	10.34	10.10	0.22
16.45	9.83	9.59	0.33	19.05	10.35	10.11	0.22
16.50	9.85	9.60	0.33	19.10	10.35	10.11	0.22
16.55	9.86	9.62	0.33	19.15	10.36	10.12	0.22
16.60	9.87	9.63	0.33	19.20	10.37	10.13	0.22
16.65	9.88	9.64	0.32	19.25	10.38	10.14	0.22
16.70	9.89	9.65	0.32	19.30	10.39	10.15	0.22
16.75	9.91	9.66	0.32	19.35	10.40	10.15	0.22
16.80	9.92	9.68	0.31	19.40	10.40	10.16	0.22
16.85	9.93	9.69	0.31	19.45	10.41	10.17	0.22
16.90	9.94	9.70	0.31	19.50	10.42	10.18	0.21
16.95	9.95	9.71	0.31	19.55	10.43	10.19	0.21
17.00	9.96	9.72	0.30	19.60	10.44	10.20	0.21
17.05	9.97	9.73	0.30	19.65	10.44	10.20	0.21
17.10	9.99	9.74	0.30	19.70	10.45	10.21	0.21
17.15	10.00	9.76	0.29	19.75	10.46	10.22	0.21
17.20	10.01	9.77	0.29	19.80	10.47	10.23	0.21
17.25	10.02	9.78	0.29	19.85	10.48	10.24	0.21
17.30	10.03	9.79	0.29	19.90	10.48	10.24	0.21
17.35	10.04	9.80	0.28	19.95	10.49	10.25	0.21
17.40	10.05	9.81	0.28	20.00	10.50	10.26	0.21
17.45	10.06	9.82	0.28	20.05	10.51	10.27	0.21
17.50	10.07	9.83	0.27	20.10	10.52	10.27	0.21
17.55	10.08	9.84	0.27	20.15	10.52	10.28	0.21
17.60	10.09	9.85	0.27	20.20	10.53	10.29	0.20
17.65	10.10	9.86	0.27	20.25	10.54	10.30	0.20
17.70	10.11	9.87	0.26	20.30	10.55	10.31	0.20
17.75	10.12	9.88	0.26	20.35	10.55	10.31	0.20
17.80	10.13	9.89	0.26	20.40	10.56	10.32	0.20
17.85	10.14	9.90	0.25	20.45	10.57	10.33	0.20
17.90	10.15	9.91	0.25	20.50	10.58	10.34	0.20
17.95	10.16	9.92	0.25	20.55	10.58	10.34	0.20
18.00	10.17	9.92	0.25	20.60	10.59	10.35	0.20
18.05	10.17	9.93	0.24	20.65	10.60	10.36	0.20
18.10	10.18	9.94	0.24	20.70	10.61	10.37	0.20
18.15	10.19	9.95	0.24	20.75	10.61	10.37	0.20

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.20	23.40	10.97	10.73	0.16
20.85	10.63	10.39	0.20	23.45	10.97	10.73	0.16
20.90	10.64	10.39	0.19	23.50	10.98	10.74	0.16
20.95	10.64	10.40	0.19	23.55	10.99	10.74	0.16
21.00	10.65	10.41	0.19	23.60	10.99	10.75	0.16
21.05	10.66	10.42	0.19	23.65	11.00	10.76	0.15
21.10	10.66	10.42	0.19	23.70	11.00	10.76	0.15
21.15	10.67	10.43	0.19	23.75	11.01	10.77	0.15
21.20	10.68	10.44	0.19	23.80	11.01	10.77	0.15
21.25	10.69	10.45	0.19	23.85	11.02	10.78	0.15
21.30	10.69	10.45	0.19	23.90	11.03	10.78	0.15
21.35	10.70	10.46	0.19	23.95	11.03	10.79	0.15
21.40	10.71	10.47	0.19	24.00	11.04	10.80	0.16
21.45	10.71	10.47	0.19	24.05	11.04	10.80	0.16
21.50	10.72	10.48	0.19	24.10	11.04	10.80	0.13
21.55	10.73	10.49	0.19	24.15	11.04	10.80	0.08
21.60	10.74	10.49	0.18	24.20	11.04	10.80	0.04
21.65	10.74	10.50	0.18	24.25	11.04	10.80	0.02
21.70	10.75	10.51	0.18	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.18	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.18	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.18	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.18	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.18	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.18	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.18	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.18	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.18	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.18	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.18	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.18	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.17	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.17	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.17	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.17	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.17	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.17	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.17	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.17	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.17	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.17	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.17	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.17	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.16	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.16	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.16	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.16	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.16	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.16	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.16	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.16	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.16	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 11I: PDA-11 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 11P: PDA-11 (pervious)

Runoff = 7.71 cfs @ 12.17 hrs, Volume= 0.594 af, Depth= 7.72"
 Routed to Pond B-11 : Basin #11

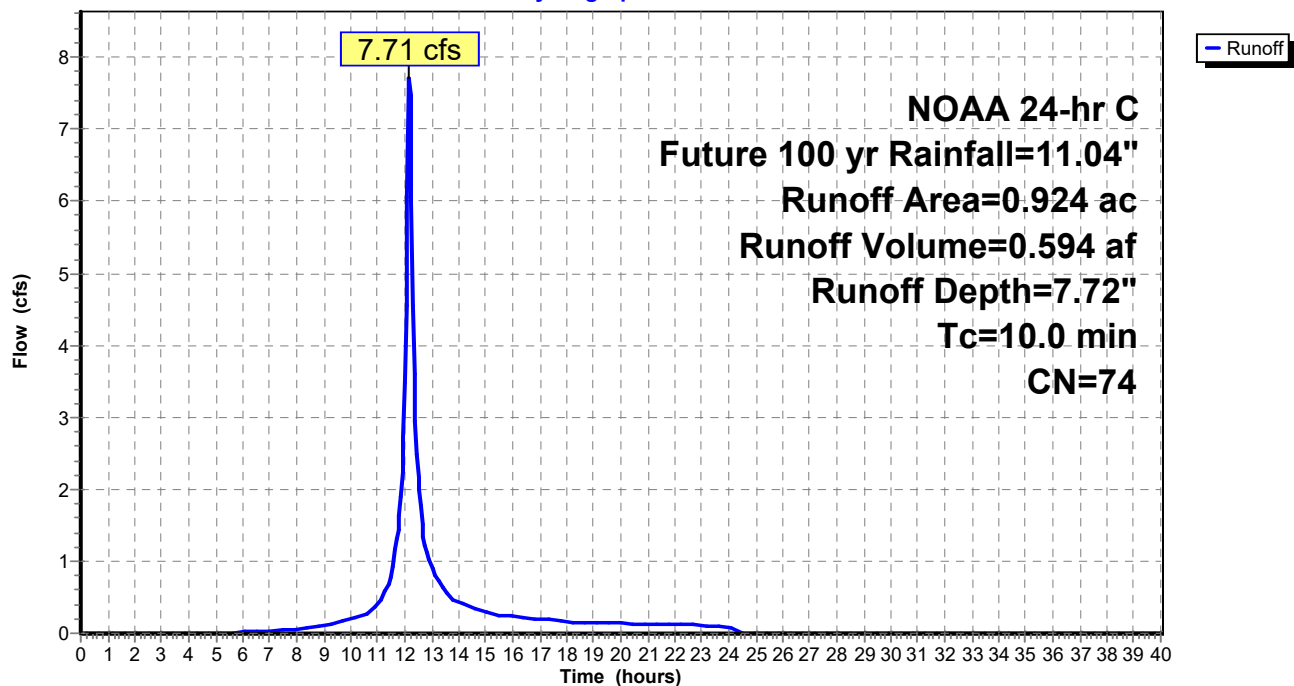
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.924	74	>75% Grass cover, Good, HSG C
0.924		100.00% Pervious Area

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

Subcatchment 11P: PDA-11 (pervious)

Hydrograph



Hydrograph for Subcatchment 11P: PDA-11 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.10
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.14
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.15
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.16
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.17
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.17
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.18
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.19
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.19
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.20
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.20
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.21
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.22
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.22
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.23
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.24

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.24	13.00	8.39	5.28	0.94
10.45	2.25	0.47	0.25	13.05	8.43	5.32	0.89
10.50	2.28	0.49	0.26	13.10	8.48	5.36	0.84
10.55	2.31	0.50	0.26	13.15	8.52	5.39	0.79
10.60	2.34	0.52	0.27	13.20	8.56	5.43	0.75
10.65	2.37	0.54	0.29	13.25	8.60	5.46	0.72
10.70	2.41	0.56	0.31	13.30	8.63	5.50	0.69
10.75	2.44	0.58	0.32	13.35	8.67	5.53	0.66
10.80	2.48	0.60	0.34	13.40	8.70	5.56	0.63
10.85	2.52	0.62	0.36	13.45	8.73	5.59	0.61
10.90	2.56	0.64	0.38	13.50	8.76	5.61	0.58
10.95	2.61	0.67	0.41	13.55	8.79	5.64	0.55
11.00	2.65	0.69	0.43	13.60	8.82	5.67	0.53
11.05	2.70	0.72	0.45	13.65	8.85	5.69	0.50
11.10	2.75	0.75	0.48	13.70	8.87	5.71	0.48
11.15	2.80	0.79	0.51	13.75	8.90	5.74	0.47
11.20	2.86	0.82	0.55	13.80	8.93	5.76	0.46
11.25	2.92	0.86	0.59	13.85	8.95	5.79	0.45
11.30	2.98	0.90	0.63	13.90	8.98	5.81	0.45
11.35	3.05	0.94	0.67	13.95	9.00	5.83	0.44
11.40	3.12	0.98	0.71	14.00	9.03	5.85	0.43
11.45	3.19	1.03	0.76	14.05	9.05	5.88	0.43
11.50	3.26	1.08	0.80	14.10	9.07	5.90	0.42
11.55	3.37	1.15	0.85	14.15	9.10	5.92	0.41
11.60	3.49	1.23	0.98	14.20	9.12	5.94	0.40
11.65	3.60	1.31	1.16	14.25	9.14	5.96	0.40
11.70	3.72	1.39	1.32	14.30	9.16	5.98	0.39
11.75	3.88	1.51	1.44	14.35	9.19	6.00	0.38
11.80	4.04	1.63	1.63	14.40	9.21	6.02	0.38
11.85	4.27	1.79	1.89	14.45	9.23	6.04	0.37
11.90	4.49	1.96	2.24	14.50	9.25	6.06	0.36
11.95	4.88	2.27	2.72	14.55	9.27	6.07	0.36
12.00	5.26	2.57	3.49	14.60	9.29	6.09	0.35
12.05	5.91	3.11	4.55	14.65	9.31	6.11	0.34
12.10	6.55	3.65	6.06	14.70	9.32	6.13	0.34
12.15	6.77	3.85	7.56	14.75	9.34	6.14	0.33
12.20	7.00	4.04	7.47	14.80	9.36	6.16	0.32
12.25	7.16	4.18	5.99	14.85	9.38	6.17	0.31
12.30	7.32	4.32	4.56	14.90	9.40	6.19	0.31
12.35	7.44	4.43	3.61	14.95	9.41	6.21	0.30
12.40	7.55	4.53	2.95	15.00	9.43	6.22	0.29
12.45	7.67	4.63	2.48	15.05	9.44	6.23	0.29
12.50	7.78	4.73	2.17	15.10	9.46	6.25	0.28
12.55	7.85	4.79	1.98	15.15	9.47	6.26	0.27
12.60	7.92	4.86	1.77	15.20	9.49	6.28	0.27
12.65	7.99	4.92	1.52	15.25	9.50	6.29	0.26
12.70	8.06	4.98	1.34	15.30	9.52	6.30	0.26
12.75	8.12	5.03	1.23	15.35	9.53	6.32	0.26
12.80	8.18	5.09	1.15	15.40	9.55	6.33	0.26
12.85	8.24	5.14	1.09	15.45	9.56	6.34	0.26
12.90	8.29	5.19	1.04	15.50	9.58	6.36	0.25
12.95	8.34	5.23	0.99	15.55	9.59	6.37	0.25

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.25	18.20	10.20	6.93	0.15
15.65	9.62	6.40	0.25	18.25	10.21	6.94	0.15
15.70	9.64	6.41	0.25	18.30	10.22	6.95	0.15
15.75	9.65	6.42	0.24	18.35	10.23	6.96	0.15
15.80	9.66	6.44	0.24	18.40	10.24	6.97	0.15
15.85	9.68	6.45	0.24	18.45	10.24	6.97	0.15
15.90	9.69	6.46	0.24	18.50	10.25	6.98	0.15
15.95	9.70	6.47	0.24	18.55	10.26	6.99	0.15
16.00	9.72	6.49	0.24	18.60	10.27	7.00	0.15
16.05	9.73	6.50	0.23	18.65	10.28	7.01	0.15
16.10	9.74	6.51	0.23	18.70	10.29	7.01	0.15
16.15	9.76	6.52	0.23	18.75	10.30	7.02	0.15
16.20	9.77	6.54	0.23	18.80	10.30	7.03	0.15
16.25	9.78	6.55	0.23	18.85	10.31	7.04	0.15
16.30	9.80	6.56	0.22	18.90	10.32	7.04	0.15
16.35	9.81	6.57	0.22	18.95	10.33	7.05	0.15
16.40	9.82	6.58	0.22	19.00	10.34	7.06	0.15
16.45	9.83	6.59	0.22	19.05	10.35	7.07	0.15
16.50	9.85	6.60	0.22	19.10	10.35	7.08	0.15
16.55	9.86	6.62	0.22	19.15	10.36	7.08	0.14
16.60	9.87	6.63	0.21	19.20	10.37	7.09	0.14
16.65	9.88	6.64	0.21	19.25	10.38	7.10	0.14
16.70	9.89	6.65	0.21	19.30	10.39	7.11	0.14
16.75	9.91	6.66	0.21	19.35	10.40	7.11	0.14
16.80	9.92	6.67	0.21	19.40	10.40	7.12	0.14
16.85	9.93	6.68	0.20	19.45	10.41	7.13	0.14
16.90	9.94	6.69	0.20	19.50	10.42	7.14	0.14
16.95	9.95	6.70	0.20	19.55	10.43	7.14	0.14
17.00	9.96	6.71	0.20	19.60	10.44	7.15	0.14
17.05	9.97	6.72	0.20	19.65	10.44	7.16	0.14
17.10	9.99	6.73	0.20	19.70	10.45	7.17	0.14
17.15	10.00	6.74	0.19	19.75	10.46	7.17	0.14
17.20	10.01	6.75	0.19	19.80	10.47	7.18	0.14
17.25	10.02	6.76	0.19	19.85	10.48	7.19	0.14
17.30	10.03	6.77	0.19	19.90	10.48	7.20	0.14
17.35	10.04	6.78	0.19	19.95	10.49	7.20	0.14
17.40	10.05	6.79	0.18	20.00	10.50	7.21	0.14
17.45	10.06	6.80	0.18	20.05	10.51	7.22	0.14
17.50	10.07	6.81	0.18	20.10	10.52	7.23	0.14
17.55	10.08	6.82	0.18	20.15	10.52	7.23	0.14
17.60	10.09	6.83	0.18	20.20	10.53	7.24	0.13
17.65	10.10	6.84	0.17	20.25	10.54	7.25	0.13
17.70	10.11	6.85	0.17	20.30	10.55	7.25	0.13
17.75	10.12	6.86	0.17	20.35	10.55	7.26	0.13
17.80	10.13	6.87	0.17	20.40	10.56	7.27	0.13
17.85	10.14	6.87	0.17	20.45	10.57	7.28	0.13
17.90	10.15	6.88	0.16	20.50	10.58	7.28	0.13
17.95	10.16	6.89	0.16	20.55	10.58	7.29	0.13
18.00	10.17	6.90	0.16	20.60	10.59	7.30	0.13
18.05	10.17	6.91	0.16	20.65	10.60	7.30	0.13
18.10	10.18	6.92	0.16	20.70	10.61	7.31	0.13
18.15	10.19	6.92	0.16	20.75	10.61	7.32	0.13

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.13	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.13	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.13	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.13	23.55	10.99	7.66	0.10
21.00	10.65	7.35	0.13	23.60	10.99	7.67	0.10
21.05	10.66	7.36	0.13	23.65	11.00	7.67	0.10
21.10	10.66	7.36	0.13	23.70	11.00	7.68	0.10
21.15	10.67	7.37	0.13	23.75	11.01	7.69	0.10
21.20	10.68	7.38	0.13	23.80	11.01	7.69	0.10
21.25	10.69	7.38	0.13	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.12	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.12	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.12	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.12	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.12	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.12	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.12	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.12	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.12	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.12	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.12	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.12	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.12	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.12	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.12	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.12	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.12	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.12	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.12	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.12	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.12	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.11	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.11	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.11	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.11	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.11	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.11	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.11	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.11	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.11	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.11	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.11	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.11	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.11	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.11	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.11	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.11	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 11P: PDA-11 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 12I: PDA-12 (impervious)

Runoff = 10.97 cfs @ 12.17 hrs, Volume= 0.977 af, Depth=10.80"
 Routed to Pond B-12 : Basin #12

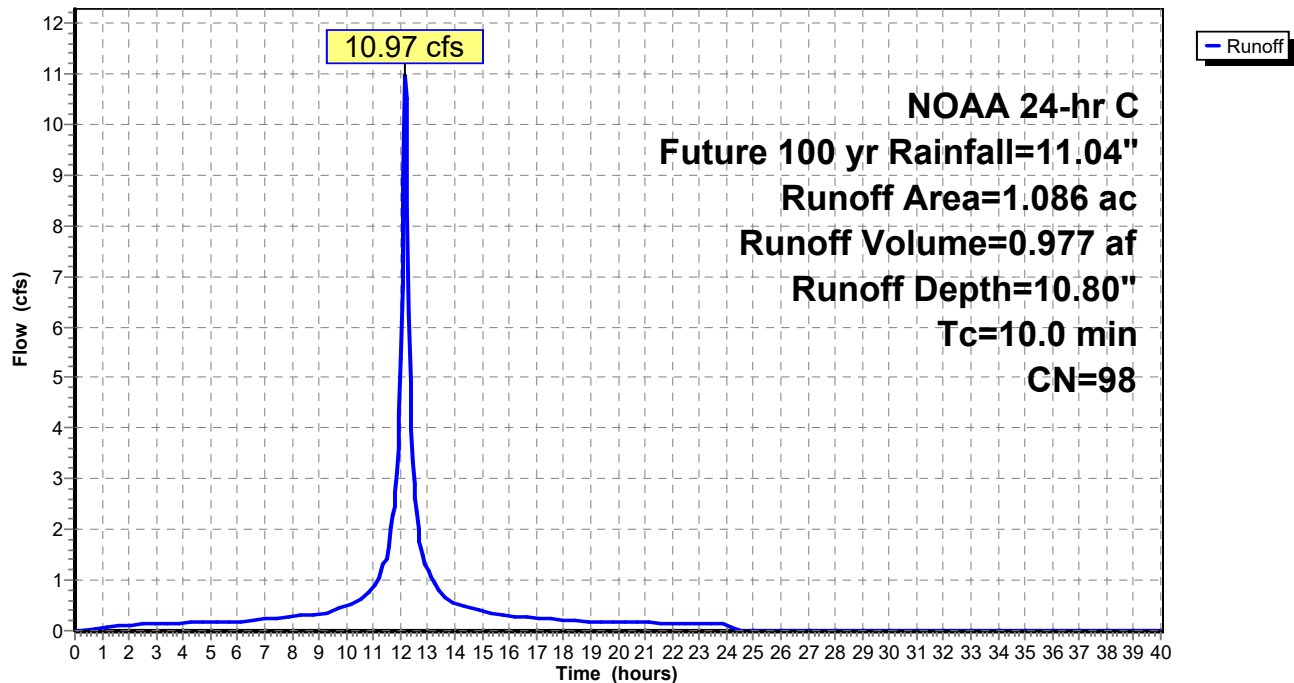
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.404	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.039	98	Concrete, HSG C
1.086	98	Weighted Average
1.086		100.00% Impervious Area

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

Subcatchment 12I: PDA-12 (impervious)

Hydrograph



Hydrograph for Subcatchment 12I: PDA-12 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.12
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.13
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.13
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.13
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.13
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.13
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.13
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.13
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.13
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.14
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.14
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.14
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.14
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.14
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.14
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.14
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.14
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.14
0.90	0.11	0.02	0.05	3.50	0.46	0.29	0.14
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.15
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.15
1.05	0.13	0.03	0.06	3.65	0.49	0.31	0.15
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.15
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.15
1.20	0.15	0.04	0.07	3.80	0.51	0.33	0.15
1.25	0.15	0.04	0.07	3.85	0.52	0.33	0.15
1.30	0.16	0.04	0.07	3.90	0.52	0.34	0.15
1.35	0.16	0.05	0.08	3.95	0.53	0.35	0.15
1.40	0.17	0.05	0.08	4.00	0.54	0.35	0.15
1.45	0.18	0.05	0.08	4.05	0.55	0.36	0.15
1.50	0.18	0.06	0.08	4.10	0.56	0.37	0.16
1.55	0.19	0.06	0.09	4.15	0.56	0.38	0.16
1.60	0.20	0.07	0.09	4.20	0.57	0.38	0.16
1.65	0.20	0.07	0.09	4.25	0.58	0.39	0.16
1.70	0.21	0.08	0.09	4.30	0.59	0.40	0.16
1.75	0.22	0.08	0.10	4.35	0.60	0.41	0.16
1.80	0.22	0.09	0.10	4.40	0.60	0.41	0.16
1.85	0.23	0.09	0.10	4.45	0.61	0.42	0.16
1.90	0.24	0.10	0.10	4.50	0.62	0.43	0.16
1.95	0.24	0.10	0.10	4.55	0.63	0.44	0.16
2.00	0.25	0.11	0.11	4.60	0.64	0.44	0.16
2.05	0.26	0.11	0.11	4.65	0.64	0.45	0.17
2.10	0.26	0.12	0.11	4.70	0.65	0.46	0.17
2.15	0.27	0.12	0.11	4.75	0.66	0.47	0.17
2.20	0.28	0.13	0.11	4.80	0.67	0.47	0.17
2.25	0.28	0.13	0.11	4.85	0.68	0.48	0.17
2.30	0.29	0.14	0.12	4.90	0.69	0.49	0.17
2.35	0.30	0.14	0.12	4.95	0.69	0.50	0.17
2.40	0.30	0.15	0.12	5.00	0.70	0.51	0.17
2.45	0.31	0.15	0.12	5.05	0.71	0.51	0.17
2.50	0.32	0.16	0.12	5.10	0.72	0.52	0.17
2.55	0.33	0.17	0.12	5.15	0.73	0.53	0.17

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.17	7.80	1.27	1.05	0.27
5.25	0.74	0.55	0.17	7.85	1.28	1.07	0.27
5.30	0.75	0.55	0.18	7.90	1.30	1.08	0.27
5.35	0.76	0.56	0.18	7.95	1.31	1.09	0.28
5.40	0.77	0.57	0.18	8.00	1.32	1.11	0.28
5.45	0.78	0.58	0.18	8.05	1.34	1.12	0.28
5.50	0.79	0.59	0.18	8.10	1.35	1.13	0.29
5.55	0.80	0.59	0.18	8.15	1.36	1.15	0.29
5.60	0.80	0.60	0.18	8.20	1.38	1.16	0.29
5.65	0.81	0.61	0.18	8.25	1.39	1.17	0.29
5.70	0.82	0.62	0.18	8.30	1.40	1.19	0.29
5.75	0.83	0.63	0.18	8.35	1.42	1.20	0.30
5.80	0.84	0.64	0.18	8.40	1.43	1.21	0.30
5.85	0.85	0.64	0.18	8.45	1.45	1.23	0.30
5.90	0.86	0.65	0.18	8.50	1.46	1.24	0.30
5.95	0.87	0.66	0.18	8.55	1.48	1.26	0.31
6.00	0.87	0.67	0.19	8.60	1.49	1.27	0.31
6.05	0.88	0.68	0.19	8.65	1.51	1.29	0.31
6.10	0.89	0.69	0.19	8.70	1.52	1.30	0.31
6.15	0.90	0.70	0.19	8.75	1.54	1.32	0.32
6.20	0.91	0.71	0.19	8.80	1.55	1.33	0.32
6.25	0.92	0.71	0.19	8.85	1.57	1.35	0.32
6.30	0.93	0.72	0.20	8.90	1.58	1.36	0.32
6.35	0.94	0.73	0.20	8.95	1.60	1.38	0.33
6.40	0.95	0.74	0.20	9.00	1.61	1.39	0.33
6.45	0.96	0.75	0.20	9.05	1.63	1.41	0.33
6.50	0.97	0.76	0.21	9.10	1.64	1.42	0.34
6.55	0.98	0.77	0.21	9.15	1.66	1.44	0.34
6.60	0.99	0.78	0.21	9.20	1.68	1.46	0.35
6.65	1.00	0.79	0.21	9.25	1.70	1.47	0.36
6.70	1.01	0.80	0.22	9.30	1.72	1.49	0.37
6.75	1.02	0.81	0.22	9.35	1.73	1.51	0.38
6.80	1.03	0.82	0.22	9.40	1.75	1.53	0.39
6.85	1.04	0.83	0.22	9.45	1.77	1.55	0.40
6.90	1.05	0.84	0.23	9.50	1.79	1.57	0.41
6.95	1.07	0.85	0.23	9.55	1.81	1.59	0.41
7.00	1.08	0.87	0.23	9.60	1.83	1.61	0.42
7.05	1.09	0.88	0.23	9.65	1.85	1.63	0.43
7.10	1.10	0.89	0.24	9.70	1.88	1.65	0.44
7.15	1.11	0.90	0.24	9.75	1.90	1.67	0.45
7.20	1.12	0.91	0.24	9.80	1.92	1.69	0.46
7.25	1.13	0.92	0.24	9.85	1.94	1.72	0.47
7.30	1.15	0.93	0.25	9.90	1.97	1.74	0.48
7.35	1.16	0.94	0.25	9.95	1.99	1.76	0.49
7.40	1.17	0.96	0.25	10.00	2.01	1.79	0.50
7.45	1.18	0.97	0.25	10.05	2.04	1.81	0.51
7.50	1.19	0.98	0.26	10.10	2.06	1.84	0.51
7.55	1.21	0.99	0.26	10.15	2.09	1.86	0.52
7.60	1.22	1.00	0.26	10.20	2.11	1.89	0.53
7.65	1.23	1.02	0.26	10.25	2.14	1.91	0.54
7.70	1.24	1.03	0.27	10.30	2.17	1.94	0.55
7.75	1.26	1.04	0.27	10.35	2.19	1.97	0.56

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.57	13.00	8.39	8.15	1.22
10.45	2.25	2.02	0.58	13.05	8.43	8.19	1.16
10.50	2.28	2.05	0.59	13.10	8.48	8.24	1.09
10.55	2.31	2.08	0.60	13.15	8.52	8.28	1.03
10.60	2.34	2.11	0.62	13.20	8.56	8.32	0.98
10.65	2.37	2.14	0.64	13.25	8.60	8.36	0.93
10.70	2.41	2.18	0.68	13.30	8.63	8.39	0.90
10.75	2.44	2.21	0.71	13.35	8.67	8.43	0.86
10.80	2.48	2.25	0.74	13.40	8.70	8.46	0.82
10.85	2.52	2.29	0.78	13.45	8.73	8.49	0.79
10.90	2.56	2.33	0.81	13.50	8.76	8.52	0.75
10.95	2.61	2.38	0.85	13.55	8.79	8.55	0.72
11.00	2.65	2.42	0.88	13.60	8.82	8.58	0.68
11.05	2.70	2.47	0.92	13.65	8.85	8.61	0.65
11.10	2.75	2.52	0.96	13.70	8.87	8.63	0.63
11.15	2.80	2.57	1.02	13.75	8.90	8.66	0.61
11.20	2.86	2.63	1.08	13.80	8.93	8.69	0.60
11.25	2.92	2.69	1.14	13.85	8.95	8.71	0.59
11.30	2.98	2.75	1.21	13.90	8.98	8.74	0.58
11.35	3.05	2.82	1.27	13.95	9.00	8.76	0.57
11.40	3.12	2.89	1.34	14.00	9.03	8.79	0.56
11.45	3.19	2.96	1.40	14.05	9.05	8.81	0.55
11.50	3.26	3.03	1.46	14.10	9.07	8.83	0.54
11.55	3.37	3.14	1.54	14.15	9.10	8.86	0.53
11.60	3.49	3.25	1.75	14.20	9.12	8.88	0.52
11.65	3.60	3.37	2.04	14.25	9.14	8.90	0.51
11.70	3.72	3.49	2.27	14.30	9.16	8.92	0.50
11.75	3.88	3.65	2.45	14.35	9.19	8.95	0.49
11.80	4.04	3.81	2.72	14.40	9.21	8.97	0.48
11.85	4.27	4.03	3.10	14.45	9.23	8.99	0.48
11.90	4.49	4.25	3.61	14.50	9.25	9.01	0.47
11.95	4.88	4.64	4.29	14.55	9.27	9.03	0.46
12.00	5.26	5.02	5.38	14.60	9.29	9.05	0.45
12.05	5.91	5.67	6.85	14.65	9.31	9.07	0.44
12.10	6.55	6.31	8.89	14.70	9.32	9.08	0.43
12.15	6.77	6.53	10.82	14.75	9.34	9.10	0.42
12.20	7.00	6.76	10.51	14.80	9.36	9.12	0.41
12.25	7.16	6.92	8.33	14.85	9.38	9.14	0.40
12.30	7.32	7.08	6.27	14.90	9.40	9.15	0.39
12.35	7.44	7.20	4.92	14.95	9.41	9.17	0.38
12.40	7.55	7.31	3.99	15.00	9.43	9.19	0.38
12.45	7.67	7.43	3.33	15.05	9.44	9.20	0.37
12.50	7.78	7.54	2.91	15.10	9.46	9.22	0.36
12.55	7.85	7.61	2.64	15.15	9.47	9.23	0.35
12.60	7.92	7.68	2.34	15.20	9.49	9.25	0.34
12.65	7.99	7.75	2.01	15.25	9.50	9.26	0.34
12.70	8.06	7.82	1.76	15.30	9.52	9.28	0.33
12.75	8.12	7.88	1.62	15.35	9.53	9.29	0.33
12.80	8.18	7.94	1.51	15.40	9.55	9.31	0.33
12.85	8.24	8.00	1.43	15.45	9.56	9.32	0.33
12.90	8.29	8.05	1.36	15.50	9.58	9.34	0.32
12.95	8.34	8.10	1.29	15.55	9.59	9.35	0.32

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.32	18.20	10.20	9.96	0.20
15.65	9.62	9.38	0.32	18.25	10.21	9.97	0.19
15.70	9.64	9.39	0.32	18.30	10.22	9.98	0.19
15.75	9.65	9.41	0.31	18.35	10.23	9.99	0.19
15.80	9.66	9.42	0.31	18.40	10.24	9.99	0.19
15.85	9.68	9.44	0.31	18.45	10.24	10.00	0.19
15.90	9.69	9.45	0.31	18.50	10.25	10.01	0.19
15.95	9.70	9.46	0.30	18.55	10.26	10.02	0.19
16.00	9.72	9.48	0.30	18.60	10.27	10.03	0.19
16.05	9.73	9.49	0.30	18.65	10.28	10.04	0.19
16.10	9.74	9.50	0.30	18.70	10.29	10.05	0.19
16.15	9.76	9.52	0.29	18.75	10.30	10.05	0.19
16.20	9.77	9.53	0.29	18.80	10.30	10.06	0.19
16.25	9.78	9.54	0.29	18.85	10.31	10.07	0.19
16.30	9.80	9.55	0.29	18.90	10.32	10.08	0.19
16.35	9.81	9.57	0.28	18.95	10.33	10.09	0.19
16.40	9.82	9.58	0.28	19.00	10.34	10.10	0.18
16.45	9.83	9.59	0.28	19.05	10.35	10.11	0.18
16.50	9.85	9.60	0.28	19.10	10.35	10.11	0.18
16.55	9.86	9.62	0.27	19.15	10.36	10.12	0.18
16.60	9.87	9.63	0.27	19.20	10.37	10.13	0.18
16.65	9.88	9.64	0.27	19.25	10.38	10.14	0.18
16.70	9.89	9.65	0.27	19.30	10.39	10.15	0.18
16.75	9.91	9.66	0.26	19.35	10.40	10.15	0.18
16.80	9.92	9.68	0.26	19.40	10.40	10.16	0.18
16.85	9.93	9.69	0.26	19.45	10.41	10.17	0.18
16.90	9.94	9.70	0.26	19.50	10.42	10.18	0.18
16.95	9.95	9.71	0.25	19.55	10.43	10.19	0.18
17.00	9.96	9.72	0.25	19.60	10.44	10.20	0.18
17.05	9.97	9.73	0.25	19.65	10.44	10.20	0.18
17.10	9.99	9.74	0.25	19.70	10.45	10.21	0.18
17.15	10.00	9.76	0.25	19.75	10.46	10.22	0.18
17.20	10.01	9.77	0.24	19.80	10.47	10.23	0.18
17.25	10.02	9.78	0.24	19.85	10.48	10.24	0.18
17.30	10.03	9.79	0.24	19.90	10.48	10.24	0.17
17.35	10.04	9.80	0.24	19.95	10.49	10.25	0.17
17.40	10.05	9.81	0.23	20.00	10.50	10.26	0.17
17.45	10.06	9.82	0.23	20.05	10.51	10.27	0.17
17.50	10.07	9.83	0.23	20.10	10.52	10.27	0.17
17.55	10.08	9.84	0.23	20.15	10.52	10.28	0.17
17.60	10.09	9.85	0.22	20.20	10.53	10.29	0.17
17.65	10.10	9.86	0.22	20.25	10.54	10.30	0.17
17.70	10.11	9.87	0.22	20.30	10.55	10.31	0.17
17.75	10.12	9.88	0.22	20.35	10.55	10.31	0.17
17.80	10.13	9.89	0.21	20.40	10.56	10.32	0.17
17.85	10.14	9.90	0.21	20.45	10.57	10.33	0.17
17.90	10.15	9.91	0.21	20.50	10.58	10.34	0.17
17.95	10.16	9.92	0.21	20.55	10.58	10.34	0.17
18.00	10.17	9.92	0.20	20.60	10.59	10.35	0.17
18.05	10.17	9.93	0.20	20.65	10.60	10.36	0.17
18.10	10.18	9.94	0.20	20.70	10.61	10.37	0.17
18.15	10.19	9.95	0.20	20.75	10.61	10.37	0.16

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.16	23.40	10.97	10.73	0.13
20.85	10.63	10.39	0.16	23.45	10.97	10.73	0.13
20.90	10.64	10.39	0.16	23.50	10.98	10.74	0.13
20.95	10.64	10.40	0.16	23.55	10.99	10.74	0.13
21.00	10.65	10.41	0.16	23.60	10.99	10.75	0.13
21.05	10.66	10.42	0.16	23.65	11.00	10.76	0.13
21.10	10.66	10.42	0.16	23.70	11.00	10.76	0.13
21.15	10.67	10.43	0.16	23.75	11.01	10.77	0.13
21.20	10.68	10.44	0.16	23.80	11.01	10.77	0.13
21.25	10.69	10.45	0.16	23.85	11.02	10.78	0.13
21.30	10.69	10.45	0.16	23.90	11.03	10.78	0.13
21.35	10.70	10.46	0.16	23.95	11.03	10.79	0.13
21.40	10.71	10.47	0.16	24.00	11.04	10.80	0.13
21.45	10.71	10.47	0.16	24.05	11.04	10.80	0.14
21.50	10.72	10.48	0.15	24.10	11.04	10.80	0.11
21.55	10.73	10.49	0.15	24.15	11.04	10.80	0.07
21.60	10.74	10.49	0.15	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.15	24.25	11.04	10.80	0.02
21.70	10.75	10.51	0.15	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.15	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.15	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.15	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.15	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.15	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.15	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.15	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.15	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.15	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.15	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.15	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.15	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.14	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.14	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.14	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.14	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.14	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.14	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.14	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.14	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.14	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.14	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.14	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.14	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.14	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.14	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.14	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.14	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.14	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.13	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.13	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.13	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.13	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 12I: PDA-12 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 12P: PDA-12 (pervious)

Runoff = 11.19 cfs @ 12.17 hrs, Volume= 0.862 af, Depth= 7.72"
 Routed to Pond B-12 : Basin #12

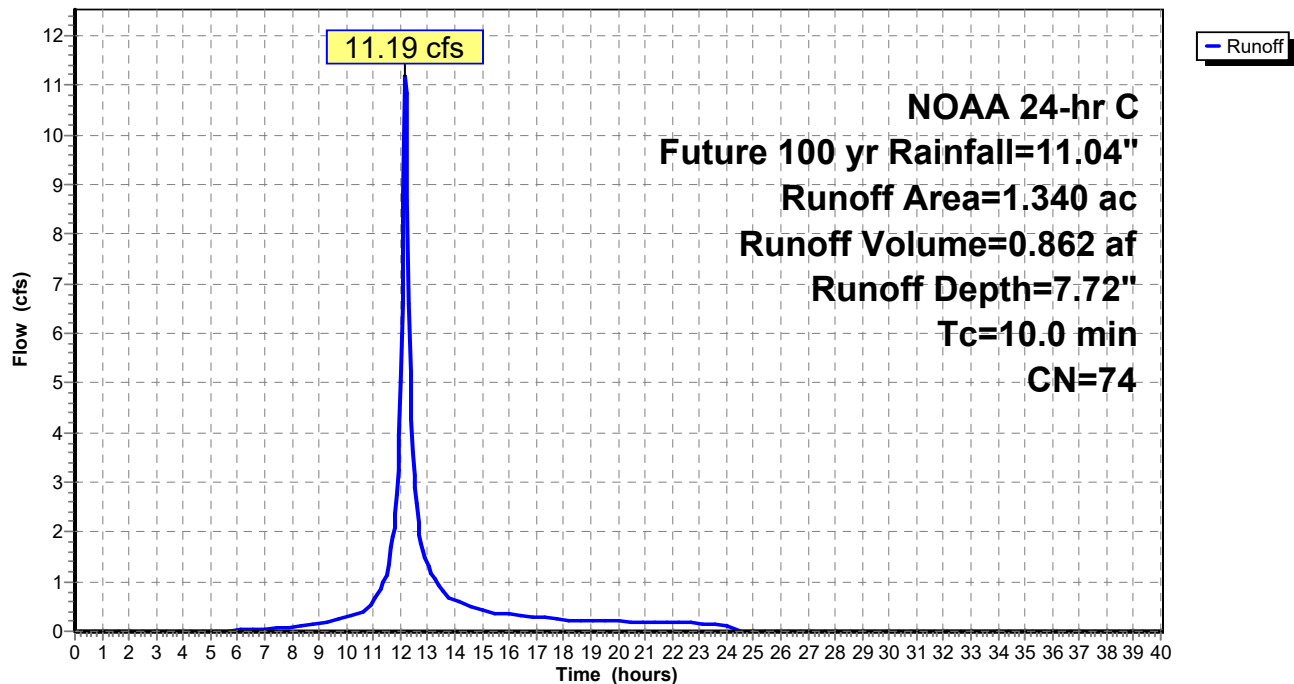
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.340	74	>75% Grass cover, Good, HSG C
1.340		100.00% Pervious Area

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

Subcatchment 12P: PDA-12 (pervious)

Hydrograph



Hydrograph for Subcatchment 12P: PDA-12 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.08
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.09
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.09
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.10
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.10
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.11
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.11
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.12
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.12
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.13
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.13
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.14
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.14
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.15
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.15
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.15
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.16
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.16
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.17
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.18
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.18
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.19
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.20
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.20
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.21
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.22
7.05	1.09	0.04	0.05	9.65	1.85	0.28	0.23
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.23
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.24
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.25
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.26
7.30	1.15	0.05	0.06	9.90	1.97	0.33	0.26
7.35	1.16	0.05	0.06	9.95	1.99	0.34	0.27
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.28
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.29
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.30
7.55	1.21	0.06	0.07	10.15	2.09	0.39	0.31
7.60	1.22	0.07	0.07	10.20	2.11	0.40	0.31
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.32
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.33
7.75	1.26	0.08	0.08	10.35	2.19	0.44	0.34

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.35	13.00	8.39	5.28	1.36
10.45	2.25	0.47	0.36	13.05	8.43	5.32	1.29
10.50	2.28	0.49	0.37	13.10	8.48	5.36	1.22
10.55	2.31	0.50	0.38	13.15	8.52	5.39	1.15
10.60	2.34	0.52	0.40	13.20	8.56	5.43	1.09
10.65	2.37	0.54	0.42	13.25	8.60	5.46	1.04
10.70	2.41	0.56	0.44	13.30	8.63	5.50	1.00
10.75	2.44	0.58	0.47	13.35	8.67	5.53	0.96
10.80	2.48	0.60	0.50	13.40	8.70	5.56	0.92
10.85	2.52	0.62	0.53	13.45	8.73	5.59	0.88
10.90	2.56	0.64	0.56	13.50	8.76	5.61	0.84
10.95	2.61	0.67	0.59	13.55	8.79	5.64	0.80
11.00	2.65	0.69	0.62	13.60	8.82	5.67	0.77
11.05	2.70	0.72	0.65	13.65	8.85	5.69	0.73
11.10	2.75	0.75	0.69	13.70	8.87	5.71	0.70
11.15	2.80	0.79	0.74	13.75	8.90	5.74	0.68
11.20	2.86	0.82	0.80	13.80	8.93	5.76	0.67
11.25	2.92	0.86	0.85	13.85	8.95	5.79	0.66
11.30	2.98	0.90	0.91	13.90	8.98	5.81	0.65
11.35	3.05	0.94	0.97	13.95	9.00	5.83	0.64
11.40	3.12	0.98	1.03	14.00	9.03	5.85	0.63
11.45	3.19	1.03	1.10	14.05	9.05	5.88	0.62
11.50	3.26	1.08	1.16	14.10	9.07	5.90	0.61
11.55	3.37	1.15	1.24	14.15	9.10	5.92	0.60
11.60	3.49	1.23	1.42	14.20	9.12	5.94	0.59
11.65	3.60	1.31	1.69	14.25	9.14	5.96	0.58
11.70	3.72	1.39	1.91	14.30	9.16	5.98	0.57
11.75	3.88	1.51	2.09	14.35	9.19	6.00	0.56
11.80	4.04	1.63	2.36	14.40	9.21	6.02	0.55
11.85	4.27	1.79	2.74	14.45	9.23	6.04	0.54
11.90	4.49	1.96	3.25	14.50	9.25	6.06	0.53
11.95	4.88	2.27	3.94	14.55	9.27	6.07	0.52
12.00	5.26	2.57	5.05	14.60	9.29	6.09	0.51
12.05	5.91	3.11	6.59	14.65	9.31	6.11	0.50
12.10	6.55	3.65	8.80	14.70	9.32	6.13	0.49
12.15	6.77	3.85	10.96	14.75	9.34	6.14	0.48
12.20	7.00	4.04	10.83	14.80	9.36	6.16	0.47
12.25	7.16	4.18	8.69	14.85	9.38	6.17	0.46
12.30	7.32	4.32	6.61	14.90	9.40	6.19	0.45
12.35	7.44	4.43	5.24	14.95	9.41	6.21	0.44
12.40	7.55	4.53	4.28	15.00	9.43	6.22	0.43
12.45	7.67	4.63	3.59	15.05	9.44	6.23	0.42
12.50	7.78	4.73	3.15	15.10	9.46	6.25	0.41
12.55	7.85	4.79	2.88	15.15	9.47	6.26	0.40
12.60	7.92	4.86	2.56	15.20	9.49	6.28	0.39
12.65	7.99	4.92	2.20	15.25	9.50	6.29	0.38
12.70	8.06	4.98	1.94	15.30	9.52	6.30	0.38
12.75	8.12	5.03	1.78	15.35	9.53	6.32	0.38
12.80	8.18	5.09	1.67	15.40	9.55	6.33	0.37
12.85	8.24	5.14	1.58	15.45	9.56	6.34	0.37
12.90	8.29	5.19	1.50	15.50	9.58	6.36	0.37
12.95	8.34	5.23	1.43	15.55	9.59	6.37	0.37

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.36	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.36	18.25	10.21	6.94	0.22
15.70	9.64	6.41	0.36	18.30	10.22	6.95	0.22
15.75	9.65	6.42	0.35	18.35	10.23	6.96	0.22
15.80	9.66	6.44	0.35	18.40	10.24	6.97	0.22
15.85	9.68	6.45	0.35	18.45	10.24	6.97	0.22
15.90	9.69	6.46	0.35	18.50	10.25	6.98	0.22
15.95	9.70	6.47	0.34	18.55	10.26	6.99	0.22
16.00	9.72	6.49	0.34	18.60	10.27	7.00	0.22
16.05	9.73	6.50	0.34	18.65	10.28	7.01	0.22
16.10	9.74	6.51	0.34	18.70	10.29	7.01	0.22
16.15	9.76	6.52	0.33	18.75	10.30	7.02	0.22
16.20	9.77	6.54	0.33	18.80	10.30	7.03	0.21
16.25	9.78	6.55	0.33	18.85	10.31	7.04	0.21
16.30	9.80	6.56	0.33	18.90	10.32	7.04	0.21
16.35	9.81	6.57	0.32	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.32	19.00	10.34	7.06	0.21
16.45	9.83	6.59	0.32	19.05	10.35	7.07	0.21
16.50	9.85	6.60	0.31	19.10	10.35	7.08	0.21
16.55	9.86	6.62	0.31	19.15	10.36	7.08	0.21
16.60	9.87	6.63	0.31	19.20	10.37	7.09	0.21
16.65	9.88	6.64	0.31	19.25	10.38	7.10	0.21
16.70	9.89	6.65	0.30	19.30	10.39	7.11	0.21
16.75	9.91	6.66	0.30	19.35	10.40	7.11	0.21
16.80	9.92	6.67	0.30	19.40	10.40	7.12	0.21
16.85	9.93	6.68	0.30	19.45	10.41	7.13	0.21
16.90	9.94	6.69	0.29	19.50	10.42	7.14	0.21
16.95	9.95	6.70	0.29	19.55	10.43	7.14	0.20
17.00	9.96	6.71	0.29	19.60	10.44	7.15	0.20
17.05	9.97	6.72	0.29	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.28	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.28	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.28	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.27	19.85	10.48	7.19	0.20
17.30	10.03	6.77	0.27	19.90	10.48	7.20	0.20
17.35	10.04	6.78	0.27	19.95	10.49	7.20	0.20
17.40	10.05	6.79	0.27	20.00	10.50	7.21	0.20
17.45	10.06	6.80	0.26	20.05	10.51	7.22	0.20
17.50	10.07	6.81	0.26	20.10	10.52	7.23	0.20
17.55	10.08	6.82	0.26	20.15	10.52	7.23	0.20
17.60	10.09	6.83	0.26	20.20	10.53	7.24	0.20
17.65	10.10	6.84	0.25	20.25	10.54	7.25	0.20
17.70	10.11	6.85	0.25	20.30	10.55	7.25	0.19
17.75	10.12	6.86	0.25	20.35	10.55	7.26	0.19
17.80	10.13	6.87	0.24	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.24	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.24	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.24	20.55	10.58	7.29	0.19
18.00	10.17	6.90	0.23	20.60	10.59	7.30	0.19
18.05	10.17	6.91	0.23	20.65	10.60	7.30	0.19
18.10	10.18	6.92	0.23	20.70	10.61	7.31	0.19
18.15	10.19	6.92	0.23	20.75	10.61	7.32	0.19

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.19	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.19	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.19	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.19	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.18	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.18	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.15
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.15
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.15
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.15
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.15
21.40	10.71	7.40	0.18	24.00	11.04	7.72	0.15
21.45	10.71	7.41	0.18	24.05	11.04	7.72	0.16
21.50	10.72	7.42	0.18	24.10	11.04	7.72	0.13
21.55	10.73	7.42	0.18	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.18	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.18	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.18	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.17	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.17	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.17	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.17	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.17	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.17	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.17	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.17	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.17	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.16	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.16	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.16	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.16	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.16	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.16	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.16	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.16	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.16	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.15	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 12P: PDA-12 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 13I: PDA-13 (impervious)

Runoff = 14.81 cfs @ 12.17 hrs, Volume= 1.320 af, Depth=10.80"
 Routed to Pond B-13 : Basin #13

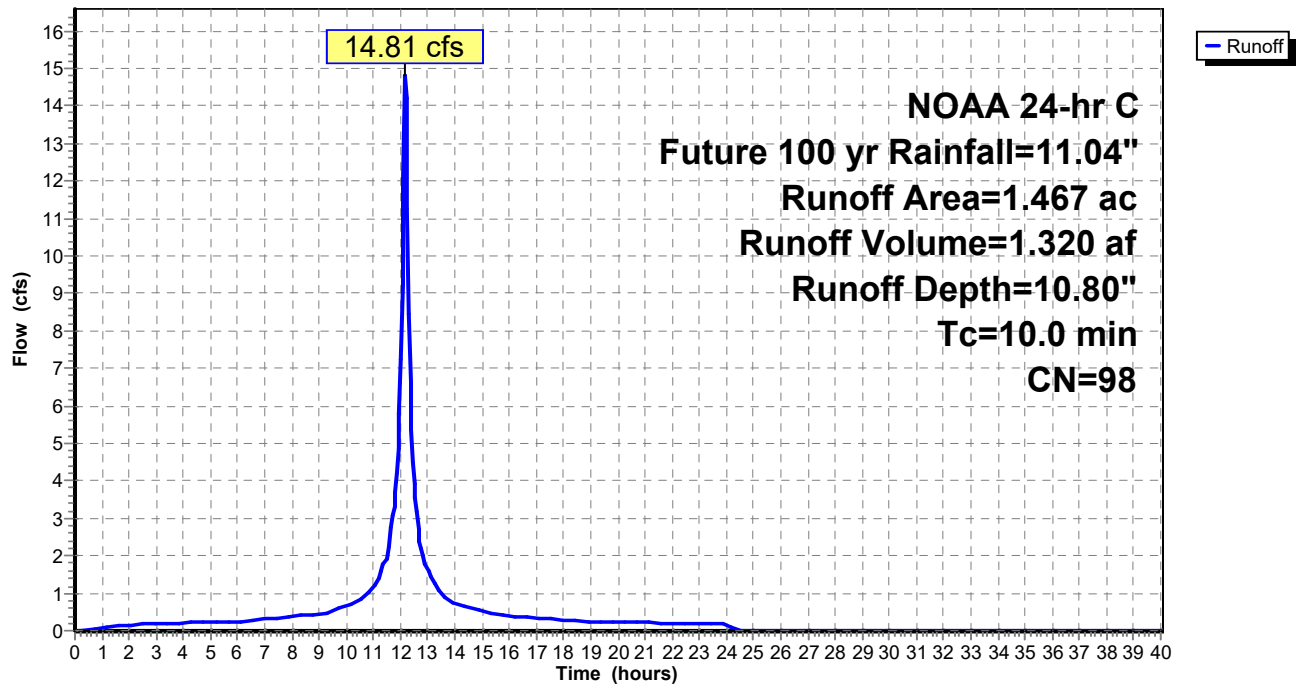
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.678	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.082	98	Concrete, HSG C
1.467	98	Weighted Average
1.467		100.00% Impervious Area

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

Subcatchment 13I: PDA-13 (impervious)

Hydrograph



Hydrograph for Subcatchment 13I: PDA-13 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.17
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.17
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.17
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.17
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.17
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.18
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.18
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.18
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.18
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.18
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.18
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.19
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.19
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.19
0.70	0.08	0.01	0.04	3.30	0.43	0.26	0.19
0.75	0.09	0.01	0.04	3.35	0.44	0.27	0.19
0.80	0.10	0.01	0.05	3.40	0.45	0.27	0.19
0.85	0.10	0.01	0.06	3.45	0.46	0.28	0.19
0.90	0.11	0.02	0.06	3.50	0.46	0.29	0.20
0.95	0.11	0.02	0.07	3.55	0.47	0.29	0.20
1.00	0.12	0.02	0.07	3.60	0.48	0.30	0.20
1.05	0.13	0.03	0.08	3.65	0.49	0.31	0.20
1.10	0.13	0.03	0.08	3.70	0.49	0.31	0.20
1.15	0.14	0.03	0.09	3.75	0.50	0.32	0.20
1.20	0.15	0.04	0.09	3.80	0.51	0.33	0.20
1.25	0.15	0.04	0.10	3.85	0.52	0.33	0.20
1.30	0.16	0.04	0.10	3.90	0.52	0.34	0.21
1.35	0.16	0.05	0.10	3.95	0.53	0.35	0.21
1.40	0.17	0.05	0.11	4.00	0.54	0.35	0.21
1.45	0.18	0.05	0.11	4.05	0.55	0.36	0.21
1.50	0.18	0.06	0.11	4.10	0.56	0.37	0.21
1.55	0.19	0.06	0.12	4.15	0.56	0.38	0.21
1.60	0.20	0.07	0.12	4.20	0.57	0.38	0.21
1.65	0.20	0.07	0.12	4.25	0.58	0.39	0.21
1.70	0.21	0.08	0.13	4.30	0.59	0.40	0.22
1.75	0.22	0.08	0.13	4.35	0.60	0.41	0.22
1.80	0.22	0.09	0.13	4.40	0.60	0.41	0.22
1.85	0.23	0.09	0.14	4.45	0.61	0.42	0.22
1.90	0.24	0.10	0.14	4.50	0.62	0.43	0.22
1.95	0.24	0.10	0.14	4.55	0.63	0.44	0.22
2.00	0.25	0.11	0.14	4.60	0.64	0.44	0.22
2.05	0.26	0.11	0.15	4.65	0.64	0.45	0.22
2.10	0.26	0.12	0.15	4.70	0.65	0.46	0.22
2.15	0.27	0.12	0.15	4.75	0.66	0.47	0.23
2.20	0.28	0.13	0.15	4.80	0.67	0.47	0.23
2.25	0.28	0.13	0.15	4.85	0.68	0.48	0.23
2.30	0.29	0.14	0.16	4.90	0.69	0.49	0.23
2.35	0.30	0.14	0.16	4.95	0.69	0.50	0.23
2.40	0.30	0.15	0.16	5.00	0.70	0.51	0.23
2.45	0.31	0.15	0.16	5.05	0.71	0.51	0.23
2.50	0.32	0.16	0.16	5.10	0.72	0.52	0.23
2.55	0.33	0.17	0.17	5.15	0.73	0.53	0.23

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.23	7.80	1.27	1.05	0.37
5.25	0.74	0.55	0.24	7.85	1.28	1.07	0.37
5.30	0.75	0.55	0.24	7.90	1.30	1.08	0.37
5.35	0.76	0.56	0.24	7.95	1.31	1.09	0.38
5.40	0.77	0.57	0.24	8.00	1.32	1.11	0.38
5.45	0.78	0.58	0.24	8.05	1.34	1.12	0.38
5.50	0.79	0.59	0.24	8.10	1.35	1.13	0.39
5.55	0.80	0.59	0.24	8.15	1.36	1.15	0.39
5.60	0.80	0.60	0.24	8.20	1.38	1.16	0.39
5.65	0.81	0.61	0.24	8.25	1.39	1.17	0.40
5.70	0.82	0.62	0.24	8.30	1.40	1.19	0.40
5.75	0.83	0.63	0.25	8.35	1.42	1.20	0.40
5.80	0.84	0.64	0.25	8.40	1.43	1.21	0.40
5.85	0.85	0.64	0.25	8.45	1.45	1.23	0.41
5.90	0.86	0.65	0.25	8.50	1.46	1.24	0.41
5.95	0.87	0.66	0.25	8.55	1.48	1.26	0.42
6.00	0.87	0.67	0.25	8.60	1.49	1.27	0.42
6.05	0.88	0.68	0.25	8.65	1.51	1.29	0.42
6.10	0.89	0.69	0.25	8.70	1.52	1.30	0.42
6.15	0.90	0.70	0.26	8.75	1.54	1.32	0.43
6.20	0.91	0.71	0.26	8.80	1.55	1.33	0.43
6.25	0.92	0.71	0.26	8.85	1.57	1.35	0.43
6.30	0.93	0.72	0.27	8.90	1.58	1.36	0.44
6.35	0.94	0.73	0.27	8.95	1.60	1.38	0.44
6.40	0.95	0.74	0.27	9.00	1.61	1.39	0.44
6.45	0.96	0.75	0.28	9.05	1.63	1.41	0.45
6.50	0.97	0.76	0.28	9.10	1.64	1.42	0.46
6.55	0.98	0.77	0.28	9.15	1.66	1.44	0.47
6.60	0.99	0.78	0.29	9.20	1.68	1.46	0.48
6.65	1.00	0.79	0.29	9.25	1.70	1.47	0.49
6.70	1.01	0.80	0.29	9.30	1.72	1.49	0.50
6.75	1.02	0.81	0.30	9.35	1.73	1.51	0.51
6.80	1.03	0.82	0.30	9.40	1.75	1.53	0.52
6.85	1.04	0.83	0.30	9.45	1.77	1.55	0.54
6.90	1.05	0.84	0.30	9.50	1.79	1.57	0.55
6.95	1.07	0.85	0.31	9.55	1.81	1.59	0.56
7.00	1.08	0.87	0.31	9.60	1.83	1.61	0.57
7.05	1.09	0.88	0.32	9.65	1.85	1.63	0.59
7.10	1.10	0.89	0.32	9.70	1.88	1.65	0.60
7.15	1.11	0.90	0.32	9.75	1.90	1.67	0.61
7.20	1.12	0.91	0.33	9.80	1.92	1.69	0.62
7.25	1.13	0.92	0.33	9.85	1.94	1.72	0.63
7.30	1.15	0.93	0.33	9.90	1.97	1.74	0.65
7.35	1.16	0.94	0.33	9.95	1.99	1.76	0.66
7.40	1.17	0.96	0.34	10.00	2.01	1.79	0.67
7.45	1.18	0.97	0.34	10.05	2.04	1.81	0.68
7.50	1.19	0.98	0.35	10.10	2.06	1.84	0.70
7.55	1.21	0.99	0.35	10.15	2.09	1.86	0.71
7.60	1.22	1.00	0.35	10.20	2.11	1.89	0.72
7.65	1.23	1.02	0.35	10.25	2.14	1.91	0.73
7.70	1.24	1.03	0.36	10.30	2.17	1.94	0.74
7.75	1.26	1.04	0.36	10.35	2.19	1.97	0.76

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.77	13.00	8.39	8.15	1.65
10.45	2.25	2.02	0.78	13.05	8.43	8.19	1.57
10.50	2.28	2.05	0.79	13.10	8.48	8.24	1.48
10.55	2.31	2.08	0.81	13.15	8.52	8.28	1.39
10.60	2.34	2.11	0.84	13.20	8.56	8.32	1.32
10.65	2.37	2.14	0.87	13.25	8.60	8.36	1.26
10.70	2.41	2.18	0.91	13.30	8.63	8.39	1.21
10.75	2.44	2.21	0.96	13.35	8.67	8.43	1.16
10.80	2.48	2.25	1.00	13.40	8.70	8.46	1.11
10.85	2.52	2.29	1.05	13.45	8.73	8.49	1.06
10.90	2.56	2.33	1.10	13.50	8.76	8.52	1.02
10.95	2.61	2.38	1.14	13.55	8.79	8.55	0.97
11.00	2.65	2.42	1.19	13.60	8.82	8.58	0.92
11.05	2.70	2.47	1.24	13.65	8.85	8.61	0.88
11.10	2.75	2.52	1.30	13.70	8.87	8.63	0.85
11.15	2.80	2.57	1.38	13.75	8.90	8.66	0.82
11.20	2.86	2.63	1.46	13.80	8.93	8.69	0.81
11.25	2.92	2.69	1.54	13.85	8.95	8.71	0.79
11.30	2.98	2.75	1.63	13.90	8.98	8.74	0.78
11.35	3.05	2.82	1.72	13.95	9.00	8.76	0.77
11.40	3.12	2.89	1.81	14.00	9.03	8.79	0.75
11.45	3.19	2.96	1.89	14.05	9.05	8.81	0.74
11.50	3.26	3.03	1.97	14.10	9.07	8.83	0.73
11.55	3.37	3.14	2.08	14.15	9.10	8.86	0.72
11.60	3.49	3.25	2.36	14.20	9.12	8.88	0.70
11.65	3.60	3.37	2.75	14.25	9.14	8.90	0.69
11.70	3.72	3.49	3.07	14.30	9.16	8.92	0.68
11.75	3.88	3.65	3.31	14.35	9.19	8.95	0.67
11.80	4.04	3.81	3.67	14.40	9.21	8.97	0.65
11.85	4.27	4.03	4.18	14.45	9.23	8.99	0.64
11.90	4.49	4.25	4.88	14.50	9.25	9.01	0.63
11.95	4.88	4.64	5.80	14.55	9.27	9.03	0.62
12.00	5.26	5.02	7.27	14.60	9.29	9.05	0.61
12.05	5.91	5.67	9.25	14.65	9.31	9.07	0.59
12.10	6.55	6.31	12.02	14.70	9.32	9.08	0.58
12.15	6.77	6.53	14.62	14.75	9.34	9.10	0.57
12.20	7.00	6.76	14.20	14.80	9.36	9.12	0.56
12.25	7.16	6.92	11.25	14.85	9.38	9.14	0.54
12.30	7.32	7.08	8.47	14.90	9.40	9.15	0.53
12.35	7.44	7.20	6.65	14.95	9.41	9.17	0.52
12.40	7.55	7.31	5.39	15.00	9.43	9.19	0.51
12.45	7.67	7.43	4.49	15.05	9.44	9.20	0.50
12.50	7.78	7.54	3.92	15.10	9.46	9.22	0.48
12.55	7.85	7.61	3.57	15.15	9.47	9.23	0.47
12.60	7.92	7.68	3.16	15.20	9.49	9.25	0.46
12.65	7.99	7.75	2.71	15.25	9.50	9.26	0.46
12.70	8.06	7.82	2.38	15.30	9.52	9.28	0.45
12.75	8.12	7.88	2.18	15.35	9.53	9.29	0.45
12.80	8.18	7.94	2.04	15.40	9.55	9.31	0.44
12.85	8.24	8.00	1.94	15.45	9.56	9.32	0.44
12.90	8.29	8.05	1.84	15.50	9.58	9.34	0.44
12.95	8.34	8.10	1.74	15.55	9.59	9.35	0.44

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.43	18.20	10.20	9.96	0.26
15.65	9.62	9.38	0.43	18.25	10.21	9.97	0.26
15.70	9.64	9.39	0.43	18.30	10.22	9.98	0.26
15.75	9.65	9.41	0.42	18.35	10.23	9.99	0.26
15.80	9.66	9.42	0.42	18.40	10.24	9.99	0.26
15.85	9.68	9.44	0.42	18.45	10.24	10.00	0.26
15.90	9.69	9.45	0.41	18.50	10.25	10.01	0.26
15.95	9.70	9.46	0.41	18.55	10.26	10.02	0.26
16.00	9.72	9.48	0.41	18.60	10.27	10.03	0.26
16.05	9.73	9.49	0.40	18.65	10.28	10.04	0.26
16.10	9.74	9.50	0.40	18.70	10.29	10.05	0.25
16.15	9.76	9.52	0.40	18.75	10.30	10.05	0.25
16.20	9.77	9.53	0.39	18.80	10.30	10.06	0.25
16.25	9.78	9.54	0.39	18.85	10.31	10.07	0.25
16.30	9.80	9.55	0.39	18.90	10.32	10.08	0.25
16.35	9.81	9.57	0.38	18.95	10.33	10.09	0.25
16.40	9.82	9.58	0.38	19.00	10.34	10.10	0.25
16.45	9.83	9.59	0.38	19.05	10.35	10.11	0.25
16.50	9.85	9.60	0.37	19.10	10.35	10.11	0.25
16.55	9.86	9.62	0.37	19.15	10.36	10.12	0.25
16.60	9.87	9.63	0.37	19.20	10.37	10.13	0.25
16.65	9.88	9.64	0.36	19.25	10.38	10.14	0.25
16.70	9.89	9.65	0.36	19.30	10.39	10.15	0.24
16.75	9.91	9.66	0.36	19.35	10.40	10.15	0.24
16.80	9.92	9.68	0.35	19.40	10.40	10.16	0.24
16.85	9.93	9.69	0.35	19.45	10.41	10.17	0.24
16.90	9.94	9.70	0.35	19.50	10.42	10.18	0.24
16.95	9.95	9.71	0.34	19.55	10.43	10.19	0.24
17.00	9.96	9.72	0.34	19.60	10.44	10.20	0.24
17.05	9.97	9.73	0.34	19.65	10.44	10.20	0.24
17.10	9.99	9.74	0.33	19.70	10.45	10.21	0.24
17.15	10.00	9.76	0.33	19.75	10.46	10.22	0.24
17.20	10.01	9.77	0.33	19.80	10.47	10.23	0.24
17.25	10.02	9.78	0.33	19.85	10.48	10.24	0.24
17.30	10.03	9.79	0.32	19.90	10.48	10.24	0.24
17.35	10.04	9.80	0.32	19.95	10.49	10.25	0.23
17.40	10.05	9.81	0.31	20.00	10.50	10.26	0.23
17.45	10.06	9.82	0.31	20.05	10.51	10.27	0.23
17.50	10.07	9.83	0.31	20.10	10.52	10.27	0.23
17.55	10.08	9.84	0.31	20.15	10.52	10.28	0.23
17.60	10.09	9.85	0.30	20.20	10.53	10.29	0.23
17.65	10.10	9.86	0.30	20.25	10.54	10.30	0.23
17.70	10.11	9.87	0.30	20.30	10.55	10.31	0.23
17.75	10.12	9.88	0.29	20.35	10.55	10.31	0.23
17.80	10.13	9.89	0.29	20.40	10.56	10.32	0.23
17.85	10.14	9.90	0.29	20.45	10.57	10.33	0.23
17.90	10.15	9.91	0.28	20.50	10.58	10.34	0.23
17.95	10.16	9.92	0.28	20.55	10.58	10.34	0.22
18.00	10.17	9.92	0.28	20.60	10.59	10.35	0.22
18.05	10.17	9.93	0.27	20.65	10.60	10.36	0.22
18.10	10.18	9.94	0.27	20.70	10.61	10.37	0.22
18.15	10.19	9.95	0.27	20.75	10.61	10.37	0.22

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.22	23.40	10.97	10.73	0.18
20.85	10.63	10.39	0.22	23.45	10.97	10.73	0.18
20.90	10.64	10.39	0.22	23.50	10.98	10.74	0.18
20.95	10.64	10.40	0.22	23.55	10.99	10.74	0.18
21.00	10.65	10.41	0.22	23.60	10.99	10.75	0.18
21.05	10.66	10.42	0.22	23.65	11.00	10.76	0.17
21.10	10.66	10.42	0.22	23.70	11.00	10.76	0.17
21.15	10.67	10.43	0.21	23.75	11.01	10.77	0.17
21.20	10.68	10.44	0.21	23.80	11.01	10.77	0.17
21.25	10.69	10.45	0.21	23.85	11.02	10.78	0.17
21.30	10.69	10.45	0.21	23.90	11.03	10.78	0.17
21.35	10.70	10.46	0.21	23.95	11.03	10.79	0.17
21.40	10.71	10.47	0.21	24.00	11.04	10.80	0.18
21.45	10.71	10.47	0.21	24.05	11.04	10.80	0.18
21.50	10.72	10.48	0.21	24.10	11.04	10.80	0.15
21.55	10.73	10.49	0.21	24.15	11.04	10.80	0.09
21.60	10.74	10.49	0.21	24.20	11.04	10.80	0.04
21.65	10.74	10.50	0.21	24.25	11.04	10.80	0.02
21.70	10.75	10.51	0.21	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.21	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.20	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.20	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.20	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.20	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.20	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.20	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.20	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.20	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.20	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.20	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.20	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.20	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.19	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.19	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.19	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.19	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.19	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.19	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.19	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.19	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.19	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.19	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.19	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.19	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.18	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.18	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.18	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.18	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.18	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.18	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.18	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.18	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 13I: PDA-13 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 13P: PDA-13 (pervious)

Runoff = 7.37 cfs @ 12.17 hrs, Volume= 0.568 af, Depth= 7.72"
 Routed to Pond B-13 : Basin #13

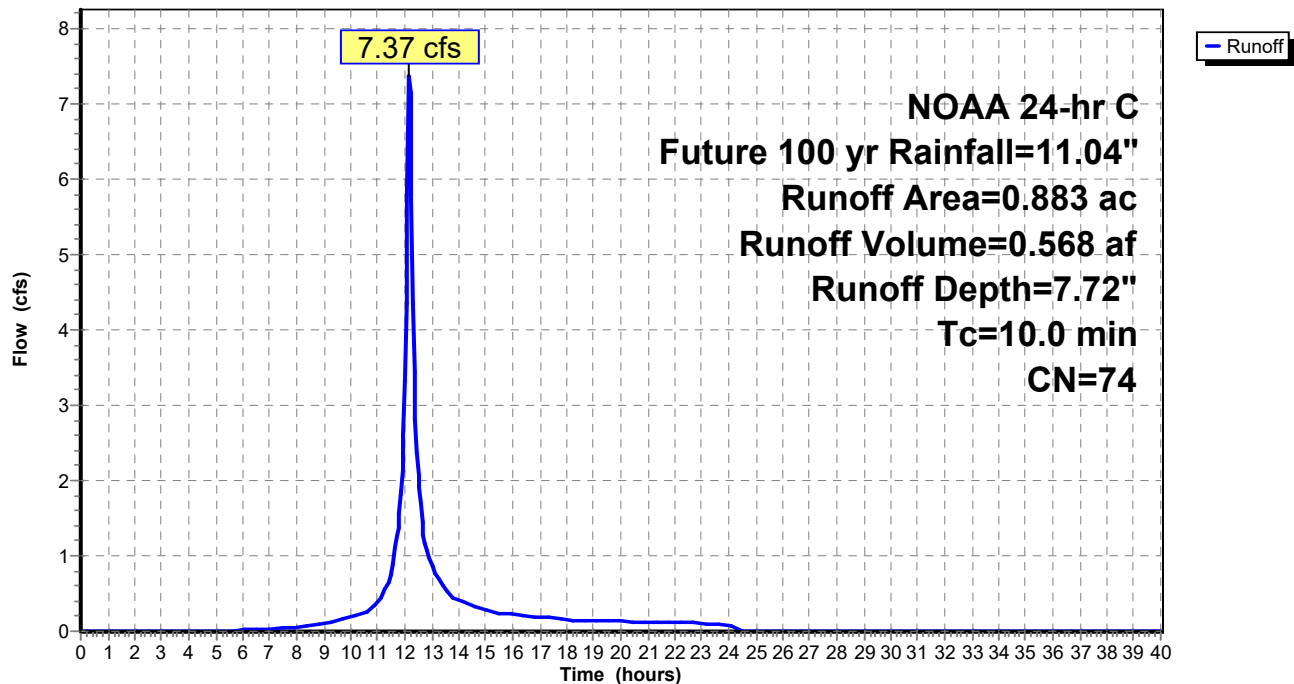
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.883	74	>75% Grass cover, Good, HSG C
0.883		100.00% Pervious Area

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

Subcatchment 13P: PDA-13 (pervious)

Hydrograph



Hydrograph for Subcatchment 13P: PDA-13 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.05
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.06
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.06
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.07
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.07
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.08
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.08
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.09
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.09
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.10
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.10
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.10
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.11
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.12
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.13
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.13
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.14
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.14
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.15
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.15
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.16
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.16
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.17
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.17
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.18
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.18
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.19
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.20
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.20
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.21
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.21
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.22
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.23

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.23	13.00	8.39	5.28	0.89
10.45	2.25	0.47	0.24	13.05	8.43	5.32	0.85
10.50	2.28	0.49	0.24	13.10	8.48	5.36	0.80
10.55	2.31	0.50	0.25	13.15	8.52	5.39	0.76
10.60	2.34	0.52	0.26	13.20	8.56	5.43	0.72
10.65	2.37	0.54	0.28	13.25	8.60	5.46	0.69
10.70	2.41	0.56	0.29	13.30	8.63	5.50	0.66
10.75	2.44	0.58	0.31	13.35	8.67	5.53	0.63
10.80	2.48	0.60	0.33	13.40	8.70	5.56	0.61
10.85	2.52	0.62	0.35	13.45	8.73	5.59	0.58
10.90	2.56	0.64	0.37	13.50	8.76	5.61	0.55
10.95	2.61	0.67	0.39	13.55	8.79	5.64	0.53
11.00	2.65	0.69	0.41	13.60	8.82	5.67	0.50
11.05	2.70	0.72	0.43	13.65	8.85	5.69	0.48
11.10	2.75	0.75	0.46	13.70	8.87	5.71	0.46
11.15	2.80	0.79	0.49	13.75	8.90	5.74	0.45
11.20	2.86	0.82	0.52	13.80	8.93	5.76	0.44
11.25	2.92	0.86	0.56	13.85	8.95	5.79	0.43
11.30	2.98	0.90	0.60	13.90	8.98	5.81	0.43
11.35	3.05	0.94	0.64	13.95	9.00	5.83	0.42
11.40	3.12	0.98	0.68	14.00	9.03	5.85	0.41
11.45	3.19	1.03	0.72	14.05	9.05	5.88	0.41
11.50	3.26	1.08	0.76	14.10	9.07	5.90	0.40
11.55	3.37	1.15	0.82	14.15	9.10	5.92	0.39
11.60	3.49	1.23	0.94	14.20	9.12	5.94	0.39
11.65	3.60	1.31	1.11	14.25	9.14	5.96	0.38
11.70	3.72	1.39	1.26	14.30	9.16	5.98	0.37
11.75	3.88	1.51	1.38	14.35	9.19	6.00	0.37
11.80	4.04	1.63	1.56	14.40	9.21	6.02	0.36
11.85	4.27	1.79	1.80	14.45	9.23	6.04	0.35
11.90	4.49	1.96	2.14	14.50	9.25	6.06	0.35
11.95	4.88	2.27	2.60	14.55	9.27	6.07	0.34
12.00	5.26	2.57	3.33	14.60	9.29	6.09	0.33
12.05	5.91	3.11	4.35	14.65	9.31	6.11	0.33
12.10	6.55	3.65	5.80	14.70	9.32	6.13	0.32
12.15	6.77	3.85	7.22	14.75	9.34	6.14	0.31
12.20	7.00	4.04	7.14	14.80	9.36	6.16	0.31
12.25	7.16	4.18	5.72	14.85	9.38	6.17	0.30
12.30	7.32	4.32	4.36	14.90	9.40	6.19	0.29
12.35	7.44	4.43	3.45	14.95	9.41	6.21	0.29
12.40	7.55	4.53	2.82	15.00	9.43	6.22	0.28
12.45	7.67	4.63	2.37	15.05	9.44	6.23	0.27
12.50	7.78	4.73	2.08	15.10	9.46	6.25	0.27
12.55	7.85	4.79	1.90	15.15	9.47	6.26	0.26
12.60	7.92	4.86	1.69	15.20	9.49	6.28	0.26
12.65	7.99	4.92	1.45	15.25	9.50	6.29	0.25
12.70	8.06	4.98	1.28	15.30	9.52	6.30	0.25
12.75	8.12	5.03	1.17	15.35	9.53	6.32	0.25
12.80	8.18	5.09	1.10	15.40	9.55	6.33	0.25
12.85	8.24	5.14	1.04	15.45	9.56	6.34	0.24
12.90	8.29	5.19	0.99	15.50	9.58	6.36	0.24
12.95	8.34	5.23	0.94	15.55	9.59	6.37	0.24

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.24	18.20	10.20	6.93	0.15
15.65	9.62	6.40	0.24	18.25	10.21	6.94	0.15
15.70	9.64	6.41	0.24	18.30	10.22	6.95	0.15
15.75	9.65	6.42	0.23	18.35	10.23	6.96	0.15
15.80	9.66	6.44	0.23	18.40	10.24	6.97	0.14
15.85	9.68	6.45	0.23	18.45	10.24	6.97	0.14
15.90	9.69	6.46	0.23	18.50	10.25	6.98	0.14
15.95	9.70	6.47	0.23	18.55	10.26	6.99	0.14
16.00	9.72	6.49	0.23	18.60	10.27	7.00	0.14
16.05	9.73	6.50	0.22	18.65	10.28	7.01	0.14
16.10	9.74	6.51	0.22	18.70	10.29	7.01	0.14
16.15	9.76	6.52	0.22	18.75	10.30	7.02	0.14
16.20	9.77	6.54	0.22	18.80	10.30	7.03	0.14
16.25	9.78	6.55	0.22	18.85	10.31	7.04	0.14
16.30	9.80	6.56	0.21	18.90	10.32	7.04	0.14
16.35	9.81	6.57	0.21	18.95	10.33	7.05	0.14
16.40	9.82	6.58	0.21	19.00	10.34	7.06	0.14
16.45	9.83	6.59	0.21	19.05	10.35	7.07	0.14
16.50	9.85	6.60	0.21	19.10	10.35	7.08	0.14
16.55	9.86	6.62	0.21	19.15	10.36	7.08	0.14
16.60	9.87	6.63	0.20	19.20	10.37	7.09	0.14
16.65	9.88	6.64	0.20	19.25	10.38	7.10	0.14
16.70	9.89	6.65	0.20	19.30	10.39	7.11	0.14
16.75	9.91	6.66	0.20	19.35	10.40	7.11	0.14
16.80	9.92	6.67	0.20	19.40	10.40	7.12	0.14
16.85	9.93	6.68	0.19	19.45	10.41	7.13	0.14
16.90	9.94	6.69	0.19	19.50	10.42	7.14	0.14
16.95	9.95	6.70	0.19	19.55	10.43	7.14	0.13
17.00	9.96	6.71	0.19	19.60	10.44	7.15	0.13
17.05	9.97	6.72	0.19	19.65	10.44	7.16	0.13
17.10	9.99	6.73	0.19	19.70	10.45	7.17	0.13
17.15	10.00	6.74	0.18	19.75	10.46	7.17	0.13
17.20	10.01	6.75	0.18	19.80	10.47	7.18	0.13
17.25	10.02	6.76	0.18	19.85	10.48	7.19	0.13
17.30	10.03	6.77	0.18	19.90	10.48	7.20	0.13
17.35	10.04	6.78	0.18	19.95	10.49	7.20	0.13
17.40	10.05	6.79	0.18	20.00	10.50	7.21	0.13
17.45	10.06	6.80	0.17	20.05	10.51	7.22	0.13
17.50	10.07	6.81	0.17	20.10	10.52	7.23	0.13
17.55	10.08	6.82	0.17	20.15	10.52	7.23	0.13
17.60	10.09	6.83	0.17	20.20	10.53	7.24	0.13
17.65	10.10	6.84	0.17	20.25	10.54	7.25	0.13
17.70	10.11	6.85	0.16	20.30	10.55	7.25	0.13
17.75	10.12	6.86	0.16	20.35	10.55	7.26	0.13
17.80	10.13	6.87	0.16	20.40	10.56	7.27	0.13
17.85	10.14	6.87	0.16	20.45	10.57	7.28	0.13
17.90	10.15	6.88	0.16	20.50	10.58	7.28	0.13
17.95	10.16	6.89	0.16	20.55	10.58	7.29	0.13
18.00	10.17	6.90	0.15	20.60	10.59	7.30	0.13
18.05	10.17	6.91	0.15	20.65	10.60	7.30	0.13
18.10	10.18	6.92	0.15	20.70	10.61	7.31	0.13
18.15	10.19	6.92	0.15	20.75	10.61	7.32	0.12

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.12	23.40	10.97	7.65	0.10
20.85	10.63	7.33	0.12	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.12	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.12	23.55	10.99	7.66	0.10
21.00	10.65	7.35	0.12	23.60	10.99	7.67	0.10
21.05	10.66	7.36	0.12	23.65	11.00	7.67	0.10
21.10	10.66	7.36	0.12	23.70	11.00	7.68	0.10
21.15	10.67	7.37	0.12	23.75	11.01	7.69	0.10
21.20	10.68	7.38	0.12	23.80	11.01	7.69	0.10
21.25	10.69	7.38	0.12	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.12	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.12	24.00	11.04	7.72	0.10
21.45	10.71	7.41	0.12	24.05	11.04	7.72	0.10
21.50	10.72	7.42	0.12	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.12	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.12	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.12	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.12	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.12	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.11	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.11	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.11	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.11	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.11	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.11	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.11	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.11	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.11	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.11	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.11	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.11	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.11	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.11	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.11	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.11	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.11	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.11	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.11	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.11	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.10	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.10	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.10	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.10	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.10	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.10	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.10	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.10	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.10	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 13P: PDA-13 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 14I: PDA-14 (impervious)

Runoff = 5.13 cfs @ 12.17 hrs, Volume= 0.457 af, Depth=10.80"
 Routed to Pond B-14 : Basin #14

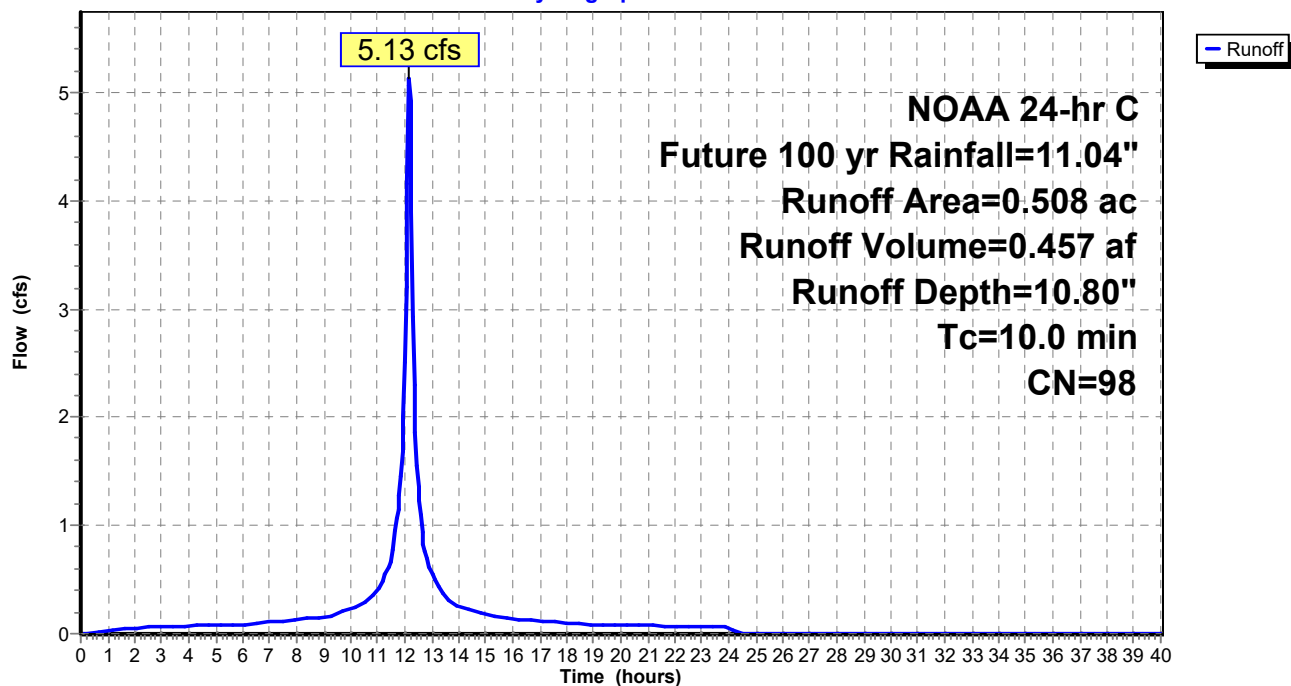
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.308	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.508	98	Weighted Average
0.508		100.00% Impervious Area

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

Subcatchment 14I: PDA-14 (impervious)

Hydrograph



Hydrograph for Subcatchment 14I: PDA-14 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.06
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.06
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.06
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.06
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.06
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.06
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.06
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.06
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.06
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.06
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.06
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.06
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.06
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.07
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.07
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.07
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.07
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.07
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.07
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.07
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.07
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.07
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.07
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.07
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.07
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.07
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.07
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.07
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.07
1.45	0.18	0.05	0.04	4.05	0.55	0.36	0.07
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.07
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.07
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.07
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.07
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.07
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.08
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.08
1.85	0.23	0.09	0.05	4.45	0.61	0.42	0.08
1.90	0.24	0.10	0.05	4.50	0.62	0.43	0.08
1.95	0.24	0.10	0.05	4.55	0.63	0.44	0.08
2.00	0.25	0.11	0.05	4.60	0.64	0.44	0.08
2.05	0.26	0.11	0.05	4.65	0.64	0.45	0.08
2.10	0.26	0.12	0.05	4.70	0.65	0.46	0.08
2.15	0.27	0.12	0.05	4.75	0.66	0.47	0.08
2.20	0.28	0.13	0.05	4.80	0.67	0.47	0.08
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.08
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.08
2.35	0.30	0.14	0.05	4.95	0.69	0.50	0.08
2.40	0.30	0.15	0.06	5.00	0.70	0.51	0.08
2.45	0.31	0.15	0.06	5.05	0.71	0.51	0.08
2.50	0.32	0.16	0.06	5.10	0.72	0.52	0.08
2.55	0.33	0.17	0.06	5.15	0.73	0.53	0.08

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.08	7.80	1.27	1.05	0.13
5.25	0.74	0.55	0.08	7.85	1.28	1.07	0.13
5.30	0.75	0.55	0.08	7.90	1.30	1.08	0.13
5.35	0.76	0.56	0.08	7.95	1.31	1.09	0.13
5.40	0.77	0.57	0.08	8.00	1.32	1.11	0.13
5.45	0.78	0.58	0.08	8.05	1.34	1.12	0.13
5.50	0.79	0.59	0.08	8.10	1.35	1.13	0.13
5.55	0.80	0.59	0.08	8.15	1.36	1.15	0.13
5.60	0.80	0.60	0.08	8.20	1.38	1.16	0.14
5.65	0.81	0.61	0.08	8.25	1.39	1.17	0.14
5.70	0.82	0.62	0.08	8.30	1.40	1.19	0.14
5.75	0.83	0.63	0.09	8.35	1.42	1.20	0.14
5.80	0.84	0.64	0.09	8.40	1.43	1.21	0.14
5.85	0.85	0.64	0.09	8.45	1.45	1.23	0.14
5.90	0.86	0.65	0.09	8.50	1.46	1.24	0.14
5.95	0.87	0.66	0.09	8.55	1.48	1.26	0.14
6.00	0.87	0.67	0.09	8.60	1.49	1.27	0.14
6.05	0.88	0.68	0.09	8.65	1.51	1.29	0.15
6.10	0.89	0.69	0.09	8.70	1.52	1.30	0.15
6.15	0.90	0.70	0.09	8.75	1.54	1.32	0.15
6.20	0.91	0.71	0.09	8.80	1.55	1.33	0.15
6.25	0.92	0.71	0.09	8.85	1.57	1.35	0.15
6.30	0.93	0.72	0.09	8.90	1.58	1.36	0.15
6.35	0.94	0.73	0.09	8.95	1.60	1.38	0.15
6.40	0.95	0.74	0.09	9.00	1.61	1.39	0.15
6.45	0.96	0.75	0.10	9.05	1.63	1.41	0.16
6.50	0.97	0.76	0.10	9.10	1.64	1.42	0.16
6.55	0.98	0.77	0.10	9.15	1.66	1.44	0.16
6.60	0.99	0.78	0.10	9.20	1.68	1.46	0.16
6.65	1.00	0.79	0.10	9.25	1.70	1.47	0.17
6.70	1.01	0.80	0.10	9.30	1.72	1.49	0.17
6.75	1.02	0.81	0.10	9.35	1.73	1.51	0.18
6.80	1.03	0.82	0.10	9.40	1.75	1.53	0.18
6.85	1.04	0.83	0.10	9.45	1.77	1.55	0.19
6.90	1.05	0.84	0.11	9.50	1.79	1.57	0.19
6.95	1.07	0.85	0.11	9.55	1.81	1.59	0.19
7.00	1.08	0.87	0.11	9.60	1.83	1.61	0.20
7.05	1.09	0.88	0.11	9.65	1.85	1.63	0.20
7.10	1.10	0.89	0.11	9.70	1.88	1.65	0.21
7.15	1.11	0.90	0.11	9.75	1.90	1.67	0.21
7.20	1.12	0.91	0.11	9.80	1.92	1.69	0.22
7.25	1.13	0.92	0.11	9.85	1.94	1.72	0.22
7.30	1.15	0.93	0.11	9.90	1.97	1.74	0.22
7.35	1.16	0.94	0.12	9.95	1.99	1.76	0.23
7.40	1.17	0.96	0.12	10.00	2.01	1.79	0.23
7.45	1.18	0.97	0.12	10.05	2.04	1.81	0.24
7.50	1.19	0.98	0.12	10.10	2.06	1.84	0.24
7.55	1.21	0.99	0.12	10.15	2.09	1.86	0.24
7.60	1.22	1.00	0.12	10.20	2.11	1.89	0.25
7.65	1.23	1.02	0.12	10.25	2.14	1.91	0.25
7.70	1.24	1.03	0.12	10.30	2.17	1.94	0.26
7.75	1.26	1.04	0.13	10.35	2.19	1.97	0.26

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.27	13.00	8.39	8.15	0.57
10.45	2.25	2.02	0.27	13.05	8.43	8.19	0.54
10.50	2.28	2.05	0.27	13.10	8.48	8.24	0.51
10.55	2.31	2.08	0.28	13.15	8.52	8.28	0.48
10.60	2.34	2.11	0.29	13.20	8.56	8.32	0.46
10.65	2.37	2.14	0.30	13.25	8.60	8.36	0.44
10.70	2.41	2.18	0.32	13.30	8.63	8.39	0.42
10.75	2.44	2.21	0.33	13.35	8.67	8.43	0.40
10.80	2.48	2.25	0.35	13.40	8.70	8.46	0.38
10.85	2.52	2.29	0.36	13.45	8.73	8.49	0.37
10.90	2.56	2.33	0.38	13.50	8.76	8.52	0.35
10.95	2.61	2.38	0.40	13.55	8.79	8.55	0.34
11.00	2.65	2.42	0.41	13.60	8.82	8.58	0.32
11.05	2.70	2.47	0.43	13.65	8.85	8.61	0.30
11.10	2.75	2.52	0.45	13.70	8.87	8.63	0.29
11.15	2.80	2.57	0.48	13.75	8.90	8.66	0.28
11.20	2.86	2.63	0.51	13.80	8.93	8.69	0.28
11.25	2.92	2.69	0.53	13.85	8.95	8.71	0.27
11.30	2.98	2.75	0.56	13.90	8.98	8.74	0.27
11.35	3.05	2.82	0.59	13.95	9.00	8.76	0.27
11.40	3.12	2.89	0.63	14.00	9.03	8.79	0.26
11.45	3.19	2.96	0.65	14.05	9.05	8.81	0.26
11.50	3.26	3.03	0.68	14.10	9.07	8.83	0.25
11.55	3.37	3.14	0.72	14.15	9.10	8.86	0.25
11.60	3.49	3.25	0.82	14.20	9.12	8.88	0.24
11.65	3.60	3.37	0.95	14.25	9.14	8.90	0.24
11.70	3.72	3.49	1.06	14.30	9.16	8.92	0.24
11.75	3.88	3.65	1.15	14.35	9.19	8.95	0.23
11.80	4.04	3.81	1.27	14.40	9.21	8.97	0.23
11.85	4.27	4.03	1.45	14.45	9.23	8.99	0.22
11.90	4.49	4.25	1.69	14.50	9.25	9.01	0.22
11.95	4.88	4.64	2.01	14.55	9.27	9.03	0.21
12.00	5.26	5.02	2.52	14.60	9.29	9.05	0.21
12.05	5.91	5.67	3.20	14.65	9.31	9.07	0.21
12.10	6.55	6.31	4.16	14.70	9.32	9.08	0.20
12.15	6.77	6.53	5.06	14.75	9.34	9.10	0.20
12.20	7.00	6.76	4.92	14.80	9.36	9.12	0.19
12.25	7.16	6.92	3.90	14.85	9.38	9.14	0.19
12.30	7.32	7.08	2.93	14.90	9.40	9.15	0.18
12.35	7.44	7.20	2.30	14.95	9.41	9.17	0.18
12.40	7.55	7.31	1.86	15.00	9.43	9.19	0.18
12.45	7.67	7.43	1.56	15.05	9.44	9.20	0.17
12.50	7.78	7.54	1.36	15.10	9.46	9.22	0.17
12.55	7.85	7.61	1.23	15.15	9.47	9.23	0.16
12.60	7.92	7.68	1.09	15.20	9.49	9.25	0.16
12.65	7.99	7.75	0.94	15.25	9.50	9.26	0.16
12.70	8.06	7.82	0.82	15.30	9.52	9.28	0.16
12.75	8.12	7.88	0.76	15.35	9.53	9.29	0.16
12.80	8.18	7.94	0.71	15.40	9.55	9.31	0.15
12.85	8.24	8.00	0.67	15.45	9.56	9.32	0.15
12.90	8.29	8.05	0.64	15.50	9.58	9.34	0.15
12.95	8.34	8.10	0.60	15.55	9.59	9.35	0.15

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.15	18.20	10.20	9.96	0.09
15.65	9.62	9.38	0.15	18.25	10.21	9.97	0.09
15.70	9.64	9.39	0.15	18.30	10.22	9.98	0.09
15.75	9.65	9.41	0.15	18.35	10.23	9.99	0.09
15.80	9.66	9.42	0.14	18.40	10.24	9.99	0.09
15.85	9.68	9.44	0.14	18.45	10.24	10.00	0.09
15.90	9.69	9.45	0.14	18.50	10.25	10.01	0.09
15.95	9.70	9.46	0.14	18.55	10.26	10.02	0.09
16.00	9.72	9.48	0.14	18.60	10.27	10.03	0.09
16.05	9.73	9.49	0.14	18.65	10.28	10.04	0.09
16.10	9.74	9.50	0.14	18.70	10.29	10.05	0.09
16.15	9.76	9.52	0.14	18.75	10.30	10.05	0.09
16.20	9.77	9.53	0.14	18.80	10.30	10.06	0.09
16.25	9.78	9.54	0.14	18.85	10.31	10.07	0.09
16.30	9.80	9.55	0.13	18.90	10.32	10.08	0.09
16.35	9.81	9.57	0.13	18.95	10.33	10.09	0.09
16.40	9.82	9.58	0.13	19.00	10.34	10.10	0.09
16.45	9.83	9.59	0.13	19.05	10.35	10.11	0.09
16.50	9.85	9.60	0.13	19.10	10.35	10.11	0.09
16.55	9.86	9.62	0.13	19.15	10.36	10.12	0.09
16.60	9.87	9.63	0.13	19.20	10.37	10.13	0.09
16.65	9.88	9.64	0.13	19.25	10.38	10.14	0.09
16.70	9.89	9.65	0.12	19.30	10.39	10.15	0.08
16.75	9.91	9.66	0.12	19.35	10.40	10.15	0.08
16.80	9.92	9.68	0.12	19.40	10.40	10.16	0.08
16.85	9.93	9.69	0.12	19.45	10.41	10.17	0.08
16.90	9.94	9.70	0.12	19.50	10.42	10.18	0.08
16.95	9.95	9.71	0.12	19.55	10.43	10.19	0.08
17.00	9.96	9.72	0.12	19.60	10.44	10.20	0.08
17.05	9.97	9.73	0.12	19.65	10.44	10.20	0.08
17.10	9.99	9.74	0.12	19.70	10.45	10.21	0.08
17.15	10.00	9.76	0.11	19.75	10.46	10.22	0.08
17.20	10.01	9.77	0.11	19.80	10.47	10.23	0.08
17.25	10.02	9.78	0.11	19.85	10.48	10.24	0.08
17.30	10.03	9.79	0.11	19.90	10.48	10.24	0.08
17.35	10.04	9.80	0.11	19.95	10.49	10.25	0.08
17.40	10.05	9.81	0.11	20.00	10.50	10.26	0.08
17.45	10.06	9.82	0.11	20.05	10.51	10.27	0.08
17.50	10.07	9.83	0.11	20.10	10.52	10.27	0.08
17.55	10.08	9.84	0.11	20.15	10.52	10.28	0.08
17.60	10.09	9.85	0.10	20.20	10.53	10.29	0.08
17.65	10.10	9.86	0.10	20.25	10.54	10.30	0.08
17.70	10.11	9.87	0.10	20.30	10.55	10.31	0.08
17.75	10.12	9.88	0.10	20.35	10.55	10.31	0.08
17.80	10.13	9.89	0.10	20.40	10.56	10.32	0.08
17.85	10.14	9.90	0.10	20.45	10.57	10.33	0.08
17.90	10.15	9.91	0.10	20.50	10.58	10.34	0.08
17.95	10.16	9.92	0.10	20.55	10.58	10.34	0.08
18.00	10.17	9.92	0.10	20.60	10.59	10.35	0.08
18.05	10.17	9.93	0.09	20.65	10.60	10.36	0.08
18.10	10.18	9.94	0.09	20.70	10.61	10.37	0.08
18.15	10.19	9.95	0.09	20.75	10.61	10.37	0.08

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.08	23.40	10.97	10.73	0.06
20.85	10.63	10.39	0.08	23.45	10.97	10.73	0.06
20.90	10.64	10.39	0.08	23.50	10.98	10.74	0.06
20.95	10.64	10.40	0.08	23.55	10.99	10.74	0.06
21.00	10.65	10.41	0.08	23.60	10.99	10.75	0.06
21.05	10.66	10.42	0.07	23.65	11.00	10.76	0.06
21.10	10.66	10.42	0.07	23.70	11.00	10.76	0.06
21.15	10.67	10.43	0.07	23.75	11.01	10.77	0.06
21.20	10.68	10.44	0.07	23.80	11.01	10.77	0.06
21.25	10.69	10.45	0.07	23.85	11.02	10.78	0.06
21.30	10.69	10.45	0.07	23.90	11.03	10.78	0.06
21.35	10.70	10.46	0.07	23.95	11.03	10.79	0.06
21.40	10.71	10.47	0.07	24.00	11.04	10.80	0.06
21.45	10.71	10.47	0.07	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.07	24.10	11.04	10.80	0.05
21.55	10.73	10.49	0.07	24.15	11.04	10.80	0.03
21.60	10.74	10.49	0.07	24.20	11.04	10.80	0.01
21.65	10.74	10.50	0.07	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.07	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.07	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.07	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.07	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.07	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.07	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.07	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.07	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.07	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.07	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.07	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.07	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.07	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.07	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.07	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.07	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.07	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.07	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.07	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.07	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.07	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.07	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.07	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.06	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.06	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.06	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.06	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.06	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.06	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.06	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.06	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.06	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.06	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.06	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 14I: PDA-14 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 14P: PDA-14 (pervious)

Runoff = 13.69 cfs @ 12.17 hrs, Volume= 1.054 af, Depth= 7.72"
 Routed to Pond B-14 : Basin #14

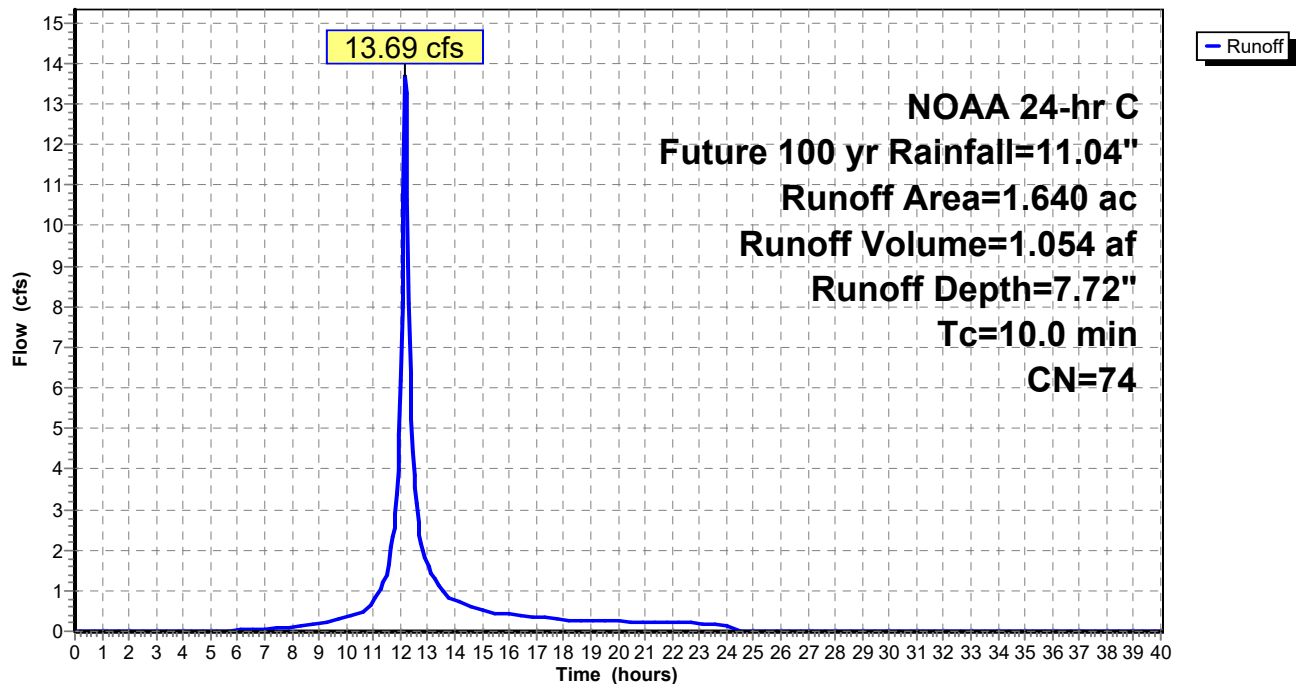
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.640	74	>75% Grass cover, Good, HSG C
1.640		100.00% Pervious Area

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

Subcatchment 14P: PDA-14 (pervious)

Hydrograph



Hydrograph for Subcatchment 14P: PDA-14 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.12
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.13
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.14
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.17
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.18
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.19
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.21
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.22
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.22
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.25
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.26
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.27
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.28
7.10	1.10	0.04	0.07	9.70	1.88	0.29	0.29
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.29
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.08	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.09	10.10	2.06	0.38	0.36
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.37
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.39
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.40
7.70	1.24	0.07	0.10	10.30	2.17	0.43	0.41
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.42

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.43	13.00	8.39	5.28	1.66
10.45	2.25	0.47	0.44	13.05	8.43	5.32	1.58
10.50	2.28	0.49	0.45	13.10	8.48	5.36	1.49
10.55	2.31	0.50	0.47	13.15	8.52	5.39	1.40
10.60	2.34	0.52	0.49	13.20	8.56	5.43	1.33
10.65	2.37	0.54	0.51	13.25	8.60	5.46	1.27
10.70	2.41	0.56	0.54	13.30	8.63	5.50	1.22
10.75	2.44	0.58	0.58	13.35	8.67	5.53	1.17
10.80	2.48	0.60	0.61	13.40	8.70	5.56	1.12
10.85	2.52	0.62	0.65	13.45	8.73	5.59	1.08
10.90	2.56	0.64	0.68	13.50	8.76	5.61	1.03
10.95	2.61	0.67	0.72	13.55	8.79	5.64	0.98
11.00	2.65	0.69	0.76	13.60	8.82	5.67	0.94
11.05	2.70	0.72	0.80	13.65	8.85	5.69	0.89
11.10	2.75	0.75	0.85	13.70	8.87	5.71	0.86
11.15	2.80	0.79	0.91	13.75	8.90	5.74	0.84
11.20	2.86	0.82	0.97	13.80	8.93	5.76	0.82
11.25	2.92	0.86	1.04	13.85	8.95	5.79	0.80
11.30	2.98	0.90	1.12	13.90	8.98	5.81	0.79
11.35	3.05	0.94	1.19	13.95	9.00	5.83	0.78
11.40	3.12	0.98	1.27	14.00	9.03	5.85	0.77
11.45	3.19	1.03	1.34	14.05	9.05	5.88	0.75
11.50	3.26	1.08	1.42	14.10	9.07	5.90	0.74
11.55	3.37	1.15	1.52	14.15	9.10	5.92	0.73
11.60	3.49	1.23	1.74	14.20	9.12	5.94	0.72
11.65	3.60	1.31	2.07	14.25	9.14	5.96	0.71
11.70	3.72	1.39	2.34	14.30	9.16	5.98	0.69
11.75	3.88	1.51	2.56	14.35	9.19	6.00	0.68
11.80	4.04	1.63	2.89	14.40	9.21	6.02	0.67
11.85	4.27	1.79	3.35	14.45	9.23	6.04	0.66
11.90	4.49	1.96	3.98	14.50	9.25	6.06	0.64
11.95	4.88	2.27	4.83	14.55	9.27	6.07	0.63
12.00	5.26	2.57	6.19	14.60	9.29	6.09	0.62
12.05	5.91	3.11	8.07	14.65	9.31	6.11	0.61
12.10	6.55	3.65	10.76	14.70	9.32	6.13	0.59
12.15	6.77	3.85	13.41	14.75	9.34	6.14	0.58
12.20	7.00	4.04	13.26	14.80	9.36	6.16	0.57
12.25	7.16	4.18	10.63	14.85	9.38	6.17	0.56
12.30	7.32	4.32	8.09	14.90	9.40	6.19	0.55
12.35	7.44	4.43	6.41	14.95	9.41	6.21	0.53
12.40	7.55	4.53	5.23	15.00	9.43	6.22	0.52
12.45	7.67	4.63	4.39	15.05	9.44	6.23	0.51
12.50	7.78	4.73	3.86	15.10	9.46	6.25	0.50
12.55	7.85	4.79	3.52	15.15	9.47	6.26	0.48
12.60	7.92	4.86	3.13	15.20	9.49	6.28	0.48
12.65	7.99	4.92	2.69	15.25	9.50	6.29	0.47
12.70	8.06	4.98	2.37	15.30	9.52	6.30	0.46
12.75	8.12	5.03	2.18	15.35	9.53	6.32	0.46
12.80	8.18	5.09	2.04	15.40	9.55	6.33	0.46
12.85	8.24	5.14	1.94	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.84	15.50	9.58	6.36	0.45
12.95	8.34	5.23	1.75	15.55	9.59	6.37	0.45

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.44	18.20	10.20	6.93	0.27
15.65	9.62	6.40	0.44	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.44	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.43	18.40	10.24	6.97	0.27
15.85	9.68	6.45	0.43	18.45	10.24	6.97	0.27
15.90	9.69	6.46	0.42	18.50	10.25	6.98	0.27
15.95	9.70	6.47	0.42	18.55	10.26	6.99	0.27
16.00	9.72	6.49	0.42	18.60	10.27	7.00	0.27
16.05	9.73	6.50	0.41	18.65	10.28	7.01	0.27
16.10	9.74	6.51	0.41	18.70	10.29	7.01	0.26
16.15	9.76	6.52	0.41	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.41	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.40	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.39	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.39	19.05	10.35	7.07	0.26
16.50	9.85	6.60	0.39	19.10	10.35	7.08	0.26
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.26
16.60	9.87	6.63	0.38	19.20	10.37	7.09	0.26
16.65	9.88	6.64	0.38	19.25	10.38	7.10	0.26
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.25
16.75	9.91	6.66	0.37	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.37	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.36	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.36	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.35	19.65	10.44	7.16	0.25
17.10	9.99	6.73	0.35	19.70	10.45	7.17	0.25
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.25
17.20	10.01	6.75	0.34	19.80	10.47	7.18	0.25
17.25	10.02	6.76	0.34	19.85	10.48	7.19	0.25
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.25
17.35	10.04	6.78	0.33	19.95	10.49	7.20	0.24
17.40	10.05	6.79	0.33	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.32	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.32	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.31	20.25	10.54	7.25	0.24
17.70	10.11	6.85	0.31	20.30	10.55	7.25	0.24
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.24
17.80	10.13	6.87	0.30	20.40	10.56	7.27	0.24
17.85	10.14	6.87	0.30	20.45	10.57	7.28	0.24
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.23
17.95	10.16	6.89	0.29	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.29	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.28	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.19
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.19
20.90	10.64	7.34	0.23	23.50	10.98	7.66	0.19
20.95	10.64	7.34	0.23	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.23	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.23	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.22	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.18
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.19
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.22	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.22	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.22	24.20	11.04	7.72	0.05
21.65	10.74	7.44	0.22	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.21	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.21	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.21	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.21	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.21	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.21	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.20	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.20	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.20	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.20	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.19	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.19	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 14P: PDA-14 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 15I: PDA-15 (impervious)

Runoff = 14.03 cfs @ 12.17 hrs, Volume= 1.250 af, Depth=10.80"
 Routed to Pond B-15 : Basin #15

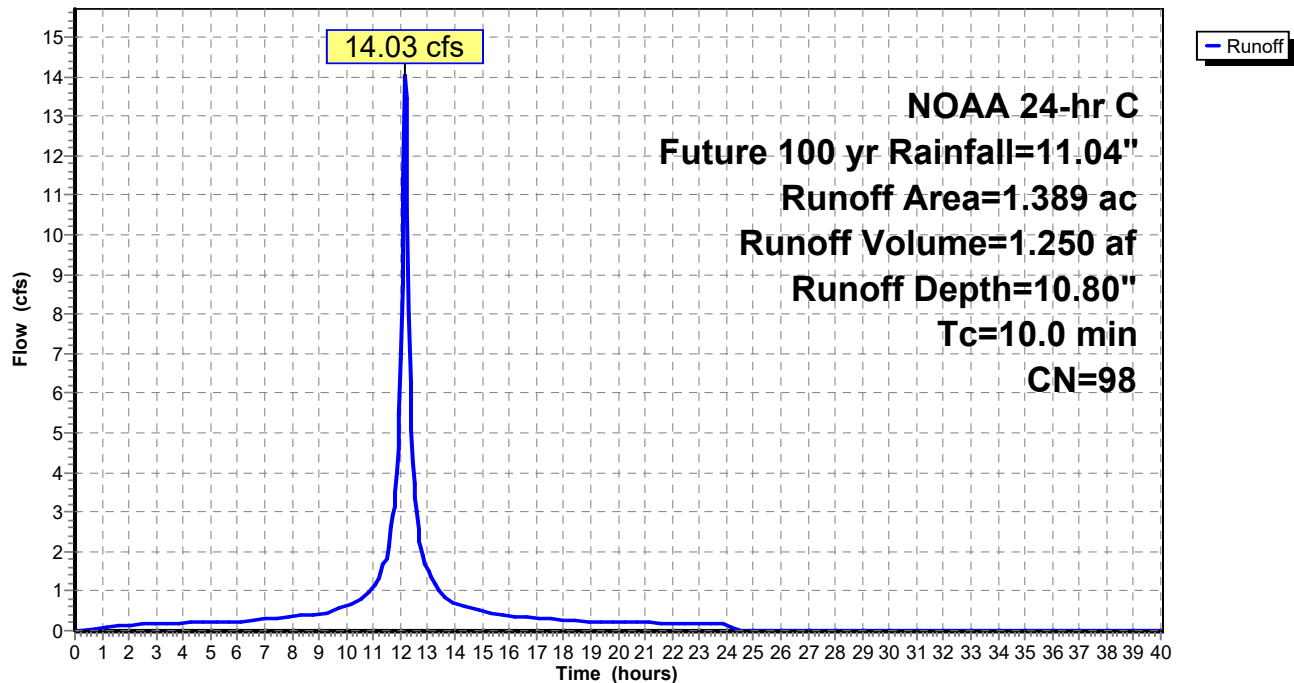
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.836	98	Roof, HSG C
* 0.052	98	Concrete, HSG C
1.389	98	Weighted Average
1.389		100.00% Impervious Area

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

Subcatchment 15I: PDA-15 (impervious)

Hydrograph



Hydrograph for Subcatchment 15I: PDA-15 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.16
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.16
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.16
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.16
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.17
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.17
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.17
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.17
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.17
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.17
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.17
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.18
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.18
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.18
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.18
0.75	0.09	0.01	0.04	3.35	0.44	0.27	0.18
0.80	0.10	0.01	0.05	3.40	0.45	0.27	0.18
0.85	0.10	0.01	0.05	3.45	0.46	0.28	0.18
0.90	0.11	0.02	0.06	3.50	0.46	0.29	0.19
0.95	0.11	0.02	0.06	3.55	0.47	0.29	0.19
1.00	0.12	0.02	0.07	3.60	0.48	0.30	0.19
1.05	0.13	0.03	0.07	3.65	0.49	0.31	0.19
1.10	0.13	0.03	0.08	3.70	0.49	0.31	0.19
1.15	0.14	0.03	0.08	3.75	0.50	0.32	0.19
1.20	0.15	0.04	0.09	3.80	0.51	0.33	0.19
1.25	0.15	0.04	0.09	3.85	0.52	0.33	0.19
1.30	0.16	0.04	0.09	3.90	0.52	0.34	0.19
1.35	0.16	0.05	0.10	3.95	0.53	0.35	0.20
1.40	0.17	0.05	0.10	4.00	0.54	0.35	0.20
1.45	0.18	0.05	0.11	4.05	0.55	0.36	0.20
1.50	0.18	0.06	0.11	4.10	0.56	0.37	0.20
1.55	0.19	0.06	0.11	4.15	0.56	0.38	0.20
1.60	0.20	0.07	0.12	4.20	0.57	0.38	0.20
1.65	0.20	0.07	0.12	4.25	0.58	0.39	0.20
1.70	0.21	0.08	0.12	4.30	0.59	0.40	0.20
1.75	0.22	0.08	0.12	4.35	0.60	0.41	0.21
1.80	0.22	0.09	0.13	4.40	0.60	0.41	0.21
1.85	0.23	0.09	0.13	4.45	0.61	0.42	0.21
1.90	0.24	0.10	0.13	4.50	0.62	0.43	0.21
1.95	0.24	0.10	0.13	4.55	0.63	0.44	0.21
2.00	0.25	0.11	0.14	4.60	0.64	0.44	0.21
2.05	0.26	0.11	0.14	4.65	0.64	0.45	0.21
2.10	0.26	0.12	0.14	4.70	0.65	0.46	0.21
2.15	0.27	0.12	0.14	4.75	0.66	0.47	0.21
2.20	0.28	0.13	0.14	4.80	0.67	0.47	0.21
2.25	0.28	0.13	0.15	4.85	0.68	0.48	0.22
2.30	0.29	0.14	0.15	4.90	0.69	0.49	0.22
2.35	0.30	0.14	0.15	4.95	0.69	0.50	0.22
2.40	0.30	0.15	0.15	5.00	0.70	0.51	0.22
2.45	0.31	0.15	0.15	5.05	0.71	0.51	0.22
2.50	0.32	0.16	0.16	5.10	0.72	0.52	0.22
2.55	0.33	0.17	0.16	5.15	0.73	0.53	0.22

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.22	7.80	1.27	1.05	0.35
5.25	0.74	0.55	0.22	7.85	1.28	1.07	0.35
5.30	0.75	0.55	0.22	7.90	1.30	1.08	0.35
5.35	0.76	0.56	0.23	7.95	1.31	1.09	0.36
5.40	0.77	0.57	0.23	8.00	1.32	1.11	0.36
5.45	0.78	0.58	0.23	8.05	1.34	1.12	0.36
5.50	0.79	0.59	0.23	8.10	1.35	1.13	0.36
5.55	0.80	0.59	0.23	8.15	1.36	1.15	0.37
5.60	0.80	0.60	0.23	8.20	1.38	1.16	0.37
5.65	0.81	0.61	0.23	8.25	1.39	1.17	0.37
5.70	0.82	0.62	0.23	8.30	1.40	1.19	0.38
5.75	0.83	0.63	0.23	8.35	1.42	1.20	0.38
5.80	0.84	0.64	0.23	8.40	1.43	1.21	0.38
5.85	0.85	0.64	0.23	8.45	1.45	1.23	0.39
5.90	0.86	0.65	0.24	8.50	1.46	1.24	0.39
5.95	0.87	0.66	0.24	8.55	1.48	1.26	0.39
6.00	0.87	0.67	0.24	8.60	1.49	1.27	0.40
6.05	0.88	0.68	0.24	8.65	1.51	1.29	0.40
6.10	0.89	0.69	0.24	8.70	1.52	1.30	0.40
6.15	0.90	0.70	0.24	8.75	1.54	1.32	0.41
6.20	0.91	0.71	0.25	8.80	1.55	1.33	0.41
6.25	0.92	0.71	0.25	8.85	1.57	1.35	0.41
6.30	0.93	0.72	0.25	8.90	1.58	1.36	0.41
6.35	0.94	0.73	0.25	8.95	1.60	1.38	0.42
6.40	0.95	0.74	0.26	9.00	1.61	1.39	0.42
6.45	0.96	0.75	0.26	9.05	1.63	1.41	0.42
6.50	0.97	0.76	0.26	9.10	1.64	1.42	0.43
6.55	0.98	0.77	0.27	9.15	1.66	1.44	0.44
6.60	0.99	0.78	0.27	9.20	1.68	1.46	0.45
6.65	1.00	0.79	0.27	9.25	1.70	1.47	0.46
6.70	1.01	0.80	0.28	9.30	1.72	1.49	0.47
6.75	1.02	0.81	0.28	9.35	1.73	1.51	0.48
6.80	1.03	0.82	0.28	9.40	1.75	1.53	0.50
6.85	1.04	0.83	0.29	9.45	1.77	1.55	0.51
6.90	1.05	0.84	0.29	9.50	1.79	1.57	0.52
6.95	1.07	0.85	0.29	9.55	1.81	1.59	0.53
7.00	1.08	0.87	0.30	9.60	1.83	1.61	0.54
7.05	1.09	0.88	0.30	9.65	1.85	1.63	0.55
7.10	1.10	0.89	0.30	9.70	1.88	1.65	0.57
7.15	1.11	0.90	0.31	9.75	1.90	1.67	0.58
7.20	1.12	0.91	0.31	9.80	1.92	1.69	0.59
7.25	1.13	0.92	0.31	9.85	1.94	1.72	0.60
7.30	1.15	0.93	0.31	9.90	1.97	1.74	0.61
7.35	1.16	0.94	0.32	9.95	1.99	1.76	0.62
7.40	1.17	0.96	0.32	10.00	2.01	1.79	0.64
7.45	1.18	0.97	0.32	10.05	2.04	1.81	0.65
7.50	1.19	0.98	0.33	10.10	2.06	1.84	0.66
7.55	1.21	0.99	0.33	10.15	2.09	1.86	0.67
7.60	1.22	1.00	0.33	10.20	2.11	1.89	0.68
7.65	1.23	1.02	0.34	10.25	2.14	1.91	0.69
7.70	1.24	1.03	0.34	10.30	2.17	1.94	0.71
7.75	1.26	1.04	0.34	10.35	2.19	1.97	0.72

Hydrograph for Subcatchment 15l: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.73	13.00	8.39	8.15	1.57
10.45	2.25	2.02	0.74	13.05	8.43	8.19	1.48
10.50	2.28	2.05	0.75	13.10	8.48	8.24	1.40
10.55	2.31	2.08	0.77	13.15	8.52	8.28	1.32
10.60	2.34	2.11	0.79	13.20	8.56	8.32	1.25
10.65	2.37	2.14	0.82	13.25	8.60	8.36	1.20
10.70	2.41	2.18	0.86	13.30	8.63	8.39	1.15
10.75	2.44	2.21	0.91	13.35	8.67	8.43	1.10
10.80	2.48	2.25	0.95	13.40	8.70	8.46	1.05
10.85	2.52	2.29	0.99	13.45	8.73	8.49	1.01
10.90	2.56	2.33	1.04	13.50	8.76	8.52	0.96
10.95	2.61	2.38	1.08	13.55	8.79	8.55	0.92
11.00	2.65	2.42	1.13	13.60	8.82	8.58	0.87
11.05	2.70	2.47	1.17	13.65	8.85	8.61	0.83
11.10	2.75	2.52	1.23	13.70	8.87	8.63	0.80
11.15	2.80	2.57	1.30	13.75	8.90	8.66	0.78
11.20	2.86	2.63	1.38	13.80	8.93	8.69	0.76
11.25	2.92	2.69	1.46	13.85	8.95	8.71	0.75
11.30	2.98	2.75	1.54	13.90	8.98	8.74	0.74
11.35	3.05	2.82	1.63	13.95	9.00	8.76	0.72
11.40	3.12	2.89	1.71	14.00	9.03	8.79	0.71
11.45	3.19	2.96	1.79	14.05	9.05	8.81	0.70
11.50	3.26	3.03	1.87	14.10	9.07	8.83	0.69
11.55	3.37	3.14	1.97	14.15	9.10	8.86	0.68
11.60	3.49	3.25	2.23	14.20	9.12	8.88	0.67
11.65	3.60	3.37	2.60	14.25	9.14	8.90	0.65
11.70	3.72	3.49	2.90	14.30	9.16	8.92	0.64
11.75	3.88	3.65	3.13	14.35	9.19	8.95	0.63
11.80	4.04	3.81	3.48	14.40	9.21	8.97	0.62
11.85	4.27	4.03	3.96	14.45	9.23	8.99	0.61
11.90	4.49	4.25	4.62	14.50	9.25	9.01	0.60
11.95	4.88	4.64	5.49	14.55	9.27	9.03	0.59
12.00	5.26	5.02	6.88	14.60	9.29	9.05	0.57
12.05	5.91	5.67	8.76	14.65	9.31	9.07	0.56
12.10	6.55	6.31	11.38	14.70	9.32	9.08	0.55
12.15	6.77	6.53	13.84	14.75	9.34	9.10	0.54
12.20	7.00	6.76	13.45	14.80	9.36	9.12	0.53
12.25	7.16	6.92	10.65	14.85	9.38	9.14	0.52
12.30	7.32	7.08	8.02	14.90	9.40	9.15	0.50
12.35	7.44	7.20	6.29	14.95	9.41	9.17	0.49
12.40	7.55	7.31	5.10	15.00	9.43	9.19	0.48
12.45	7.67	7.43	4.25	15.05	9.44	9.20	0.47
12.50	7.78	7.54	3.72	15.10	9.46	9.22	0.46
12.55	7.85	7.61	3.38	15.15	9.47	9.23	0.45
12.60	7.92	7.68	2.99	15.20	9.49	9.25	0.44
12.65	7.99	7.75	2.57	15.25	9.50	9.26	0.43
12.70	8.06	7.82	2.25	15.30	9.52	9.28	0.43
12.75	8.12	7.88	2.07	15.35	9.53	9.29	0.42
12.80	8.18	7.94	1.94	15.40	9.55	9.31	0.42
12.85	8.24	8.00	1.83	15.45	9.56	9.32	0.42
12.90	8.29	8.05	1.74	15.50	9.58	9.34	0.42
12.95	8.34	8.10	1.65	15.55	9.59	9.35	0.41

Hydrograph for Subcatchment 15l: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.41	18.20	10.20	9.96	0.25
15.65	9.62	9.38	0.41	18.25	10.21	9.97	0.25
15.70	9.64	9.39	0.40	18.30	10.22	9.98	0.25
15.75	9.65	9.41	0.40	18.35	10.23	9.99	0.25
15.80	9.66	9.42	0.40	18.40	10.24	9.99	0.25
15.85	9.68	9.44	0.39	18.45	10.24	10.00	0.25
15.90	9.69	9.45	0.39	18.50	10.25	10.01	0.24
15.95	9.70	9.46	0.39	18.55	10.26	10.02	0.24
16.00	9.72	9.48	0.38	18.60	10.27	10.03	0.24
16.05	9.73	9.49	0.38	18.65	10.28	10.04	0.24
16.10	9.74	9.50	0.38	18.70	10.29	10.05	0.24
16.15	9.76	9.52	0.38	18.75	10.30	10.05	0.24
16.20	9.77	9.53	0.37	18.80	10.30	10.06	0.24
16.25	9.78	9.54	0.37	18.85	10.31	10.07	0.24
16.30	9.80	9.55	0.37	18.90	10.32	10.08	0.24
16.35	9.81	9.57	0.36	18.95	10.33	10.09	0.24
16.40	9.82	9.58	0.36	19.00	10.34	10.10	0.24
16.45	9.83	9.59	0.36	19.05	10.35	10.11	0.24
16.50	9.85	9.60	0.35	19.10	10.35	10.11	0.24
16.55	9.86	9.62	0.35	19.15	10.36	10.12	0.23
16.60	9.87	9.63	0.35	19.20	10.37	10.13	0.23
16.65	9.88	9.64	0.34	19.25	10.38	10.14	0.23
16.70	9.89	9.65	0.34	19.30	10.39	10.15	0.23
16.75	9.91	9.66	0.34	19.35	10.40	10.15	0.23
16.80	9.92	9.68	0.34	19.40	10.40	10.16	0.23
16.85	9.93	9.69	0.33	19.45	10.41	10.17	0.23
16.90	9.94	9.70	0.33	19.50	10.42	10.18	0.23
16.95	9.95	9.71	0.33	19.55	10.43	10.19	0.23
17.00	9.96	9.72	0.32	19.60	10.44	10.20	0.23
17.05	9.97	9.73	0.32	19.65	10.44	10.20	0.23
17.10	9.99	9.74	0.32	19.70	10.45	10.21	0.23
17.15	10.00	9.76	0.31	19.75	10.46	10.22	0.23
17.20	10.01	9.77	0.31	19.80	10.47	10.23	0.22
17.25	10.02	9.78	0.31	19.85	10.48	10.24	0.22
17.30	10.03	9.79	0.30	19.90	10.48	10.24	0.22
17.35	10.04	9.80	0.30	19.95	10.49	10.25	0.22
17.40	10.05	9.81	0.30	20.00	10.50	10.26	0.22
17.45	10.06	9.82	0.29	20.05	10.51	10.27	0.22
17.50	10.07	9.83	0.29	20.10	10.52	10.27	0.22
17.55	10.08	9.84	0.29	20.15	10.52	10.28	0.22
17.60	10.09	9.85	0.29	20.20	10.53	10.29	0.22
17.65	10.10	9.86	0.28	20.25	10.54	10.30	0.22
17.70	10.11	9.87	0.28	20.30	10.55	10.31	0.22
17.75	10.12	9.88	0.28	20.35	10.55	10.31	0.22
17.80	10.13	9.89	0.27	20.40	10.56	10.32	0.21
17.85	10.14	9.90	0.27	20.45	10.57	10.33	0.21
17.90	10.15	9.91	0.27	20.50	10.58	10.34	0.21
17.95	10.16	9.92	0.26	20.55	10.58	10.34	0.21
18.00	10.17	9.92	0.26	20.60	10.59	10.35	0.21
18.05	10.17	9.93	0.26	20.65	10.60	10.36	0.21
18.10	10.18	9.94	0.26	20.70	10.61	10.37	0.21
18.15	10.19	9.95	0.25	20.75	10.61	10.37	0.21

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.21	23.40	10.97	10.73	0.17
20.85	10.63	10.39	0.21	23.45	10.97	10.73	0.17
20.90	10.64	10.39	0.21	23.50	10.98	10.74	0.17
20.95	10.64	10.40	0.21	23.55	10.99	10.74	0.17
21.00	10.65	10.41	0.21	23.60	10.99	10.75	0.17
21.05	10.66	10.42	0.20	23.65	11.00	10.76	0.16
21.10	10.66	10.42	0.20	23.70	11.00	10.76	0.16
21.15	10.67	10.43	0.20	23.75	11.01	10.77	0.16
21.20	10.68	10.44	0.20	23.80	11.01	10.77	0.16
21.25	10.69	10.45	0.20	23.85	11.02	10.78	0.16
21.30	10.69	10.45	0.20	23.90	11.03	10.78	0.16
21.35	10.70	10.46	0.20	23.95	11.03	10.79	0.16
21.40	10.71	10.47	0.20	24.00	11.04	10.80	0.17
21.45	10.71	10.47	0.20	24.05	11.04	10.80	0.17
21.50	10.72	10.48	0.20	24.10	11.04	10.80	0.14
21.55	10.73	10.49	0.20	24.15	11.04	10.80	0.08
21.60	10.74	10.49	0.20	24.20	11.04	10.80	0.04
21.65	10.74	10.50	0.20	24.25	11.04	10.80	0.02
21.70	10.75	10.51	0.19	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.19	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.19	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.19	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.19	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.19	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.19	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.19	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.19	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.19	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.19	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.19	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.19	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.19	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.18	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.18	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.18	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.18	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.18	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.18	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.18	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.18	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.18	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.18	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.18	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.18	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.18	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.17	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.17	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.17	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.17	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.17	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.17	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.17	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 15I: PDA-15 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 15P: PDA-15 (pervious)

Runoff = 8.15 cfs @ 12.17 hrs, Volume= 0.627 af, Depth= 7.72"
 Routed to Pond B-15 : Basin #15

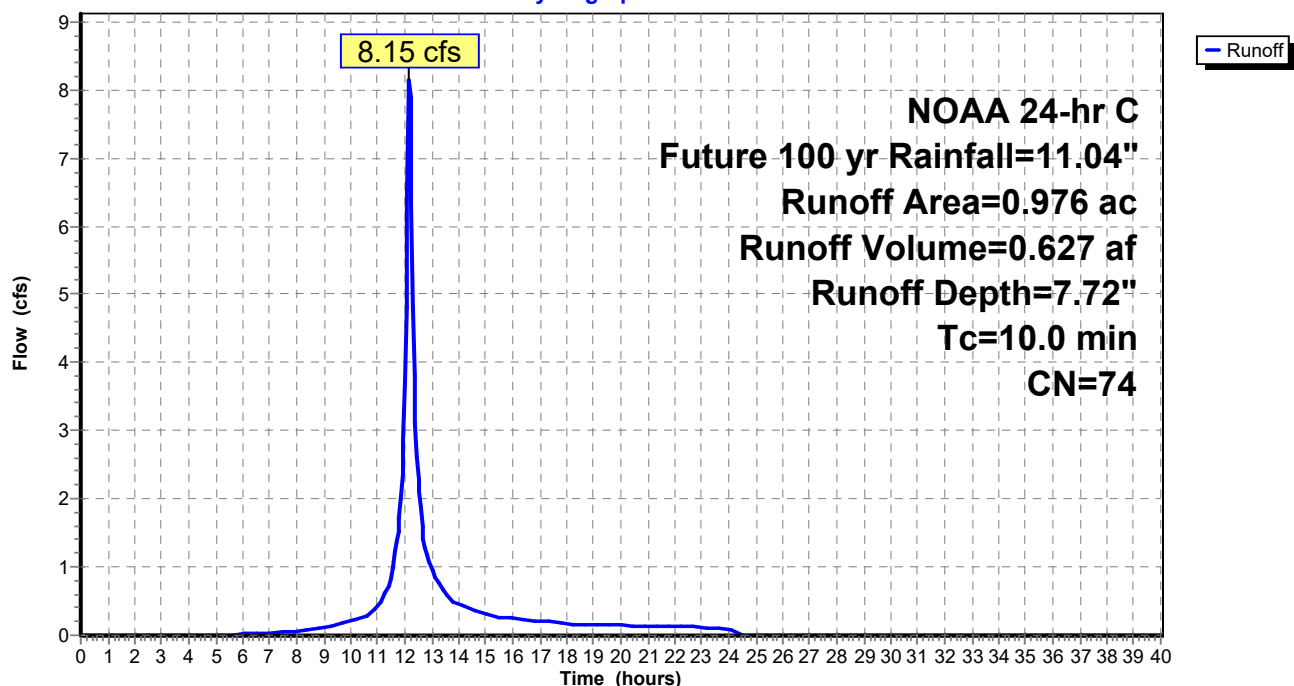
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.976	74	>75% Grass cover, Good, HSG C
0.976		100.00% Pervious Area

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

Subcatchment 15P: PDA-15 (pervious)

Hydrograph



Hydrograph for Subcatchment 15P: PDA-15 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.11
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.12
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.16
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.17
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.18
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.18
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.19
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.19
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.20
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.20
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.21
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.22
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.22
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.23
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.24
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.24
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.25

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.26	13.00	8.39	5.28	0.99
10.45	2.25	0.47	0.26	13.05	8.43	5.32	0.94
10.50	2.28	0.49	0.27	13.10	8.48	5.36	0.89
10.55	2.31	0.50	0.28	13.15	8.52	5.39	0.84
10.60	2.34	0.52	0.29	13.20	8.56	5.43	0.79
10.65	2.37	0.54	0.31	13.25	8.60	5.46	0.76
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.73
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.70
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.67
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.64
10.90	2.56	0.64	0.41	13.50	8.76	5.61	0.61
10.95	2.61	0.67	0.43	13.55	8.79	5.64	0.59
11.00	2.65	0.69	0.45	13.60	8.82	5.67	0.56
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.53
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.51
11.15	2.80	0.79	0.54	13.75	8.90	5.74	0.50
11.20	2.86	0.82	0.58	13.80	8.93	5.76	0.49
11.25	2.92	0.86	0.62	13.85	8.95	5.79	0.48
11.30	2.98	0.90	0.66	13.90	8.98	5.81	0.47
11.35	3.05	0.94	0.71	13.95	9.00	5.83	0.46
11.40	3.12	0.98	0.75	14.00	9.03	5.85	0.46
11.45	3.19	1.03	0.80	14.05	9.05	5.88	0.45
11.50	3.26	1.08	0.84	14.10	9.07	5.90	0.44
11.55	3.37	1.15	0.90	14.15	9.10	5.92	0.43
11.60	3.49	1.23	1.04	14.20	9.12	5.94	0.43
11.65	3.60	1.31	1.23	14.25	9.14	5.96	0.42
11.70	3.72	1.39	1.39	14.30	9.16	5.98	0.41
11.75	3.88	1.51	1.52	14.35	9.19	6.00	0.41
11.80	4.04	1.63	1.72	14.40	9.21	6.02	0.40
11.85	4.27	1.79	1.99	14.45	9.23	6.04	0.39
11.90	4.49	1.96	2.37	14.50	9.25	6.06	0.38
11.95	4.88	2.27	2.87	14.55	9.27	6.07	0.38
12.00	5.26	2.57	3.68	14.60	9.29	6.09	0.37
12.05	5.91	3.11	4.80	14.65	9.31	6.11	0.36
12.10	6.55	3.65	6.41	14.70	9.32	6.13	0.35
12.15	6.77	3.85	7.98	14.75	9.34	6.14	0.35
12.20	7.00	4.04	7.89	14.80	9.36	6.16	0.34
12.25	7.16	4.18	6.33	14.85	9.38	6.17	0.33
12.30	7.32	4.32	4.82	14.90	9.40	6.19	0.32
12.35	7.44	4.43	3.81	14.95	9.41	6.21	0.32
12.40	7.55	4.53	3.11	15.00	9.43	6.22	0.31
12.45	7.67	4.63	2.62	15.05	9.44	6.23	0.30
12.50	7.78	4.73	2.30	15.10	9.46	6.25	0.30
12.55	7.85	4.79	2.10	15.15	9.47	6.26	0.29
12.60	7.92	4.86	1.87	15.20	9.49	6.28	0.28
12.65	7.99	4.92	1.60	15.25	9.50	6.29	0.28
12.70	8.06	4.98	1.41	15.30	9.52	6.30	0.28
12.75	8.12	5.03	1.30	15.35	9.53	6.32	0.27
12.80	8.18	5.09	1.22	15.40	9.55	6.33	0.27
12.85	8.24	5.14	1.15	15.45	9.56	6.34	0.27
12.90	8.29	5.19	1.10	15.50	9.58	6.36	0.27
12.95	8.34	5.23	1.04	15.55	9.59	6.37	0.27

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.26	18.20	10.20	6.93	0.16
15.65	9.62	6.40	0.26	18.25	10.21	6.94	0.16
15.70	9.64	6.41	0.26	18.30	10.22	6.95	0.16
15.75	9.65	6.42	0.26	18.35	10.23	6.96	0.16
15.80	9.66	6.44	0.26	18.40	10.24	6.97	0.16
15.85	9.68	6.45	0.25	18.45	10.24	6.97	0.16
15.90	9.69	6.46	0.25	18.50	10.25	6.98	0.16
15.95	9.70	6.47	0.25	18.55	10.26	6.99	0.16
16.00	9.72	6.49	0.25	18.60	10.27	7.00	0.16
16.05	9.73	6.50	0.25	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.24	18.70	10.29	7.01	0.16
16.15	9.76	6.52	0.24	18.75	10.30	7.02	0.16
16.20	9.77	6.54	0.24	18.80	10.30	7.03	0.16
16.25	9.78	6.55	0.24	18.85	10.31	7.04	0.16
16.30	9.80	6.56	0.24	18.90	10.32	7.04	0.16
16.35	9.81	6.57	0.24	18.95	10.33	7.05	0.15
16.40	9.82	6.58	0.23	19.00	10.34	7.06	0.15
16.45	9.83	6.59	0.23	19.05	10.35	7.07	0.15
16.50	9.85	6.60	0.23	19.10	10.35	7.08	0.15
16.55	9.86	6.62	0.23	19.15	10.36	7.08	0.15
16.60	9.87	6.63	0.23	19.20	10.37	7.09	0.15
16.65	9.88	6.64	0.22	19.25	10.38	7.10	0.15
16.70	9.89	6.65	0.22	19.30	10.39	7.11	0.15
16.75	9.91	6.66	0.22	19.35	10.40	7.11	0.15
16.80	9.92	6.67	0.22	19.40	10.40	7.12	0.15
16.85	9.93	6.68	0.22	19.45	10.41	7.13	0.15
16.90	9.94	6.69	0.21	19.50	10.42	7.14	0.15
16.95	9.95	6.70	0.21	19.55	10.43	7.14	0.15
17.00	9.96	6.71	0.21	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.21	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.21	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.20	19.75	10.46	7.17	0.15
17.20	10.01	6.75	0.20	19.80	10.47	7.18	0.15
17.25	10.02	6.76	0.20	19.85	10.48	7.19	0.15
17.30	10.03	6.77	0.20	19.90	10.48	7.20	0.15
17.35	10.04	6.78	0.20	19.95	10.49	7.20	0.15
17.40	10.05	6.79	0.19	20.00	10.50	7.21	0.14
17.45	10.06	6.80	0.19	20.05	10.51	7.22	0.14
17.50	10.07	6.81	0.19	20.10	10.52	7.23	0.14
17.55	10.08	6.82	0.19	20.15	10.52	7.23	0.14
17.60	10.09	6.83	0.19	20.20	10.53	7.24	0.14
17.65	10.10	6.84	0.18	20.25	10.54	7.25	0.14
17.70	10.11	6.85	0.18	20.30	10.55	7.25	0.14
17.75	10.12	6.86	0.18	20.35	10.55	7.26	0.14
17.80	10.13	6.87	0.18	20.40	10.56	7.27	0.14
17.85	10.14	6.87	0.18	20.45	10.57	7.28	0.14
17.90	10.15	6.88	0.17	20.50	10.58	7.28	0.14
17.95	10.16	6.89	0.17	20.55	10.58	7.29	0.14
18.00	10.17	6.90	0.17	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.17	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.17	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.16	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.14	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.14	23.45	10.97	7.65	0.11
20.90	10.64	7.34	0.14	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.14	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.13	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.13	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.13	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.13	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.13	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.13	23.85	11.02	7.70	0.11
21.30	10.69	7.39	0.13	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.13	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.13	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.13	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.13	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.06
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.13	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.13	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.13	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.13	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.12	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.12	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.12	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.12	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.12	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.12	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.12	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.12	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.12	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.12	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.12	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.11	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.11	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.11	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.11	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.11	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.11	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 15P: PDA-15 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 16AI: PDA-16A (impervious)

Runoff = 8.61 cfs @ 12.17 hrs, Volume= 0.768 af, Depth=10.80"
 Routed to Pond B-16A : Basin #16A

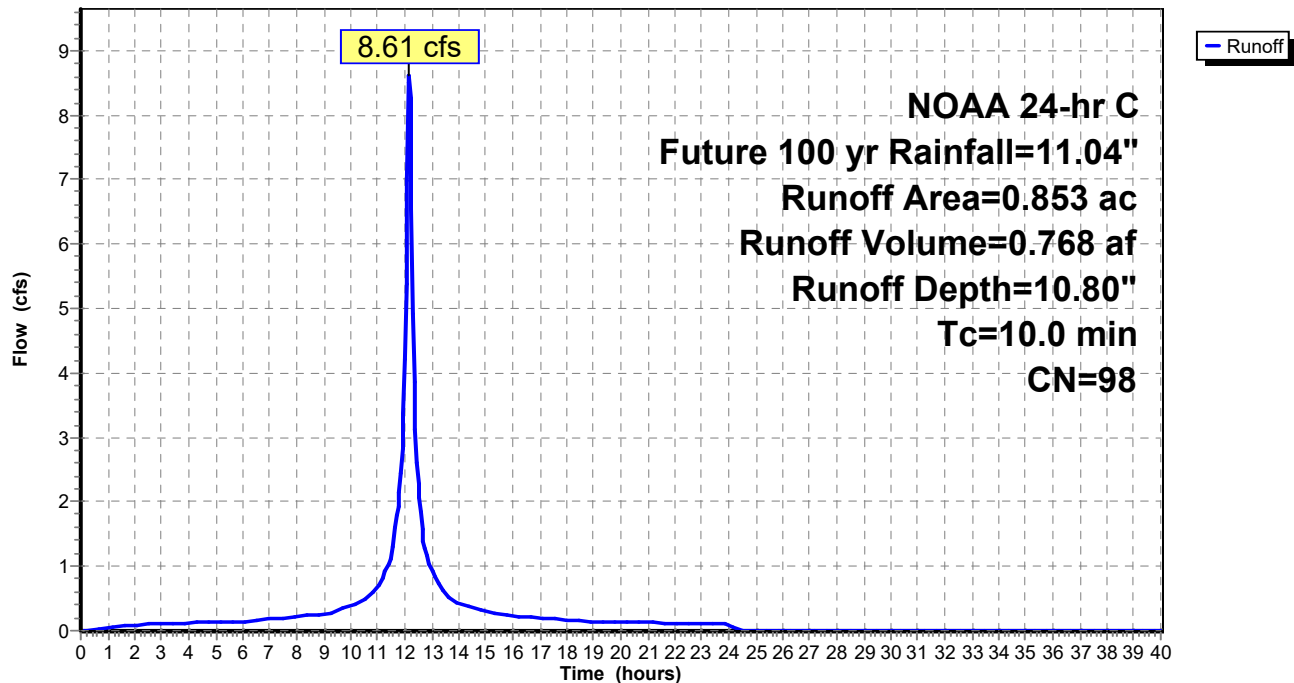
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.072	98	Pavement, HSG C
* 0.771	98	Roof, HSG C
* 0.010	98	Concrete, HSG C
0.853	98	Weighted Average
0.853		100.00% Impervious Area

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

Subcatchment 16AI: PDA-16A (impervious)

Hydrograph



Hydrograph for Subcatchment 16A1: PDA-16A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.13
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.13
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.21
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.21
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.22
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.22
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.22
5.50	0.79	0.59	0.14	8.10	1.35	1.13	0.22
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.23
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.23
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.23
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.23
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.14	8.45	1.45	1.23	0.24
5.90	0.86	0.65	0.14	8.50	1.46	1.24	0.24
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.24
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.24
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.25
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.25
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.25
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.25
6.30	0.93	0.72	0.15	8.90	1.58	1.36	0.25
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.26
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.26
6.45	0.96	0.75	0.16	9.05	1.63	1.41	0.26
6.50	0.97	0.76	0.16	9.10	1.64	1.42	0.27
6.55	0.98	0.77	0.16	9.15	1.66	1.44	0.27
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.28
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.28
6.70	1.01	0.80	0.17	9.30	1.72	1.49	0.29
6.75	1.02	0.81	0.17	9.35	1.73	1.51	0.30
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.30
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.31
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.32
6.95	1.07	0.85	0.18	9.55	1.81	1.59	0.33
7.00	1.08	0.87	0.18	9.60	1.83	1.61	0.33
7.05	1.09	0.88	0.18	9.65	1.85	1.63	0.34
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.35
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.35
7.20	1.12	0.91	0.19	9.80	1.92	1.69	0.36
7.25	1.13	0.92	0.19	9.85	1.94	1.72	0.37
7.30	1.15	0.93	0.19	9.90	1.97	1.74	0.38
7.35	1.16	0.94	0.19	9.95	1.99	1.76	0.38
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.39
7.45	1.18	0.97	0.20	10.05	2.04	1.81	0.40
7.50	1.19	0.98	0.20	10.10	2.06	1.84	0.40
7.55	1.21	0.99	0.20	10.15	2.09	1.86	0.41
7.60	1.22	1.00	0.20	10.20	2.11	1.89	0.42
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.43
7.70	1.24	1.03	0.21	10.30	2.17	1.94	0.43
7.75	1.26	1.04	0.21	10.35	2.19	1.97	0.44

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.45	13.00	8.39	8.15	0.96
10.45	2.25	2.02	0.45	13.05	8.43	8.19	0.91
10.50	2.28	2.05	0.46	13.10	8.48	8.24	0.86
10.55	2.31	2.08	0.47	13.15	8.52	8.28	0.81
10.60	2.34	2.11	0.49	13.20	8.56	8.32	0.77
10.65	2.37	2.14	0.51	13.25	8.60	8.36	0.73
10.70	2.41	2.18	0.53	13.30	8.63	8.39	0.70
10.75	2.44	2.21	0.56	13.35	8.67	8.43	0.67
10.80	2.48	2.25	0.58	13.40	8.70	8.46	0.65
10.85	2.52	2.29	0.61	13.45	8.73	8.49	0.62
10.90	2.56	2.33	0.64	13.50	8.76	8.52	0.59
10.95	2.61	2.38	0.66	13.55	8.79	8.55	0.56
11.00	2.65	2.42	0.69	13.60	8.82	8.58	0.54
11.05	2.70	2.47	0.72	13.65	8.85	8.61	0.51
11.10	2.75	2.52	0.76	13.70	8.87	8.63	0.49
11.15	2.80	2.57	0.80	13.75	8.90	8.66	0.48
11.20	2.86	2.63	0.85	13.80	8.93	8.69	0.47
11.25	2.92	2.69	0.90	13.85	8.95	8.71	0.46
11.30	2.98	2.75	0.95	13.90	8.98	8.74	0.45
11.35	3.05	2.82	1.00	13.95	9.00	8.76	0.45
11.40	3.12	2.89	1.05	14.00	9.03	8.79	0.44
11.45	3.19	2.96	1.10	14.05	9.05	8.81	0.43
11.50	3.26	3.03	1.15	14.10	9.07	8.83	0.42
11.55	3.37	3.14	1.21	14.15	9.10	8.86	0.42
11.60	3.49	3.25	1.37	14.20	9.12	8.88	0.41
11.65	3.60	3.37	1.60	14.25	9.14	8.90	0.40
11.70	3.72	3.49	1.78	14.30	9.16	8.92	0.40
11.75	3.88	3.65	1.92	14.35	9.19	8.95	0.39
11.80	4.04	3.81	2.13	14.40	9.21	8.97	0.38
11.85	4.27	4.03	2.43	14.45	9.23	8.99	0.37
11.90	4.49	4.25	2.84	14.50	9.25	9.01	0.37
11.95	4.88	4.64	3.37	14.55	9.27	9.03	0.36
12.00	5.26	5.02	4.22	14.60	9.29	9.05	0.35
12.05	5.91	5.67	5.38	14.65	9.31	9.07	0.35
12.10	6.55	6.31	6.99	14.70	9.32	9.08	0.34
12.15	6.77	6.53	8.50	14.75	9.34	9.10	0.33
12.20	7.00	6.76	8.26	14.80	9.36	9.12	0.32
12.25	7.16	6.92	6.54	14.85	9.38	9.14	0.32
12.30	7.32	7.08	4.93	14.90	9.40	9.15	0.31
12.35	7.44	7.20	3.86	14.95	9.41	9.17	0.30
12.40	7.55	7.31	3.13	15.00	9.43	9.19	0.29
12.45	7.67	7.43	2.61	15.05	9.44	9.20	0.29
12.50	7.78	7.54	2.28	15.10	9.46	9.22	0.28
12.55	7.85	7.61	2.07	15.15	9.47	9.23	0.27
12.60	7.92	7.68	1.84	15.20	9.49	9.25	0.27
12.65	7.99	7.75	1.58	15.25	9.50	9.26	0.27
12.70	8.06	7.82	1.38	15.30	9.52	9.28	0.26
12.75	8.12	7.88	1.27	15.35	9.53	9.29	0.26
12.80	8.18	7.94	1.19	15.40	9.55	9.31	0.26
12.85	8.24	8.00	1.13	15.45	9.56	9.32	0.26
12.90	8.29	8.05	1.07	15.50	9.58	9.34	0.26
12.95	8.34	8.10	1.01	15.55	9.59	9.35	0.25

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.25	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.25	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.25	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.24	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.24	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.24	18.50	10.25	10.01	0.15
15.95	9.70	9.46	0.24	18.55	10.26	10.02	0.15
16.00	9.72	9.48	0.24	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.23	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.23	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.23	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.23	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.23	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.22	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.22	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.22	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.22	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.22	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.21	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.21	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.21	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.20	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.20	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.20	19.55	10.43	10.19	0.14
17.00	9.96	9.72	0.20	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.19	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.19	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.18	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.18	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.17	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.16	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 16A1: PDA-16A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 16AP: PDA-16A (pervious)

Runoff = 8.54 cfs @ 12.17 hrs, Volume= 0.658 af, Depth= 7.72"
 Routed to Pond B-16A : Basin #16A

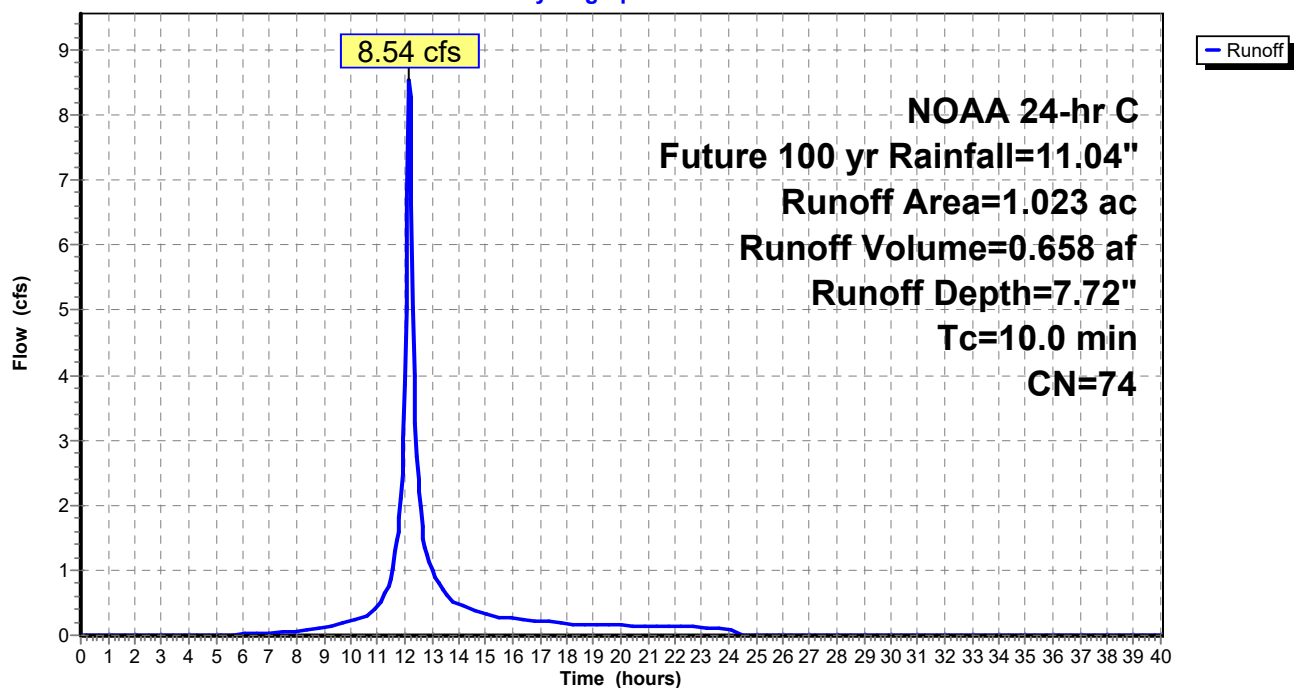
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.023	74	>75% Grass cover, Good, HSG C
1.023		100.00% Pervious Area

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

Subcatchment 16AP: PDA-16A (pervious)

Hydrograph



Hydrograph for Subcatchment 16AP: PDA-16A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.08
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.09
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.09
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.10
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.10
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.11
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.11
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.11
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.11
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.12
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.12
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.13
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.13
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.14
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.14
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.15
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.15
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.16
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.16
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.17
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.17
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.18
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.18
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.19
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.20
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.20
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.21
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.21
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.22
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.23
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.23
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.24
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.25
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.25
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.26

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.27	13.00	8.39	5.28	1.04
10.45	2.25	0.47	0.28	13.05	8.43	5.32	0.98
10.50	2.28	0.49	0.28	13.10	8.48	5.36	0.93
10.55	2.31	0.50	0.29	13.15	8.52	5.39	0.88
10.60	2.34	0.52	0.30	13.20	8.56	5.43	0.83
10.65	2.37	0.54	0.32	13.25	8.60	5.46	0.80
10.70	2.41	0.56	0.34	13.30	8.63	5.50	0.76
10.75	2.44	0.58	0.36	13.35	8.67	5.53	0.73
10.80	2.48	0.60	0.38	13.40	8.70	5.56	0.70
10.85	2.52	0.62	0.40	13.45	8.73	5.59	0.67
10.90	2.56	0.64	0.43	13.50	8.76	5.61	0.64
10.95	2.61	0.67	0.45	13.55	8.79	5.64	0.61
11.00	2.65	0.69	0.47	13.60	8.82	5.67	0.58
11.05	2.70	0.72	0.50	13.65	8.85	5.69	0.56
11.10	2.75	0.75	0.53	13.70	8.87	5.71	0.54
11.15	2.80	0.79	0.57	13.75	8.90	5.74	0.52
11.20	2.86	0.82	0.61	13.80	8.93	5.76	0.51
11.25	2.92	0.86	0.65	13.85	8.95	5.79	0.50
11.30	2.98	0.90	0.70	13.90	8.98	5.81	0.49
11.35	3.05	0.94	0.74	13.95	9.00	5.83	0.49
11.40	3.12	0.98	0.79	14.00	9.03	5.85	0.48
11.45	3.19	1.03	0.84	14.05	9.05	5.88	0.47
11.50	3.26	1.08	0.88	14.10	9.07	5.90	0.46
11.55	3.37	1.15	0.95	14.15	9.10	5.92	0.46
11.60	3.49	1.23	1.09	14.20	9.12	5.94	0.45
11.65	3.60	1.31	1.29	14.25	9.14	5.96	0.44
11.70	3.72	1.39	1.46	14.30	9.16	5.98	0.43
11.75	3.88	1.51	1.60	14.35	9.19	6.00	0.42
11.80	4.04	1.63	1.80	14.40	9.21	6.02	0.42
11.85	4.27	1.79	2.09	14.45	9.23	6.04	0.41
11.90	4.49	1.96	2.48	14.50	9.25	6.06	0.40
11.95	4.88	2.27	3.01	14.55	9.27	6.07	0.39
12.00	5.26	2.57	3.86	14.60	9.29	6.09	0.39
12.05	5.91	3.11	5.03	14.65	9.31	6.11	0.38
12.10	6.55	3.65	6.71	14.70	9.32	6.13	0.37
12.15	6.77	3.85	8.37	14.75	9.34	6.14	0.36
12.20	7.00	4.04	8.27	14.80	9.36	6.16	0.36
12.25	7.16	4.18	6.63	14.85	9.38	6.17	0.35
12.30	7.32	4.32	5.05	14.90	9.40	6.19	0.34
12.35	7.44	4.43	4.00	14.95	9.41	6.21	0.33
12.40	7.55	4.53	3.26	15.00	9.43	6.22	0.32
12.45	7.67	4.63	2.74	15.05	9.44	6.23	0.32
12.50	7.78	4.73	2.41	15.10	9.46	6.25	0.31
12.55	7.85	4.79	2.20	15.15	9.47	6.26	0.30
12.60	7.92	4.86	1.95	15.20	9.49	6.28	0.30
12.65	7.99	4.92	1.68	15.25	9.50	6.29	0.29
12.70	8.06	4.98	1.48	15.30	9.52	6.30	0.29
12.75	8.12	5.03	1.36	15.35	9.53	6.32	0.29
12.80	8.18	5.09	1.27	15.40	9.55	6.33	0.29
12.85	8.24	5.14	1.21	15.45	9.56	6.34	0.28
12.90	8.29	5.19	1.15	15.50	9.58	6.36	0.28
12.95	8.34	5.23	1.09	15.55	9.59	6.37	0.28

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.28	18.20	10.20	6.93	0.17
15.65	9.62	6.40	0.28	18.25	10.21	6.94	0.17
15.70	9.64	6.41	0.27	18.30	10.22	6.95	0.17
15.75	9.65	6.42	0.27	18.35	10.23	6.96	0.17
15.80	9.66	6.44	0.27	18.40	10.24	6.97	0.17
15.85	9.68	6.45	0.27	18.45	10.24	6.97	0.17
15.90	9.69	6.46	0.26	18.50	10.25	6.98	0.17
15.95	9.70	6.47	0.26	18.55	10.26	6.99	0.17
16.00	9.72	6.49	0.26	18.60	10.27	7.00	0.17
16.05	9.73	6.50	0.26	18.65	10.28	7.01	0.17
16.10	9.74	6.51	0.26	18.70	10.29	7.01	0.16
16.15	9.76	6.52	0.25	18.75	10.30	7.02	0.16
16.20	9.77	6.54	0.25	18.80	10.30	7.03	0.16
16.25	9.78	6.55	0.25	18.85	10.31	7.04	0.16
16.30	9.80	6.56	0.25	18.90	10.32	7.04	0.16
16.35	9.81	6.57	0.25	18.95	10.33	7.05	0.16
16.40	9.82	6.58	0.24	19.00	10.34	7.06	0.16
16.45	9.83	6.59	0.24	19.05	10.35	7.07	0.16
16.50	9.85	6.60	0.24	19.10	10.35	7.08	0.16
16.55	9.86	6.62	0.24	19.15	10.36	7.08	0.16
16.60	9.87	6.63	0.24	19.20	10.37	7.09	0.16
16.65	9.88	6.64	0.23	19.25	10.38	7.10	0.16
16.70	9.89	6.65	0.23	19.30	10.39	7.11	0.16
16.75	9.91	6.66	0.23	19.35	10.40	7.11	0.16
16.80	9.92	6.67	0.23	19.40	10.40	7.12	0.16
16.85	9.93	6.68	0.23	19.45	10.41	7.13	0.16
16.90	9.94	6.69	0.22	19.50	10.42	7.14	0.16
16.95	9.95	6.70	0.22	19.55	10.43	7.14	0.16
17.00	9.96	6.71	0.22	19.60	10.44	7.15	0.16
17.05	9.97	6.72	0.22	19.65	10.44	7.16	0.16
17.10	9.99	6.73	0.22	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.21	19.75	10.46	7.17	0.15
17.20	10.01	6.75	0.21	19.80	10.47	7.18	0.15
17.25	10.02	6.76	0.21	19.85	10.48	7.19	0.15
17.30	10.03	6.77	0.21	19.90	10.48	7.20	0.15
17.35	10.04	6.78	0.21	19.95	10.49	7.20	0.15
17.40	10.05	6.79	0.20	20.00	10.50	7.21	0.15
17.45	10.06	6.80	0.20	20.05	10.51	7.22	0.15
17.50	10.07	6.81	0.20	20.10	10.52	7.23	0.15
17.55	10.08	6.82	0.20	20.15	10.52	7.23	0.15
17.60	10.09	6.83	0.20	20.20	10.53	7.24	0.15
17.65	10.10	6.84	0.19	20.25	10.54	7.25	0.15
17.70	10.11	6.85	0.19	20.30	10.55	7.25	0.15
17.75	10.12	6.86	0.19	20.35	10.55	7.26	0.15
17.80	10.13	6.87	0.19	20.40	10.56	7.27	0.15
17.85	10.14	6.87	0.18	20.45	10.57	7.28	0.15
17.90	10.15	6.88	0.18	20.50	10.58	7.28	0.15
17.95	10.16	6.89	0.18	20.55	10.58	7.29	0.15
18.00	10.17	6.90	0.18	20.60	10.59	7.30	0.15
18.05	10.17	6.91	0.18	20.65	10.60	7.30	0.15
18.10	10.18	6.92	0.17	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.17	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.14	23.40	10.97	7.65	0.12
20.85	10.63	7.33	0.14	23.45	10.97	7.65	0.12
20.90	10.64	7.34	0.14	23.50	10.98	7.66	0.12
20.95	10.64	7.34	0.14	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.14	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.14	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.14	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.14	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.14	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.14	23.85	11.02	7.70	0.11
21.30	10.69	7.39	0.14	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.14	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.14	24.00	11.04	7.72	0.12
21.45	10.71	7.41	0.14	24.05	11.04	7.72	0.12
21.50	10.72	7.42	0.14	24.10	11.04	7.72	0.10
21.55	10.73	7.42	0.14	24.15	11.04	7.72	0.06
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.13	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.13	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.13	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.13	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.13	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.13	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.13	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.13	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.13	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.13	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.13	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.13	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.13	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.13	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.13	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.13	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.12	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.12	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.12	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.12	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.12	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.12	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.12	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.12	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.12	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 16AP: PDA-16A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 16BI: PDA-16B (impervious)

Runoff = 8.29 cfs @ 12.17 hrs, Volume= 0.739 af, Depth=10.80"
 Routed to Pond B-16B : Basin #16B

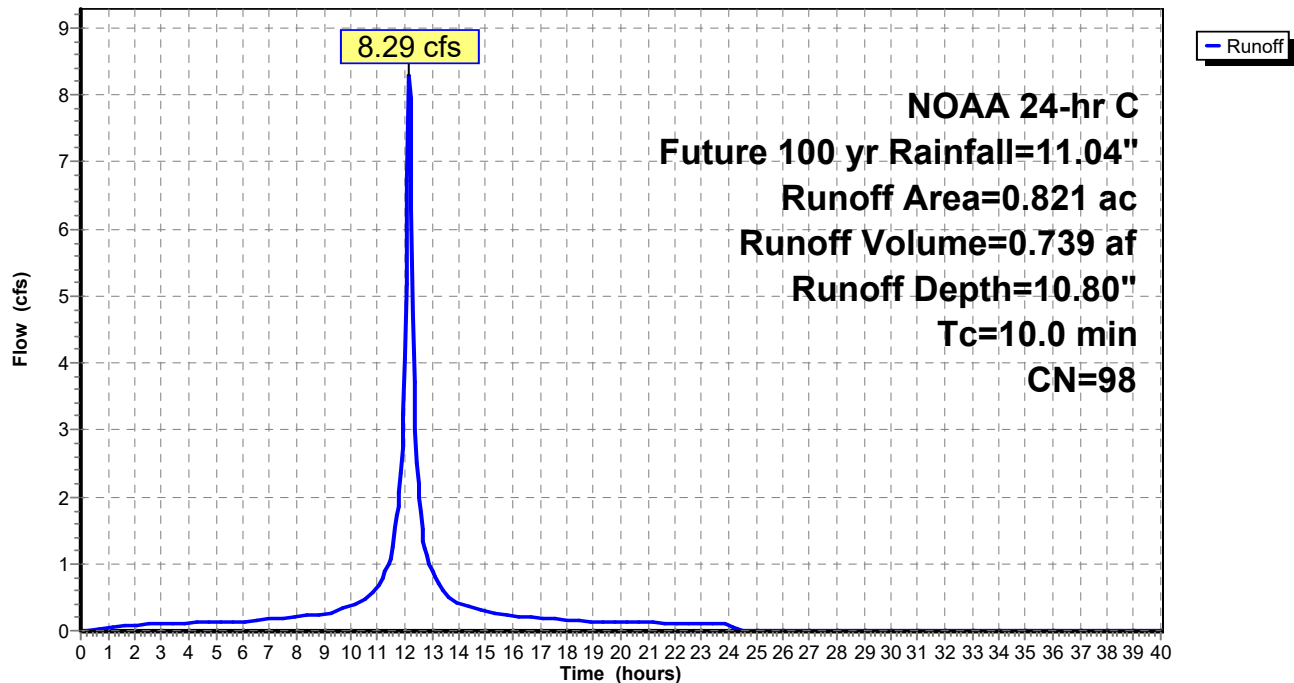
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.621	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.136	98	Concrete, HSG C
0.821	98	Weighted Average
0.821		100.00% Impervious Area

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

Subcatchment 16BI: PDA-16B (impervious)

Hydrograph



Hydrograph for Subcatchment 16BI: PDA-16B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.10
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.10
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.10
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.11
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.11
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.11
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.11
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.11
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.11
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.12
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.12
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.12
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.12
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.12
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.12
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.12
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.12
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.13
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.13
2.50	0.32	0.16	0.09	5.10	0.72	0.52	0.13
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.13

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.13	7.80	1.27	1.05	0.20
5.25	0.74	0.55	0.13	7.85	1.28	1.07	0.21
5.30	0.75	0.55	0.13	7.90	1.30	1.08	0.21
5.35	0.76	0.56	0.13	7.95	1.31	1.09	0.21
5.40	0.77	0.57	0.13	8.00	1.32	1.11	0.21
5.45	0.78	0.58	0.13	8.05	1.34	1.12	0.21
5.50	0.79	0.59	0.13	8.10	1.35	1.13	0.22
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.22
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.22
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.22
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.22
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.22
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.23
5.85	0.85	0.64	0.14	8.45	1.45	1.23	0.23
5.90	0.86	0.65	0.14	8.50	1.46	1.24	0.23
5.95	0.87	0.66	0.14	8.55	1.48	1.26	0.23
6.00	0.87	0.67	0.14	8.60	1.49	1.27	0.23
6.05	0.88	0.68	0.14	8.65	1.51	1.29	0.24
6.10	0.89	0.69	0.14	8.70	1.52	1.30	0.24
6.15	0.90	0.70	0.14	8.75	1.54	1.32	0.24
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.24
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.24
6.30	0.93	0.72	0.15	8.90	1.58	1.36	0.25
6.35	0.94	0.73	0.15	8.95	1.60	1.38	0.25
6.40	0.95	0.74	0.15	9.00	1.61	1.39	0.25
6.45	0.96	0.75	0.15	9.05	1.63	1.41	0.25
6.50	0.97	0.76	0.16	9.10	1.64	1.42	0.26
6.55	0.98	0.77	0.16	9.15	1.66	1.44	0.26
6.60	0.99	0.78	0.16	9.20	1.68	1.46	0.27
6.65	1.00	0.79	0.16	9.25	1.70	1.47	0.27
6.70	1.01	0.80	0.16	9.30	1.72	1.49	0.28
6.75	1.02	0.81	0.17	9.35	1.73	1.51	0.29
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.29
6.85	1.04	0.83	0.17	9.45	1.77	1.55	0.30
6.90	1.05	0.84	0.17	9.50	1.79	1.57	0.31
6.95	1.07	0.85	0.17	9.55	1.81	1.59	0.31
7.00	1.08	0.87	0.17	9.60	1.83	1.61	0.32
7.05	1.09	0.88	0.18	9.65	1.85	1.63	0.33
7.10	1.10	0.89	0.18	9.70	1.88	1.65	0.33
7.15	1.11	0.90	0.18	9.75	1.90	1.67	0.34
7.20	1.12	0.91	0.18	9.80	1.92	1.69	0.35
7.25	1.13	0.92	0.18	9.85	1.94	1.72	0.35
7.30	1.15	0.93	0.19	9.90	1.97	1.74	0.36
7.35	1.16	0.94	0.19	9.95	1.99	1.76	0.37
7.40	1.17	0.96	0.19	10.00	2.01	1.79	0.38
7.45	1.18	0.97	0.19	10.05	2.04	1.81	0.38
7.50	1.19	0.98	0.19	10.10	2.06	1.84	0.39
7.55	1.21	0.99	0.20	10.15	2.09	1.86	0.40
7.60	1.22	1.00	0.20	10.20	2.11	1.89	0.40
7.65	1.23	1.02	0.20	10.25	2.14	1.91	0.41
7.70	1.24	1.03	0.20	10.30	2.17	1.94	0.42
7.75	1.26	1.04	0.20	10.35	2.19	1.97	0.42

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.43	13.00	8.39	8.15	0.93
10.45	2.25	2.02	0.44	13.05	8.43	8.19	0.88
10.50	2.28	2.05	0.44	13.10	8.48	8.24	0.83
10.55	2.31	2.08	0.45	13.15	8.52	8.28	0.78
10.60	2.34	2.11	0.47	13.20	8.56	8.32	0.74
10.65	2.37	2.14	0.49	13.25	8.60	8.36	0.71
10.70	2.41	2.18	0.51	13.30	8.63	8.39	0.68
10.75	2.44	2.21	0.54	13.35	8.67	8.43	0.65
10.80	2.48	2.25	0.56	13.40	8.70	8.46	0.62
10.85	2.52	2.29	0.59	13.45	8.73	8.49	0.60
10.90	2.56	2.33	0.61	13.50	8.76	8.52	0.57
10.95	2.61	2.38	0.64	13.55	8.79	8.55	0.54
11.00	2.65	2.42	0.67	13.60	8.82	8.58	0.52
11.05	2.70	2.47	0.69	13.65	8.85	8.61	0.49
11.10	2.75	2.52	0.73	13.70	8.87	8.63	0.47
11.15	2.80	2.57	0.77	13.75	8.90	8.66	0.46
11.20	2.86	2.63	0.82	13.80	8.93	8.69	0.45
11.25	2.92	2.69	0.86	13.85	8.95	8.71	0.44
11.30	2.98	2.75	0.91	13.90	8.98	8.74	0.44
11.35	3.05	2.82	0.96	13.95	9.00	8.76	0.43
11.40	3.12	2.89	1.01	14.00	9.03	8.79	0.42
11.45	3.19	2.96	1.06	14.05	9.05	8.81	0.41
11.50	3.26	3.03	1.10	14.10	9.07	8.83	0.41
11.55	3.37	3.14	1.17	14.15	9.10	8.86	0.40
11.60	3.49	3.25	1.32	14.20	9.12	8.88	0.39
11.65	3.60	3.37	1.54	14.25	9.14	8.90	0.39
11.70	3.72	3.49	1.72	14.30	9.16	8.92	0.38
11.75	3.88	3.65	1.85	14.35	9.19	8.95	0.37
11.80	4.04	3.81	2.05	14.40	9.21	8.97	0.37
11.85	4.27	4.03	2.34	14.45	9.23	8.99	0.36
11.90	4.49	4.25	2.73	14.50	9.25	9.01	0.35
11.95	4.88	4.64	3.25	14.55	9.27	9.03	0.35
12.00	5.26	5.02	4.07	14.60	9.29	9.05	0.34
12.05	5.91	5.67	5.18	14.65	9.31	9.07	0.33
12.10	6.55	6.31	6.72	14.70	9.32	9.08	0.33
12.15	6.77	6.53	8.18	14.75	9.34	9.10	0.32
12.20	7.00	6.76	7.95	14.80	9.36	9.12	0.31
12.25	7.16	6.92	6.30	14.85	9.38	9.14	0.30
12.30	7.32	7.08	4.74	14.90	9.40	9.15	0.30
12.35	7.44	7.20	3.72	14.95	9.41	9.17	0.29
12.40	7.55	7.31	3.01	15.00	9.43	9.19	0.28
12.45	7.67	7.43	2.51	15.05	9.44	9.20	0.28
12.50	7.78	7.54	2.20	15.10	9.46	9.22	0.27
12.55	7.85	7.61	2.00	15.15	9.47	9.23	0.26
12.60	7.92	7.68	1.77	15.20	9.49	9.25	0.26
12.65	7.99	7.75	1.52	15.25	9.50	9.26	0.26
12.70	8.06	7.82	1.33	15.30	9.52	9.28	0.25
12.75	8.12	7.88	1.22	15.35	9.53	9.29	0.25
12.80	8.18	7.94	1.14	15.40	9.55	9.31	0.25
12.85	8.24	8.00	1.08	15.45	9.56	9.32	0.25
12.90	8.29	8.05	1.03	15.50	9.58	9.34	0.25
12.95	8.34	8.10	0.98	15.55	9.59	9.35	0.24

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.24	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.24	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.24	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.24	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.23	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.23	18.45	10.24	10.00	0.14
15.90	9.69	9.45	0.23	18.50	10.25	10.01	0.14
15.95	9.70	9.46	0.23	18.55	10.26	10.02	0.14
16.00	9.72	9.48	0.23	18.60	10.27	10.03	0.14
16.05	9.73	9.49	0.23	18.65	10.28	10.04	0.14
16.10	9.74	9.50	0.22	18.70	10.29	10.05	0.14
16.15	9.76	9.52	0.22	18.75	10.30	10.05	0.14
16.20	9.77	9.53	0.22	18.80	10.30	10.06	0.14
16.25	9.78	9.54	0.22	18.85	10.31	10.07	0.14
16.30	9.80	9.55	0.22	18.90	10.32	10.08	0.14
16.35	9.81	9.57	0.21	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.21	19.00	10.34	10.10	0.14
16.45	9.83	9.59	0.21	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.21	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.21	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.20	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.20	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.20	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.20	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.20	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.19	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.19	19.55	10.43	10.19	0.13
17.00	9.96	9.72	0.19	19.60	10.44	10.20	0.13
17.05	9.97	9.73	0.19	19.65	10.44	10.20	0.13
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.13
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.13
17.20	10.01	9.77	0.18	19.80	10.47	10.23	0.13
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.13
17.30	10.03	9.79	0.18	19.90	10.48	10.24	0.13
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.13
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.17	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.17	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.17	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.17	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.16	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.15	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.12
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.12

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.12	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.12	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.12	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.12	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.12	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.08
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.11	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.11	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.11	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.11	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.11	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.11	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.11	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.10	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.10	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.10	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.10	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.10	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.10	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 16BI: PDA-16B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 16BP: PDA-16B (pervious)

Runoff = 8.81 cfs @ 12.17 hrs, Volume= 0.679 af, Depth= 7.72"
 Routed to Pond B-16B : Basin #16B

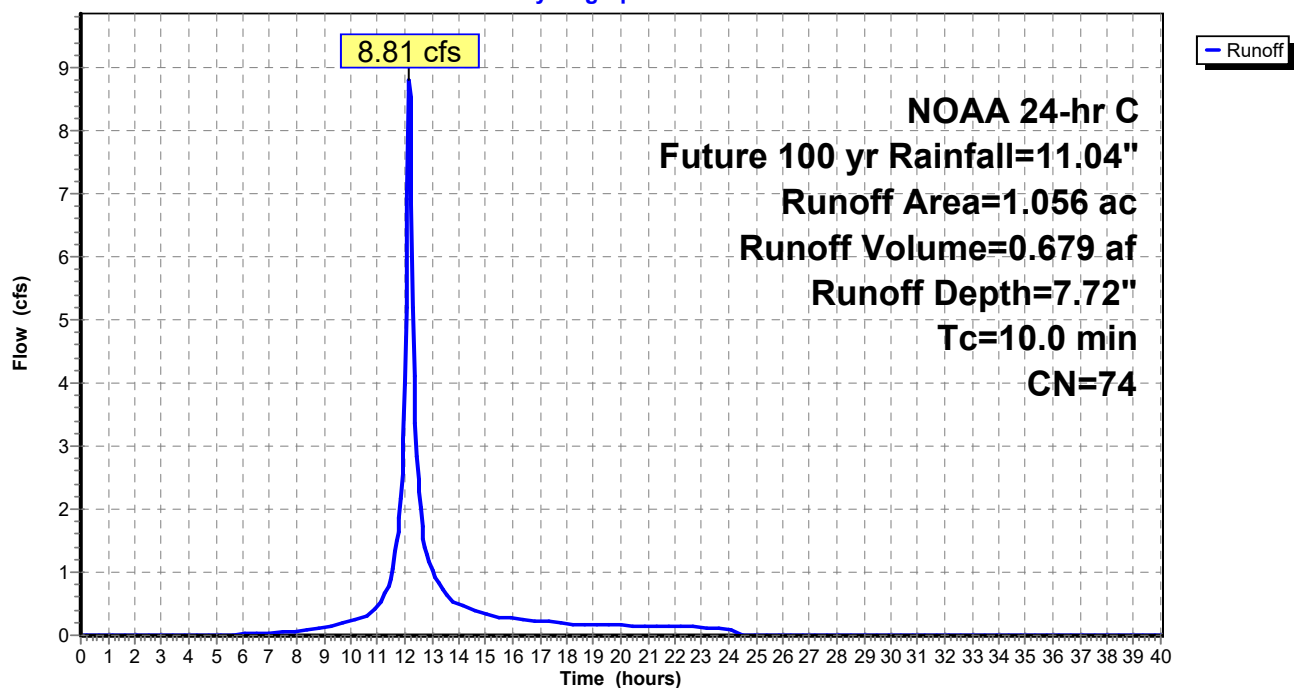
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.056	74	>75% Grass cover, Good, HSG C
1.056		100.00% Pervious Area

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

Subcatchment 16BP: PDA-16B (pervious)

Hydrograph



Hydrograph for Subcatchment 16BP: PDA-16B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.07
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.08
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.08
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.08
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.09
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.09
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.09
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.09
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.10
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.10
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.10
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.10
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.11
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.11
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.11
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.11
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.12
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.12
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.12
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.13
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.13
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.13
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.14
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.14
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.15
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.16
6.90	1.05	0.03	0.04	9.50	1.79	0.26	0.16
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.17
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.17
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.18
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.18
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.19
7.20	1.12	0.04	0.05	9.80	1.92	0.31	0.20
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.20
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.21
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.21
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.22
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.23
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.23
7.55	1.21	0.06	0.06	10.15	2.09	0.39	0.24
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.25
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.26
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.26
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.27

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.28	13.00	8.39	5.28	1.07
10.45	2.25	0.47	0.28	13.05	8.43	5.32	1.01
10.50	2.28	0.49	0.29	13.10	8.48	5.36	0.96
10.55	2.31	0.50	0.30	13.15	8.52	5.39	0.90
10.60	2.34	0.52	0.31	13.20	8.56	5.43	0.86
10.65	2.37	0.54	0.33	13.25	8.60	5.46	0.82
10.70	2.41	0.56	0.35	13.30	8.63	5.50	0.79
10.75	2.44	0.58	0.37	13.35	8.67	5.53	0.76
10.80	2.48	0.60	0.39	13.40	8.70	5.56	0.72
10.85	2.52	0.62	0.42	13.45	8.73	5.59	0.69
10.90	2.56	0.64	0.44	13.50	8.76	5.61	0.66
10.95	2.61	0.67	0.46	13.55	8.79	5.64	0.63
11.00	2.65	0.69	0.49	13.60	8.82	5.67	0.60
11.05	2.70	0.72	0.51	13.65	8.85	5.69	0.57
11.10	2.75	0.75	0.55	13.70	8.87	5.71	0.55
11.15	2.80	0.79	0.58	13.75	8.90	5.74	0.54
11.20	2.86	0.82	0.63	13.80	8.93	5.76	0.53
11.25	2.92	0.86	0.67	13.85	8.95	5.79	0.52
11.30	2.98	0.90	0.72	13.90	8.98	5.81	0.51
11.35	3.05	0.94	0.77	13.95	9.00	5.83	0.50
11.40	3.12	0.98	0.82	14.00	9.03	5.85	0.49
11.45	3.19	1.03	0.86	14.05	9.05	5.88	0.49
11.50	3.26	1.08	0.91	14.10	9.07	5.90	0.48
11.55	3.37	1.15	0.98	14.15	9.10	5.92	0.47
11.60	3.49	1.23	1.12	14.20	9.12	5.94	0.46
11.65	3.60	1.31	1.33	14.25	9.14	5.96	0.45
11.70	3.72	1.39	1.50	14.30	9.16	5.98	0.45
11.75	3.88	1.51	1.65	14.35	9.19	6.00	0.44
11.80	4.04	1.63	1.86	14.40	9.21	6.02	0.43
11.85	4.27	1.79	2.16	14.45	9.23	6.04	0.42
11.90	4.49	1.96	2.56	14.50	9.25	6.06	0.41
11.95	4.88	2.27	3.11	14.55	9.27	6.07	0.41
12.00	5.26	2.57	3.98	14.60	9.29	6.09	0.40
12.05	5.91	3.11	5.20	14.65	9.31	6.11	0.39
12.10	6.55	3.65	6.93	14.70	9.32	6.13	0.38
12.15	6.77	3.85	8.64	14.75	9.34	6.14	0.37
12.20	7.00	4.04	8.54	14.80	9.36	6.16	0.37
12.25	7.16	4.18	6.84	14.85	9.38	6.17	0.36
12.30	7.32	4.32	5.21	14.90	9.40	6.19	0.35
12.35	7.44	4.43	4.13	14.95	9.41	6.21	0.34
12.40	7.55	4.53	3.37	15.00	9.43	6.22	0.33
12.45	7.67	4.63	2.83	15.05	9.44	6.23	0.33
12.50	7.78	4.73	2.49	15.10	9.46	6.25	0.32
12.55	7.85	4.79	2.27	15.15	9.47	6.26	0.31
12.60	7.92	4.86	2.02	15.20	9.49	6.28	0.31
12.65	7.99	4.92	1.73	15.25	9.50	6.29	0.30
12.70	8.06	4.98	1.53	15.30	9.52	6.30	0.30
12.75	8.12	5.03	1.40	15.35	9.53	6.32	0.30
12.80	8.18	5.09	1.32	15.40	9.55	6.33	0.29
12.85	8.24	5.14	1.25	15.45	9.56	6.34	0.29
12.90	8.29	5.19	1.19	15.50	9.58	6.36	0.29
12.95	8.34	5.23	1.13	15.55	9.59	6.37	0.29

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.29	18.20	10.20	6.93	0.18
15.65	9.62	6.40	0.28	18.25	10.21	6.94	0.18
15.70	9.64	6.41	0.28	18.30	10.22	6.95	0.17
15.75	9.65	6.42	0.28	18.35	10.23	6.96	0.17
15.80	9.66	6.44	0.28	18.40	10.24	6.97	0.17
15.85	9.68	6.45	0.28	18.45	10.24	6.97	0.17
15.90	9.69	6.46	0.27	18.50	10.25	6.98	0.17
15.95	9.70	6.47	0.27	18.55	10.26	6.99	0.17
16.00	9.72	6.49	0.27	18.60	10.27	7.00	0.17
16.05	9.73	6.50	0.27	18.65	10.28	7.01	0.17
16.10	9.74	6.51	0.26	18.70	10.29	7.01	0.17
16.15	9.76	6.52	0.26	18.75	10.30	7.02	0.17
16.20	9.77	6.54	0.26	18.80	10.30	7.03	0.17
16.25	9.78	6.55	0.26	18.85	10.31	7.04	0.17
16.30	9.80	6.56	0.26	18.90	10.32	7.04	0.17
16.35	9.81	6.57	0.25	18.95	10.33	7.05	0.17
16.40	9.82	6.58	0.25	19.00	10.34	7.06	0.17
16.45	9.83	6.59	0.25	19.05	10.35	7.07	0.17
16.50	9.85	6.60	0.25	19.10	10.35	7.08	0.17
16.55	9.86	6.62	0.25	19.15	10.36	7.08	0.17
16.60	9.87	6.63	0.24	19.20	10.37	7.09	0.16
16.65	9.88	6.64	0.24	19.25	10.38	7.10	0.16
16.70	9.89	6.65	0.24	19.30	10.39	7.11	0.16
16.75	9.91	6.66	0.24	19.35	10.40	7.11	0.16
16.80	9.92	6.67	0.24	19.40	10.40	7.12	0.16
16.85	9.93	6.68	0.23	19.45	10.41	7.13	0.16
16.90	9.94	6.69	0.23	19.50	10.42	7.14	0.16
16.95	9.95	6.70	0.23	19.55	10.43	7.14	0.16
17.00	9.96	6.71	0.23	19.60	10.44	7.15	0.16
17.05	9.97	6.72	0.22	19.65	10.44	7.16	0.16
17.10	9.99	6.73	0.22	19.70	10.45	7.17	0.16
17.15	10.00	6.74	0.22	19.75	10.46	7.17	0.16
17.20	10.01	6.75	0.22	19.80	10.47	7.18	0.16
17.25	10.02	6.76	0.22	19.85	10.48	7.19	0.16
17.30	10.03	6.77	0.21	19.90	10.48	7.20	0.16
17.35	10.04	6.78	0.21	19.95	10.49	7.20	0.16
17.40	10.05	6.79	0.21	20.00	10.50	7.21	0.16
17.45	10.06	6.80	0.21	20.05	10.51	7.22	0.16
17.50	10.07	6.81	0.21	20.10	10.52	7.23	0.16
17.55	10.08	6.82	0.20	20.15	10.52	7.23	0.15
17.60	10.09	6.83	0.20	20.20	10.53	7.24	0.15
17.65	10.10	6.84	0.20	20.25	10.54	7.25	0.15
17.70	10.11	6.85	0.20	20.30	10.55	7.25	0.15
17.75	10.12	6.86	0.19	20.35	10.55	7.26	0.15
17.80	10.13	6.87	0.19	20.40	10.56	7.27	0.15
17.85	10.14	6.87	0.19	20.45	10.57	7.28	0.15
17.90	10.15	6.88	0.19	20.50	10.58	7.28	0.15
17.95	10.16	6.89	0.19	20.55	10.58	7.29	0.15
18.00	10.17	6.90	0.18	20.60	10.59	7.30	0.15
18.05	10.17	6.91	0.18	20.65	10.60	7.30	0.15
18.10	10.18	6.92	0.18	20.70	10.61	7.31	0.15
18.15	10.19	6.92	0.18	20.75	10.61	7.32	0.15

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.15	23.40	10.97	7.65	0.12
20.85	10.63	7.33	0.15	23.45	10.97	7.65	0.12
20.90	10.64	7.34	0.15	23.50	10.98	7.66	0.12
20.95	10.64	7.34	0.15	23.55	10.99	7.66	0.12
21.00	10.65	7.35	0.15	23.60	10.99	7.67	0.12
21.05	10.66	7.36	0.15	23.65	11.00	7.67	0.12
21.10	10.66	7.36	0.14	23.70	11.00	7.68	0.12
21.15	10.67	7.37	0.14	23.75	11.01	7.69	0.12
21.20	10.68	7.38	0.14	23.80	11.01	7.69	0.12
21.25	10.69	7.38	0.14	23.85	11.02	7.70	0.12
21.30	10.69	7.39	0.14	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.14	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.14	24.00	11.04	7.72	0.12
21.45	10.71	7.41	0.14	24.05	11.04	7.72	0.12
21.50	10.72	7.42	0.14	24.10	11.04	7.72	0.10
21.55	10.73	7.42	0.14	24.15	11.04	7.72	0.06
21.60	10.74	7.43	0.14	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.14	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.14	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.14	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.14	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.14	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.14	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.14	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.14	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.13	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.13	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.13	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.13	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.13	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.13	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.13	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.13	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.13	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.13	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.13	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.13	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.13	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.13	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.13	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.13	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.13	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.13	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.12	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.12	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.12	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.12	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.12	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.12	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.12	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.12	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 16BP: PDA-16B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 17AI: PDA-17A (impervious)

Runoff = 1.95 cfs @ 12.17 hrs, Volume= 0.174 af, Depth=10.80"
 Routed to Pond B-17A : Basin #17A

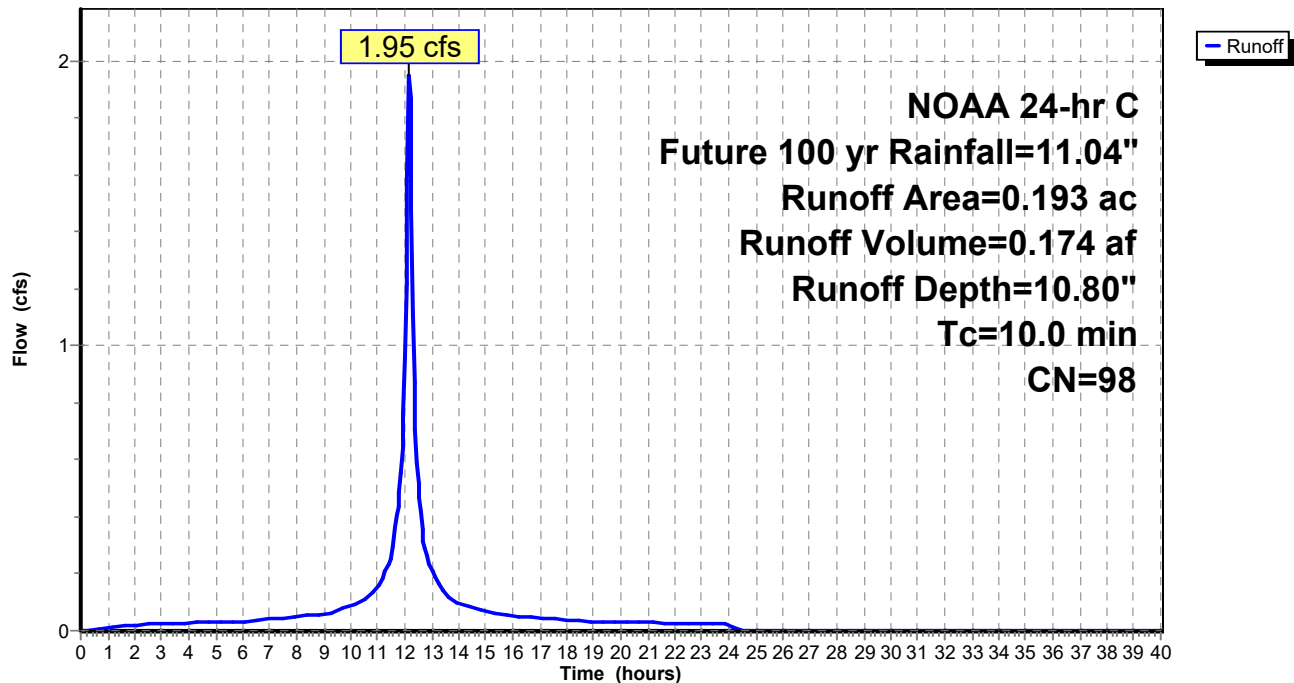
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.193	98	Roof, HSG C
0.000	98	Paved roads w/curbs & sewers, HSG C
* 0.000	98	Concrete, HSG C
0.193	98	Weighted Average
0.193		100.00% Impervious Area

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

Subcatchment 17AI: PDA-17A (impervious)

Hydrograph



Hydrograph for Subcatchment 17A1: PDA-17A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.02
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.02
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.02
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.02
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.02
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.02
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.02
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.02
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.02
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.02
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.02
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.02
0.60	0.07	0.00	0.00	3.20	0.42	0.25	0.02
0.65	0.08	0.01	0.00	3.25	0.43	0.25	0.02
0.70	0.08	0.01	0.00	3.30	0.43	0.26	0.02
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.03
0.80	0.10	0.01	0.01	3.40	0.45	0.27	0.03
0.85	0.10	0.01	0.01	3.45	0.46	0.28	0.03
0.90	0.11	0.02	0.01	3.50	0.46	0.29	0.03
0.95	0.11	0.02	0.01	3.55	0.47	0.29	0.03
1.00	0.12	0.02	0.01	3.60	0.48	0.30	0.03
1.05	0.13	0.03	0.01	3.65	0.49	0.31	0.03
1.10	0.13	0.03	0.01	3.70	0.49	0.31	0.03
1.15	0.14	0.03	0.01	3.75	0.50	0.32	0.03
1.20	0.15	0.04	0.01	3.80	0.51	0.33	0.03
1.25	0.15	0.04	0.01	3.85	0.52	0.33	0.03
1.30	0.16	0.04	0.01	3.90	0.52	0.34	0.03
1.35	0.16	0.05	0.01	3.95	0.53	0.35	0.03
1.40	0.17	0.05	0.01	4.00	0.54	0.35	0.03
1.45	0.18	0.05	0.01	4.05	0.55	0.36	0.03
1.50	0.18	0.06	0.02	4.10	0.56	0.37	0.03
1.55	0.19	0.06	0.02	4.15	0.56	0.38	0.03
1.60	0.20	0.07	0.02	4.20	0.57	0.38	0.03
1.65	0.20	0.07	0.02	4.25	0.58	0.39	0.03
1.70	0.21	0.08	0.02	4.30	0.59	0.40	0.03
1.75	0.22	0.08	0.02	4.35	0.60	0.41	0.03
1.80	0.22	0.09	0.02	4.40	0.60	0.41	0.03
1.85	0.23	0.09	0.02	4.45	0.61	0.42	0.03
1.90	0.24	0.10	0.02	4.50	0.62	0.43	0.03
1.95	0.24	0.10	0.02	4.55	0.63	0.44	0.03
2.00	0.25	0.11	0.02	4.60	0.64	0.44	0.03
2.05	0.26	0.11	0.02	4.65	0.64	0.45	0.03
2.10	0.26	0.12	0.02	4.70	0.65	0.46	0.03
2.15	0.27	0.12	0.02	4.75	0.66	0.47	0.03
2.20	0.28	0.13	0.02	4.80	0.67	0.47	0.03
2.25	0.28	0.13	0.02	4.85	0.68	0.48	0.03
2.30	0.29	0.14	0.02	4.90	0.69	0.49	0.03
2.35	0.30	0.14	0.02	4.95	0.69	0.50	0.03
2.40	0.30	0.15	0.02	5.00	0.70	0.51	0.03
2.45	0.31	0.15	0.02	5.05	0.71	0.51	0.03
2.50	0.32	0.16	0.02	5.10	0.72	0.52	0.03
2.55	0.33	0.17	0.02	5.15	0.73	0.53	0.03

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.03	7.80	1.27	1.05	0.05
5.25	0.74	0.55	0.03	7.85	1.28	1.07	0.05
5.30	0.75	0.55	0.03	7.90	1.30	1.08	0.05
5.35	0.76	0.56	0.03	7.95	1.31	1.09	0.05
5.40	0.77	0.57	0.03	8.00	1.32	1.11	0.05
5.45	0.78	0.58	0.03	8.05	1.34	1.12	0.05
5.50	0.79	0.59	0.03	8.10	1.35	1.13	0.05
5.55	0.80	0.59	0.03	8.15	1.36	1.15	0.05
5.60	0.80	0.60	0.03	8.20	1.38	1.16	0.05
5.65	0.81	0.61	0.03	8.25	1.39	1.17	0.05
5.70	0.82	0.62	0.03	8.30	1.40	1.19	0.05
5.75	0.83	0.63	0.03	8.35	1.42	1.20	0.05
5.80	0.84	0.64	0.03	8.40	1.43	1.21	0.05
5.85	0.85	0.64	0.03	8.45	1.45	1.23	0.05
5.90	0.86	0.65	0.03	8.50	1.46	1.24	0.05
5.95	0.87	0.66	0.03	8.55	1.48	1.26	0.05
6.00	0.87	0.67	0.03	8.60	1.49	1.27	0.06
6.05	0.88	0.68	0.03	8.65	1.51	1.29	0.06
6.10	0.89	0.69	0.03	8.70	1.52	1.30	0.06
6.15	0.90	0.70	0.03	8.75	1.54	1.32	0.06
6.20	0.91	0.71	0.03	8.80	1.55	1.33	0.06
6.25	0.92	0.71	0.03	8.85	1.57	1.35	0.06
6.30	0.93	0.72	0.03	8.90	1.58	1.36	0.06
6.35	0.94	0.73	0.04	8.95	1.60	1.38	0.06
6.40	0.95	0.74	0.04	9.00	1.61	1.39	0.06
6.45	0.96	0.75	0.04	9.05	1.63	1.41	0.06
6.50	0.97	0.76	0.04	9.10	1.64	1.42	0.06
6.55	0.98	0.77	0.04	9.15	1.66	1.44	0.06
6.60	0.99	0.78	0.04	9.20	1.68	1.46	0.06
6.65	1.00	0.79	0.04	9.25	1.70	1.47	0.06
6.70	1.01	0.80	0.04	9.30	1.72	1.49	0.07
6.75	1.02	0.81	0.04	9.35	1.73	1.51	0.07
6.80	1.03	0.82	0.04	9.40	1.75	1.53	0.07
6.85	1.04	0.83	0.04	9.45	1.77	1.55	0.07
6.90	1.05	0.84	0.04	9.50	1.79	1.57	0.07
6.95	1.07	0.85	0.04	9.55	1.81	1.59	0.07
7.00	1.08	0.87	0.04	9.60	1.83	1.61	0.08
7.05	1.09	0.88	0.04	9.65	1.85	1.63	0.08
7.10	1.10	0.89	0.04	9.70	1.88	1.65	0.08
7.15	1.11	0.90	0.04	9.75	1.90	1.67	0.08
7.20	1.12	0.91	0.04	9.80	1.92	1.69	0.08
7.25	1.13	0.92	0.04	9.85	1.94	1.72	0.08
7.30	1.15	0.93	0.04	9.90	1.97	1.74	0.09
7.35	1.16	0.94	0.04	9.95	1.99	1.76	0.09
7.40	1.17	0.96	0.04	10.00	2.01	1.79	0.09
7.45	1.18	0.97	0.04	10.05	2.04	1.81	0.09
7.50	1.19	0.98	0.05	10.10	2.06	1.84	0.09
7.55	1.21	0.99	0.05	10.15	2.09	1.86	0.09
7.60	1.22	1.00	0.05	10.20	2.11	1.89	0.09
7.65	1.23	1.02	0.05	10.25	2.14	1.91	0.10
7.70	1.24	1.03	0.05	10.30	2.17	1.94	0.10
7.75	1.26	1.04	0.05	10.35	2.19	1.97	0.10

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.10	13.00	8.39	8.15	0.22
10.45	2.25	2.02	0.10	13.05	8.43	8.19	0.21
10.50	2.28	2.05	0.10	13.10	8.48	8.24	0.19
10.55	2.31	2.08	0.11	13.15	8.52	8.28	0.18
10.60	2.34	2.11	0.11	13.20	8.56	8.32	0.17
10.65	2.37	2.14	0.11	13.25	8.60	8.36	0.17
10.70	2.41	2.18	0.12	13.30	8.63	8.39	0.16
10.75	2.44	2.21	0.13	13.35	8.67	8.43	0.15
10.80	2.48	2.25	0.13	13.40	8.70	8.46	0.15
10.85	2.52	2.29	0.14	13.45	8.73	8.49	0.14
10.90	2.56	2.33	0.14	13.50	8.76	8.52	0.13
10.95	2.61	2.38	0.15	13.55	8.79	8.55	0.13
11.00	2.65	2.42	0.16	13.60	8.82	8.58	0.12
11.05	2.70	2.47	0.16	13.65	8.85	8.61	0.12
11.10	2.75	2.52	0.17	13.70	8.87	8.63	0.11
11.15	2.80	2.57	0.18	13.75	8.90	8.66	0.11
11.20	2.86	2.63	0.19	13.80	8.93	8.69	0.11
11.25	2.92	2.69	0.20	13.85	8.95	8.71	0.10
11.30	2.98	2.75	0.21	13.90	8.98	8.74	0.10
11.35	3.05	2.82	0.23	13.95	9.00	8.76	0.10
11.40	3.12	2.89	0.24	14.00	9.03	8.79	0.10
11.45	3.19	2.96	0.25	14.05	9.05	8.81	0.10
11.50	3.26	3.03	0.26	14.10	9.07	8.83	0.10
11.55	3.37	3.14	0.27	14.15	9.10	8.86	0.09
11.60	3.49	3.25	0.31	14.20	9.12	8.88	0.09
11.65	3.60	3.37	0.36	14.25	9.14	8.90	0.09
11.70	3.72	3.49	0.40	14.30	9.16	8.92	0.09
11.75	3.88	3.65	0.44	14.35	9.19	8.95	0.09
11.80	4.04	3.81	0.48	14.40	9.21	8.97	0.09
11.85	4.27	4.03	0.55	14.45	9.23	8.99	0.08
11.90	4.49	4.25	0.64	14.50	9.25	9.01	0.08
11.95	4.88	4.64	0.76	14.55	9.27	9.03	0.08
12.00	5.26	5.02	0.96	14.60	9.29	9.05	0.08
12.05	5.91	5.67	1.22	14.65	9.31	9.07	0.08
12.10	6.55	6.31	1.58	14.70	9.32	9.08	0.08
12.15	6.77	6.53	1.92	14.75	9.34	9.10	0.07
12.20	7.00	6.76	1.87	14.80	9.36	9.12	0.07
12.25	7.16	6.92	1.48	14.85	9.38	9.14	0.07
12.30	7.32	7.08	1.11	14.90	9.40	9.15	0.07
12.35	7.44	7.20	0.87	14.95	9.41	9.17	0.07
12.40	7.55	7.31	0.71	15.00	9.43	9.19	0.07
12.45	7.67	7.43	0.59	15.05	9.44	9.20	0.07
12.50	7.78	7.54	0.52	15.10	9.46	9.22	0.06
12.55	7.85	7.61	0.47	15.15	9.47	9.23	0.06
12.60	7.92	7.68	0.42	15.20	9.49	9.25	0.06
12.65	7.99	7.75	0.36	15.25	9.50	9.26	0.06
12.70	8.06	7.82	0.31	15.30	9.52	9.28	0.06
12.75	8.12	7.88	0.29	15.35	9.53	9.29	0.06
12.80	8.18	7.94	0.27	15.40	9.55	9.31	0.06
12.85	8.24	8.00	0.25	15.45	9.56	9.32	0.06
12.90	8.29	8.05	0.24	15.50	9.58	9.34	0.06
12.95	8.34	8.10	0.23	15.55	9.59	9.35	0.06

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.06	18.20	10.20	9.96	0.03
15.65	9.62	9.38	0.06	18.25	10.21	9.97	0.03
15.70	9.64	9.39	0.06	18.30	10.22	9.98	0.03
15.75	9.65	9.41	0.06	18.35	10.23	9.99	0.03
15.80	9.66	9.42	0.06	18.40	10.24	9.99	0.03
15.85	9.68	9.44	0.05	18.45	10.24	10.00	0.03
15.90	9.69	9.45	0.05	18.50	10.25	10.01	0.03
15.95	9.70	9.46	0.05	18.55	10.26	10.02	0.03
16.00	9.72	9.48	0.05	18.60	10.27	10.03	0.03
16.05	9.73	9.49	0.05	18.65	10.28	10.04	0.03
16.10	9.74	9.50	0.05	18.70	10.29	10.05	0.03
16.15	9.76	9.52	0.05	18.75	10.30	10.05	0.03
16.20	9.77	9.53	0.05	18.80	10.30	10.06	0.03
16.25	9.78	9.54	0.05	18.85	10.31	10.07	0.03
16.30	9.80	9.55	0.05	18.90	10.32	10.08	0.03
16.35	9.81	9.57	0.05	18.95	10.33	10.09	0.03
16.40	9.82	9.58	0.05	19.00	10.34	10.10	0.03
16.45	9.83	9.59	0.05	19.05	10.35	10.11	0.03
16.50	9.85	9.60	0.05	19.10	10.35	10.11	0.03
16.55	9.86	9.62	0.05	19.15	10.36	10.12	0.03
16.60	9.87	9.63	0.05	19.20	10.37	10.13	0.03
16.65	9.88	9.64	0.05	19.25	10.38	10.14	0.03
16.70	9.89	9.65	0.05	19.30	10.39	10.15	0.03
16.75	9.91	9.66	0.05	19.35	10.40	10.15	0.03
16.80	9.92	9.68	0.05	19.40	10.40	10.16	0.03
16.85	9.93	9.69	0.05	19.45	10.41	10.17	0.03
16.90	9.94	9.70	0.05	19.50	10.42	10.18	0.03
16.95	9.95	9.71	0.05	19.55	10.43	10.19	0.03
17.00	9.96	9.72	0.04	19.60	10.44	10.20	0.03
17.05	9.97	9.73	0.04	19.65	10.44	10.20	0.03
17.10	9.99	9.74	0.04	19.70	10.45	10.21	0.03
17.15	10.00	9.76	0.04	19.75	10.46	10.22	0.03
17.20	10.01	9.77	0.04	19.80	10.47	10.23	0.03
17.25	10.02	9.78	0.04	19.85	10.48	10.24	0.03
17.30	10.03	9.79	0.04	19.90	10.48	10.24	0.03
17.35	10.04	9.80	0.04	19.95	10.49	10.25	0.03
17.40	10.05	9.81	0.04	20.00	10.50	10.26	0.03
17.45	10.06	9.82	0.04	20.05	10.51	10.27	0.03
17.50	10.07	9.83	0.04	20.10	10.52	10.27	0.03
17.55	10.08	9.84	0.04	20.15	10.52	10.28	0.03
17.60	10.09	9.85	0.04	20.20	10.53	10.29	0.03
17.65	10.10	9.86	0.04	20.25	10.54	10.30	0.03
17.70	10.11	9.87	0.04	20.30	10.55	10.31	0.03
17.75	10.12	9.88	0.04	20.35	10.55	10.31	0.03
17.80	10.13	9.89	0.04	20.40	10.56	10.32	0.03
17.85	10.14	9.90	0.04	20.45	10.57	10.33	0.03
17.90	10.15	9.91	0.04	20.50	10.58	10.34	0.03
17.95	10.16	9.92	0.04	20.55	10.58	10.34	0.03
18.00	10.17	9.92	0.04	20.60	10.59	10.35	0.03
18.05	10.17	9.93	0.04	20.65	10.60	10.36	0.03
18.10	10.18	9.94	0.04	20.70	10.61	10.37	0.03
18.15	10.19	9.95	0.04	20.75	10.61	10.37	0.03

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.03	23.40	10.97	10.73	0.02
20.85	10.63	10.39	0.03	23.45	10.97	10.73	0.02
20.90	10.64	10.39	0.03	23.50	10.98	10.74	0.02
20.95	10.64	10.40	0.03	23.55	10.99	10.74	0.02
21.00	10.65	10.41	0.03	23.60	10.99	10.75	0.02
21.05	10.66	10.42	0.03	23.65	11.00	10.76	0.02
21.10	10.66	10.42	0.03	23.70	11.00	10.76	0.02
21.15	10.67	10.43	0.03	23.75	11.01	10.77	0.02
21.20	10.68	10.44	0.03	23.80	11.01	10.77	0.02
21.25	10.69	10.45	0.03	23.85	11.02	10.78	0.02
21.30	10.69	10.45	0.03	23.90	11.03	10.78	0.02
21.35	10.70	10.46	0.03	23.95	11.03	10.79	0.02
21.40	10.71	10.47	0.03	24.00	11.04	10.80	0.02
21.45	10.71	10.47	0.03	24.05	11.04	10.80	0.02
21.50	10.72	10.48	0.03	24.10	11.04	10.80	0.02
21.55	10.73	10.49	0.03	24.15	11.04	10.80	0.01
21.60	10.74	10.49	0.03	24.20	11.04	10.80	0.01
21.65	10.74	10.50	0.03	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.03	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.03	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.03	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.03	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.03	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.03	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.03	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.03	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.03	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.03	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.03	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.03	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.03	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.03	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.03	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.03	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.03	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.03	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.03	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.03	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.03	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.02	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.02	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.02	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.02	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.02	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.02	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.02	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.02	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.02	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.02	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.02	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.02	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.02	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 17A1: PDA-17A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 17AP: PDA-17A (pervious)

Runoff = 9.44 cfs @ 12.17 hrs, Volume= 0.727 af, Depth= 7.72"
 Routed to Pond B-17A : Basin #17A

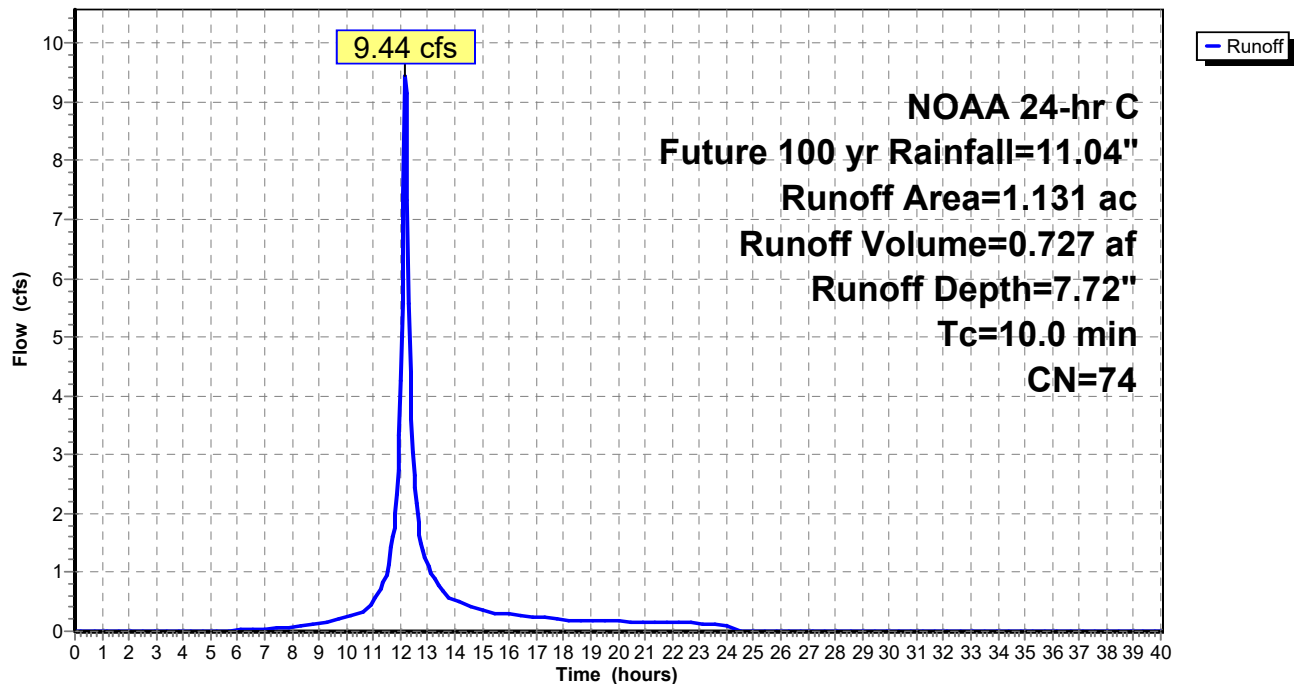
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.131	74	>75% Grass cover, Good, HSG C
1.131		100.00% Pervious Area

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

Subcatchment 17AP: PDA-17A (pervious)

Hydrograph



Hydrograph for Subcatchment 17AP: PDA-17A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.07
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.08
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.08
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.08
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.08
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.09
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.09
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.09
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.09
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.10
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.10
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.10
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.10
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.10
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.11
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.11
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.11
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.11
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.12
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.12
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.12
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.12
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.13
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.13
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.13
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.14
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.14
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.15
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.15
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.16
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.17
6.90	1.05	0.03	0.04	9.50	1.79	0.26	0.17
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.18
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.18
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.19
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.20
7.15	1.11	0.04	0.05	9.75	1.90	0.30	0.20
7.20	1.12	0.04	0.05	9.80	1.92	0.31	0.21
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.22
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.22
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.23
7.40	1.17	0.05	0.06	10.00	2.01	0.36	0.24
7.45	1.18	0.06	0.06	10.05	2.04	0.37	0.24
7.50	1.19	0.06	0.06	10.10	2.06	0.38	0.25
7.55	1.21	0.06	0.06	10.15	2.09	0.39	0.26
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.27
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.27
7.70	1.24	0.07	0.07	10.30	2.17	0.43	0.28
7.75	1.26	0.08	0.07	10.35	2.19	0.44	0.29

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.30	13.00	8.39	5.28	1.15
10.45	2.25	0.47	0.30	13.05	8.43	5.32	1.09
10.50	2.28	0.49	0.31	13.10	8.48	5.36	1.03
10.55	2.31	0.50	0.32	13.15	8.52	5.39	0.97
10.60	2.34	0.52	0.34	13.20	8.56	5.43	0.92
10.65	2.37	0.54	0.35	13.25	8.60	5.46	0.88
10.70	2.41	0.56	0.37	13.30	8.63	5.50	0.84
10.75	2.44	0.58	0.40	13.35	8.67	5.53	0.81
10.80	2.48	0.60	0.42	13.40	8.70	5.56	0.78
10.85	2.52	0.62	0.44	13.45	8.73	5.59	0.74
10.90	2.56	0.64	0.47	13.50	8.76	5.61	0.71
10.95	2.61	0.67	0.50	13.55	8.79	5.64	0.68
11.00	2.65	0.69	0.52	13.60	8.82	5.67	0.65
11.05	2.70	0.72	0.55	13.65	8.85	5.69	0.62
11.10	2.75	0.75	0.58	13.70	8.87	5.71	0.59
11.15	2.80	0.79	0.63	13.75	8.90	5.74	0.58
11.20	2.86	0.82	0.67	13.80	8.93	5.76	0.56
11.25	2.92	0.86	0.72	13.85	8.95	5.79	0.55
11.30	2.98	0.90	0.77	13.90	8.98	5.81	0.55
11.35	3.05	0.94	0.82	13.95	9.00	5.83	0.54
11.40	3.12	0.98	0.87	14.00	9.03	5.85	0.53
11.45	3.19	1.03	0.93	14.05	9.05	5.88	0.52
11.50	3.26	1.08	0.98	14.10	9.07	5.90	0.51
11.55	3.37	1.15	1.05	14.15	9.10	5.92	0.50
11.60	3.49	1.23	1.20	14.20	9.12	5.94	0.49
11.65	3.60	1.31	1.42	14.25	9.14	5.96	0.49
11.70	3.72	1.39	1.61	14.30	9.16	5.98	0.48
11.75	3.88	1.51	1.76	14.35	9.19	6.00	0.47
11.80	4.04	1.63	1.99	14.40	9.21	6.02	0.46
11.85	4.27	1.79	2.31	14.45	9.23	6.04	0.45
11.90	4.49	1.96	2.75	14.50	9.25	6.06	0.44
11.95	4.88	2.27	3.33	14.55	9.27	6.07	0.44
12.00	5.26	2.57	4.27	14.60	9.29	6.09	0.43
12.05	5.91	3.11	5.57	14.65	9.31	6.11	0.42
12.10	6.55	3.65	7.42	14.70	9.32	6.13	0.41
12.15	6.77	3.85	9.25	14.75	9.34	6.14	0.40
12.20	7.00	4.04	9.14	14.80	9.36	6.16	0.39
12.25	7.16	4.18	7.33	14.85	9.38	6.17	0.39
12.30	7.32	4.32	5.58	14.90	9.40	6.19	0.38
12.35	7.44	4.43	4.42	14.95	9.41	6.21	0.37
12.40	7.55	4.53	3.61	15.00	9.43	6.22	0.36
12.45	7.67	4.63	3.03	15.05	9.44	6.23	0.35
12.50	7.78	4.73	2.66	15.10	9.46	6.25	0.34
12.55	7.85	4.79	2.43	15.15	9.47	6.26	0.33
12.60	7.92	4.86	2.16	15.20	9.49	6.28	0.33
12.65	7.99	4.92	1.86	15.25	9.50	6.29	0.32
12.70	8.06	4.98	1.63	15.30	9.52	6.30	0.32
12.75	8.12	5.03	1.50	15.35	9.53	6.32	0.32
12.80	8.18	5.09	1.41	15.40	9.55	6.33	0.32
12.85	8.24	5.14	1.34	15.45	9.56	6.34	0.31
12.90	8.29	5.19	1.27	15.50	9.58	6.36	0.31
12.95	8.34	5.23	1.21	15.55	9.59	6.37	0.31

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.31	18.20	10.20	6.93	0.19
15.65	9.62	6.40	0.30	18.25	10.21	6.94	0.19
15.70	9.64	6.41	0.30	18.30	10.22	6.95	0.19
15.75	9.65	6.42	0.30	18.35	10.23	6.96	0.19
15.80	9.66	6.44	0.30	18.40	10.24	6.97	0.19
15.85	9.68	6.45	0.29	18.45	10.24	6.97	0.19
15.90	9.69	6.46	0.29	18.50	10.25	6.98	0.18
15.95	9.70	6.47	0.29	18.55	10.26	6.99	0.18
16.00	9.72	6.49	0.29	18.60	10.27	7.00	0.18
16.05	9.73	6.50	0.29	18.65	10.28	7.01	0.18
16.10	9.74	6.51	0.28	18.70	10.29	7.01	0.18
16.15	9.76	6.52	0.28	18.75	10.30	7.02	0.18
16.20	9.77	6.54	0.28	18.80	10.30	7.03	0.18
16.25	9.78	6.55	0.28	18.85	10.31	7.04	0.18
16.30	9.80	6.56	0.27	18.90	10.32	7.04	0.18
16.35	9.81	6.57	0.27	18.95	10.33	7.05	0.18
16.40	9.82	6.58	0.27	19.00	10.34	7.06	0.18
16.45	9.83	6.59	0.27	19.05	10.35	7.07	0.18
16.50	9.85	6.60	0.27	19.10	10.35	7.08	0.18
16.55	9.86	6.62	0.26	19.15	10.36	7.08	0.18
16.60	9.87	6.63	0.26	19.20	10.37	7.09	0.18
16.65	9.88	6.64	0.26	19.25	10.38	7.10	0.18
16.70	9.89	6.65	0.26	19.30	10.39	7.11	0.18
16.75	9.91	6.66	0.25	19.35	10.40	7.11	0.17
16.80	9.92	6.67	0.25	19.40	10.40	7.12	0.17
16.85	9.93	6.68	0.25	19.45	10.41	7.13	0.17
16.90	9.94	6.69	0.25	19.50	10.42	7.14	0.17
16.95	9.95	6.70	0.25	19.55	10.43	7.14	0.17
17.00	9.96	6.71	0.24	19.60	10.44	7.15	0.17
17.05	9.97	6.72	0.24	19.65	10.44	7.16	0.17
17.10	9.99	6.73	0.24	19.70	10.45	7.17	0.17
17.15	10.00	6.74	0.24	19.75	10.46	7.17	0.17
17.20	10.01	6.75	0.23	19.80	10.47	7.18	0.17
17.25	10.02	6.76	0.23	19.85	10.48	7.19	0.17
17.30	10.03	6.77	0.23	19.90	10.48	7.20	0.17
17.35	10.04	6.78	0.23	19.95	10.49	7.20	0.17
17.40	10.05	6.79	0.22	20.00	10.50	7.21	0.17
17.45	10.06	6.80	0.22	20.05	10.51	7.22	0.17
17.50	10.07	6.81	0.22	20.10	10.52	7.23	0.17
17.55	10.08	6.82	0.22	20.15	10.52	7.23	0.17
17.60	10.09	6.83	0.22	20.20	10.53	7.24	0.17
17.65	10.10	6.84	0.21	20.25	10.54	7.25	0.16
17.70	10.11	6.85	0.21	20.30	10.55	7.25	0.16
17.75	10.12	6.86	0.21	20.35	10.55	7.26	0.16
17.80	10.13	6.87	0.21	20.40	10.56	7.27	0.16
17.85	10.14	6.87	0.20	20.45	10.57	7.28	0.16
17.90	10.15	6.88	0.20	20.50	10.58	7.28	0.16
17.95	10.16	6.89	0.20	20.55	10.58	7.29	0.16
18.00	10.17	6.90	0.20	20.60	10.59	7.30	0.16
18.05	10.17	6.91	0.20	20.65	10.60	7.30	0.16
18.10	10.18	6.92	0.19	20.70	10.61	7.31	0.16
18.15	10.19	6.92	0.19	20.75	10.61	7.32	0.16

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.16	23.40	10.97	7.65	0.13
20.85	10.63	7.33	0.16	23.45	10.97	7.65	0.13
20.90	10.64	7.34	0.16	23.50	10.98	7.66	0.13
20.95	10.64	7.34	0.16	23.55	10.99	7.66	0.13
21.00	10.65	7.35	0.16	23.60	10.99	7.67	0.13
21.05	10.66	7.36	0.16	23.65	11.00	7.67	0.13
21.10	10.66	7.36	0.15	23.70	11.00	7.68	0.13
21.15	10.67	7.37	0.15	23.75	11.01	7.69	0.12
21.20	10.68	7.38	0.15	23.80	11.01	7.69	0.12
21.25	10.69	7.38	0.15	23.85	11.02	7.70	0.12
21.30	10.69	7.39	0.15	23.90	11.03	7.70	0.12
21.35	10.70	7.40	0.15	23.95	11.03	7.71	0.12
21.40	10.71	7.40	0.15	24.00	11.04	7.72	0.13
21.45	10.71	7.41	0.15	24.05	11.04	7.72	0.13
21.50	10.72	7.42	0.15	24.10	11.04	7.72	0.11
21.55	10.73	7.42	0.15	24.15	11.04	7.72	0.06
21.60	10.74	7.43	0.15	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.15	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.15	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.15	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.15	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.15	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.15	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.15	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.14	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.14	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.14	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.14	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.14	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.14	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.14	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.14	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.14	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.14	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.14	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.14	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.14	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.14	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.14	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.14	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.14	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.13	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.13	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.13	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.13	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.13	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.13	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.13	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.13	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.13	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.13	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.13	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 17AP: PDA-17A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 17BI: PDA-17B (impervious)

Runoff = 5.19 cfs @ 12.17 hrs, Volume= 0.463 af, Depth=10.80"
 Routed to Pond B-17B : Basin #17B

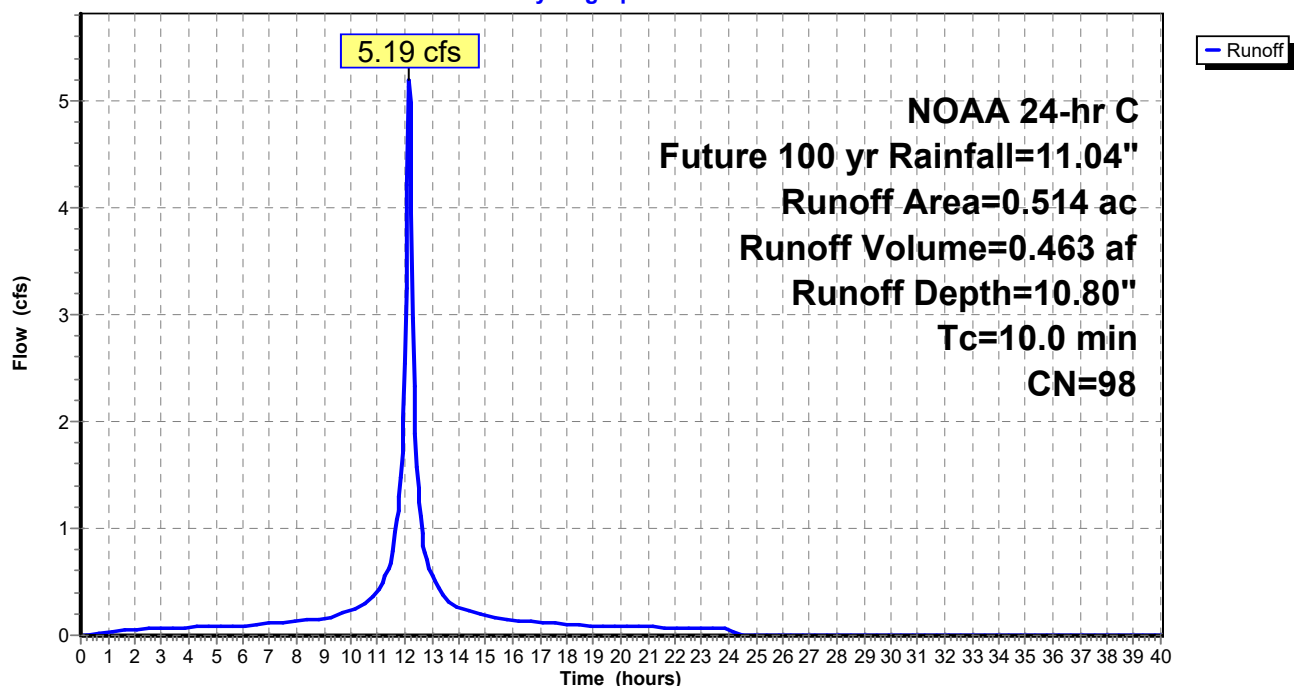
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.514	98	Roof, HSG C
0.514		100.00% Impervious Area

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

Subcatchment 17BI: PDA-17B (impervious)

Hydrograph



Hydrograph for Subcatchment 17BI: PDA-17B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.06
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.06
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.06
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.06
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.06
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.06
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.06
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.06
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.06
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.06
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.06
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.06
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.07
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.07
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.07
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.07
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.07
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.07
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.07
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.07
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.07
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.07
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.07
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.07
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.07
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.07
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.07
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.07
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.07
1.45	0.18	0.05	0.04	4.05	0.55	0.36	0.07
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.07
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.07
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.07
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.07
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.08
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.08
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.08
1.85	0.23	0.09	0.05	4.45	0.61	0.42	0.08
1.90	0.24	0.10	0.05	4.50	0.62	0.43	0.08
1.95	0.24	0.10	0.05	4.55	0.63	0.44	0.08
2.00	0.25	0.11	0.05	4.60	0.64	0.44	0.08
2.05	0.26	0.11	0.05	4.65	0.64	0.45	0.08
2.10	0.26	0.12	0.05	4.70	0.65	0.46	0.08
2.15	0.27	0.12	0.05	4.75	0.66	0.47	0.08
2.20	0.28	0.13	0.05	4.80	0.67	0.47	0.08
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.08
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.08
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.08
2.40	0.30	0.15	0.06	5.00	0.70	0.51	0.08
2.45	0.31	0.15	0.06	5.05	0.71	0.51	0.08
2.50	0.32	0.16	0.06	5.10	0.72	0.52	0.08
2.55	0.33	0.17	0.06	5.15	0.73	0.53	0.08

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.08	7.80	1.27	1.05	0.13
5.25	0.74	0.55	0.08	7.85	1.28	1.07	0.13
5.30	0.75	0.55	0.08	7.90	1.30	1.08	0.13
5.35	0.76	0.56	0.08	7.95	1.31	1.09	0.13
5.40	0.77	0.57	0.08	8.00	1.32	1.11	0.13
5.45	0.78	0.58	0.08	8.05	1.34	1.12	0.13
5.50	0.79	0.59	0.08	8.10	1.35	1.13	0.13
5.55	0.80	0.59	0.08	8.15	1.36	1.15	0.14
5.60	0.80	0.60	0.09	8.20	1.38	1.16	0.14
5.65	0.81	0.61	0.09	8.25	1.39	1.17	0.14
5.70	0.82	0.62	0.09	8.30	1.40	1.19	0.14
5.75	0.83	0.63	0.09	8.35	1.42	1.20	0.14
5.80	0.84	0.64	0.09	8.40	1.43	1.21	0.14
5.85	0.85	0.64	0.09	8.45	1.45	1.23	0.14
5.90	0.86	0.65	0.09	8.50	1.46	1.24	0.14
5.95	0.87	0.66	0.09	8.55	1.48	1.26	0.15
6.00	0.87	0.67	0.09	8.60	1.49	1.27	0.15
6.05	0.88	0.68	0.09	8.65	1.51	1.29	0.15
6.10	0.89	0.69	0.09	8.70	1.52	1.30	0.15
6.15	0.90	0.70	0.09	8.75	1.54	1.32	0.15
6.20	0.91	0.71	0.09	8.80	1.55	1.33	0.15
6.25	0.92	0.71	0.09	8.85	1.57	1.35	0.15
6.30	0.93	0.72	0.09	8.90	1.58	1.36	0.15
6.35	0.94	0.73	0.09	8.95	1.60	1.38	0.15
6.40	0.95	0.74	0.10	9.00	1.61	1.39	0.16
6.45	0.96	0.75	0.10	9.05	1.63	1.41	0.16
6.50	0.97	0.76	0.10	9.10	1.64	1.42	0.16
6.55	0.98	0.77	0.10	9.15	1.66	1.44	0.16
6.60	0.99	0.78	0.10	9.20	1.68	1.46	0.17
6.65	1.00	0.79	0.10	9.25	1.70	1.47	0.17
6.70	1.01	0.80	0.10	9.30	1.72	1.49	0.18
6.75	1.02	0.81	0.10	9.35	1.73	1.51	0.18
6.80	1.03	0.82	0.10	9.40	1.75	1.53	0.18
6.85	1.04	0.83	0.11	9.45	1.77	1.55	0.19
6.90	1.05	0.84	0.11	9.50	1.79	1.57	0.19
6.95	1.07	0.85	0.11	9.55	1.81	1.59	0.20
7.00	1.08	0.87	0.11	9.60	1.83	1.61	0.20
7.05	1.09	0.88	0.11	9.65	1.85	1.63	0.21
7.10	1.10	0.89	0.11	9.70	1.88	1.65	0.21
7.15	1.11	0.90	0.11	9.75	1.90	1.67	0.21
7.20	1.12	0.91	0.11	9.80	1.92	1.69	0.22
7.25	1.13	0.92	0.12	9.85	1.94	1.72	0.22
7.30	1.15	0.93	0.12	9.90	1.97	1.74	0.23
7.35	1.16	0.94	0.12	9.95	1.99	1.76	0.23
7.40	1.17	0.96	0.12	10.00	2.01	1.79	0.24
7.45	1.18	0.97	0.12	10.05	2.04	1.81	0.24
7.50	1.19	0.98	0.12	10.10	2.06	1.84	0.24
7.55	1.21	0.99	0.12	10.15	2.09	1.86	0.25
7.60	1.22	1.00	0.12	10.20	2.11	1.89	0.25
7.65	1.23	1.02	0.12	10.25	2.14	1.91	0.26
7.70	1.24	1.03	0.13	10.30	2.17	1.94	0.26
7.75	1.26	1.04	0.13	10.35	2.19	1.97	0.27

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.27	13.00	8.39	8.15	0.58
10.45	2.25	2.02	0.27	13.05	8.43	8.19	0.55
10.50	2.28	2.05	0.28	13.10	8.48	8.24	0.52
10.55	2.31	2.08	0.28	13.15	8.52	8.28	0.49
10.60	2.34	2.11	0.29	13.20	8.56	8.32	0.46
10.65	2.37	2.14	0.31	13.25	8.60	8.36	0.44
10.70	2.41	2.18	0.32	13.30	8.63	8.39	0.42
10.75	2.44	2.21	0.34	13.35	8.67	8.43	0.41
10.80	2.48	2.25	0.35	13.40	8.70	8.46	0.39
10.85	2.52	2.29	0.37	13.45	8.73	8.49	0.37
10.90	2.56	2.33	0.38	13.50	8.76	8.52	0.36
10.95	2.61	2.38	0.40	13.55	8.79	8.55	0.34
11.00	2.65	2.42	0.42	13.60	8.82	8.58	0.32
11.05	2.70	2.47	0.43	13.65	8.85	8.61	0.31
11.10	2.75	2.52	0.46	13.70	8.87	8.63	0.30
11.15	2.80	2.57	0.48	13.75	8.90	8.66	0.29
11.20	2.86	2.63	0.51	13.80	8.93	8.69	0.28
11.25	2.92	2.69	0.54	13.85	8.95	8.71	0.28
11.30	2.98	2.75	0.57	13.90	8.98	8.74	0.27
11.35	3.05	2.82	0.60	13.95	9.00	8.76	0.27
11.40	3.12	2.89	0.63	14.00	9.03	8.79	0.26
11.45	3.19	2.96	0.66	14.05	9.05	8.81	0.26
11.50	3.26	3.03	0.69	14.10	9.07	8.83	0.26
11.55	3.37	3.14	0.73	14.15	9.10	8.86	0.25
11.60	3.49	3.25	0.83	14.20	9.12	8.88	0.25
11.65	3.60	3.37	0.96	14.25	9.14	8.90	0.24
11.70	3.72	3.49	1.07	14.30	9.16	8.92	0.24
11.75	3.88	3.65	1.16	14.35	9.19	8.95	0.23
11.80	4.04	3.81	1.29	14.40	9.21	8.97	0.23
11.85	4.27	4.03	1.47	14.45	9.23	8.99	0.22
11.90	4.49	4.25	1.71	14.50	9.25	9.01	0.22
11.95	4.88	4.64	2.03	14.55	9.27	9.03	0.22
12.00	5.26	5.02	2.55	14.60	9.29	9.05	0.21
12.05	5.91	5.67	3.24	14.65	9.31	9.07	0.21
12.10	6.55	6.31	4.21	14.70	9.32	9.08	0.20
12.15	6.77	6.53	5.12	14.75	9.34	9.10	0.20
12.20	7.00	6.76	4.98	14.80	9.36	9.12	0.19
12.25	7.16	6.92	3.94	14.85	9.38	9.14	0.19
12.30	7.32	7.08	2.97	14.90	9.40	9.15	0.19
12.35	7.44	7.20	2.33	14.95	9.41	9.17	0.18
12.40	7.55	7.31	1.89	15.00	9.43	9.19	0.18
12.45	7.67	7.43	1.57	15.05	9.44	9.20	0.17
12.50	7.78	7.54	1.38	15.10	9.46	9.22	0.17
12.55	7.85	7.61	1.25	15.15	9.47	9.23	0.17
12.60	7.92	7.68	1.11	15.20	9.49	9.25	0.16
12.65	7.99	7.75	0.95	15.25	9.50	9.26	0.16
12.70	8.06	7.82	0.83	15.30	9.52	9.28	0.16
12.75	8.12	7.88	0.76	15.35	9.53	9.29	0.16
12.80	8.18	7.94	0.72	15.40	9.55	9.31	0.16
12.85	8.24	8.00	0.68	15.45	9.56	9.32	0.15
12.90	8.29	8.05	0.64	15.50	9.58	9.34	0.15
12.95	8.34	8.10	0.61	15.55	9.59	9.35	0.15

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.15	18.20	10.20	9.96	0.09
15.65	9.62	9.38	0.15	18.25	10.21	9.97	0.09
15.70	9.64	9.39	0.15	18.30	10.22	9.98	0.09
15.75	9.65	9.41	0.15	18.35	10.23	9.99	0.09
15.80	9.66	9.42	0.15	18.40	10.24	9.99	0.09
15.85	9.68	9.44	0.15	18.45	10.24	10.00	0.09
15.90	9.69	9.45	0.14	18.50	10.25	10.01	0.09
15.95	9.70	9.46	0.14	18.55	10.26	10.02	0.09
16.00	9.72	9.48	0.14	18.60	10.27	10.03	0.09
16.05	9.73	9.49	0.14	18.65	10.28	10.04	0.09
16.10	9.74	9.50	0.14	18.70	10.29	10.05	0.09
16.15	9.76	9.52	0.14	18.75	10.30	10.05	0.09
16.20	9.77	9.53	0.14	18.80	10.30	10.06	0.09
16.25	9.78	9.54	0.14	18.85	10.31	10.07	0.09
16.30	9.80	9.55	0.14	18.90	10.32	10.08	0.09
16.35	9.81	9.57	0.13	18.95	10.33	10.09	0.09
16.40	9.82	9.58	0.13	19.00	10.34	10.10	0.09
16.45	9.83	9.59	0.13	19.05	10.35	10.11	0.09
16.50	9.85	9.60	0.13	19.10	10.35	10.11	0.09
16.55	9.86	9.62	0.13	19.15	10.36	10.12	0.09
16.60	9.87	9.63	0.13	19.20	10.37	10.13	0.09
16.65	9.88	9.64	0.13	19.25	10.38	10.14	0.09
16.70	9.89	9.65	0.13	19.30	10.39	10.15	0.09
16.75	9.91	9.66	0.13	19.35	10.40	10.15	0.09
16.80	9.92	9.68	0.12	19.40	10.40	10.16	0.09
16.85	9.93	9.69	0.12	19.45	10.41	10.17	0.08
16.90	9.94	9.70	0.12	19.50	10.42	10.18	0.08
16.95	9.95	9.71	0.12	19.55	10.43	10.19	0.08
17.00	9.96	9.72	0.12	19.60	10.44	10.20	0.08
17.05	9.97	9.73	0.12	19.65	10.44	10.20	0.08
17.10	9.99	9.74	0.12	19.70	10.45	10.21	0.08
17.15	10.00	9.76	0.12	19.75	10.46	10.22	0.08
17.20	10.01	9.77	0.12	19.80	10.47	10.23	0.08
17.25	10.02	9.78	0.11	19.85	10.48	10.24	0.08
17.30	10.03	9.79	0.11	19.90	10.48	10.24	0.08
17.35	10.04	9.80	0.11	19.95	10.49	10.25	0.08
17.40	10.05	9.81	0.11	20.00	10.50	10.26	0.08
17.45	10.06	9.82	0.11	20.05	10.51	10.27	0.08
17.50	10.07	9.83	0.11	20.10	10.52	10.27	0.08
17.55	10.08	9.84	0.11	20.15	10.52	10.28	0.08
17.60	10.09	9.85	0.11	20.20	10.53	10.29	0.08
17.65	10.10	9.86	0.10	20.25	10.54	10.30	0.08
17.70	10.11	9.87	0.10	20.30	10.55	10.31	0.08
17.75	10.12	9.88	0.10	20.35	10.55	10.31	0.08
17.80	10.13	9.89	0.10	20.40	10.56	10.32	0.08
17.85	10.14	9.90	0.10	20.45	10.57	10.33	0.08
17.90	10.15	9.91	0.10	20.50	10.58	10.34	0.08
17.95	10.16	9.92	0.10	20.55	10.58	10.34	0.08
18.00	10.17	9.92	0.10	20.60	10.59	10.35	0.08
18.05	10.17	9.93	0.10	20.65	10.60	10.36	0.08
18.10	10.18	9.94	0.09	20.70	10.61	10.37	0.08
18.15	10.19	9.95	0.09	20.75	10.61	10.37	0.08

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.08	23.40	10.97	10.73	0.06
20.85	10.63	10.39	0.08	23.45	10.97	10.73	0.06
20.90	10.64	10.39	0.08	23.50	10.98	10.74	0.06
20.95	10.64	10.40	0.08	23.55	10.99	10.74	0.06
21.00	10.65	10.41	0.08	23.60	10.99	10.75	0.06
21.05	10.66	10.42	0.08	23.65	11.00	10.76	0.06
21.10	10.66	10.42	0.08	23.70	11.00	10.76	0.06
21.15	10.67	10.43	0.08	23.75	11.01	10.77	0.06
21.20	10.68	10.44	0.07	23.80	11.01	10.77	0.06
21.25	10.69	10.45	0.07	23.85	11.02	10.78	0.06
21.30	10.69	10.45	0.07	23.90	11.03	10.78	0.06
21.35	10.70	10.46	0.07	23.95	11.03	10.79	0.06
21.40	10.71	10.47	0.07	24.00	11.04	10.80	0.06
21.45	10.71	10.47	0.07	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.07	24.10	11.04	10.80	0.05
21.55	10.73	10.49	0.07	24.15	11.04	10.80	0.03
21.60	10.74	10.49	0.07	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.07	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.07	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.07	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.07	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.07	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.07	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.07	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.07	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.07	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.07	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.07	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.07	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.07	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.07	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.07	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.07	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.07	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.07	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.07	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.07	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.07	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.07	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.07	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.07	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.07	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.07	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.06	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.06	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.06	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.06	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.06	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.06	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.06	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.06	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.06	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 17BI: PDA-17B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 17BP: PDA-17B (pervious)

Runoff = 7.27 cfs @ 12.17 hrs, Volume= 0.560 af, Depth= 7.72"
 Routed to Pond B-17B : Basin #17B

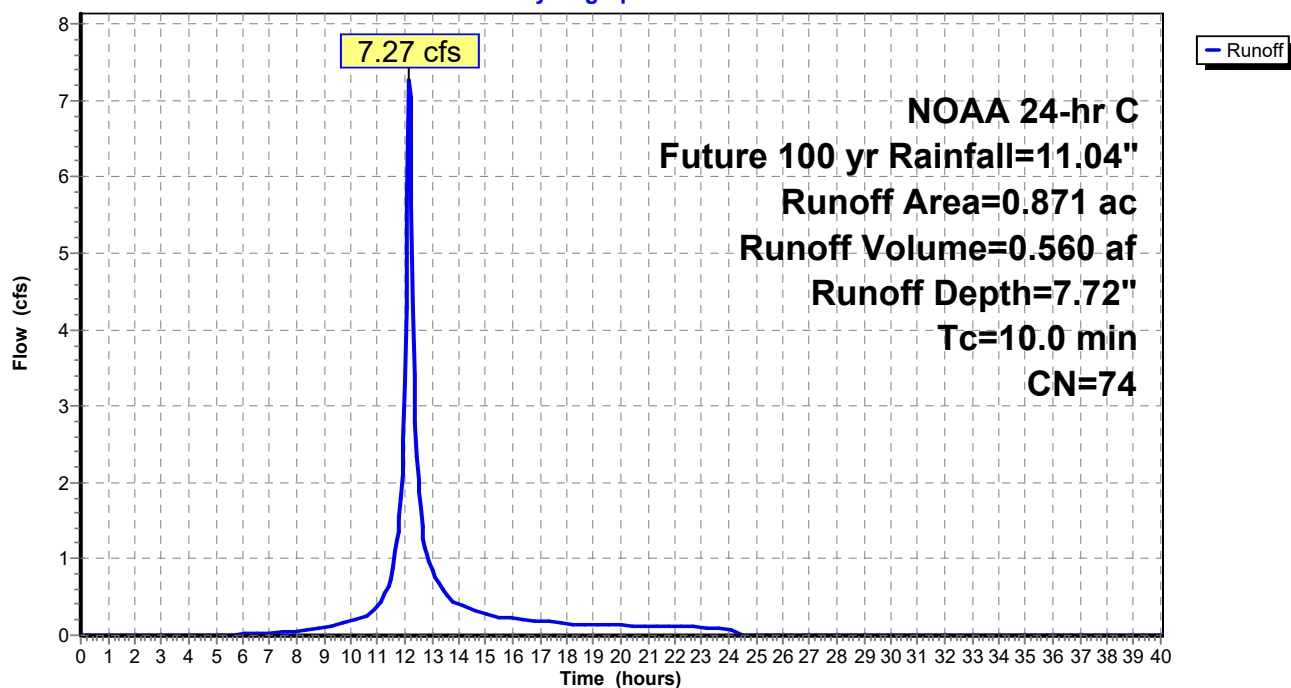
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.871	74	>75% Grass cover, Good, HSG C
0.871		100.00% Pervious Area

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

Subcatchment 17BP: PDA-17B (pervious)

Hydrograph



Hydrograph for Subcatchment 17BP: PDA-17B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.05
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.06
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.06
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.07
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.07
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.08
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.08
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.08
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.09
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.09
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.10
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.10
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.10
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.11
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.11
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.12
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.12
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.13
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.13
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.14
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.14
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.15
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.15
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.16
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.16
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.17
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.17
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.18
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.18
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.19
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.19
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.20
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.20
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.21
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.22
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.22

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.23	13.00	8.39	5.28	0.88
10.45	2.25	0.47	0.23	13.05	8.43	5.32	0.84
10.50	2.28	0.49	0.24	13.10	8.48	5.36	0.79
10.55	2.31	0.50	0.25	13.15	8.52	5.39	0.75
10.60	2.34	0.52	0.26	13.20	8.56	5.43	0.71
10.65	2.37	0.54	0.27	13.25	8.60	5.46	0.68
10.70	2.41	0.56	0.29	13.30	8.63	5.50	0.65
10.75	2.44	0.58	0.31	13.35	8.67	5.53	0.62
10.80	2.48	0.60	0.32	13.40	8.70	5.56	0.60
10.85	2.52	0.62	0.34	13.45	8.73	5.59	0.57
10.90	2.56	0.64	0.36	13.50	8.76	5.61	0.55
10.95	2.61	0.67	0.38	13.55	8.79	5.64	0.52
11.00	2.65	0.69	0.40	13.60	8.82	5.67	0.50
11.05	2.70	0.72	0.42	13.65	8.85	5.69	0.47
11.10	2.75	0.75	0.45	13.70	8.87	5.71	0.46
11.15	2.80	0.79	0.48	13.75	8.90	5.74	0.44
11.20	2.86	0.82	0.52	13.80	8.93	5.76	0.43
11.25	2.92	0.86	0.55	13.85	8.95	5.79	0.43
11.30	2.98	0.90	0.59	13.90	8.98	5.81	0.42
11.35	3.05	0.94	0.63	13.95	9.00	5.83	0.41
11.40	3.12	0.98	0.67	14.00	9.03	5.85	0.41
11.45	3.19	1.03	0.71	14.05	9.05	5.88	0.40
11.50	3.26	1.08	0.75	14.10	9.07	5.90	0.39
11.55	3.37	1.15	0.81	14.15	9.10	5.92	0.39
11.60	3.49	1.23	0.93	14.20	9.12	5.94	0.38
11.65	3.60	1.31	1.10	14.25	9.14	5.96	0.37
11.70	3.72	1.39	1.24	14.30	9.16	5.98	0.37
11.75	3.88	1.51	1.36	14.35	9.19	6.00	0.36
11.80	4.04	1.63	1.53	14.40	9.21	6.02	0.35
11.85	4.27	1.79	1.78	14.45	9.23	6.04	0.35
11.90	4.49	1.96	2.11	14.50	9.25	6.06	0.34
11.95	4.88	2.27	2.56	14.55	9.27	6.07	0.34
12.00	5.26	2.57	3.29	14.60	9.29	6.09	0.33
12.05	5.91	3.11	4.29	14.65	9.31	6.11	0.32
12.10	6.55	3.65	5.72	14.70	9.32	6.13	0.32
12.15	6.77	3.85	7.12	14.75	9.34	6.14	0.31
12.20	7.00	4.04	7.04	14.80	9.36	6.16	0.30
12.25	7.16	4.18	5.65	14.85	9.38	6.17	0.30
12.30	7.32	4.32	4.30	14.90	9.40	6.19	0.29
12.35	7.44	4.43	3.40	14.95	9.41	6.21	0.28
12.40	7.55	4.53	2.78	15.00	9.43	6.22	0.28
12.45	7.67	4.63	2.33	15.05	9.44	6.23	0.27
12.50	7.78	4.73	2.05	15.10	9.46	6.25	0.26
12.55	7.85	4.79	1.87	15.15	9.47	6.26	0.26
12.60	7.92	4.86	1.66	15.20	9.49	6.28	0.25
12.65	7.99	4.92	1.43	15.25	9.50	6.29	0.25
12.70	8.06	4.98	1.26	15.30	9.52	6.30	0.25
12.75	8.12	5.03	1.16	15.35	9.53	6.32	0.24
12.80	8.18	5.09	1.09	15.40	9.55	6.33	0.24
12.85	8.24	5.14	1.03	15.45	9.56	6.34	0.24
12.90	8.29	5.19	0.98	15.50	9.58	6.36	0.24
12.95	8.34	5.23	0.93	15.55	9.59	6.37	0.24

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.24	18.20	10.20	6.93	0.15
15.65	9.62	6.40	0.23	18.25	10.21	6.94	0.14
15.70	9.64	6.41	0.23	18.30	10.22	6.95	0.14
15.75	9.65	6.42	0.23	18.35	10.23	6.96	0.14
15.80	9.66	6.44	0.23	18.40	10.24	6.97	0.14
15.85	9.68	6.45	0.23	18.45	10.24	6.97	0.14
15.90	9.69	6.46	0.23	18.50	10.25	6.98	0.14
15.95	9.70	6.47	0.22	18.55	10.26	6.99	0.14
16.00	9.72	6.49	0.22	18.60	10.27	7.00	0.14
16.05	9.73	6.50	0.22	18.65	10.28	7.01	0.14
16.10	9.74	6.51	0.22	18.70	10.29	7.01	0.14
16.15	9.76	6.52	0.22	18.75	10.30	7.02	0.14
16.20	9.77	6.54	0.22	18.80	10.30	7.03	0.14
16.25	9.78	6.55	0.21	18.85	10.31	7.04	0.14
16.30	9.80	6.56	0.21	18.90	10.32	7.04	0.14
16.35	9.81	6.57	0.21	18.95	10.33	7.05	0.14
16.40	9.82	6.58	0.21	19.00	10.34	7.06	0.14
16.45	9.83	6.59	0.21	19.05	10.35	7.07	0.14
16.50	9.85	6.60	0.20	19.10	10.35	7.08	0.14
16.55	9.86	6.62	0.20	19.15	10.36	7.08	0.14
16.60	9.87	6.63	0.20	19.20	10.37	7.09	0.14
16.65	9.88	6.64	0.20	19.25	10.38	7.10	0.14
16.70	9.89	6.65	0.20	19.30	10.39	7.11	0.14
16.75	9.91	6.66	0.20	19.35	10.40	7.11	0.13
16.80	9.92	6.67	0.19	19.40	10.40	7.12	0.13
16.85	9.93	6.68	0.19	19.45	10.41	7.13	0.13
16.90	9.94	6.69	0.19	19.50	10.42	7.14	0.13
16.95	9.95	6.70	0.19	19.55	10.43	7.14	0.13
17.00	9.96	6.71	0.19	19.60	10.44	7.15	0.13
17.05	9.97	6.72	0.19	19.65	10.44	7.16	0.13
17.10	9.99	6.73	0.18	19.70	10.45	7.17	0.13
17.15	10.00	6.74	0.18	19.75	10.46	7.17	0.13
17.20	10.01	6.75	0.18	19.80	10.47	7.18	0.13
17.25	10.02	6.76	0.18	19.85	10.48	7.19	0.13
17.30	10.03	6.77	0.18	19.90	10.48	7.20	0.13
17.35	10.04	6.78	0.17	19.95	10.49	7.20	0.13
17.40	10.05	6.79	0.17	20.00	10.50	7.21	0.13
17.45	10.06	6.80	0.17	20.05	10.51	7.22	0.13
17.50	10.07	6.81	0.17	20.10	10.52	7.23	0.13
17.55	10.08	6.82	0.17	20.15	10.52	7.23	0.13
17.60	10.09	6.83	0.17	20.20	10.53	7.24	0.13
17.65	10.10	6.84	0.16	20.25	10.54	7.25	0.13
17.70	10.11	6.85	0.16	20.30	10.55	7.25	0.13
17.75	10.12	6.86	0.16	20.35	10.55	7.26	0.13
17.80	10.13	6.87	0.16	20.40	10.56	7.27	0.13
17.85	10.14	6.87	0.16	20.45	10.57	7.28	0.13
17.90	10.15	6.88	0.16	20.50	10.58	7.28	0.12
17.95	10.16	6.89	0.15	20.55	10.58	7.29	0.12
18.00	10.17	6.90	0.15	20.60	10.59	7.30	0.12
18.05	10.17	6.91	0.15	20.65	10.60	7.30	0.12
18.10	10.18	6.92	0.15	20.70	10.61	7.31	0.12
18.15	10.19	6.92	0.15	20.75	10.61	7.32	0.12

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.12	23.40	10.97	7.65	0.10
20.85	10.63	7.33	0.12	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.12	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.12	23.55	10.99	7.66	0.10
21.00	10.65	7.35	0.12	23.60	10.99	7.67	0.10
21.05	10.66	7.36	0.12	23.65	11.00	7.67	0.10
21.10	10.66	7.36	0.12	23.70	11.00	7.68	0.10
21.15	10.67	7.37	0.12	23.75	11.01	7.69	0.10
21.20	10.68	7.38	0.12	23.80	11.01	7.69	0.10
21.25	10.69	7.38	0.12	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.09
21.35	10.70	7.40	0.12	23.95	11.03	7.71	0.09
21.40	10.71	7.40	0.12	24.00	11.04	7.72	0.10
21.45	10.71	7.41	0.12	24.05	11.04	7.72	0.10
21.50	10.72	7.42	0.12	24.10	11.04	7.72	0.08
21.55	10.73	7.42	0.12	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.11	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.11	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.11	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.11	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.11	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.11	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.11	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.11	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.11	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.11	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.11	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.11	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.11	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.11	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.11	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.11	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.11	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.11	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.11	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.11	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.11	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.11	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.11	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.10	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.10	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.10	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.10	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.10	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.10	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.10	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.10	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.10	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.10	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.10	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.10	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 17BP: PDA-17B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Runoff = 50.65 cfs @ 12.16 hrs, Volume= 4.111 af, Depth=10.06"
 Routed to Link PDA-1OF : PDA-1 (offsite)

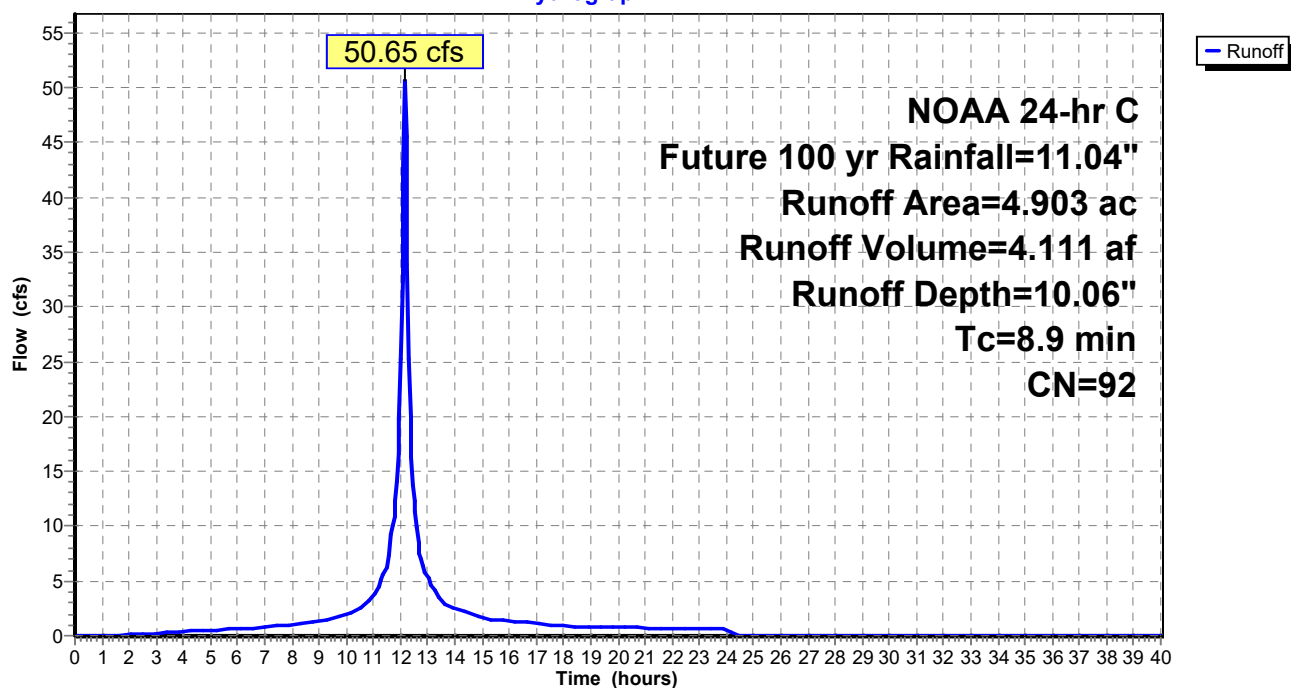
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
4.536	92	Paved roads w/open ditches, 50% imp, HSG C
* 0.367	98	Roofs
4.903	92	Weighted Average
2.268		46.26% Pervious Area
2.635		53.74% Impervious Area

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

Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.02	0.18
0.05	0.01	0.00	0.00	2.65	0.34	0.03	0.18
0.10	0.01	0.00	0.00	2.70	0.35	0.03	0.19
0.15	0.02	0.00	0.00	2.75	0.35	0.03	0.20
0.20	0.03	0.00	0.00	2.80	0.36	0.03	0.21
0.25	0.03	0.00	0.00	2.85	0.37	0.04	0.22
0.30	0.04	0.00	0.00	2.90	0.38	0.04	0.22
0.35	0.04	0.00	0.00	2.95	0.38	0.04	0.23
0.40	0.05	0.00	0.00	3.00	0.39	0.04	0.24
0.45	0.05	0.00	0.00	3.05	0.40	0.05	0.24
0.50	0.06	0.00	0.00	3.10	0.40	0.05	0.25
0.55	0.07	0.00	0.00	3.15	0.41	0.05	0.26
0.60	0.07	0.00	0.00	3.20	0.42	0.05	0.27
0.65	0.08	0.00	0.00	3.25	0.43	0.06	0.27
0.70	0.08	0.00	0.00	3.30	0.43	0.06	0.28
0.75	0.09	0.00	0.00	3.35	0.44	0.06	0.29
0.80	0.10	0.00	0.00	3.40	0.45	0.07	0.29
0.85	0.10	0.00	0.00	3.45	0.46	0.07	0.30
0.90	0.11	0.00	0.00	3.50	0.46	0.07	0.31
0.95	0.11	0.00	0.00	3.55	0.47	0.08	0.32
1.00	0.12	0.00	0.00	3.60	0.48	0.08	0.32
1.05	0.13	0.00	0.00	3.65	0.49	0.08	0.33
1.10	0.13	0.00	0.00	3.70	0.49	0.09	0.33
1.15	0.14	0.00	0.00	3.75	0.50	0.09	0.34
1.20	0.15	0.00	0.00	3.80	0.51	0.09	0.35
1.25	0.15	0.00	0.00	3.85	0.52	0.10	0.35
1.30	0.16	0.00	0.00	3.90	0.52	0.10	0.36
1.35	0.16	0.00	0.00	3.95	0.53	0.10	0.37
1.40	0.17	0.00	0.00	4.00	0.54	0.11	0.37
1.45	0.18	0.00	0.00	4.05	0.55	0.11	0.38
1.50	0.18	0.00	0.00	4.10	0.56	0.12	0.39
1.55	0.19	0.00	0.00	4.15	0.56	0.12	0.39
1.60	0.20	0.00	0.01	4.20	0.57	0.12	0.40
1.65	0.20	0.00	0.02	4.25	0.58	0.13	0.40
1.70	0.21	0.00	0.03	4.30	0.59	0.13	0.41
1.75	0.22	0.00	0.03	4.35	0.60	0.14	0.42
1.80	0.22	0.00	0.04	4.40	0.60	0.14	0.42
1.85	0.23	0.00	0.05	4.45	0.61	0.15	0.43
1.90	0.24	0.00	0.06	4.50	0.62	0.15	0.43
1.95	0.24	0.01	0.07	4.55	0.63	0.16	0.44
2.00	0.25	0.01	0.08	4.60	0.64	0.16	0.45
2.05	0.26	0.01	0.09	4.65	0.64	0.17	0.45
2.10	0.26	0.01	0.10	4.70	0.65	0.17	0.46
2.15	0.27	0.01	0.10	4.75	0.66	0.17	0.46
2.20	0.28	0.01	0.11	4.80	0.67	0.18	0.47
2.25	0.28	0.01	0.12	4.85	0.68	0.18	0.47
2.30	0.29	0.01	0.13	4.90	0.69	0.19	0.48
2.35	0.30	0.02	0.14	4.95	0.69	0.19	0.49
2.40	0.30	0.02	0.15	5.00	0.70	0.20	0.49
2.45	0.31	0.02	0.15	5.05	0.71	0.20	0.50
2.50	0.32	0.02	0.16	5.10	0.72	0.21	0.50
2.55	0.33	0.02	0.17	5.15	0.73	0.22	0.51

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.22	0.51	7.80	1.27	0.61	1.00
5.25	0.74	0.23	0.52	7.85	1.28	0.62	1.01
5.30	0.75	0.23	0.52	7.90	1.30	0.63	1.02
5.35	0.76	0.24	0.53	7.95	1.31	0.64	1.03
5.40	0.77	0.24	0.54	8.00	1.32	0.65	1.05
5.45	0.78	0.25	0.54	8.05	1.34	0.66	1.06
5.50	0.79	0.25	0.55	8.10	1.35	0.68	1.07
5.55	0.80	0.26	0.55	8.15	1.36	0.69	1.08
5.60	0.80	0.27	0.56	8.20	1.38	0.70	1.09
5.65	0.81	0.27	0.56	8.25	1.39	0.71	1.11
5.70	0.82	0.28	0.57	8.30	1.40	0.72	1.12
5.75	0.83	0.28	0.57	8.35	1.42	0.73	1.13
5.80	0.84	0.29	0.58	8.40	1.43	0.74	1.14
5.85	0.85	0.29	0.58	8.45	1.45	0.76	1.15
5.90	0.86	0.30	0.59	8.50	1.46	0.77	1.17
5.95	0.87	0.31	0.59	8.55	1.48	0.78	1.18
6.00	0.87	0.31	0.60	8.60	1.49	0.79	1.19
6.05	0.88	0.32	0.60	8.65	1.51	0.81	1.20
6.10	0.89	0.33	0.61	8.70	1.52	0.82	1.22
6.15	0.90	0.33	0.62	8.75	1.54	0.83	1.23
6.20	0.91	0.34	0.63	8.80	1.55	0.84	1.24
6.25	0.92	0.35	0.64	8.85	1.57	0.86	1.25
6.30	0.93	0.35	0.65	8.90	1.58	0.87	1.26
6.35	0.94	0.36	0.66	8.95	1.60	0.88	1.28
6.40	0.95	0.37	0.67	9.00	1.61	0.90	1.29
6.45	0.96	0.37	0.68	9.05	1.63	0.91	1.30
6.50	0.97	0.38	0.70	9.10	1.64	0.92	1.33
6.55	0.98	0.39	0.71	9.15	1.66	0.94	1.36
6.60	0.99	0.40	0.72	9.20	1.68	0.95	1.40
6.65	1.00	0.40	0.73	9.25	1.70	0.97	1.43
6.70	1.01	0.41	0.74	9.30	1.72	0.99	1.47
6.75	1.02	0.42	0.75	9.35	1.73	1.00	1.51
6.80	1.03	0.43	0.76	9.40	1.75	1.02	1.55
6.85	1.04	0.44	0.77	9.45	1.77	1.04	1.59
6.90	1.05	0.44	0.78	9.50	1.79	1.05	1.63
6.95	1.07	0.45	0.80	9.55	1.81	1.07	1.67
7.00	1.08	0.46	0.81	9.60	1.83	1.09	1.71
7.05	1.09	0.47	0.82	9.65	1.85	1.11	1.75
7.10	1.10	0.48	0.83	9.70	1.88	1.13	1.79
7.15	1.11	0.49	0.84	9.75	1.90	1.15	1.83
7.20	1.12	0.49	0.86	9.80	1.92	1.17	1.87
7.25	1.13	0.50	0.87	9.85	1.94	1.19	1.91
7.30	1.15	0.51	0.88	9.90	1.97	1.21	1.95
7.35	1.16	0.52	0.89	9.95	1.99	1.23	1.99
7.40	1.17	0.53	0.90	10.00	2.01	1.25	2.03
7.45	1.18	0.54	0.91	10.05	2.04	1.27	2.07
7.50	1.19	0.55	0.93	10.10	2.06	1.29	2.11
7.55	1.21	0.56	0.94	10.15	2.09	1.32	2.15
7.60	1.22	0.57	0.95	10.20	2.11	1.34	2.20
7.65	1.23	0.58	0.96	10.25	2.14	1.36	2.24
7.70	1.24	0.59	0.97	10.30	2.17	1.39	2.28
7.75	1.26	0.60	0.98	10.35	2.19	1.41	2.32

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.44	2.36	13.00	8.39	7.43	5.37
10.45	2.25	1.46	2.40	13.05	8.43	7.47	5.09
10.50	2.28	1.49	2.44	13.10	8.48	7.52	4.79
10.55	2.31	1.51	2.50	13.15	8.52	7.56	4.52
10.60	2.34	1.54	2.60	13.20	8.56	7.60	4.30
10.65	2.37	1.57	2.72	13.25	8.60	7.63	4.12
10.70	2.41	1.61	2.86	13.30	8.63	7.67	3.95
10.75	2.44	1.64	3.00	13.35	8.67	7.71	3.79
10.80	2.48	1.68	3.15	13.40	8.70	7.74	3.63
10.85	2.52	1.71	3.30	13.45	8.73	7.77	3.47
10.90	2.56	1.75	3.45	13.50	8.76	7.80	3.32
10.95	2.61	1.79	3.60	13.55	8.79	7.83	3.16
11.00	2.65	1.83	3.76	13.60	8.82	7.86	3.01
11.05	2.70	1.88	3.92	13.65	8.85	7.88	2.87
11.10	2.75	1.92	4.15	13.70	8.87	7.91	2.77
11.15	2.80	1.98	4.40	13.75	8.90	7.94	2.70
11.20	2.86	2.03	4.67	13.80	8.93	7.96	2.65
11.25	2.92	2.09	4.95	13.85	8.95	7.99	2.61
11.30	2.98	2.15	5.24	13.90	8.98	8.01	2.56
11.35	3.05	2.21	5.52	13.95	9.00	8.04	2.52
11.40	3.12	2.27	5.81	14.00	9.03	8.06	2.48
11.45	3.19	2.34	6.09	14.05	9.05	8.08	2.44
11.50	3.26	2.41	6.35	14.10	9.07	8.11	2.40
11.55	3.37	2.52	6.76	14.15	9.10	8.13	2.36
11.60	3.49	2.62	7.85	14.20	9.12	8.15	2.32
11.65	3.60	2.74	9.20	14.25	9.14	8.18	2.28
11.70	3.72	2.85	10.13	14.30	9.16	8.20	2.24
11.75	3.88	3.00	10.89	14.35	9.19	8.22	2.20
11.80	4.04	3.16	12.25	14.40	9.21	8.24	2.16
11.85	4.27	3.38	14.10	14.45	9.23	8.26	2.12
11.90	4.49	3.59	16.58	14.50	9.25	8.28	2.08
11.95	4.88	3.97	19.81	14.55	9.27	8.30	2.04
12.00	5.26	4.35	25.31	14.60	9.29	8.32	2.00
12.05	5.91	4.98	32.51	14.65	9.31	8.34	1.96
12.10	6.55	5.61	42.48	14.70	9.32	8.36	1.91
12.15	6.77	5.83	50.56	14.75	9.34	8.37	1.87
12.20	7.00	6.05	45.59	14.80	9.36	8.39	1.83
12.25	7.16	6.21	33.91	14.85	9.38	8.41	1.79
12.30	7.32	6.37	25.32	14.90	9.40	8.43	1.75
12.35	7.44	6.49	20.03	14.95	9.41	8.44	1.71
12.40	7.55	6.60	16.37	15.00	9.43	8.46	1.67
12.45	7.67	6.71	13.79	15.05	9.44	8.47	1.63
12.50	7.78	6.82	12.30	15.10	9.46	8.49	1.59
12.55	7.85	6.89	11.33	15.15	9.47	8.50	1.55
12.60	7.92	6.97	9.95	15.20	9.49	8.52	1.53
12.65	7.99	7.03	8.47	15.25	9.50	8.53	1.51
12.70	8.06	7.10	7.53	15.30	9.52	8.55	1.50
12.75	8.12	7.16	7.00	15.35	9.53	8.56	1.48
12.80	8.18	7.22	6.60	15.40	9.55	8.58	1.47
12.85	8.24	7.28	6.28	15.45	9.56	8.59	1.46
12.90	8.29	7.33	5.96	15.50	9.58	8.61	1.45
12.95	8.34	7.38	5.67	15.55	9.59	8.62	1.44

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	8.64	1.43	18.20	10.20	9.23	0.88
15.65	9.62	8.65	1.42	18.25	10.21	9.24	0.87
15.70	9.64	8.66	1.41	18.30	10.22	9.24	0.87
15.75	9.65	8.68	1.40	18.35	10.23	9.25	0.86
15.80	9.66	8.69	1.39	18.40	10.24	9.26	0.86
15.85	9.68	8.71	1.37	18.45	10.24	9.27	0.86
15.90	9.69	8.72	1.36	18.50	10.25	9.28	0.86
15.95	9.70	8.73	1.36	18.55	10.26	9.29	0.85
16.00	9.72	8.75	1.34	18.60	10.27	9.30	0.85
16.05	9.73	8.76	1.33	18.65	10.28	9.30	0.85
16.10	9.74	8.77	1.32	18.70	10.29	9.31	0.85
16.15	9.76	8.79	1.31	18.75	10.30	9.32	0.84
16.20	9.77	8.80	1.30	18.80	10.30	9.33	0.84
16.25	9.78	8.81	1.29	18.85	10.31	9.34	0.84
16.30	9.80	8.82	1.28	18.90	10.32	9.35	0.83
16.35	9.81	8.84	1.27	18.95	10.33	9.35	0.83
16.40	9.82	8.85	1.26	19.00	10.34	9.36	0.83
16.45	9.83	8.86	1.25	19.05	10.35	9.37	0.83
16.50	9.85	8.87	1.24	19.10	10.35	9.38	0.82
16.55	9.86	8.89	1.22	19.15	10.36	9.39	0.82
16.60	9.87	8.90	1.21	19.20	10.37	9.40	0.82
16.65	9.88	8.91	1.20	19.25	10.38	9.40	0.82
16.70	9.89	8.92	1.19	19.30	10.39	9.41	0.81
16.75	9.91	8.93	1.18	19.35	10.40	9.42	0.81
16.80	9.92	8.95	1.17	19.40	10.40	9.43	0.81
16.85	9.93	8.96	1.16	19.45	10.41	9.44	0.80
16.90	9.94	8.97	1.15	19.50	10.42	9.44	0.80
16.95	9.95	8.98	1.14	19.55	10.43	9.45	0.80
17.00	9.96	8.99	1.13	19.60	10.44	9.46	0.80
17.05	9.97	9.00	1.12	19.65	10.44	9.47	0.79
17.10	9.99	9.01	1.11	19.70	10.45	9.48	0.79
17.15	10.00	9.02	1.10	19.75	10.46	9.48	0.79
17.20	10.01	9.03	1.09	19.80	10.47	9.49	0.79
17.25	10.02	9.04	1.08	19.85	10.48	9.50	0.79
17.30	10.03	9.06	1.06	19.90	10.48	9.51	0.78
17.35	10.04	9.07	1.05	19.95	10.49	9.52	0.78
17.40	10.05	9.08	1.04	20.00	10.50	9.52	0.78
17.45	10.06	9.09	1.03	20.05	10.51	9.53	0.77
17.50	10.07	9.10	1.02	20.10	10.52	9.54	0.77
17.55	10.08	9.11	1.01	20.15	10.52	9.55	0.77
17.60	10.09	9.12	1.00	20.20	10.53	9.55	0.76
17.65	10.10	9.13	0.99	20.25	10.54	9.56	0.76
17.70	10.11	9.14	0.98	20.30	10.55	9.57	0.76
17.75	10.12	9.15	0.97	20.35	10.55	9.58	0.76
17.80	10.13	9.15	0.96	20.40	10.56	9.58	0.75
17.85	10.14	9.16	0.95	20.45	10.57	9.59	0.75
17.90	10.15	9.17	0.94	20.50	10.58	9.60	0.75
17.95	10.16	9.18	0.92	20.55	10.58	9.61	0.75
18.00	10.17	9.19	0.91	20.60	10.59	9.62	0.74
18.05	10.17	9.20	0.90	20.65	10.60	9.62	0.74
18.10	10.18	9.21	0.89	20.70	10.61	9.63	0.74
18.15	10.19	9.22	0.88	20.75	10.61	9.64	0.74

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	9.64	0.73	23.40	10.97	9.99	0.59
20.85	10.63	9.65	0.73	23.45	10.97	10.00	0.59
20.90	10.64	9.66	0.73	23.50	10.98	10.00	0.59
20.95	10.64	9.67	0.72	23.55	10.99	10.01	0.58
21.00	10.65	9.67	0.72	23.60	10.99	10.01	0.58
21.05	10.66	9.68	0.72	23.65	11.00	10.02	0.58
21.10	10.66	9.69	0.72	23.70	11.00	10.02	0.58
21.15	10.67	9.70	0.71	23.75	11.01	10.03	0.58
21.20	10.68	9.70	0.71	23.80	11.01	10.04	0.57
21.25	10.69	9.71	0.71	23.85	11.02	10.04	0.57
21.30	10.69	9.72	0.71	23.90	11.03	10.05	0.56
21.35	10.70	9.72	0.71	23.95	11.03	10.05	0.57
21.40	10.71	9.73	0.70	24.00	11.04	10.06	0.60
21.45	10.71	9.74	0.70	24.05	11.04	10.06	0.61
21.50	10.72	9.74	0.69	24.10	11.04	10.06	0.46
21.55	10.73	9.75	0.69	24.15	11.04	10.06	0.23
21.60	10.74	9.76	0.69	24.20	11.04	10.06	0.10
21.65	10.74	9.77	0.69	24.25	11.04	10.06	0.04
21.70	10.75	9.77	0.68	24.30	11.04	10.06	0.02
21.75	10.76	9.78	0.68	24.35	11.04	10.06	0.01
21.80	10.76	9.79	0.68	24.40	11.04	10.06	0.00
21.85	10.77	9.79	0.68	24.45	11.04	10.06	0.00
21.90	10.78	9.80	0.68	24.50	11.04	10.06	0.00
21.95	10.78	9.81	0.67	24.55	11.04	10.06	0.00
22.00	10.79	9.81	0.67	24.60	11.04	10.06	0.00
22.05	10.80	9.82	0.66	24.65	11.04	10.06	0.00
22.10	10.80	9.83	0.66	24.70	11.04	10.06	0.00
22.15	10.81	9.83	0.66	24.75	11.04	10.06	0.00
22.20	10.82	9.84	0.66	24.80	11.04	10.06	0.00
22.25	10.82	9.85	0.66	24.85	11.04	10.06	0.00
22.30	10.83	9.85	0.65	24.90	11.04	10.06	0.00
22.35	10.84	9.86	0.65	24.95	11.04	10.06	0.00
22.40	10.84	9.87	0.65	25.00	11.04	10.06	0.00
22.45	10.85	9.87	0.64	25.05	11.04	10.06	0.00
22.50	10.86	9.88	0.64	25.10	11.04	10.06	0.00
22.55	10.86	9.88	0.64	25.15	11.04	10.06	0.00
22.60	10.87	9.89	0.64	25.20	11.04	10.06	0.00
22.65	10.88	9.90	0.63	25.25	11.04	10.06	0.00
22.70	10.88	9.90	0.63	25.30	11.04	10.06	0.00
22.75	10.89	9.91	0.63	25.35	11.04	10.06	0.00
22.80	10.89	9.92	0.62	25.40	11.04	10.06	0.00
22.85	10.90	9.92	0.62	25.45	11.04	10.06	0.00
22.90	10.91	9.93	0.62	25.50	11.04	10.06	0.00
22.95	10.91	9.93	0.62	25.55	11.04	10.06	0.00
23.00	10.92	9.94	0.61	25.60	11.04	10.06	0.00
23.05	10.93	9.95	0.61	25.65	11.04	10.06	0.00
23.10	10.93	9.95	0.61	25.70	11.04	10.06	0.00
23.15	10.94	9.96	0.61	25.75	11.04	10.06	0.00
23.20	10.94	9.97	0.60	25.80	11.04	10.06	0.00
23.25	10.95	9.97	0.60	25.85	11.04	10.06	0.00
23.30	10.96	9.98	0.60	25.90	11.04	10.06	0.00
23.35	10.96	9.98	0.59	25.95	11.04	10.06	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.06	0.00	28.60	11.04	10.06	0.00
26.05	11.04	10.06	0.00	28.65	11.04	10.06	0.00
26.10	11.04	10.06	0.00	28.70	11.04	10.06	0.00
26.15	11.04	10.06	0.00	28.75	11.04	10.06	0.00
26.20	11.04	10.06	0.00	28.80	11.04	10.06	0.00
26.25	11.04	10.06	0.00	28.85	11.04	10.06	0.00
26.30	11.04	10.06	0.00	28.90	11.04	10.06	0.00
26.35	11.04	10.06	0.00	28.95	11.04	10.06	0.00
26.40	11.04	10.06	0.00	29.00	11.04	10.06	0.00
26.45	11.04	10.06	0.00	29.05	11.04	10.06	0.00
26.50	11.04	10.06	0.00	29.10	11.04	10.06	0.00
26.55	11.04	10.06	0.00	29.15	11.04	10.06	0.00
26.60	11.04	10.06	0.00	29.20	11.04	10.06	0.00
26.65	11.04	10.06	0.00	29.25	11.04	10.06	0.00
26.70	11.04	10.06	0.00	29.30	11.04	10.06	0.00
26.75	11.04	10.06	0.00	29.35	11.04	10.06	0.00
26.80	11.04	10.06	0.00	29.40	11.04	10.06	0.00
26.85	11.04	10.06	0.00	29.45	11.04	10.06	0.00
26.90	11.04	10.06	0.00	29.50	11.04	10.06	0.00
26.95	11.04	10.06	0.00	29.55	11.04	10.06	0.00
27.00	11.04	10.06	0.00	29.60	11.04	10.06	0.00
27.05	11.04	10.06	0.00	29.65	11.04	10.06	0.00
27.10	11.04	10.06	0.00	29.70	11.04	10.06	0.00
27.15	11.04	10.06	0.00	29.75	11.04	10.06	0.00
27.20	11.04	10.06	0.00	29.80	11.04	10.06	0.00
27.25	11.04	10.06	0.00	29.85	11.04	10.06	0.00
27.30	11.04	10.06	0.00	29.90	11.04	10.06	0.00
27.35	11.04	10.06	0.00	29.95	11.04	10.06	0.00
27.40	11.04	10.06	0.00	30.00	11.04	10.06	0.00
27.45	11.04	10.06	0.00	30.05	11.04	10.06	0.00
27.50	11.04	10.06	0.00	30.10	11.04	10.06	0.00
27.55	11.04	10.06	0.00	30.15	11.04	10.06	0.00
27.60	11.04	10.06	0.00	30.20	11.04	10.06	0.00
27.65	11.04	10.06	0.00	30.25	11.04	10.06	0.00
27.70	11.04	10.06	0.00	30.30	11.04	10.06	0.00
27.75	11.04	10.06	0.00	30.35	11.04	10.06	0.00
27.80	11.04	10.06	0.00	30.40	11.04	10.06	0.00
27.85	11.04	10.06	0.00	30.45	11.04	10.06	0.00
27.90	11.04	10.06	0.00	30.50	11.04	10.06	0.00
27.95	11.04	10.06	0.00	30.55	11.04	10.06	0.00
28.00	11.04	10.06	0.00	30.60	11.04	10.06	0.00
28.05	11.04	10.06	0.00	30.65	11.04	10.06	0.00
28.10	11.04	10.06	0.00	30.70	11.04	10.06	0.00
28.15	11.04	10.06	0.00	30.75	11.04	10.06	0.00
28.20	11.04	10.06	0.00	30.80	11.04	10.06	0.00
28.25	11.04	10.06	0.00	30.85	11.04	10.06	0.00
28.30	11.04	10.06	0.00	30.90	11.04	10.06	0.00
28.35	11.04	10.06	0.00	30.95	11.04	10.06	0.00
28.40	11.04	10.06	0.00	31.00	11.04	10.06	0.00
28.45	11.04	10.06	0.00	31.05	11.04	10.06	0.00
28.50	11.04	10.06	0.00	31.10	11.04	10.06	0.00
28.55	11.04	10.06	0.00	31.15	11.04	10.06	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.06	0.00	33.80	11.04	10.06	0.00
31.25	11.04	10.06	0.00	33.85	11.04	10.06	0.00
31.30	11.04	10.06	0.00	33.90	11.04	10.06	0.00
31.35	11.04	10.06	0.00	33.95	11.04	10.06	0.00
31.40	11.04	10.06	0.00	34.00	11.04	10.06	0.00
31.45	11.04	10.06	0.00	34.05	11.04	10.06	0.00
31.50	11.04	10.06	0.00	34.10	11.04	10.06	0.00
31.55	11.04	10.06	0.00	34.15	11.04	10.06	0.00
31.60	11.04	10.06	0.00	34.20	11.04	10.06	0.00
31.65	11.04	10.06	0.00	34.25	11.04	10.06	0.00
31.70	11.04	10.06	0.00	34.30	11.04	10.06	0.00
31.75	11.04	10.06	0.00	34.35	11.04	10.06	0.00
31.80	11.04	10.06	0.00	34.40	11.04	10.06	0.00
31.85	11.04	10.06	0.00	34.45	11.04	10.06	0.00
31.90	11.04	10.06	0.00	34.50	11.04	10.06	0.00
31.95	11.04	10.06	0.00	34.55	11.04	10.06	0.00
32.00	11.04	10.06	0.00	34.60	11.04	10.06	0.00
32.05	11.04	10.06	0.00	34.65	11.04	10.06	0.00
32.10	11.04	10.06	0.00	34.70	11.04	10.06	0.00
32.15	11.04	10.06	0.00	34.75	11.04	10.06	0.00
32.20	11.04	10.06	0.00	34.80	11.04	10.06	0.00
32.25	11.04	10.06	0.00	34.85	11.04	10.06	0.00
32.30	11.04	10.06	0.00	34.90	11.04	10.06	0.00
32.35	11.04	10.06	0.00	34.95	11.04	10.06	0.00
32.40	11.04	10.06	0.00	35.00	11.04	10.06	0.00
32.45	11.04	10.06	0.00	35.05	11.04	10.06	0.00
32.50	11.04	10.06	0.00	35.10	11.04	10.06	0.00
32.55	11.04	10.06	0.00	35.15	11.04	10.06	0.00
32.60	11.04	10.06	0.00	35.20	11.04	10.06	0.00
32.65	11.04	10.06	0.00	35.25	11.04	10.06	0.00
32.70	11.04	10.06	0.00	35.30	11.04	10.06	0.00
32.75	11.04	10.06	0.00	35.35	11.04	10.06	0.00
32.80	11.04	10.06	0.00	35.40	11.04	10.06	0.00
32.85	11.04	10.06	0.00	35.45	11.04	10.06	0.00
32.90	11.04	10.06	0.00	35.50	11.04	10.06	0.00
32.95	11.04	10.06	0.00	35.55	11.04	10.06	0.00
33.00	11.04	10.06	0.00	35.60	11.04	10.06	0.00
33.05	11.04	10.06	0.00	35.65	11.04	10.06	0.00
33.10	11.04	10.06	0.00	35.70	11.04	10.06	0.00
33.15	11.04	10.06	0.00	35.75	11.04	10.06	0.00
33.20	11.04	10.06	0.00	35.80	11.04	10.06	0.00
33.25	11.04	10.06	0.00	35.85	11.04	10.06	0.00
33.30	11.04	10.06	0.00	35.90	11.04	10.06	0.00
33.35	11.04	10.06	0.00	35.95	11.04	10.06	0.00
33.40	11.04	10.06	0.00	36.00	11.04	10.06	0.00
33.45	11.04	10.06	0.00	36.05	11.04	10.06	0.00
33.50	11.04	10.06	0.00	36.10	11.04	10.06	0.00
33.55	11.04	10.06	0.00	36.15	11.04	10.06	0.00
33.60	11.04	10.06	0.00	36.20	11.04	10.06	0.00
33.65	11.04	10.06	0.00	36.25	11.04	10.06	0.00
33.70	11.04	10.06	0.00	36.30	11.04	10.06	0.00
33.75	11.04	10.06	0.00	36.35	11.04	10.06	0.00

Hydrograph for Subcatchment OPDA-1I: PDA-1 (offsite impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.06	0.00	39.00	11.04	10.06	0.00
36.45	11.04	10.06	0.00	39.05	11.04	10.06	0.00
36.50	11.04	10.06	0.00	39.10	11.04	10.06	0.00
36.55	11.04	10.06	0.00	39.15	11.04	10.06	0.00
36.60	11.04	10.06	0.00	39.20	11.04	10.06	0.00
36.65	11.04	10.06	0.00	39.25	11.04	10.06	0.00
36.70	11.04	10.06	0.00	39.30	11.04	10.06	0.00
36.75	11.04	10.06	0.00	39.35	11.04	10.06	0.00
36.80	11.04	10.06	0.00	39.40	11.04	10.06	0.00
36.85	11.04	10.06	0.00	39.45	11.04	10.06	0.00
36.90	11.04	10.06	0.00	39.50	11.04	10.06	0.00
36.95	11.04	10.06	0.00	39.55	11.04	10.06	0.00
37.00	11.04	10.06	0.00	39.60	11.04	10.06	0.00
37.05	11.04	10.06	0.00	39.65	11.04	10.06	0.00
37.10	11.04	10.06	0.00	39.70	11.04	10.06	0.00
37.15	11.04	10.06	0.00	39.75	11.04	10.06	0.00
37.20	11.04	10.06	0.00	39.80	11.04	10.06	0.00
37.25	11.04	10.06	0.00	39.85	11.04	10.06	0.00
37.30	11.04	10.06	0.00	39.90	11.04	10.06	0.00
37.35	11.04	10.06	0.00	39.95	11.04	10.06	0.00
37.40	11.04	10.06	0.00	40.00	11.04	10.06	0.00
37.45	11.04	10.06	0.00				
37.50	11.04	10.06	0.00				
37.55	11.04	10.06	0.00				
37.60	11.04	10.06	0.00				
37.65	11.04	10.06	0.00				
37.70	11.04	10.06	0.00				
37.75	11.04	10.06	0.00				
37.80	11.04	10.06	0.00				
37.85	11.04	10.06	0.00				
37.90	11.04	10.06	0.00				
37.95	11.04	10.06	0.00				
38.00	11.04	10.06	0.00				
38.05	11.04	10.06	0.00				
38.10	11.04	10.06	0.00				
38.15	11.04	10.06	0.00				
38.20	11.04	10.06	0.00				
38.25	11.04	10.06	0.00				
38.30	11.04	10.06	0.00				
38.35	11.04	10.06	0.00				
38.40	11.04	10.06	0.00				
38.45	11.04	10.06	0.00				
38.50	11.04	10.06	0.00				
38.55	11.04	10.06	0.00				
38.60	11.04	10.06	0.00				
38.65	11.04	10.06	0.00				
38.70	11.04	10.06	0.00				
38.75	11.04	10.06	0.00				
38.80	11.04	10.06	0.00				
38.85	11.04	10.06	0.00				
38.90	11.04	10.06	0.00				
38.95	11.04	10.06	0.00				

Summary for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Runoff = 192.99 cfs @ 12.16 hrs, Volume= 14.002 af, Depth= 6.75"
 Routed to Link PDA-1OF : PDA-1 (offsite)

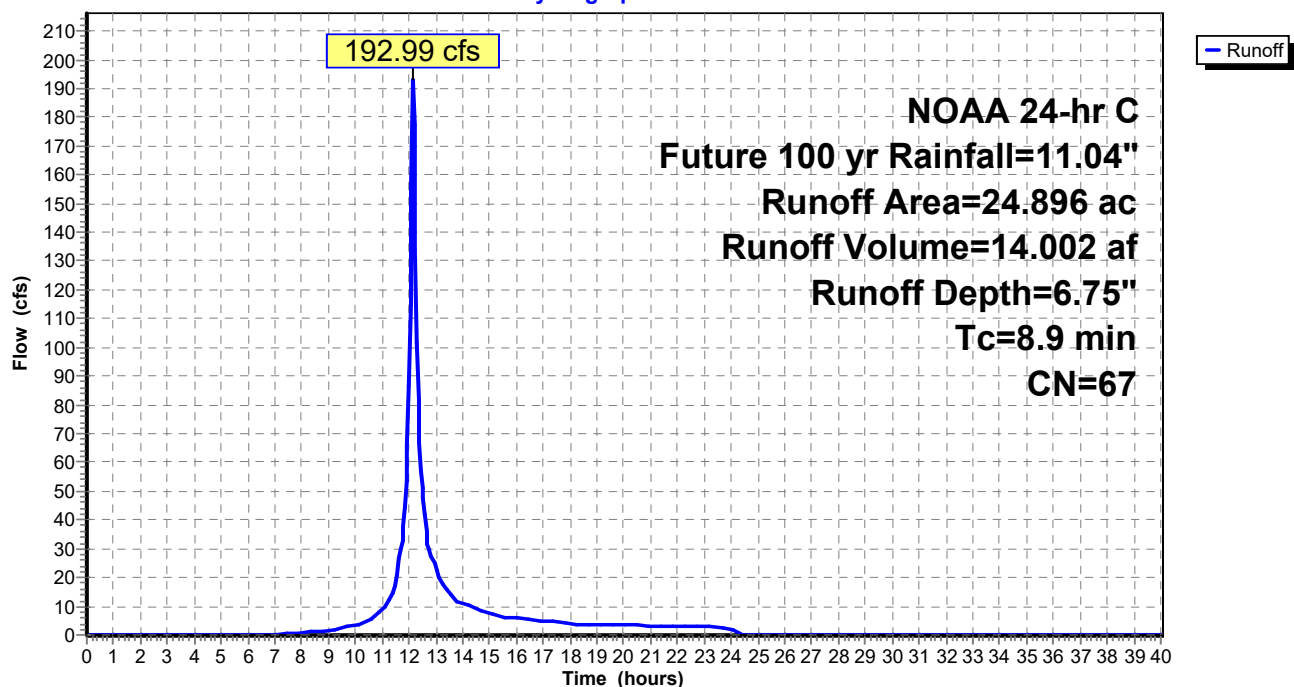
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
12.562	74	>75% Grass cover, Good, HSG C
8.540	55	Woods, Good, HSG B
3.700	70	Woods, Good, HSG C
0.094	77	Woods, Good, HSG D
24.896	67	Weighted Average
24.896		100.00% Pervious Area

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

Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Hydrograph



Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.02	0.60
5.25	0.74	0.00	0.00	7.85	1.28	0.02	0.63
5.30	0.75	0.00	0.00	7.90	1.30	0.02	0.67
5.35	0.76	0.00	0.00	7.95	1.31	0.02	0.70
5.40	0.77	0.00	0.00	8.00	1.32	0.02	0.74
5.45	0.78	0.00	0.00	8.05	1.34	0.02	0.77
5.50	0.79	0.00	0.00	8.10	1.35	0.03	0.81
5.55	0.80	0.00	0.00	8.15	1.36	0.03	0.84
5.60	0.80	0.00	0.00	8.20	1.38	0.03	0.88
5.65	0.81	0.00	0.00	8.25	1.39	0.03	0.92
5.70	0.82	0.00	0.00	8.30	1.40	0.03	0.96
5.75	0.83	0.00	0.00	8.35	1.42	0.04	1.00
5.80	0.84	0.00	0.00	8.40	1.43	0.04	1.03
5.85	0.85	0.00	0.00	8.45	1.45	0.04	1.07
5.90	0.86	0.00	0.00	8.50	1.46	0.04	1.11
5.95	0.87	0.00	0.00	8.55	1.48	0.04	1.16
6.00	0.87	0.00	0.00	8.60	1.49	0.05	1.20
6.05	0.88	0.00	0.00	8.65	1.51	0.05	1.24
6.10	0.89	0.00	0.00	8.70	1.52	0.05	1.28
6.15	0.90	0.00	0.00	8.75	1.54	0.06	1.32
6.20	0.91	0.00	0.00	8.80	1.55	0.06	1.37
6.25	0.92	0.00	0.00	8.85	1.57	0.06	1.41
6.30	0.93	0.00	0.00	8.90	1.58	0.06	1.45
6.35	0.94	0.00	0.00	8.95	1.60	0.07	1.50
6.40	0.95	0.00	0.00	9.00	1.61	0.07	1.54
6.45	0.96	0.00	0.00	9.05	1.63	0.07	1.59
6.50	0.97	0.00	0.00	9.10	1.64	0.08	1.66
6.55	0.98	0.00	0.00	9.15	1.66	0.08	1.73
6.60	0.99	0.00	0.00	9.20	1.68	0.09	1.81
6.65	1.00	0.00	0.00	9.25	1.70	0.09	1.89
6.70	1.01	0.00	0.01	9.30	1.72	0.09	1.98
6.75	1.02	0.00	0.02	9.35	1.73	0.10	2.07
6.80	1.03	0.00	0.04	9.40	1.75	0.10	2.16
6.85	1.04	0.00	0.06	9.45	1.77	0.11	2.25
6.90	1.05	0.00	0.09	9.50	1.79	0.11	2.35
6.95	1.07	0.00	0.11	9.55	1.81	0.12	2.45
7.00	1.08	0.00	0.13	9.60	1.83	0.12	2.56
7.05	1.09	0.00	0.16	9.65	1.85	0.13	2.66
7.10	1.10	0.00	0.18	9.70	1.88	0.14	2.77
7.15	1.11	0.00	0.21	9.75	1.90	0.14	2.88
7.20	1.12	0.00	0.24	9.80	1.92	0.15	2.99
7.25	1.13	0.00	0.26	9.85	1.94	0.16	3.11
7.30	1.15	0.01	0.29	9.90	1.97	0.16	3.23
7.35	1.16	0.01	0.32	9.95	1.99	0.17	3.35
7.40	1.17	0.01	0.35	10.00	2.01	0.18	3.48
7.45	1.18	0.01	0.38	10.05	2.04	0.19	3.60
7.50	1.19	0.01	0.41	10.10	2.06	0.19	3.73
7.55	1.21	0.01	0.44	10.15	2.09	0.20	3.86
7.60	1.22	0.01	0.47	10.20	2.11	0.21	4.00
7.65	1.23	0.01	0.50	10.25	2.14	0.22	4.14
7.70	1.24	0.01	0.53	10.30	2.17	0.23	4.28
7.75	1.26	0.01	0.57	10.35	2.19	0.24	4.42

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.25	4.56	13.00	8.39	4.45	23.04
10.45	2.25	0.26	4.71	13.05	8.43	4.48	21.85
10.50	2.28	0.27	4.86	13.10	8.48	4.52	20.62
10.55	2.31	0.28	5.04	13.15	8.52	4.56	19.47
10.60	2.34	0.29	5.31	13.20	8.56	4.59	18.54
10.65	2.37	0.30	5.65	13.25	8.60	4.62	17.77
10.70	2.41	0.32	6.03	13.30	8.63	4.65	17.06
10.75	2.44	0.33	6.42	13.35	8.67	4.68	16.39
10.80	2.48	0.35	6.84	13.40	8.70	4.71	15.72
10.85	2.52	0.37	7.28	13.45	8.73	4.74	15.06
10.90	2.56	0.38	7.73	13.50	8.76	4.76	14.40
10.95	2.61	0.40	8.19	13.55	8.79	4.79	13.74
11.00	2.65	0.42	8.67	13.60	8.82	4.81	13.08
11.05	2.70	0.44	9.19	13.65	8.85	4.83	12.47
11.10	2.75	0.47	9.87	13.70	8.87	4.86	12.06
11.15	2.80	0.49	10.64	13.75	8.90	4.88	11.78
11.20	2.86	0.52	11.49	13.80	8.93	4.90	11.56
11.25	2.92	0.55	12.37	13.85	8.95	4.92	11.37
11.30	2.98	0.58	13.31	13.90	8.98	4.95	11.20
11.35	3.05	0.61	14.26	13.95	9.00	4.97	11.03
11.40	3.12	0.64	15.27	14.00	9.03	4.99	10.86
11.45	3.19	0.68	16.27	14.05	9.05	5.01	10.68
11.50	3.26	0.72	17.26	14.10	9.07	5.03	10.51
11.55	3.37	0.78	18.69	14.15	9.10	5.05	10.34
11.60	3.49	0.84	22.16	14.20	9.12	5.07	10.17
11.65	3.60	0.91	26.49	14.25	9.14	5.09	10.01
11.70	3.72	0.98	29.76	14.30	9.16	5.11	9.83
11.75	3.88	1.07	32.65	14.35	9.19	5.12	9.65
11.80	4.04	1.17	37.60	14.40	9.21	5.14	9.47
11.85	4.27	1.31	44.30	14.45	9.23	5.16	9.30
11.90	4.49	1.46	53.43	14.50	9.25	5.18	9.13
11.95	4.88	1.72	65.63	14.55	9.27	5.19	8.97
12.00	5.26	1.99	86.55	14.60	9.29	5.21	8.79
12.05	5.91	2.46	115.01	14.65	9.31	5.23	8.61
12.10	6.55	2.95	156.06	14.70	9.32	5.24	8.43
12.15	6.77	3.13	191.91	14.75	9.34	5.26	8.25
12.20	7.00	3.30	176.98	14.80	9.36	5.27	8.08
12.25	7.16	3.43	133.91	14.85	9.38	5.29	7.92
12.30	7.32	3.56	101.53	14.90	9.40	5.30	7.74
12.35	7.44	3.66	81.35	14.95	9.41	5.32	7.56
12.40	7.55	3.75	67.18	15.00	9.43	5.33	7.37
12.45	7.67	3.85	57.05	15.05	9.44	5.35	7.20
12.50	7.78	3.94	51.24	15.10	9.46	5.36	7.03
12.55	7.85	4.00	47.49	15.15	9.47	5.37	6.87
12.60	7.92	4.06	41.85	15.20	9.49	5.39	6.76
12.65	7.99	4.11	35.73	15.25	9.50	5.40	6.68
12.70	8.06	4.17	31.87	15.30	9.52	5.41	6.62
12.75	8.12	4.22	29.71	15.35	9.53	5.42	6.57
12.80	8.18	4.27	28.10	15.40	9.55	5.44	6.52
12.85	8.24	4.32	26.76	15.45	9.56	5.45	6.48
12.90	8.29	4.36	25.48	15.50	9.58	5.46	6.44
12.95	8.34	4.41	24.27	15.55	9.59	5.47	6.39

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	5.49	6.34	18.20	10.20	6.01	3.93
15.65	9.62	5.50	6.30	18.25	10.21	6.01	3.91
15.70	9.64	5.51	6.25	18.30	10.22	6.02	3.90
15.75	9.65	5.52	6.20	18.35	10.23	6.03	3.88
15.80	9.66	5.54	6.15	18.40	10.24	6.04	3.87
15.85	9.68	5.55	6.10	18.45	10.24	6.04	3.86
15.90	9.69	5.56	6.06	18.50	10.25	6.05	3.85
15.95	9.70	5.57	6.02	18.55	10.26	6.06	3.83
16.00	9.72	5.58	5.97	18.60	10.27	6.07	3.82
16.05	9.73	5.59	5.92	18.65	10.28	6.07	3.81
16.10	9.74	5.61	5.88	18.70	10.29	6.08	3.80
16.15	9.76	5.62	5.84	18.75	10.30	6.09	3.79
16.20	9.77	5.63	5.80	18.80	10.30	6.10	3.78
16.25	9.78	5.64	5.75	18.85	10.31	6.10	3.77
16.30	9.80	5.65	5.70	18.90	10.32	6.11	3.75
16.35	9.81	5.66	5.65	18.95	10.33	6.12	3.74
16.40	9.82	5.67	5.60	19.00	10.34	6.13	3.73
16.45	9.83	5.68	5.56	19.05	10.35	6.13	3.72
16.50	9.85	5.69	5.51	19.10	10.35	6.14	3.71
16.55	9.86	5.71	5.46	19.15	10.36	6.15	3.70
16.60	9.87	5.72	5.41	19.20	10.37	6.16	3.68
16.65	9.88	5.73	5.37	19.25	10.38	6.16	3.67
16.70	9.89	5.74	5.33	19.30	10.39	6.17	3.66
16.75	9.91	5.75	5.28	19.35	10.40	6.18	3.65
16.80	9.92	5.76	5.23	19.40	10.40	6.18	3.64
16.85	9.93	5.77	5.18	19.45	10.41	6.19	3.63
16.90	9.94	5.78	5.13	19.50	10.42	6.20	3.61
16.95	9.95	5.79	5.09	19.55	10.43	6.21	3.60
17.00	9.96	5.80	5.05	19.60	10.44	6.21	3.59
17.05	9.97	5.81	5.00	19.65	10.44	6.22	3.58
17.10	9.99	5.82	4.95	19.70	10.45	6.23	3.57
17.15	10.00	5.83	4.91	19.75	10.46	6.23	3.56
17.20	10.01	5.84	4.86	19.80	10.47	6.24	3.55
17.25	10.02	5.85	4.81	19.85	10.48	6.25	3.55
17.30	10.03	5.85	4.76	19.90	10.48	6.26	3.53
17.35	10.04	5.86	4.70	19.95	10.49	6.26	3.52
17.40	10.05	5.87	4.66	20.00	10.50	6.27	3.50
17.45	10.06	5.88	4.62	20.05	10.51	6.28	3.49
17.50	10.07	5.89	4.57	20.10	10.52	6.28	3.47
17.55	10.08	5.90	4.53	20.15	10.52	6.29	3.46
17.60	10.09	5.91	4.48	20.20	10.53	6.30	3.45
17.65	10.10	5.92	4.43	20.25	10.54	6.30	3.44
17.70	10.11	5.93	4.38	20.30	10.55	6.31	3.43
17.75	10.12	5.93	4.34	20.35	10.55	6.32	3.42
17.80	10.13	5.94	4.29	20.40	10.56	6.32	3.40
17.85	10.14	5.95	4.24	20.45	10.57	6.33	3.39
17.90	10.15	5.96	4.19	20.50	10.58	6.34	3.38
17.95	10.16	5.97	4.15	20.55	10.58	6.34	3.37
18.00	10.17	5.97	4.10	20.60	10.59	6.35	3.36
18.05	10.17	5.98	4.05	20.65	10.60	6.36	3.36
18.10	10.18	5.99	4.00	20.70	10.61	6.36	3.35
18.15	10.19	6.00	3.96	20.75	10.61	6.37	3.33

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	6.38	3.31	23.40	10.97	6.68	2.69
20.85	10.63	6.38	3.30	23.45	10.97	6.69	2.69
20.90	10.64	6.39	3.29	23.50	10.98	6.70	2.68
20.95	10.64	6.40	3.27	23.55	10.99	6.70	2.66
21.00	10.65	6.40	3.26	23.60	10.99	6.71	2.64
21.05	10.66	6.41	3.25	23.65	11.00	6.71	2.63
21.10	10.66	6.42	3.24	23.70	11.00	6.72	2.62
21.15	10.67	6.42	3.23	23.75	11.01	6.72	2.62
21.20	10.68	6.43	3.21	23.80	11.01	6.73	2.60
21.25	10.69	6.43	3.20	23.85	11.02	6.73	2.59
21.30	10.69	6.44	3.20	23.90	11.03	6.74	2.57
21.35	10.70	6.45	3.19	23.95	11.03	6.74	2.59
21.40	10.71	6.45	3.18	24.00	11.04	6.75	2.74
21.45	10.71	6.46	3.16	24.05	11.04	6.75	2.79
21.50	10.72	6.47	3.15	24.10	11.04	6.75	2.08
21.55	10.73	6.47	3.13	24.15	11.04	6.75	1.07
21.60	10.74	6.48	3.12	24.20	11.04	6.75	0.46
21.65	10.74	6.48	3.11	24.25	11.04	6.75	0.20
21.70	10.75	6.49	3.10	24.30	11.04	6.75	0.09
21.75	10.76	6.50	3.08	24.35	11.04	6.75	0.04
21.80	10.76	6.50	3.08	24.40	11.04	6.75	0.01
21.85	10.77	6.51	3.07	24.45	11.04	6.75	0.00
21.90	10.78	6.51	3.06	24.50	11.04	6.75	0.00
21.95	10.78	6.52	3.04	24.55	11.04	6.75	0.00
22.00	10.79	6.53	3.03	24.60	11.04	6.75	0.00
22.05	10.80	6.53	3.01	24.65	11.04	6.75	0.00
22.10	10.80	6.54	3.00	24.70	11.04	6.75	0.00
22.15	10.81	6.54	2.99	24.75	11.04	6.75	0.00
22.20	10.82	6.55	2.98	24.80	11.04	6.75	0.00
22.25	10.82	6.56	2.98	24.85	11.04	6.75	0.00
22.30	10.83	6.56	2.97	24.90	11.04	6.75	0.00
22.35	10.84	6.57	2.95	24.95	11.04	6.75	0.00
22.40	10.84	6.57	2.93	25.00	11.04	6.75	0.00
22.45	10.85	6.58	2.92	25.05	11.04	6.75	0.00
22.50	10.86	6.59	2.90	25.10	11.04	6.75	0.00
22.55	10.86	6.59	2.89	25.15	11.04	6.75	0.00
22.60	10.87	6.60	2.89	25.20	11.04	6.75	0.00
22.65	10.88	6.60	2.88	25.25	11.04	6.75	0.00
22.70	10.88	6.61	2.87	25.30	11.04	6.75	0.00
22.75	10.89	6.61	2.85	25.35	11.04	6.75	0.00
22.80	10.89	6.62	2.83	25.40	11.04	6.75	0.00
22.85	10.90	6.62	2.82	25.45	11.04	6.75	0.00
22.90	10.91	6.63	2.81	25.50	11.04	6.75	0.00
22.95	10.91	6.64	2.80	25.55	11.04	6.75	0.00
23.00	10.92	6.64	2.79	25.60	11.04	6.75	0.00
23.05	10.93	6.65	2.79	25.65	11.04	6.75	0.00
23.10	10.93	6.65	2.77	25.70	11.04	6.75	0.00
23.15	10.94	6.66	2.75	25.75	11.04	6.75	0.00
23.20	10.94	6.66	2.74	25.80	11.04	6.75	0.00
23.25	10.95	6.67	2.73	25.85	11.04	6.75	0.00
23.30	10.96	6.67	2.71	25.90	11.04	6.75	0.00
23.35	10.96	6.68	2.70	25.95	11.04	6.75	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	6.75	0.00	28.60	11.04	6.75	0.00
26.05	11.04	6.75	0.00	28.65	11.04	6.75	0.00
26.10	11.04	6.75	0.00	28.70	11.04	6.75	0.00
26.15	11.04	6.75	0.00	28.75	11.04	6.75	0.00
26.20	11.04	6.75	0.00	28.80	11.04	6.75	0.00
26.25	11.04	6.75	0.00	28.85	11.04	6.75	0.00
26.30	11.04	6.75	0.00	28.90	11.04	6.75	0.00
26.35	11.04	6.75	0.00	28.95	11.04	6.75	0.00
26.40	11.04	6.75	0.00	29.00	11.04	6.75	0.00
26.45	11.04	6.75	0.00	29.05	11.04	6.75	0.00
26.50	11.04	6.75	0.00	29.10	11.04	6.75	0.00
26.55	11.04	6.75	0.00	29.15	11.04	6.75	0.00
26.60	11.04	6.75	0.00	29.20	11.04	6.75	0.00
26.65	11.04	6.75	0.00	29.25	11.04	6.75	0.00
26.70	11.04	6.75	0.00	29.30	11.04	6.75	0.00
26.75	11.04	6.75	0.00	29.35	11.04	6.75	0.00
26.80	11.04	6.75	0.00	29.40	11.04	6.75	0.00
26.85	11.04	6.75	0.00	29.45	11.04	6.75	0.00
26.90	11.04	6.75	0.00	29.50	11.04	6.75	0.00
26.95	11.04	6.75	0.00	29.55	11.04	6.75	0.00
27.00	11.04	6.75	0.00	29.60	11.04	6.75	0.00
27.05	11.04	6.75	0.00	29.65	11.04	6.75	0.00
27.10	11.04	6.75	0.00	29.70	11.04	6.75	0.00
27.15	11.04	6.75	0.00	29.75	11.04	6.75	0.00
27.20	11.04	6.75	0.00	29.80	11.04	6.75	0.00
27.25	11.04	6.75	0.00	29.85	11.04	6.75	0.00
27.30	11.04	6.75	0.00	29.90	11.04	6.75	0.00
27.35	11.04	6.75	0.00	29.95	11.04	6.75	0.00
27.40	11.04	6.75	0.00	30.00	11.04	6.75	0.00
27.45	11.04	6.75	0.00	30.05	11.04	6.75	0.00
27.50	11.04	6.75	0.00	30.10	11.04	6.75	0.00
27.55	11.04	6.75	0.00	30.15	11.04	6.75	0.00
27.60	11.04	6.75	0.00	30.20	11.04	6.75	0.00
27.65	11.04	6.75	0.00	30.25	11.04	6.75	0.00
27.70	11.04	6.75	0.00	30.30	11.04	6.75	0.00
27.75	11.04	6.75	0.00	30.35	11.04	6.75	0.00
27.80	11.04	6.75	0.00	30.40	11.04	6.75	0.00
27.85	11.04	6.75	0.00	30.45	11.04	6.75	0.00
27.90	11.04	6.75	0.00	30.50	11.04	6.75	0.00
27.95	11.04	6.75	0.00	30.55	11.04	6.75	0.00
28.00	11.04	6.75	0.00	30.60	11.04	6.75	0.00
28.05	11.04	6.75	0.00	30.65	11.04	6.75	0.00
28.10	11.04	6.75	0.00	30.70	11.04	6.75	0.00
28.15	11.04	6.75	0.00	30.75	11.04	6.75	0.00
28.20	11.04	6.75	0.00	30.80	11.04	6.75	0.00
28.25	11.04	6.75	0.00	30.85	11.04	6.75	0.00
28.30	11.04	6.75	0.00	30.90	11.04	6.75	0.00
28.35	11.04	6.75	0.00	30.95	11.04	6.75	0.00
28.40	11.04	6.75	0.00	31.00	11.04	6.75	0.00
28.45	11.04	6.75	0.00	31.05	11.04	6.75	0.00
28.50	11.04	6.75	0.00	31.10	11.04	6.75	0.00
28.55	11.04	6.75	0.00	31.15	11.04	6.75	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	6.75	0.00	33.80	11.04	6.75	0.00
31.25	11.04	6.75	0.00	33.85	11.04	6.75	0.00
31.30	11.04	6.75	0.00	33.90	11.04	6.75	0.00
31.35	11.04	6.75	0.00	33.95	11.04	6.75	0.00
31.40	11.04	6.75	0.00	34.00	11.04	6.75	0.00
31.45	11.04	6.75	0.00	34.05	11.04	6.75	0.00
31.50	11.04	6.75	0.00	34.10	11.04	6.75	0.00
31.55	11.04	6.75	0.00	34.15	11.04	6.75	0.00
31.60	11.04	6.75	0.00	34.20	11.04	6.75	0.00
31.65	11.04	6.75	0.00	34.25	11.04	6.75	0.00
31.70	11.04	6.75	0.00	34.30	11.04	6.75	0.00
31.75	11.04	6.75	0.00	34.35	11.04	6.75	0.00
31.80	11.04	6.75	0.00	34.40	11.04	6.75	0.00
31.85	11.04	6.75	0.00	34.45	11.04	6.75	0.00
31.90	11.04	6.75	0.00	34.50	11.04	6.75	0.00
31.95	11.04	6.75	0.00	34.55	11.04	6.75	0.00
32.00	11.04	6.75	0.00	34.60	11.04	6.75	0.00
32.05	11.04	6.75	0.00	34.65	11.04	6.75	0.00
32.10	11.04	6.75	0.00	34.70	11.04	6.75	0.00
32.15	11.04	6.75	0.00	34.75	11.04	6.75	0.00
32.20	11.04	6.75	0.00	34.80	11.04	6.75	0.00
32.25	11.04	6.75	0.00	34.85	11.04	6.75	0.00
32.30	11.04	6.75	0.00	34.90	11.04	6.75	0.00
32.35	11.04	6.75	0.00	34.95	11.04	6.75	0.00
32.40	11.04	6.75	0.00	35.00	11.04	6.75	0.00
32.45	11.04	6.75	0.00	35.05	11.04	6.75	0.00
32.50	11.04	6.75	0.00	35.10	11.04	6.75	0.00
32.55	11.04	6.75	0.00	35.15	11.04	6.75	0.00
32.60	11.04	6.75	0.00	35.20	11.04	6.75	0.00
32.65	11.04	6.75	0.00	35.25	11.04	6.75	0.00
32.70	11.04	6.75	0.00	35.30	11.04	6.75	0.00
32.75	11.04	6.75	0.00	35.35	11.04	6.75	0.00
32.80	11.04	6.75	0.00	35.40	11.04	6.75	0.00
32.85	11.04	6.75	0.00	35.45	11.04	6.75	0.00
32.90	11.04	6.75	0.00	35.50	11.04	6.75	0.00
32.95	11.04	6.75	0.00	35.55	11.04	6.75	0.00
33.00	11.04	6.75	0.00	35.60	11.04	6.75	0.00
33.05	11.04	6.75	0.00	35.65	11.04	6.75	0.00
33.10	11.04	6.75	0.00	35.70	11.04	6.75	0.00
33.15	11.04	6.75	0.00	35.75	11.04	6.75	0.00
33.20	11.04	6.75	0.00	35.80	11.04	6.75	0.00
33.25	11.04	6.75	0.00	35.85	11.04	6.75	0.00
33.30	11.04	6.75	0.00	35.90	11.04	6.75	0.00
33.35	11.04	6.75	0.00	35.95	11.04	6.75	0.00
33.40	11.04	6.75	0.00	36.00	11.04	6.75	0.00
33.45	11.04	6.75	0.00	36.05	11.04	6.75	0.00
33.50	11.04	6.75	0.00	36.10	11.04	6.75	0.00
33.55	11.04	6.75	0.00	36.15	11.04	6.75	0.00
33.60	11.04	6.75	0.00	36.20	11.04	6.75	0.00
33.65	11.04	6.75	0.00	36.25	11.04	6.75	0.00
33.70	11.04	6.75	0.00	36.30	11.04	6.75	0.00
33.75	11.04	6.75	0.00	36.35	11.04	6.75	0.00

Hydrograph for Subcatchment OPDA-1P: PDA-1 (offsite pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	6.75	0.00	39.00	11.04	6.75	0.00
36.45	11.04	6.75	0.00	39.05	11.04	6.75	0.00
36.50	11.04	6.75	0.00	39.10	11.04	6.75	0.00
36.55	11.04	6.75	0.00	39.15	11.04	6.75	0.00
36.60	11.04	6.75	0.00	39.20	11.04	6.75	0.00
36.65	11.04	6.75	0.00	39.25	11.04	6.75	0.00
36.70	11.04	6.75	0.00	39.30	11.04	6.75	0.00
36.75	11.04	6.75	0.00	39.35	11.04	6.75	0.00
36.80	11.04	6.75	0.00	39.40	11.04	6.75	0.00
36.85	11.04	6.75	0.00	39.45	11.04	6.75	0.00
36.90	11.04	6.75	0.00	39.50	11.04	6.75	0.00
36.95	11.04	6.75	0.00	39.55	11.04	6.75	0.00
37.00	11.04	6.75	0.00	39.60	11.04	6.75	0.00
37.05	11.04	6.75	0.00	39.65	11.04	6.75	0.00
37.10	11.04	6.75	0.00	39.70	11.04	6.75	0.00
37.15	11.04	6.75	0.00	39.75	11.04	6.75	0.00
37.20	11.04	6.75	0.00	39.80	11.04	6.75	0.00
37.25	11.04	6.75	0.00	39.85	11.04	6.75	0.00
37.30	11.04	6.75	0.00	39.90	11.04	6.75	0.00
37.35	11.04	6.75	0.00	39.95	11.04	6.75	0.00
37.40	11.04	6.75	0.00	40.00	11.04	6.75	0.00
37.45	11.04	6.75	0.00				
37.50	11.04	6.75	0.00				
37.55	11.04	6.75	0.00				
37.60	11.04	6.75	0.00				
37.65	11.04	6.75	0.00				
37.70	11.04	6.75	0.00				
37.75	11.04	6.75	0.00				
37.80	11.04	6.75	0.00				
37.85	11.04	6.75	0.00				
37.90	11.04	6.75	0.00				
37.95	11.04	6.75	0.00				
38.00	11.04	6.75	0.00				
38.05	11.04	6.75	0.00				
38.10	11.04	6.75	0.00				
38.15	11.04	6.75	0.00				
38.20	11.04	6.75	0.00				
38.25	11.04	6.75	0.00				
38.30	11.04	6.75	0.00				
38.35	11.04	6.75	0.00				
38.40	11.04	6.75	0.00				
38.45	11.04	6.75	0.00				
38.50	11.04	6.75	0.00				
38.55	11.04	6.75	0.00				
38.60	11.04	6.75	0.00				
38.65	11.04	6.75	0.00				
38.70	11.04	6.75	0.00				
38.75	11.04	6.75	0.00				
38.80	11.04	6.75	0.00				
38.85	11.04	6.75	0.00				
38.90	11.04	6.75	0.00				
38.95	11.04	6.75	0.00				

Summary for Subcatchment UPDA-1: PDA-1 (undetained)

Runoff = 143.79 cfs @ 12.35 hrs, Volume= 15.990 af, Depth= 7.72"
Routed to Link PDA-1ON : PDA-1 (onsite)

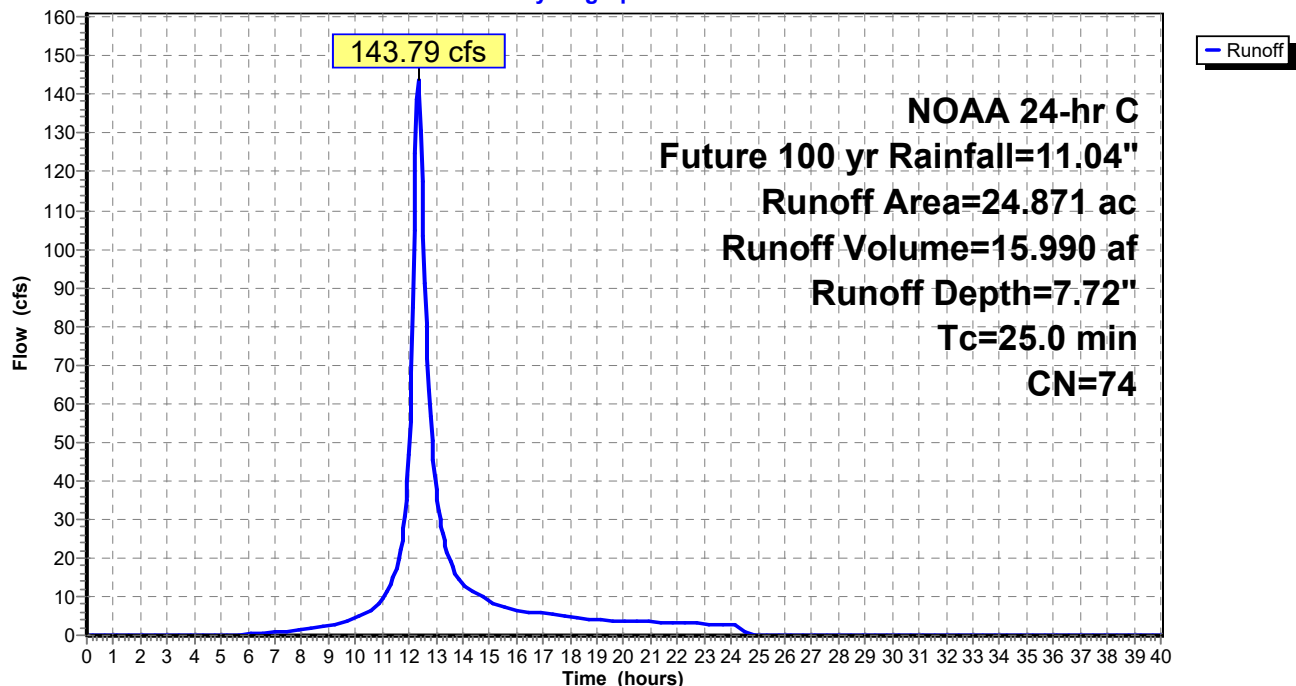
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
24.871	74	>75% Grass cover, Good, HSG C
24.871		100.00% Pervious Area

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

Subcatchment UPDA-1: PDA-1 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	1.35
5.25	0.74	0.00	0.01	7.85	1.28	0.08	1.39
5.30	0.75	0.00	0.01	7.90	1.30	0.09	1.43
5.35	0.76	0.00	0.02	7.95	1.31	0.09	1.48
5.40	0.77	0.00	0.03	8.00	1.32	0.09	1.52
5.45	0.78	0.00	0.04	8.05	1.34	0.10	1.56
5.50	0.79	0.00	0.06	8.10	1.35	0.10	1.61
5.55	0.80	0.00	0.08	8.15	1.36	0.10	1.65
5.60	0.80	0.00	0.09	8.20	1.38	0.11	1.70
5.65	0.81	0.00	0.11	8.25	1.39	0.11	1.74
5.70	0.82	0.00	0.13	8.30	1.40	0.12	1.79
5.75	0.83	0.00	0.15	8.35	1.42	0.12	1.83
5.80	0.84	0.01	0.17	8.40	1.43	0.13	1.88
5.85	0.85	0.01	0.19	8.45	1.45	0.13	1.93
5.90	0.86	0.01	0.21	8.50	1.46	0.13	1.97
5.95	0.87	0.01	0.23	8.55	1.48	0.14	2.02
6.00	0.87	0.01	0.25	8.60	1.49	0.14	2.07
6.05	0.88	0.01	0.27	8.65	1.51	0.15	2.12
6.10	0.89	0.01	0.29	8.70	1.52	0.15	2.17
6.15	0.90	0.01	0.31	8.75	1.54	0.16	2.22
6.20	0.91	0.01	0.33	8.80	1.55	0.16	2.27
6.25	0.92	0.01	0.35	8.85	1.57	0.17	2.32
6.30	0.93	0.01	0.38	8.90	1.58	0.18	2.37
6.35	0.94	0.02	0.40	8.95	1.60	0.18	2.42
6.40	0.95	0.02	0.42	9.00	1.61	0.19	2.47
6.45	0.96	0.02	0.45	9.05	1.63	0.19	2.52
6.50	0.97	0.02	0.48	9.10	1.64	0.20	2.58
6.55	0.98	0.02	0.50	9.15	1.66	0.21	2.64
6.60	0.99	0.02	0.53	9.20	1.68	0.21	2.70
6.65	1.00	0.02	0.56	9.25	1.70	0.22	2.77
6.70	1.01	0.02	0.59	9.30	1.72	0.23	2.85
6.75	1.02	0.03	0.61	9.35	1.73	0.23	2.94
6.80	1.03	0.03	0.64	9.40	1.75	0.24	3.04
6.85	1.04	0.03	0.67	9.45	1.77	0.25	3.14
6.90	1.05	0.03	0.70	9.50	1.79	0.26	3.25
6.95	1.07	0.03	0.74	9.55	1.81	0.27	3.36
7.00	1.08	0.04	0.77	9.60	1.83	0.28	3.48
7.05	1.09	0.04	0.80	9.65	1.85	0.28	3.60
7.10	1.10	0.04	0.83	9.70	1.88	0.29	3.72
7.15	1.11	0.04	0.87	9.75	1.90	0.30	3.85
7.20	1.12	0.04	0.90	9.80	1.92	0.31	3.98
7.25	1.13	0.05	0.94	9.85	1.94	0.32	4.11
7.30	1.15	0.05	0.97	9.90	1.97	0.33	4.25
7.35	1.16	0.05	1.01	9.95	1.99	0.34	4.39
7.40	1.17	0.05	1.04	10.00	2.01	0.36	4.53
7.45	1.18	0.06	1.08	10.05	2.04	0.37	4.67
7.50	1.19	0.06	1.12	10.10	2.06	0.38	4.82
7.55	1.21	0.06	1.15	10.15	2.09	0.39	4.97
7.60	1.22	0.07	1.19	10.20	2.11	0.40	5.12
7.65	1.23	0.07	1.23	10.25	2.14	0.42	5.27
7.70	1.24	0.07	1.27	10.30	2.17	0.43	5.43
7.75	1.26	0.08	1.31	10.35	2.19	0.44	5.59

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	5.75	13.00	8.39	5.28	37.62
10.45	2.25	0.47	5.92	13.05	8.43	5.32	34.71
10.50	2.28	0.49	6.08	13.10	8.48	5.36	32.21
10.55	2.31	0.50	6.25	13.15	8.52	5.39	30.00
10.60	2.34	0.52	6.43	13.20	8.56	5.43	28.03
10.65	2.37	0.54	6.62	13.25	8.60	5.46	26.24
10.70	2.41	0.56	6.85	13.30	8.63	5.50	24.64
10.75	2.44	0.58	7.12	13.35	8.67	5.53	23.18
10.80	2.48	0.60	7.44	13.40	8.70	5.56	21.87
10.85	2.52	0.62	7.81	13.45	8.73	5.59	20.70
10.90	2.56	0.64	8.21	13.50	8.76	5.61	19.67
10.95	2.61	0.67	8.65	13.55	8.79	5.64	18.75
11.00	2.65	0.69	9.12	13.60	8.82	5.67	17.89
11.05	2.70	0.72	9.61	13.65	8.85	5.69	17.07
11.10	2.75	0.75	10.14	13.70	8.87	5.71	16.30
11.15	2.80	0.79	10.70	13.75	8.90	5.74	15.57
11.20	2.86	0.82	11.33	13.80	8.93	5.76	14.90
11.25	2.92	0.86	12.03	13.85	8.95	5.79	14.30
11.30	2.98	0.90	12.80	13.90	8.98	5.81	13.80
11.35	3.05	0.94	13.65	13.95	9.00	5.83	13.36
11.40	3.12	0.98	14.56	14.00	9.03	5.85	12.99
11.45	3.19	1.03	15.53	14.05	9.05	5.88	12.67
11.50	3.26	1.08	16.54	14.10	9.07	5.90	12.39
11.55	3.37	1.15	17.60	14.15	9.10	5.92	12.13
11.60	3.49	1.23	18.79	14.20	9.12	5.94	11.89
11.65	3.60	1.31	20.27	14.25	9.14	5.96	11.67
11.70	3.72	1.39	22.21	14.30	9.16	5.98	11.45
11.75	3.88	1.51	24.70	14.35	9.19	6.00	11.24
11.80	4.04	1.63	27.63	14.40	9.21	6.02	11.04
11.85	4.27	1.79	31.03	14.45	9.23	6.04	10.84
11.90	4.49	1.96	35.08	14.50	9.25	6.06	10.65
11.95	4.88	2.27	40.09	14.55	9.27	6.07	10.46
12.00	5.26	2.57	46.66	14.60	9.29	6.09	10.27
12.05	5.91	3.11	55.45	14.65	9.31	6.11	10.08
12.10	6.55	3.65	67.97	14.70	9.32	6.13	9.89
12.15	6.77	3.85	84.91	14.75	9.34	6.14	9.70
12.20	7.00	4.04	105.02	14.80	9.36	6.16	9.52
12.25	7.16	4.18	124.79	14.85	9.38	6.17	9.33
12.30	7.32	4.32	138.88	14.90	9.40	6.19	9.14
12.35	7.44	4.43	143.77	14.95	9.41	6.21	8.95
12.40	7.55	4.53	140.06	15.00	9.43	6.22	8.76
12.45	7.67	4.63	130.47	15.05	9.44	6.23	8.58
12.50	7.78	4.73	117.31	15.10	9.46	6.25	8.39
12.55	7.85	4.79	103.42	15.15	9.47	6.26	8.20
12.60	7.92	4.86	91.10	15.20	9.49	6.28	8.02
12.65	7.99	4.92	80.83	15.25	9.50	6.29	7.84
12.70	8.06	4.98	71.80	15.30	9.52	6.30	7.68
12.75	8.12	5.03	63.72	15.35	9.53	6.32	7.53
12.80	8.18	5.09	56.65	15.40	9.55	6.33	7.40
12.85	8.24	5.14	50.58	15.45	9.56	6.34	7.29
12.90	8.29	5.19	45.43	15.50	9.58	6.36	7.19
12.95	8.34	5.23	41.12	15.55	9.59	6.37	7.11

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	7.03	18.20	10.20	6.93	4.37
15.65	9.62	6.40	6.97	18.25	10.21	6.94	4.32
15.70	9.64	6.41	6.90	18.30	10.22	6.95	4.28
15.75	9.65	6.42	6.85	18.35	10.23	6.96	4.24
15.80	9.66	6.44	6.79	18.40	10.24	6.97	4.21
15.85	9.68	6.45	6.73	18.45	10.24	6.97	4.18
15.90	9.69	6.46	6.68	18.50	10.25	6.98	4.15
15.95	9.70	6.47	6.62	18.55	10.26	6.99	4.13
16.00	9.72	6.49	6.57	18.60	10.27	7.00	4.11
16.05	9.73	6.50	6.52	18.65	10.28	7.01	4.09
16.10	9.74	6.51	6.47	18.70	10.29	7.01	4.08
16.15	9.76	6.52	6.42	18.75	10.30	7.02	4.06
16.20	9.77	6.54	6.37	18.80	10.30	7.03	4.05
16.25	9.78	6.55	6.32	18.85	10.31	7.04	4.03
16.30	9.80	6.56	6.27	18.90	10.32	7.04	4.02
16.35	9.81	6.57	6.22	18.95	10.33	7.05	4.01
16.40	9.82	6.58	6.17	19.00	10.34	7.06	3.99
16.45	9.83	6.59	6.12	19.05	10.35	7.07	3.98
16.50	9.85	6.60	6.07	19.10	10.35	7.08	3.97
16.55	9.86	6.62	6.02	19.15	10.36	7.08	3.95
16.60	9.87	6.63	5.97	19.20	10.37	7.09	3.94
16.65	9.88	6.64	5.92	19.25	10.38	7.10	3.93
16.70	9.89	6.65	5.87	19.30	10.39	7.11	3.92
16.75	9.91	6.66	5.82	19.35	10.40	7.11	3.90
16.80	9.92	6.67	5.78	19.40	10.40	7.12	3.89
16.85	9.93	6.68	5.73	19.45	10.41	7.13	3.88
16.90	9.94	6.69	5.68	19.50	10.42	7.14	3.87
16.95	9.95	6.70	5.62	19.55	10.43	7.14	3.85
17.00	9.96	6.71	5.57	19.60	10.44	7.15	3.84
17.05	9.97	6.72	5.52	19.65	10.44	7.16	3.83
17.10	9.99	6.73	5.48	19.70	10.45	7.17	3.82
17.15	10.00	6.74	5.43	19.75	10.46	7.17	3.80
17.20	10.01	6.75	5.38	19.80	10.47	7.18	3.79
17.25	10.02	6.76	5.33	19.85	10.48	7.19	3.78
17.30	10.03	6.77	5.28	19.90	10.48	7.20	3.77
17.35	10.04	6.78	5.23	19.95	10.49	7.20	3.76
17.40	10.05	6.79	5.18	20.00	10.50	7.21	3.75
17.45	10.06	6.80	5.12	20.05	10.51	7.22	3.74
17.50	10.07	6.81	5.07	20.10	10.52	7.23	3.72
17.55	10.08	6.82	5.02	20.15	10.52	7.23	3.71
17.60	10.09	6.83	4.97	20.20	10.53	7.24	3.70
17.65	10.10	6.84	4.92	20.25	10.54	7.25	3.68
17.70	10.11	6.85	4.87	20.30	10.55	7.25	3.67
17.75	10.12	6.86	4.82	20.35	10.55	7.26	3.66
17.80	10.13	6.87	4.77	20.40	10.56	7.27	3.64
17.85	10.14	6.87	4.72	20.45	10.57	7.28	3.63
17.90	10.15	6.88	4.67	20.50	10.58	7.28	3.62
17.95	10.16	6.89	4.62	20.55	10.58	7.29	3.60
18.00	10.17	6.90	4.57	20.60	10.59	7.30	3.59
18.05	10.17	6.91	4.52	20.65	10.60	7.30	3.58
18.10	10.18	6.92	4.47	20.70	10.61	7.31	3.57
18.15	10.19	6.92	4.42	20.75	10.61	7.32	3.56

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	3.55	23.40	10.97	7.65	2.89
20.85	10.63	7.33	3.53	23.45	10.97	7.65	2.87
20.90	10.64	7.34	3.52	23.50	10.98	7.66	2.86
20.95	10.64	7.34	3.51	23.55	10.99	7.66	2.85
21.00	10.65	7.35	3.49	23.60	10.99	7.67	2.84
21.05	10.66	7.36	3.48	23.65	11.00	7.67	2.83
21.10	10.66	7.36	3.47	23.70	11.00	7.68	2.81
21.15	10.67	7.37	3.45	23.75	11.01	7.69	2.80
21.20	10.68	7.38	3.44	23.80	11.01	7.69	2.79
21.25	10.69	7.38	3.43	23.85	11.02	7.70	2.77
21.30	10.69	7.39	3.42	23.90	11.03	7.70	2.76
21.35	10.70	7.40	3.40	23.95	11.03	7.71	2.75
21.40	10.71	7.40	3.39	24.00	11.04	7.72	2.74
21.45	10.71	7.41	3.38	24.05	11.04	7.72	2.75
21.50	10.72	7.42	3.37	24.10	11.04	7.72	2.75
21.55	10.73	7.42	3.36	24.15	11.04	7.72	2.70
21.60	10.74	7.43	3.35	24.20	11.04	7.72	2.54
21.65	10.74	7.44	3.33	24.25	11.04	7.72	2.25
21.70	10.75	7.44	3.32	24.30	11.04	7.72	1.89
21.75	10.76	7.45	3.30	24.35	11.04	7.72	1.50
21.80	10.76	7.46	3.29	24.40	11.04	7.72	1.15
21.85	10.77	7.46	3.28	24.45	11.04	7.72	0.85
21.90	10.78	7.47	3.27	24.50	11.04	7.72	0.63
21.95	10.78	7.48	3.26	24.55	11.04	7.72	0.47
22.00	10.79	7.48	3.24	24.60	11.04	7.72	0.35
22.05	10.80	7.49	3.23	24.65	11.04	7.72	0.26
22.10	10.80	7.49	3.22	24.70	11.04	7.72	0.19
22.15	10.81	7.50	3.21	24.75	11.04	7.72	0.14
22.20	10.82	7.51	3.19	24.80	11.04	7.72	0.11
22.25	10.82	7.51	3.18	24.85	11.04	7.72	0.08
22.30	10.83	7.52	3.17	24.90	11.04	7.72	0.06
22.35	10.84	7.53	3.16	24.95	11.04	7.72	0.04
22.40	10.84	7.53	3.14	25.00	11.04	7.72	0.03
22.45	10.85	7.54	3.13	25.05	11.04	7.72	0.02
22.50	10.86	7.54	3.12	25.10	11.04	7.72	0.02
22.55	10.86	7.55	3.10	25.15	11.04	7.72	0.01
22.60	10.87	7.56	3.09	25.20	11.04	7.72	0.01
22.65	10.88	7.56	3.08	25.25	11.04	7.72	0.00
22.70	10.88	7.57	3.07	25.30	11.04	7.72	0.00
22.75	10.89	7.57	3.05	25.35	11.04	7.72	0.00
22.80	10.89	7.58	3.04	25.40	11.04	7.72	0.00
22.85	10.90	7.58	3.03	25.45	11.04	7.72	0.00
22.90	10.91	7.59	3.02	25.50	11.04	7.72	0.00
22.95	10.91	7.60	3.00	25.55	11.04	7.72	0.00
23.00	10.92	7.60	2.99	25.60	11.04	7.72	0.00
23.05	10.93	7.61	2.98	25.65	11.04	7.72	0.00
23.10	10.93	7.61	2.96	25.70	11.04	7.72	0.00
23.15	10.94	7.62	2.95	25.75	11.04	7.72	0.00
23.20	10.94	7.63	2.94	25.80	11.04	7.72	0.00
23.25	10.95	7.63	2.93	25.85	11.04	7.72	0.00
23.30	10.96	7.64	2.91	25.90	11.04	7.72	0.00
23.35	10.96	7.64	2.90	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-1: PDA-1 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Pond B-1: Basin #1

Inflow Area = 2.782 ac, 26.02% Impervious, Inflow Depth > 8.07" for Future 100 yr event
 Inflow = 14.63 cfs @ 12.19 hrs, Volume= 1.871 af
 Outflow = 8.00 cfs @ 12.75 hrs, Volume= 1.451 af, Atten= 45%, Lag= 33.6 min
 Primary = 8.00 cfs @ 12.75 hrs, Volume= 1.451 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 211.82' @ 12.75 hrs Surf.Area= 12,945 sf Storage= 32,574 cf

Plug-Flow detention time= 354.7 min calculated for 1.450 af (77% of inflow)
 Center-of-Mass det. time= 217.7 min (1,119.1 - 901.4)

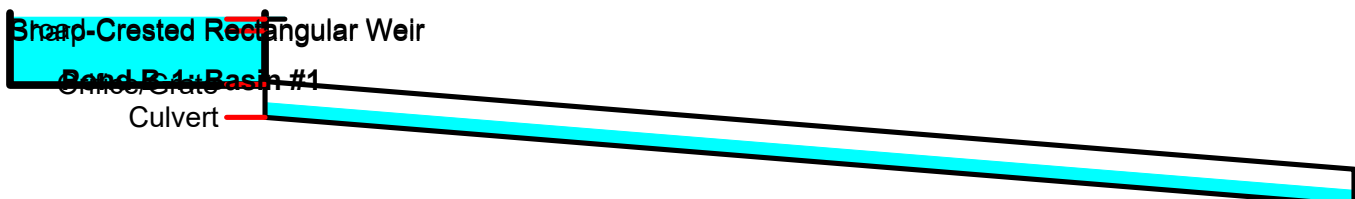
Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	34,903 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

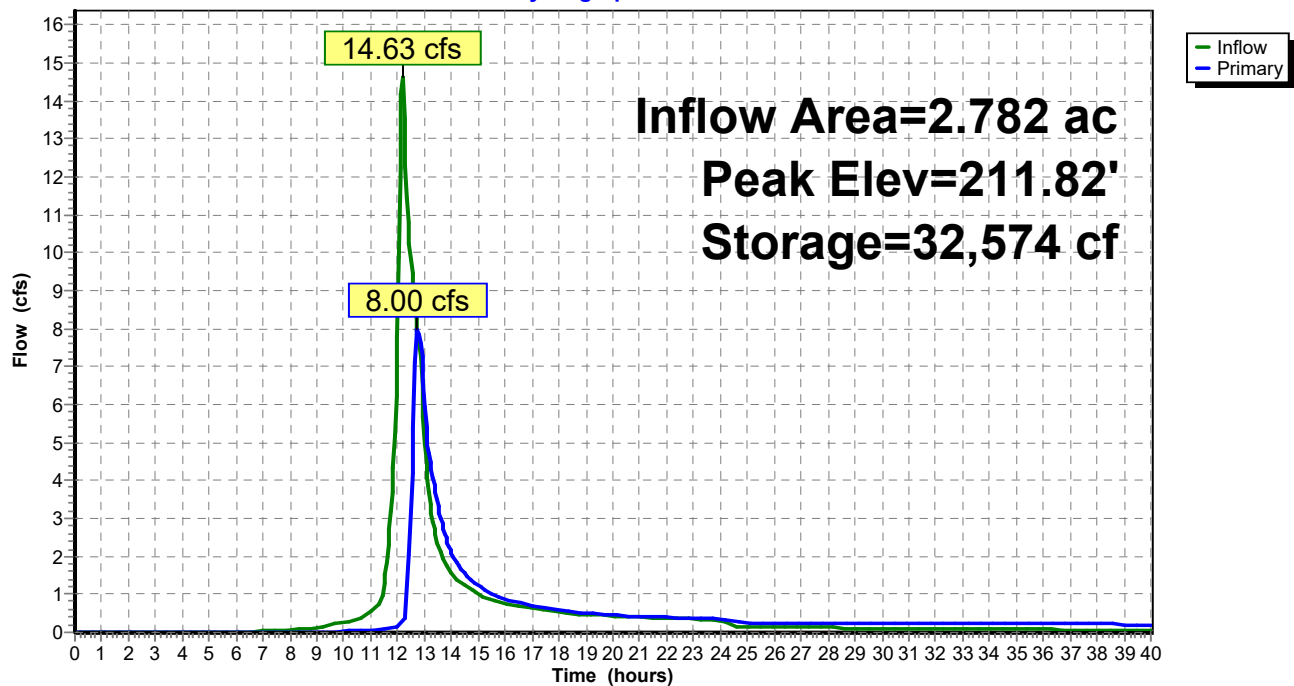
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	10,187	0	0
210.00	11,133	10,660	10,660
211.00	12,113	11,623	22,283
212.00	13,126	12,620	34,903

Device	Routing	Invert	Outlet Devices
#1	Primary	207.65'	18.0" Round Culvert L= 276.0' Ke= 0.500 Inlet / Outlet Invert= 207.65' / 204.00' S= 0.0132 ' /' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	209.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	211.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.75'	50.0' long + 3.0 ' /' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=7.99 cfs @ 12.75 hrs HW=211.82' (Free Discharge)

1=Culvert (Passes 5.76 cfs of 13.93 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 7.91 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.49 cfs @ 2.47 fps)
 4=Broad-Crested Rectangular Weir (Weir Controls 2.24 cfs @ 0.62 fps)



Pond B-1: Basin #1**Hydrograph**

Hydrograph for Pond B-1: Basin #1

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	0	209.00	0.00
0.60	0.00	0	209.00	0.00
0.70	0.00	0	209.00	0.00
0.80	0.00	0	209.00	0.00
0.90	0.00	0	209.00	0.00
1.00	0.00	0	209.00	0.00
1.10	0.00	0	209.00	0.00
1.20	0.00	0	209.00	0.00
1.30	0.00	0	209.00	0.00
1.40	0.00	0	209.00	0.00
1.50	0.00	0	209.00	0.00
1.60	0.00	0	209.00	0.00
1.70	0.00	0	209.00	0.00
1.80	0.00	0	209.00	0.00
1.90	0.00	0	209.00	0.00
2.00	0.00	0	209.00	0.00
2.10	0.00	0	209.00	0.00
2.20	0.00	0	209.00	0.00
2.30	0.00	0	209.00	0.00
2.40	0.00	0	209.00	0.00
2.50	0.00	0	209.00	0.00
2.60	0.00	0	209.00	0.00
2.70	0.00	0	209.00	0.00
2.80	0.00	0	209.00	0.00
2.90	0.00	0	209.00	0.00
3.00	0.00	0	209.00	0.00
3.10	0.00	0	209.00	0.00
3.20	0.00	0	209.00	0.00
3.30	0.00	0	209.00	0.00
3.40	0.00	0	209.00	0.00
3.50	0.00	0	209.00	0.00
3.60	0.00	0	209.00	0.00
3.70	0.00	0	209.00	0.00
3.80	0.00	0	209.00	0.00
3.90	0.00	0	209.00	0.00
4.00	0.00	0	209.00	0.00
4.10	0.00	0	209.00	0.00
4.20	0.00	0	209.00	0.00
4.30	0.00	0	209.00	0.00
4.40	0.00	0	209.00	0.00
4.50	0.00	0	209.00	0.00
4.60	0.00	0	209.00	0.00
4.70	0.00	0	209.00	0.00
4.80	0.00	0	209.00	0.00
4.90	0.00	0	209.00	0.00
5.00	0.00	0	209.00	0.00
5.10	0.00	0	209.00	0.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	209.00	0.00
5.30	0.00	1	209.00	0.00
5.40	0.00	2	209.00	0.00
5.50	0.00	3	209.00	0.00
5.60	0.01	5	209.00	0.00
5.70	0.01	8	209.00	0.00
5.80	0.01	11	209.00	0.00
5.90	0.01	14	209.00	0.00
6.00	0.01	19	209.00	0.00
6.10	0.01	23	209.00	0.00
6.20	0.02	29	209.00	0.00
6.30	0.02	35	209.00	0.00
6.40	0.02	41	209.00	0.00
6.50	0.02	49	209.00	0.00
6.60	0.02	57	209.01	0.00
6.70	0.03	65	209.01	0.00
6.80	0.03	75	209.01	0.00
6.90	0.03	86	209.01	0.00
7.00	0.03	97	209.01	0.00
7.10	0.04	109	209.01	0.00
7.20	0.04	122	209.01	0.00
7.30	0.04	137	209.01	0.00
7.40	0.04	152	209.01	0.00
7.50	0.05	168	209.02	0.00
7.60	0.05	185	209.02	0.00
7.70	0.05	203	209.02	0.00
7.80	0.06	223	209.02	0.00
7.90	0.06	243	209.02	0.00
8.00	0.06	265	209.03	0.00
8.10	0.07	288	209.03	0.00
8.20	0.07	313	209.03	0.00
8.30	0.08	340	209.03	0.00
8.40	0.08	369	209.04	0.00
8.50	0.09	400	209.04	0.00
8.60	0.10	434	209.04	0.00
8.70	0.11	470	209.05	0.00
8.80	0.11	509	209.05	0.00
8.90	0.12	551	209.05	0.00
9.00	0.13	596	209.06	0.00
9.10	0.14	644	209.06	0.00
9.20	0.15	696	209.07	0.00
9.30	0.17	752	209.07	0.01
9.40	0.18	812	209.08	0.01
9.50	0.19	877	209.09	0.01
9.60	0.21	945	209.09	0.01
9.70	0.22	1,018	209.10	0.01
9.80	0.23	1,095	209.11	0.01
9.90	0.25	1,177	209.11	0.02
10.00	0.26	1,263	209.12	0.02
10.10	0.28	1,353	209.13	0.02
10.20	0.29	1,448	209.14	0.02
10.30	0.31	1,547	209.15	0.03

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	1,651	209.16	0.03
10.50	0.34	1,759	209.17	0.04
10.60	0.36	1,872	209.18	0.04
10.70	0.40	1,994	209.19	0.04
10.80	0.44	2,129	209.21	0.05
10.90	0.48	2,276	209.22	0.05
11.00	0.53	2,439	209.24	0.06
11.10	0.58	2,618	209.25	0.06
11.20	0.66	2,818	209.27	0.06
11.30	0.74	3,045	209.29	0.07
11.40	0.89	3,307	209.32	0.07
11.50	1.28	3,666	209.35	0.08
11.60	1.86	4,192	209.40	0.09
11.70	2.74	4,986	209.48	0.10
11.80	3.71	6,101	209.58	0.11
11.90	5.16	7,639	209.73	0.13
12.00	7.74	9,869	209.93	0.15
12.10	12.23	13,390	210.24	0.17
12.20	14.60	18,287	210.67	0.20
12.30	12.33	23,069	211.06	0.23
12.40	10.79	27,068	211.39	0.92
12.50	9.82	30,027	211.62	3.19
12.60	9.09	31,903	211.77	5.41
12.70	8.26	32,545	211.82	7.86
12.80	7.61	32,544	211.82	7.86
12.90	6.52	32,397	211.81	7.23
13.00	5.01	32,078	211.78	5.97
13.10	4.05	31,741	211.76	4.95
13.20	3.39	31,380	211.73	4.49
13.30	2.92	30,969	211.70	4.08
13.40	2.58	30,560	211.66	3.68
13.50	2.31	30,177	211.63	3.32
13.60	2.07	29,826	211.61	3.00
13.70	1.88	29,506	211.58	2.72
13.80	1.73	29,221	211.56	2.48
13.90	1.62	28,971	211.54	2.27
14.00	1.53	28,753	211.52	2.09
14.10	1.46	28,565	211.51	1.95
14.20	1.39	28,402	211.49	1.82
14.30	1.34	28,258	211.48	1.71
14.40	1.28	28,130	211.47	1.62
14.50	1.23	28,015	211.46	1.53
14.60	1.19	27,912	211.46	1.46
14.70	1.14	27,816	211.45	1.40
14.80	1.10	27,727	211.44	1.34
14.90	1.05	27,643	211.43	1.28
15.00	1.01	27,563	211.43	1.23
15.10	0.96	27,485	211.42	1.18
15.20	0.92	27,410	211.42	1.13
15.30	0.89	27,339	211.41	1.08
15.40	0.87	27,274	211.41	1.04
15.50	0.85	27,214	211.40	1.00

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.83	27,159	211.40	0.97
15.70	0.81	27,109	211.39	0.94
15.80	0.79	27,062	211.39	0.92
15.90	0.78	27,019	211.38	0.89
16.00	0.76	26,980	211.38	0.87
16.10	0.75	26,943	211.38	0.85
16.20	0.74	26,909	211.38	0.83
16.30	0.73	26,877	211.37	0.81
16.40	0.71	26,847	211.37	0.79
16.50	0.70	26,818	211.37	0.78
16.60	0.69	26,791	211.37	0.76
16.70	0.68	26,764	211.36	0.75
16.80	0.67	26,739	211.36	0.74
16.90	0.66	26,714	211.36	0.73
17.00	0.65	26,689	211.36	0.71
17.10	0.63	26,665	211.36	0.70
17.20	0.62	26,641	211.35	0.69
17.30	0.61	26,618	211.35	0.68
17.40	0.60	26,594	211.35	0.66
17.50	0.59	26,571	211.35	0.65
17.60	0.58	26,548	211.35	0.64
17.70	0.57	26,525	211.35	0.63
17.80	0.55	26,502	211.34	0.62
17.90	0.54	26,479	211.34	0.61
18.00	0.53	26,456	211.34	0.59
18.10	0.52	26,433	211.34	0.58
18.20	0.51	26,409	211.34	0.57
18.30	0.50	26,386	211.33	0.56
18.40	0.49	26,363	211.33	0.55
18.50	0.49	26,341	211.33	0.54
18.60	0.48	26,321	211.33	0.54
18.70	0.48	26,302	211.33	0.53
18.80	0.47	26,284	211.33	0.52
18.90	0.47	26,267	211.32	0.51
19.00	0.46	26,252	211.32	0.51
19.10	0.46	26,237	211.32	0.50
19.20	0.46	26,224	211.32	0.49
19.30	0.45	26,211	211.32	0.49
19.40	0.45	26,199	211.32	0.48
19.50	0.45	26,188	211.32	0.48
19.60	0.44	26,177	211.32	0.47
19.70	0.44	26,167	211.32	0.47
19.80	0.44	26,157	211.32	0.46
19.90	0.44	26,148	211.31	0.46
20.00	0.43	26,139	211.31	0.46
20.10	0.43	26,130	211.31	0.45
20.20	0.43	26,122	211.31	0.45
20.30	0.42	26,113	211.31	0.45
20.40	0.42	26,105	211.31	0.44
20.50	0.42	26,098	211.31	0.44
20.60	0.41	26,090	211.31	0.44
20.70	0.41	26,082	211.31	0.43

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.41	26,075	211.31	0.43
20.90	0.41	26,067	211.31	0.43
21.00	0.40	26,059	211.31	0.43
21.10	0.40	26,051	211.31	0.42
21.20	0.40	26,043	211.31	0.42
21.30	0.39	26,035	211.31	0.42
21.40	0.39	26,027	211.31	0.41
21.50	0.39	26,019	211.30	0.41
21.60	0.39	26,010	211.30	0.41
21.70	0.38	26,002	211.30	0.41
21.80	0.38	25,994	211.30	0.40
21.90	0.38	25,985	211.30	0.40
22.00	0.37	25,977	211.30	0.40
22.10	0.37	25,969	211.30	0.39
22.20	0.37	25,960	211.30	0.39
22.30	0.37	25,952	211.30	0.39
22.40	0.36	25,944	211.30	0.39
22.50	0.36	25,935	211.30	0.38
22.60	0.36	25,926	211.30	0.38
22.70	0.35	25,918	211.30	0.38
22.80	0.35	25,910	211.30	0.37
22.90	0.35	25,901	211.30	0.37
23.00	0.35	25,892	211.29	0.37
23.10	0.34	25,884	211.29	0.37
23.20	0.34	25,875	211.29	0.36
23.30	0.34	25,867	211.29	0.36
23.40	0.33	25,858	211.29	0.36
23.50	0.33	25,850	211.29	0.35
23.60	0.33	25,841	211.29	0.35
23.70	0.32	25,833	211.29	0.35
23.80	0.32	25,824	211.29	0.35
23.90	0.32	25,815	211.29	0.34
24.00	0.32	25,808	211.29	0.34
24.10	0.31	25,801	211.29	0.34
24.20	0.23	25,776	211.28	0.33
24.30	0.19	25,736	211.28	0.32
24.40	0.17	25,690	211.28	0.30
24.50	0.16	25,642	211.27	0.30
24.60	0.14	25,591	211.27	0.29
24.70	0.14	25,539	211.27	0.28
24.80	0.14	25,491	211.26	0.27
24.90	0.14	25,446	211.26	0.26
25.00	0.14	25,403	211.25	0.25
25.10	0.14	25,363	211.25	0.24
25.20	0.13	25,325	211.25	0.24
25.30	0.13	25,287	211.25	0.24
25.40	0.13	25,249	211.24	0.24
25.50	0.13	25,211	211.24	0.24
25.60	0.13	25,173	211.24	0.24
25.70	0.13	25,135	211.23	0.24
25.80	0.13	25,097	211.23	0.24
25.90	0.13	25,058	211.23	0.24

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.13	25,019	211.22	0.24
26.10	0.13	24,980	211.22	0.24
26.20	0.13	24,941	211.22	0.24
26.30	0.13	24,902	211.21	0.24
26.40	0.13	24,863	211.21	0.24
26.50	0.13	24,824	211.21	0.24
26.60	0.13	24,784	211.20	0.24
26.70	0.13	24,744	211.20	0.24
26.80	0.13	24,705	211.20	0.24
26.90	0.13	24,665	211.20	0.24
27.00	0.12	24,625	211.19	0.24
27.10	0.12	24,584	211.19	0.24
27.20	0.12	24,544	211.19	0.24
27.30	0.12	24,503	211.18	0.24
27.40	0.12	24,463	211.18	0.24
27.50	0.12	24,422	211.18	0.24
27.60	0.12	24,381	211.17	0.23
27.70	0.12	24,340	211.17	0.23
27.80	0.12	24,299	211.17	0.23
27.90	0.12	24,257	211.16	0.23
28.00	0.12	24,216	211.16	0.23
28.10	0.12	24,174	211.16	0.23
28.20	0.12	24,133	211.15	0.23
28.30	0.12	24,091	211.15	0.23
28.40	0.12	24,049	211.14	0.23
28.50	0.12	24,007	211.14	0.23
28.60	0.12	23,964	211.14	0.23
28.70	0.11	23,922	211.13	0.23
28.80	0.11	23,879	211.13	0.23
28.90	0.11	23,837	211.13	0.23
29.00	0.11	23,794	211.12	0.23
29.10	0.11	23,751	211.12	0.23
29.20	0.11	23,708	211.12	0.23
29.30	0.11	23,665	211.11	0.23
29.40	0.11	23,621	211.11	0.23
29.50	0.11	23,578	211.11	0.23
29.60	0.11	23,534	211.10	0.23
29.70	0.11	23,490	211.10	0.23
29.80	0.11	23,446	211.10	0.23
29.90	0.11	23,402	211.09	0.23
30.00	0.11	23,358	211.09	0.23
30.10	0.11	23,314	211.08	0.23
30.20	0.11	23,269	211.08	0.23
30.30	0.11	23,225	211.08	0.23
30.40	0.10	23,180	211.07	0.23
30.50	0.10	23,135	211.07	0.23
30.60	0.10	23,090	211.07	0.23
30.70	0.10	23,045	211.06	0.23
30.80	0.10	23,000	211.06	0.23
30.90	0.10	22,955	211.06	0.23
31.00	0.10	22,909	211.05	0.23
31.10	0.10	22,864	211.05	0.23

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.10	22,818	211.04	0.23
31.30	0.10	22,772	211.04	0.23
31.40	0.10	22,726	211.04	0.23
31.50	0.10	22,680	211.03	0.23
31.60	0.10	22,634	211.03	0.23
31.70	0.10	22,587	211.03	0.23
31.80	0.10	22,541	211.02	0.23
31.90	0.10	22,494	211.02	0.23
32.00	0.10	22,447	211.01	0.23
32.10	0.09	22,400	211.01	0.23
32.20	0.09	22,353	211.01	0.23
32.30	0.09	22,306	211.00	0.22
32.40	0.09	22,259	211.00	0.22
32.50	0.09	22,211	210.99	0.22
32.60	0.09	22,164	210.99	0.22
32.70	0.09	22,116	210.99	0.22
32.80	0.09	22,068	210.98	0.22
32.90	0.09	22,020	210.98	0.22
33.00	0.09	21,972	210.97	0.22
33.10	0.09	21,924	210.97	0.22
33.20	0.09	21,876	210.97	0.22
33.30	0.09	21,828	210.96	0.22
33.40	0.09	21,779	210.96	0.22
33.50	0.09	21,730	210.95	0.22
33.60	0.09	21,682	210.95	0.22
33.70	0.09	21,633	210.95	0.22
33.80	0.08	21,584	210.94	0.22
33.90	0.08	21,534	210.94	0.22
34.00	0.08	21,485	210.93	0.22
34.10	0.08	21,436	210.93	0.22
34.20	0.08	21,386	210.93	0.22
34.30	0.08	21,337	210.92	0.22
34.40	0.08	21,287	210.92	0.22
34.50	0.08	21,237	210.91	0.22
34.60	0.08	21,187	210.91	0.22
34.70	0.08	21,137	210.90	0.22
34.80	0.08	21,086	210.90	0.22
34.90	0.08	21,036	210.90	0.22
35.00	0.08	20,986	210.89	0.22
35.10	0.08	20,935	210.89	0.22
35.20	0.08	20,884	210.88	0.22
35.30	0.08	20,833	210.88	0.22
35.40	0.08	20,782	210.88	0.22
35.50	0.07	20,731	210.87	0.22
35.60	0.07	20,680	210.87	0.22
35.70	0.07	20,629	210.86	0.22
35.80	0.07	20,577	210.86	0.22
35.90	0.07	20,526	210.85	0.22
36.00	0.07	20,474	210.85	0.22
36.10	0.07	20,422	210.85	0.22
36.20	0.07	20,370	210.84	0.22
36.30	0.07	20,318	210.84	0.21

Hydrograph for Pond B-1: Basin #1 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.07	20,266	210.83	0.21
36.50	0.07	20,214	210.83	0.21
36.60	0.07	20,161	210.82	0.21
36.70	0.07	20,109	210.82	0.21
36.80	0.07	20,056	210.81	0.21
36.90	0.07	20,003	210.81	0.21
37.00	0.07	19,950	210.81	0.21
37.10	0.07	19,898	210.80	0.21
37.20	0.06	19,844	210.80	0.21
37.30	0.06	19,791	210.79	0.21
37.40	0.06	19,738	210.79	0.21
37.50	0.06	19,684	210.78	0.21
37.60	0.06	19,631	210.78	0.21
37.70	0.06	19,577	210.77	0.21
37.80	0.06	19,523	210.77	0.21
37.90	0.06	19,470	210.77	0.21
38.00	0.06	19,416	210.76	0.21
38.10	0.06	19,362	210.76	0.21
38.20	0.06	19,307	210.75	0.21
38.30	0.06	19,253	210.75	0.21
38.40	0.06	19,199	210.74	0.21
38.50	0.06	19,144	210.74	0.21
38.60	0.06	19,089	210.73	0.21
38.70	0.06	19,035	210.73	0.21
38.80	0.06	18,980	210.72	0.21
38.90	0.05	18,925	210.72	0.21
39.00	0.05	18,870	210.71	0.21
39.10	0.05	18,814	210.71	0.21
39.20	0.05	18,759	210.71	0.21
39.30	0.05	18,704	210.70	0.21
39.40	0.05	18,648	210.70	0.21
39.50	0.05	18,593	210.69	0.21
39.60	0.05	18,537	210.69	0.21
39.70	0.05	18,481	210.68	0.20
39.80	0.05	18,425	210.68	0.20
39.90	0.05	18,369	210.67	0.20
40.00	0.05	18,313	210.67	0.20

Stage-Discharge for Pond B-1: Basin #1

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.10	210.04	0.16	210.56	0.20
209.01	0.00	209.53	0.10	210.05	0.16	210.57	0.20
209.02	0.00	209.54	0.11	210.06	0.16	210.58	0.20
209.03	0.00	209.55	0.11	210.07	0.16	210.59	0.20
209.04	0.00	209.56	0.11	210.08	0.16	210.60	0.20
209.05	0.00	209.57	0.11	210.09	0.16	210.61	0.20
209.06	0.00	209.58	0.11	210.10	0.16	210.62	0.20
209.07	0.00	209.59	0.11	210.11	0.16	210.63	0.20
209.08	0.01	209.60	0.11	210.12	0.16	210.64	0.20
209.09	0.01	209.61	0.11	210.13	0.16	210.65	0.20
209.10	0.01	209.62	0.12	210.14	0.17	210.66	0.20
209.11	0.01	209.63	0.12	210.15	0.17	210.67	0.20
209.12	0.02	209.64	0.12	210.16	0.17	210.68	0.20
209.13	0.02	209.65	0.12	210.17	0.17	210.69	0.21
209.14	0.02	209.66	0.12	210.18	0.17	210.70	0.21
209.15	0.03	209.67	0.12	210.19	0.17	210.71	0.21
209.16	0.03	209.68	0.12	210.20	0.17	210.72	0.21
209.17	0.03	209.69	0.12	210.21	0.17	210.73	0.21
209.18	0.04	209.70	0.12	210.22	0.17	210.74	0.21
209.19	0.04	209.71	0.13	210.23	0.17	210.75	0.21
209.20	0.05	209.72	0.13	210.24	0.17	210.76	0.21
209.21	0.05	209.73	0.13	210.25	0.17	210.77	0.21
209.22	0.05	209.74	0.13	210.26	0.17	210.78	0.21
209.23	0.05	209.75	0.13	210.27	0.18	210.79	0.21
209.24	0.06	209.76	0.13	210.28	0.18	210.80	0.21
209.25	0.06	209.77	0.13	210.29	0.18	210.81	0.21
209.26	0.06	209.78	0.13	210.30	0.18	210.82	0.21
209.27	0.06	209.79	0.13	210.31	0.18	210.83	0.21
209.28	0.06	209.80	0.13	210.32	0.18	210.84	0.22
209.29	0.07	209.81	0.14	210.33	0.18	210.85	0.22
209.30	0.07	209.82	0.14	210.34	0.18	210.86	0.22
209.31	0.07	209.83	0.14	210.35	0.18	210.87	0.22
209.32	0.07	209.84	0.14	210.36	0.18	210.88	0.22
209.33	0.07	209.85	0.14	210.37	0.18	210.89	0.22
209.34	0.08	209.86	0.14	210.38	0.18	210.90	0.22
209.35	0.08	209.87	0.14	210.39	0.18	210.91	0.22
209.36	0.08	209.88	0.14	210.40	0.19	210.92	0.22
209.37	0.08	209.89	0.14	210.41	0.19	210.93	0.22
209.38	0.08	209.90	0.14	210.42	0.19	210.94	0.22
209.39	0.08	209.91	0.15	210.43	0.19	210.95	0.22
209.40	0.09	209.92	0.15	210.44	0.19	210.96	0.22
209.41	0.09	209.93	0.15	210.45	0.19	210.97	0.22
209.42	0.09	209.94	0.15	210.46	0.19	210.98	0.22
209.43	0.09	209.95	0.15	210.47	0.19	210.99	0.22
209.44	0.09	209.96	0.15	210.48	0.19	211.00	0.22
209.45	0.09	209.97	0.15	210.49	0.19	211.01	0.23
209.46	0.10	209.98	0.15	210.50	0.19	211.02	0.23
209.47	0.10	209.99	0.15	210.51	0.19	211.03	0.23
209.48	0.10	210.00	0.15	210.52	0.19	211.04	0.23
209.49	0.10	210.01	0.15	210.53	0.19	211.05	0.23
209.50	0.10	210.02	0.16	210.54	0.20	211.06	0.23
209.51	0.10	210.03	0.16	210.55	0.20	211.07	0.23

Stage-Discharge for Pond B-1: Basin #1 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	0.23	211.60	2.92
211.09	0.23	211.61	3.03
211.10	0.23	211.62	3.15
211.11	0.23	211.63	3.27
211.12	0.23	211.64	3.38
211.13	0.23	211.65	3.50
211.14	0.23	211.66	3.62
211.15	0.23	211.67	3.75
211.16	0.23	211.68	3.87
211.17	0.23	211.69	4.00
211.18	0.24	211.70	4.12
211.19	0.24	211.71	4.25
211.20	0.24	211.72	4.38
211.21	0.24	211.73	4.51
211.22	0.24	211.74	4.64
211.23	0.24	211.75	4.77
211.24	0.24	211.76	5.03
211.25	0.24	211.77	5.38
211.26	0.25	211.78	5.79
211.27	0.28	211.79	6.26
211.28	0.31	211.80	6.77
211.29	0.35	211.81	7.32
211.30	0.39	211.82	7.91
211.31	0.43	211.83	8.54
211.32	0.48	211.84	9.20
211.33	0.54	211.85	9.89
211.34	0.60	211.86	10.60
211.35	0.66	211.87	11.35
211.36	0.72	211.88	12.13
211.37	0.79	211.89	12.93
211.38	0.86	211.90	13.75
211.39	0.93	211.91	14.60
211.40	1.00	211.92	15.48
211.41	1.08	211.93	16.37
211.42	1.16	211.94	17.29
211.43	1.24	211.95	18.23
211.44	1.32	211.96	19.24
211.45	1.41	211.97	20.26
211.46	1.50	211.98	21.32
211.47	1.59	211.99	22.40
211.48	1.68	212.00	23.51
211.49	1.77		
211.50	1.87		
211.51	1.97		
211.52	2.06		
211.53	2.17		
211.54	2.27		
211.55	2.37		
211.56	2.48		
211.57	2.59		
211.58	2.70		
211.59	2.81		

Stage-Area-Storage for Pond B-1: Basin #1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	10,187	0	209.52	10,679	5,425
209.01	10,196	102	209.53	10,688	5,532
209.02	10,206	204	209.54	10,698	5,639
209.03	10,215	306	209.55	10,707	5,746
209.04	10,225	408	209.56	10,717	5,853
209.05	10,234	511	209.57	10,726	5,960
209.06	10,244	613	209.58	10,736	6,068
209.07	10,253	715	209.59	10,745	6,175
209.08	10,263	818	209.60	10,755	6,282
209.09	10,272	921	209.61	10,764	6,390
209.10	10,282	1,023	209.62	10,774	6,498
209.11	10,291	1,126	209.63	10,783	6,606
209.12	10,301	1,229	209.64	10,792	6,713
209.13	10,310	1,332	209.65	10,802	6,821
209.14	10,319	1,435	209.66	10,811	6,929
209.15	10,329	1,539	209.67	10,821	7,038
209.16	10,338	1,642	209.68	10,830	7,146
209.17	10,348	1,745	209.69	10,840	7,254
209.18	10,357	1,849	209.70	10,849	7,363
209.19	10,367	1,953	209.71	10,859	7,471
209.20	10,376	2,056	209.72	10,868	7,580
209.21	10,386	2,160	209.73	10,878	7,689
209.22	10,395	2,264	209.74	10,887	7,797
209.23	10,405	2,368	209.75	10,897	7,906
209.24	10,414	2,472	209.76	10,906	8,015
209.25	10,424	2,576	209.77	10,915	8,124
209.26	10,433	2,681	209.78	10,925	8,234
209.27	10,442	2,785	209.79	10,934	8,343
209.28	10,452	2,889	209.80	10,944	8,452
209.29	10,461	2,994	209.81	10,953	8,562
209.30	10,471	3,099	209.82	10,963	8,671
209.31	10,480	3,203	209.83	10,972	8,781
209.32	10,490	3,308	209.84	10,982	8,891
209.33	10,499	3,413	209.85	10,991	9,001
209.34	10,509	3,518	209.86	11,001	9,111
209.35	10,518	3,623	209.87	11,010	9,221
209.36	10,528	3,729	209.88	11,019	9,331
209.37	10,537	3,834	209.89	11,029	9,441
209.38	10,546	3,939	209.90	11,038	9,551
209.39	10,556	4,045	209.91	11,048	9,662
209.40	10,565	4,150	209.92	11,057	9,772
209.41	10,575	4,256	209.93	11,067	9,883
209.42	10,584	4,362	209.94	11,076	9,994
209.43	10,594	4,468	209.95	11,086	10,105
209.44	10,603	4,574	209.96	11,095	10,215
209.45	10,613	4,680	209.97	11,105	10,326
209.46	10,622	4,786	209.98	11,114	10,438
209.47	10,632	4,892	209.99	11,124	10,549
209.48	10,641	4,999	210.00	11,133	10,660
209.49	10,651	5,105	210.01	11,143	10,771
209.50	10,660	5,212	210.02	11,153	10,883
209.51	10,669	5,318	210.03	11,162	10,994

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	11,172	11,106	210.56	11,682	17,048
210.05	11,182	11,218	210.57	11,692	17,165
210.06	11,192	11,330	210.58	11,701	17,282
210.07	11,202	11,442	210.59	11,711	17,399
210.08	11,211	11,554	210.60	11,721	17,516
210.09	11,221	11,666	210.61	11,731	17,633
210.10	11,231	11,778	210.62	11,741	17,751
210.11	11,241	11,891	210.63	11,750	17,868
210.12	11,251	12,003	210.64	11,760	17,986
210.13	11,260	12,116	210.65	11,770	18,103
210.14	11,270	12,228	210.66	11,780	18,221
210.15	11,280	12,341	210.67	11,790	18,339
210.16	11,290	12,454	210.68	11,799	18,457
210.17	11,300	12,567	210.69	11,809	18,575
210.18	11,309	12,680	210.70	11,819	18,693
210.19	11,319	12,793	210.71	11,829	18,811
210.20	11,329	12,906	210.72	11,839	18,930
210.21	11,339	13,020	210.73	11,848	19,048
210.22	11,349	13,133	210.74	11,858	19,167
210.23	11,358	13,247	210.75	11,868	19,285
210.24	11,368	13,360	210.76	11,878	19,404
210.25	11,378	13,474	210.77	11,888	19,523
210.26	11,388	13,588	210.78	11,897	19,642
210.27	11,398	13,702	210.79	11,907	19,761
210.28	11,407	13,816	210.80	11,917	19,880
210.29	11,417	13,930	210.81	11,927	19,999
210.30	11,427	14,044	210.82	11,937	20,119
210.31	11,437	14,158	210.83	11,946	20,238
210.32	11,447	14,273	210.84	11,956	20,357
210.33	11,456	14,387	210.85	11,966	20,477
210.34	11,466	14,502	210.86	11,976	20,597
210.35	11,476	14,617	210.87	11,986	20,717
210.36	11,486	14,731	210.88	11,995	20,836
210.37	11,496	14,846	210.89	12,005	20,956
210.38	11,505	14,961	210.90	12,015	21,077
210.39	11,515	15,076	210.91	12,025	21,197
210.40	11,525	15,192	210.92	12,035	21,317
210.41	11,535	15,307	210.93	12,044	21,437
210.42	11,545	15,422	210.94	12,054	21,558
210.43	11,554	15,538	210.95	12,064	21,679
210.44	11,564	15,653	210.96	12,074	21,799
210.45	11,574	15,769	210.97	12,084	21,920
210.46	11,584	15,885	210.98	12,093	22,041
210.47	11,594	16,001	210.99	12,103	22,162
210.48	11,603	16,117	211.00	12,113	22,283
210.49	11,613	16,233	211.01	12,123	22,404
210.50	11,623	16,349	211.02	12,133	22,525
210.51	11,633	16,465	211.03	12,143	22,647
210.52	11,643	16,582	211.04	12,154	22,768
210.53	11,652	16,698	211.05	12,164	22,890
210.54	11,662	16,815	211.06	12,174	23,012
210.55	11,672	16,931	211.07	12,184	23,133

Stage-Area-Storage for Pond B-1: Basin #1 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	12,194	23,255	211.60	12,721	29,733
211.09	12,204	23,377	211.61	12,731	29,860
211.10	12,214	23,499	211.62	12,741	29,988
211.11	12,224	23,622	211.63	12,751	30,115
211.12	12,235	23,744	211.64	12,761	30,243
211.13	12,245	23,866	211.65	12,771	30,370
211.14	12,255	23,989	211.66	12,782	30,498
211.15	12,265	24,111	211.67	12,792	30,626
211.16	12,275	24,234	211.68	12,802	30,754
211.17	12,285	24,357	211.69	12,812	30,882
211.18	12,295	24,480	211.70	12,822	31,010
211.19	12,305	24,603	211.71	12,832	31,139
211.20	12,316	24,726	211.72	12,842	31,267
211.21	12,326	24,849	211.73	12,852	31,395
211.22	12,336	24,972	211.74	12,863	31,524
211.23	12,346	25,096	211.75	12,873	31,653
211.24	12,356	25,219	211.76	12,883	31,781
211.25	12,366	25,343	211.77	12,893	31,910
211.26	12,376	25,467	211.78	12,903	32,039
211.27	12,387	25,590	211.79	12,913	32,168
211.28	12,397	25,714	211.80	12,923	32,298
211.29	12,407	25,838	211.81	12,934	32,427
211.30	12,417	25,962	211.82	12,944	32,556
211.31	12,427	26,087	211.83	12,954	32,686
211.32	12,437	26,211	211.84	12,964	32,815
211.33	12,447	26,335	211.85	12,974	32,945
211.34	12,457	26,460	211.86	12,984	33,075
211.35	12,468	26,585	211.87	12,994	33,205
211.36	12,478	26,709	211.88	13,004	33,335
211.37	12,488	26,834	211.89	13,015	33,465
211.38	12,498	26,959	211.90	13,025	33,595
211.39	12,508	27,084	211.91	13,035	33,725
211.40	12,518	27,209	211.92	13,045	33,856
211.41	12,528	27,334	211.93	13,055	33,986
211.42	12,538	27,460	211.94	13,065	34,117
211.43	12,549	27,585	211.95	13,075	34,247
211.44	12,559	27,711	211.96	13,085	34,378
211.45	12,569	27,836	211.97	13,096	34,509
211.46	12,579	27,962	211.98	13,106	34,640
211.47	12,589	28,088	211.99	13,116	34,771
211.48	12,599	28,214	212.00	13,126	34,903
211.49	12,609	28,340			
211.50	12,620	28,466			
211.51	12,630	28,592			
211.52	12,640	28,719			
211.53	12,650	28,845			
211.54	12,660	28,972			
211.55	12,670	29,098			
211.56	12,680	29,225			
211.57	12,690	29,352			
211.58	12,701	29,479			
211.59	12,711	29,606			

Summary for Pond B-10: Basin #10

Inflow Area = 1.674 ac, 56.63% Impervious, Inflow Depth = 9.46" for Future 100 yr event
 Inflow = 15.63 cfs @ 12.17 hrs, Volume= 1.320 af
 Outflow = 11.33 cfs @ 12.27 hrs, Volume= 1.171 af, Atten= 28%, Lag= 5.8 min
 Primary = 11.33 cfs @ 12.27 hrs, Volume= 1.171 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.92' @ 12.27 hrs Surf.Area= 7,561 sf Storage= 22,881 cf

Plug-Flow detention time= 337.5 min calculated for 1.171 af (89% of inflow)
 Center-of-Mass det. time= 280.7 min (1,046.7 - 766.0)

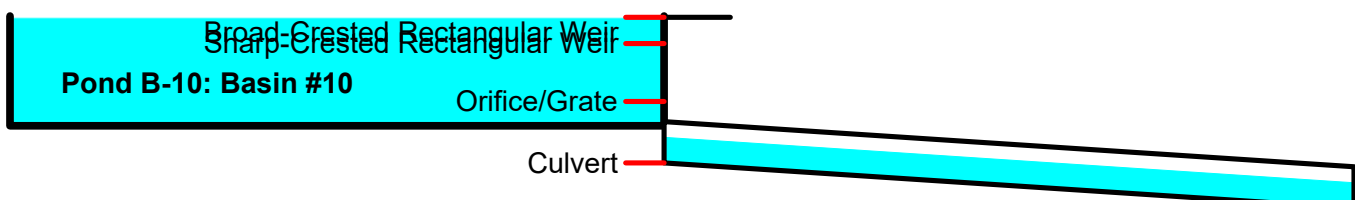
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	23,473 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	4,220	0	0
180.00	5,003	4,612	4,612
181.00	5,833	5,418	10,030
182.00	6,710	6,272	16,301
183.00	7,633	7,172	23,473

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 52.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 176.00' S= 0.0317 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.88'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

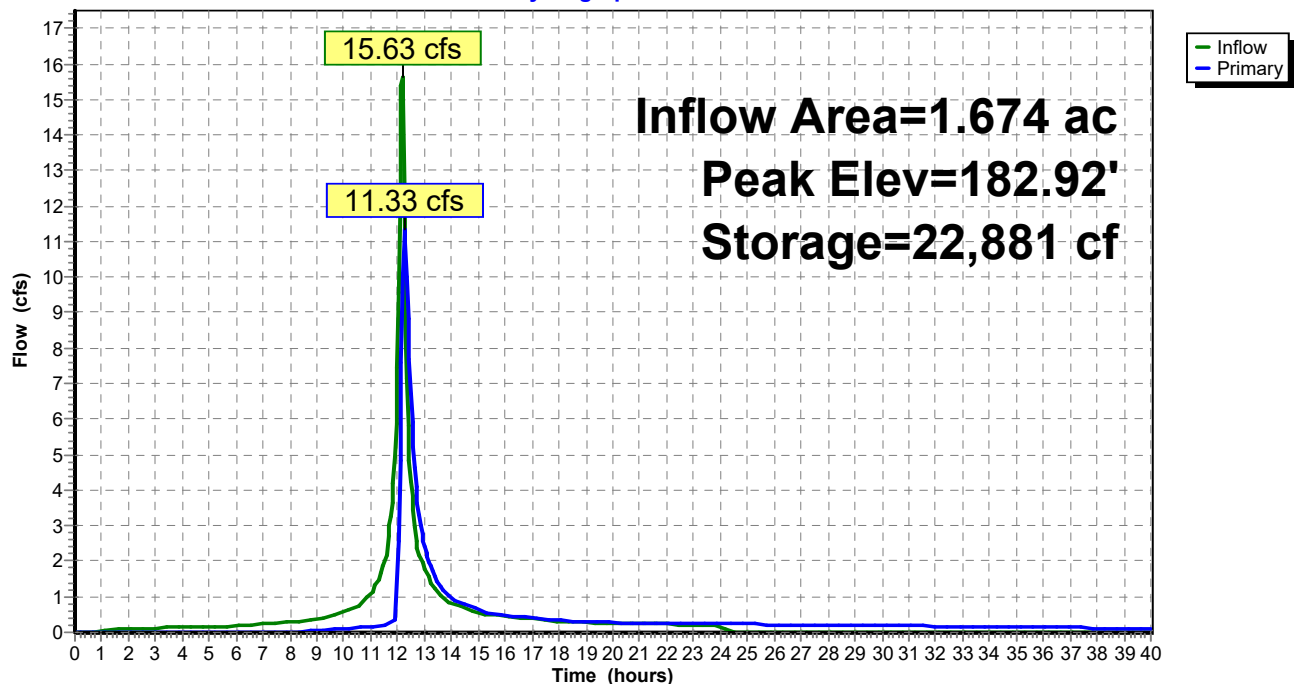
Primary OutFlow Max=11.17 cfs @ 12.27 hrs HW=182.91' (Free Discharge)

- 1=Culvert (Passes 11.17 cfs of 18.08 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.28 cfs @ 8.24 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 10.89 cfs @ 3.12 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-10: Basin #10

Hydrograph



Hydrograph for Pond B-10: Basin #10

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	1	179.00	0.00
0.60	0.01	4	179.00	0.00
0.70	0.02	10	179.00	0.00
0.80	0.03	20	179.00	0.00
0.90	0.04	33	179.01	0.00
1.00	0.05	49	179.01	0.00
1.10	0.05	67	179.02	0.00
1.20	0.06	88	179.02	0.00
1.30	0.06	110	179.03	0.00
1.40	0.07	134	179.03	0.00
1.50	0.07	160	179.04	0.00
1.60	0.08	188	179.04	0.00
1.70	0.08	216	179.05	0.00
1.80	0.09	247	179.06	0.00
1.90	0.09	278	179.07	0.00
2.00	0.09	311	179.07	0.00
2.10	0.10	345	179.08	0.00
2.20	0.10	380	179.09	0.00
2.30	0.10	415	179.10	0.00
2.40	0.10	452	179.11	0.00
2.50	0.11	490	179.11	0.00
2.60	0.11	529	179.12	0.00
2.70	0.11	568	179.13	0.00
2.80	0.11	608	179.14	0.00
2.90	0.12	649	179.15	0.00
3.00	0.12	691	179.16	0.00
3.10	0.12	734	179.17	0.00
3.20	0.12	777	179.18	0.00
3.30	0.12	821	179.19	0.00
3.40	0.12	865	179.20	0.00
3.50	0.13	910	179.21	0.00
3.60	0.13	956	179.22	0.00
3.70	0.13	1,002	179.23	0.00
3.80	0.13	1,049	179.24	0.00
3.90	0.13	1,097	179.25	0.00
4.00	0.13	1,145	179.26	0.00
4.10	0.14	1,194	179.28	0.00
4.20	0.14	1,243	179.29	0.00
4.30	0.14	1,293	179.30	0.00
4.40	0.14	1,343	179.31	0.00
4.50	0.14	1,394	179.32	0.00
4.60	0.14	1,445	179.33	0.00
4.70	0.14	1,497	179.34	0.00
4.80	0.15	1,550	179.36	0.00
4.90	0.15	1,602	179.37	0.00
5.00	0.15	1,656	179.38	0.00
5.10	0.15	1,710	179.39	0.00

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,764	179.40	0.00
5.30	0.15	1,819	179.42	0.00
5.40	0.16	1,876	179.43	0.00
5.50	0.16	1,933	179.44	0.00
5.60	0.16	1,990	179.45	0.00
5.70	0.16	2,049	179.47	0.00
5.80	0.17	2,109	179.48	0.00
5.90	0.17	2,169	179.49	0.00
6.00	0.17	2,231	179.50	0.00
6.10	0.18	2,293	179.52	0.00
6.20	0.18	2,357	179.53	0.00
6.30	0.19	2,423	179.55	0.00
6.40	0.19	2,491	179.56	0.00
6.50	0.20	2,561	179.58	0.00
6.60	0.20	2,634	179.59	0.00
6.70	0.21	2,708	179.61	0.00
6.80	0.22	2,785	179.62	0.00
6.90	0.22	2,863	179.64	0.00
7.00	0.23	2,944	179.66	0.00
7.10	0.23	3,028	179.68	0.00
7.20	0.24	3,113	179.69	0.00
7.30	0.25	3,202	179.71	0.00
7.40	0.25	3,292	179.73	0.00
7.50	0.26	3,384	179.75	0.00
7.60	0.27	3,480	179.77	0.00
7.70	0.27	3,577	179.79	0.00
7.80	0.28	3,677	179.81	0.00
7.90	0.29	3,779	179.83	0.00
8.00	0.30	3,884	179.85	0.00
8.10	0.30	3,992	179.87	0.00
8.20	0.31	4,101	179.90	0.00
8.30	0.32	4,213	179.92	0.00
8.40	0.32	4,326	179.94	0.01
8.50	0.33	4,440	179.97	0.01
8.60	0.34	4,554	179.99	0.02
8.70	0.34	4,668	180.01	0.03
8.80	0.35	4,782	180.03	0.04
8.90	0.36	4,895	180.06	0.04
9.00	0.37	5,009	180.08	0.05
9.10	0.38	5,123	180.10	0.06
9.20	0.40	5,241	180.12	0.06
9.30	0.42	5,365	180.15	0.07
9.40	0.44	5,495	180.17	0.07
9.50	0.46	5,632	180.20	0.08
9.60	0.49	5,775	180.23	0.08
9.70	0.51	5,925	180.26	0.09
9.80	0.54	6,082	180.29	0.09
9.90	0.56	6,246	180.32	0.09
10.00	0.59	6,417	180.35	0.10
10.10	0.61	6,596	180.38	0.10
10.20	0.64	6,782	180.42	0.11
10.30	0.66	6,976	180.46	0.11

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.69	7,177	180.49	0.12
10.50	0.71	7,386	180.53	0.12
10.60	0.75	7,605	180.57	0.13
10.70	0.83	7,844	180.61	0.13
10.80	0.92	8,111	180.66	0.14
10.90	1.01	8,408	180.72	0.14
11.00	1.10	8,737	180.77	0.15
11.10	1.22	9,100	180.84	0.15
11.20	1.37	9,510	180.91	0.16
11.30	1.55	9,978	180.99	0.16
11.40	1.73	10,507	181.08	0.17
11.50	1.90	11,097	181.18	0.18
11.60	2.30	11,772	181.29	0.19
11.70	3.02	12,665	181.44	0.20
11.80	3.65	13,781	181.61	0.21
11.90	4.92	15,228	181.84	0.22
12.00	7.43	17,253	182.14	0.93
12.10	12.53	19,795	182.50	4.82
12.20	15.05	22,337	182.85	10.09
12.30	9.06	22,738	182.90	11.00
12.40	5.80	21,770	182.77	8.84
12.50	4.24	20,762	182.64	6.71
12.60	3.43	20,013	182.53	5.23
12.70	2.59	19,410	182.45	4.11
12.80	2.23	18,943	182.38	3.30
12.90	2.00	18,615	182.34	2.77
13.00	1.80	18,373	182.30	2.40
13.10	1.61	18,179	182.27	2.11
13.20	1.44	18,012	182.25	1.87
13.30	1.32	17,872	182.23	1.68
13.40	1.22	17,753	182.21	1.52
13.50	1.11	17,649	182.20	1.39
13.60	1.01	17,553	182.18	1.27
13.70	0.93	17,462	182.17	1.16
13.80	0.88	17,386	182.16	1.07
13.90	0.85	17,324	182.15	1.01
14.00	0.83	17,274	182.14	0.95
14.10	0.80	17,232	182.14	0.91
14.20	0.77	17,195	182.13	0.87
14.30	0.75	17,162	182.13	0.83
14.40	0.72	17,132	182.12	0.80
14.50	0.69	17,103	182.12	0.77
14.60	0.67	17,075	182.11	0.75
14.70	0.64	17,046	182.11	0.72
14.80	0.61	17,017	182.11	0.69
14.90	0.59	16,988	182.10	0.67
15.00	0.56	16,959	182.10	0.64
15.10	0.53	16,929	182.09	0.61
15.20	0.51	16,900	182.09	0.59
15.30	0.50	16,875	182.08	0.56
15.40	0.49	16,853	182.08	0.54
15.50	0.48	16,836	182.08	0.53

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	16,820	182.08	0.52
15.70	0.47	16,805	182.07	0.51
15.80	0.46	16,792	182.07	0.50
15.90	0.45	16,779	182.07	0.49
16.00	0.45	16,767	182.07	0.48
16.10	0.44	16,756	182.07	0.47
16.20	0.43	16,744	182.07	0.46
16.30	0.43	16,734	182.06	0.46
16.40	0.42	16,723	182.06	0.45
16.50	0.41	16,712	182.06	0.44
16.60	0.40	16,702	182.06	0.43
16.70	0.40	16,692	182.06	0.43
16.80	0.39	16,681	182.06	0.42
16.90	0.38	16,671	182.05	0.41
17.00	0.38	16,661	182.05	0.40
17.10	0.37	16,651	182.05	0.40
17.20	0.36	16,641	182.05	0.39
17.30	0.35	16,631	182.05	0.38
17.40	0.35	16,621	182.05	0.38
17.50	0.34	16,611	182.05	0.37
17.60	0.33	16,601	182.04	0.36
17.70	0.33	16,591	182.04	0.35
17.80	0.32	16,581	182.04	0.35
17.90	0.31	16,571	182.04	0.34
18.00	0.31	16,560	182.04	0.34
18.10	0.30	16,549	182.04	0.33
18.20	0.29	16,536	182.03	0.33
18.30	0.29	16,524	182.03	0.32
18.40	0.29	16,513	182.03	0.32
18.50	0.29	16,503	182.03	0.31
18.60	0.28	16,493	182.03	0.31
18.70	0.28	16,484	182.03	0.31
18.80	0.28	16,476	182.03	0.30
18.90	0.28	16,468	182.02	0.30
19.00	0.28	16,460	182.02	0.30
19.10	0.27	16,453	182.02	0.29
19.20	0.27	16,447	182.02	0.29
19.30	0.27	16,440	182.02	0.29
19.40	0.27	16,434	182.02	0.29
19.50	0.27	16,428	182.02	0.28
19.60	0.27	16,423	182.02	0.28
19.70	0.26	16,417	182.02	0.28
19.80	0.26	16,412	182.02	0.28
19.90	0.26	16,407	182.02	0.27
20.00	0.26	16,402	182.01	0.27
20.10	0.26	16,396	182.01	0.27
20.20	0.25	16,391	182.01	0.27
20.30	0.25	16,386	182.01	0.27
20.40	0.25	16,381	182.01	0.26
20.50	0.25	16,377	182.01	0.26
20.60	0.25	16,372	182.01	0.26
20.70	0.25	16,367	182.01	0.26

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.24	16,363	182.01	0.26
20.90	0.24	16,358	182.01	0.26
21.00	0.24	16,353	182.01	0.25
21.10	0.24	16,348	182.01	0.25
21.20	0.24	16,344	182.01	0.25
21.30	0.24	16,339	182.01	0.25
21.40	0.23	16,335	182.01	0.25
21.50	0.23	16,330	182.00	0.24
21.60	0.23	16,326	182.00	0.24
21.70	0.23	16,321	182.00	0.24
21.80	0.23	16,316	182.00	0.24
21.90	0.23	16,312	182.00	0.24
22.00	0.22	16,307	182.00	0.24
22.10	0.22	16,303	182.00	0.23
22.20	0.22	16,298	182.00	0.23
22.30	0.22	16,293	182.00	0.23
22.40	0.22	16,287	182.00	0.23
22.50	0.21	16,281	182.00	0.23
22.60	0.21	16,274	182.00	0.23
22.70	0.21	16,266	181.99	0.23
22.80	0.21	16,258	181.99	0.23
22.90	0.21	16,249	181.99	0.23
23.00	0.21	16,239	181.99	0.23
23.10	0.20	16,229	181.99	0.23
23.20	0.20	16,218	181.99	0.23
23.30	0.20	16,207	181.99	0.23
23.40	0.20	16,195	181.98	0.23
23.50	0.20	16,182	181.98	0.23
23.60	0.19	16,169	181.98	0.23
23.70	0.19	16,155	181.98	0.23
23.80	0.19	16,141	181.98	0.23
23.90	0.19	16,126	181.97	0.23
24.00	0.20	16,111	181.97	0.23
24.10	0.17	16,098	181.97	0.23
24.20	0.05	16,052	181.96	0.23
24.30	0.01	15,978	181.95	0.23
24.40	0.00	15,898	181.94	0.23
24.50	0.00	15,816	181.93	0.23
24.60	0.00	15,733	181.91	0.23
24.70	0.00	15,651	181.90	0.23
24.80	0.00	15,570	181.89	0.23
24.90	0.00	15,488	181.88	0.23
25.00	0.00	15,407	181.87	0.23
25.10	0.00	15,326	181.85	0.22
25.20	0.00	15,245	181.84	0.22
25.30	0.00	15,165	181.83	0.22
25.40	0.00	15,085	181.82	0.22
25.50	0.00	15,005	181.80	0.22
25.60	0.00	14,926	181.79	0.22
25.70	0.00	14,846	181.78	0.22
25.80	0.00	14,767	181.77	0.22
25.90	0.00	14,688	181.76	0.22

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,610	181.74	0.22
26.10	0.00	14,532	181.73	0.22
26.20	0.00	14,454	181.72	0.22
26.30	0.00	14,376	181.71	0.22
26.40	0.00	14,298	181.70	0.21
26.50	0.00	14,221	181.68	0.21
26.60	0.00	14,144	181.67	0.21
26.70	0.00	14,068	181.66	0.21
26.80	0.00	13,991	181.65	0.21
26.90	0.00	13,915	181.64	0.21
27.00	0.00	13,840	181.62	0.21
27.10	0.00	13,764	181.61	0.21
27.20	0.00	13,689	181.60	0.21
27.30	0.00	13,614	181.59	0.21
27.40	0.00	13,539	181.58	0.21
27.50	0.00	13,465	181.56	0.21
27.60	0.00	13,391	181.55	0.21
27.70	0.00	13,317	181.54	0.20
27.80	0.00	13,243	181.53	0.20
27.90	0.00	13,170	181.52	0.20
28.00	0.00	13,097	181.51	0.20
28.10	0.00	13,024	181.49	0.20
28.20	0.00	12,951	181.48	0.20
28.30	0.00	12,879	181.47	0.20
28.40	0.00	12,807	181.46	0.20
28.50	0.00	12,736	181.45	0.20
28.60	0.00	12,664	181.44	0.20
28.70	0.00	12,593	181.43	0.20
28.80	0.00	12,522	181.41	0.20
28.90	0.00	12,452	181.40	0.20
29.00	0.00	12,382	181.39	0.19
29.10	0.00	12,312	181.38	0.19
29.20	0.00	12,242	181.37	0.19
29.30	0.00	12,173	181.36	0.19
29.40	0.00	12,104	181.35	0.19
29.50	0.00	12,035	181.34	0.19
29.60	0.00	11,966	181.32	0.19
29.70	0.00	11,898	181.31	0.19
29.80	0.00	11,830	181.30	0.19
29.90	0.00	11,762	181.29	0.19
30.00	0.00	11,695	181.28	0.19
30.10	0.00	11,628	181.27	0.19
30.20	0.00	11,561	181.26	0.19
30.30	0.00	11,494	181.25	0.18
30.40	0.00	11,428	181.24	0.18
30.50	0.00	11,362	181.22	0.18
30.60	0.00	11,297	181.21	0.18
30.70	0.00	11,231	181.20	0.18
30.80	0.00	11,166	181.19	0.18
30.90	0.00	11,101	181.18	0.18
31.00	0.00	11,037	181.17	0.18
31.10	0.00	10,973	181.16	0.18

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,909	181.15	0.18
31.30	0.00	10,845	181.14	0.18
31.40	0.00	10,782	181.13	0.18
31.50	0.00	10,719	181.12	0.17
31.60	0.00	10,656	181.11	0.17
31.70	0.00	10,593	181.10	0.17
31.80	0.00	10,531	181.09	0.17
31.90	0.00	10,469	181.07	0.17
32.00	0.00	10,408	181.06	0.17
32.10	0.00	10,347	181.05	0.17
32.20	0.00	10,286	181.04	0.17
32.30	0.00	10,225	181.03	0.17
32.40	0.00	10,165	181.02	0.17
32.50	0.00	10,105	181.01	0.17
32.60	0.00	10,045	181.00	0.17
32.70	0.00	9,985	180.99	0.16
32.80	0.00	9,926	180.98	0.16
32.90	0.00	9,867	180.97	0.16
33.00	0.00	9,809	180.96	0.16
33.10	0.00	9,750	180.95	0.16
33.20	0.00	9,692	180.94	0.16
33.30	0.00	9,635	180.93	0.16
33.40	0.00	9,577	180.92	0.16
33.50	0.00	9,520	180.91	0.16
33.60	0.00	9,463	180.90	0.16
33.70	0.00	9,407	180.89	0.16
33.80	0.00	9,351	180.88	0.16
33.90	0.00	9,295	180.87	0.15
34.00	0.00	9,239	180.86	0.15
34.10	0.00	9,184	180.85	0.15
34.20	0.00	9,129	180.84	0.15
34.30	0.00	9,075	180.83	0.15
34.40	0.00	9,020	180.82	0.15
34.50	0.00	8,966	180.82	0.15
34.60	0.00	8,913	180.81	0.15
34.70	0.00	8,859	180.80	0.15
34.80	0.00	8,806	180.79	0.15
34.90	0.00	8,753	180.78	0.15
35.00	0.00	8,701	180.77	0.15
35.10	0.00	8,649	180.76	0.14
35.20	0.00	8,597	180.75	0.14
35.30	0.00	8,545	180.74	0.14
35.40	0.00	8,494	180.73	0.14
35.50	0.00	8,443	180.72	0.14
35.60	0.00	8,392	180.71	0.14
35.70	0.00	8,342	180.70	0.14
35.80	0.00	8,292	180.70	0.14
35.90	0.00	8,242	180.69	0.14
36.00	0.00	8,193	180.68	0.14
36.10	0.00	8,144	180.67	0.14
36.20	0.00	8,095	180.66	0.13
36.30	0.00	8,047	180.65	0.13

Hydrograph for Pond B-10: Basin #10 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,999	180.64	0.13
36.50	0.00	7,951	180.63	0.13
36.60	0.00	7,904	180.63	0.13
36.70	0.00	7,856	180.62	0.13
36.80	0.00	7,810	180.61	0.13
36.90	0.00	7,763	180.60	0.13
37.00	0.00	7,717	180.59	0.13
37.10	0.00	7,671	180.58	0.13
37.20	0.00	7,625	180.57	0.13
37.30	0.00	7,580	180.57	0.13
37.40	0.00	7,535	180.56	0.12
37.50	0.00	7,491	180.55	0.12
37.60	0.00	7,446	180.54	0.12
37.70	0.00	7,402	180.53	0.12
37.80	0.00	7,359	180.53	0.12
37.90	0.00	7,315	180.52	0.12
38.00	0.00	7,272	180.51	0.12
38.10	0.00	7,230	180.50	0.12
38.20	0.00	7,187	180.49	0.12
38.30	0.00	7,145	180.49	0.12
38.40	0.00	7,103	180.48	0.12
38.50	0.00	7,062	180.47	0.11
38.60	0.00	7,021	180.46	0.11
38.70	0.00	6,980	180.46	0.11
38.80	0.00	6,940	180.45	0.11
38.90	0.00	6,900	180.44	0.11
39.00	0.00	6,860	180.43	0.11
39.10	0.00	6,820	180.43	0.11
39.20	0.00	6,781	180.42	0.11
39.30	0.00	6,743	180.41	0.11
39.40	0.00	6,704	180.40	0.11
39.50	0.00	6,666	180.40	0.11
39.60	0.00	6,628	180.39	0.10
39.70	0.00	6,591	180.38	0.10
39.80	0.00	6,553	180.38	0.10
39.90	0.00	6,517	180.37	0.10
40.00	0.00	6,480	180.36	0.10

Stage-Discharge for Pond B-10: Basin #10

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.00	180.04	0.04	180.56	0.12
179.01	0.00	179.53	0.00	180.05	0.04	180.57	0.13
179.02	0.00	179.54	0.00	180.06	0.05	180.58	0.13
179.03	0.00	179.55	0.00	180.07	0.05	180.59	0.13
179.04	0.00	179.56	0.00	180.08	0.05	180.60	0.13
179.05	0.00	179.57	0.00	180.09	0.05	180.61	0.13
179.06	0.00	179.58	0.00	180.10	0.06	180.62	0.13
179.07	0.00	179.59	0.00	180.11	0.06	180.63	0.13
179.08	0.00	179.60	0.00	180.12	0.06	180.64	0.13
179.09	0.00	179.61	0.00	180.13	0.06	180.65	0.13
179.10	0.00	179.62	0.00	180.14	0.06	180.66	0.13
179.11	0.00	179.63	0.00	180.15	0.07	180.67	0.14
179.12	0.00	179.64	0.00	180.16	0.07	180.68	0.14
179.13	0.00	179.65	0.00	180.17	0.07	180.69	0.14
179.14	0.00	179.66	0.00	180.18	0.07	180.70	0.14
179.15	0.00	179.67	0.00	180.19	0.07	180.71	0.14
179.16	0.00	179.68	0.00	180.20	0.08	180.72	0.14
179.17	0.00	179.69	0.00	180.21	0.08	180.73	0.14
179.18	0.00	179.70	0.00	180.22	0.08	180.74	0.14
179.19	0.00	179.71	0.00	180.23	0.08	180.75	0.14
179.20	0.00	179.72	0.00	180.24	0.08	180.76	0.14
179.21	0.00	179.73	0.00	180.25	0.08	180.77	0.15
179.22	0.00	179.74	0.00	180.26	0.09	180.78	0.15
179.23	0.00	179.75	0.00	180.27	0.09	180.79	0.15
179.24	0.00	179.76	0.00	180.28	0.09	180.80	0.15
179.25	0.00	179.77	0.00	180.29	0.09	180.81	0.15
179.26	0.00	179.78	0.00	180.30	0.09	180.82	0.15
179.27	0.00	179.79	0.00	180.31	0.09	180.83	0.15
179.28	0.00	179.80	0.00	180.32	0.10	180.84	0.15
179.29	0.00	179.81	0.00	180.33	0.10	180.85	0.15
179.30	0.00	179.82	0.00	180.34	0.10	180.86	0.15
179.31	0.00	179.83	0.00	180.35	0.10	180.87	0.15
179.32	0.00	179.84	0.00	180.36	0.10	180.88	0.16
179.33	0.00	179.85	0.00	180.37	0.10	180.89	0.16
179.34	0.00	179.86	0.00	180.38	0.10	180.90	0.16
179.35	0.00	179.87	0.00	180.39	0.10	180.91	0.16
179.36	0.00	179.88	0.00	180.40	0.11	180.92	0.16
179.37	0.00	179.89	0.00	180.41	0.11	180.93	0.16
179.38	0.00	179.90	0.00	180.42	0.11	180.94	0.16
179.39	0.00	179.91	0.00	180.43	0.11	180.95	0.16
179.40	0.00	179.92	0.00	180.44	0.11	180.96	0.16
179.41	0.00	179.93	0.00	180.45	0.11	180.97	0.16
179.42	0.00	179.94	0.01	180.46	0.11	180.98	0.16
179.43	0.00	179.95	0.01	180.47	0.11	180.99	0.16
179.44	0.00	179.96	0.01	180.48	0.12	181.00	0.17
179.45	0.00	179.97	0.01	180.49	0.12	181.01	0.17
179.46	0.00	179.98	0.02	180.50	0.12	181.02	0.17
179.47	0.00	179.99	0.02	180.51	0.12	181.03	0.17
179.48	0.00	180.00	0.02	180.52	0.12	181.04	0.17
179.49	0.00	180.01	0.03	180.53	0.12	181.05	0.17
179.50	0.00	180.02	0.03	180.54	0.12	181.06	0.17
179.51	0.00	180.03	0.03	180.55	0.12	181.07	0.17

Stage-Discharge for Pond B-10: Basin #10 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.17	181.60	0.21	182.12	0.78	182.64	6.75
181.09	0.17	181.61	0.21	182.13	0.85	182.65	6.90
181.10	0.17	181.62	0.21	182.14	0.92	182.66	7.05
181.11	0.17	181.63	0.21	182.15	1.00	182.67	7.20
181.12	0.17	181.64	0.21	182.16	1.07	182.68	7.35
181.13	0.18	181.65	0.21	182.17	1.15	182.69	7.51
181.14	0.18	181.66	0.21	182.18	1.23	182.70	7.66
181.15	0.18	181.67	0.21	182.19	1.32	182.71	7.82
181.16	0.18	181.68	0.21	182.20	1.40	182.72	7.97
181.17	0.18	181.69	0.21	182.21	1.49	182.73	8.13
181.18	0.18	181.70	0.22	182.22	1.58	182.74	8.29
181.19	0.18	181.71	0.22	182.23	1.67	182.75	8.45
181.20	0.18	181.72	0.22	182.24	1.77	182.76	8.61
181.21	0.18	181.73	0.22	182.25	1.86	182.77	8.77
181.22	0.18	181.74	0.22	182.26	1.96	182.78	8.93
181.23	0.18	181.75	0.22	182.27	2.06	182.79	9.10
181.24	0.18	181.76	0.22	182.28	2.16	182.80	9.26
181.25	0.18	181.77	0.22	182.29	2.26	182.81	9.43
181.26	0.19	181.78	0.22	182.30	2.37	182.82	9.59
181.27	0.19	181.79	0.22	182.31	2.47	182.83	9.76
181.28	0.19	181.80	0.22	182.32	2.58	182.84	9.92
181.29	0.19	181.81	0.22	182.33	2.69	182.85	10.09
181.30	0.19	181.82	0.22	182.34	2.80	182.86	10.26
181.31	0.19	181.83	0.22	182.35	2.91	182.87	10.43
181.32	0.19	181.84	0.22	182.36	3.03	182.88	10.60
181.33	0.19	181.85	0.22	182.37	3.14	182.89	10.77
181.34	0.19	181.86	0.22	182.38	3.26	182.90	10.95
181.35	0.19	181.87	0.23	182.39	3.38	182.91	11.12
181.36	0.19	181.88	0.23	182.40	3.50	182.92	11.29
181.37	0.19	181.89	0.23	182.41	3.62	182.93	11.47
181.38	0.19	181.90	0.23	182.42	3.74	182.94	11.64
181.39	0.19	181.91	0.23	182.43	3.87	182.95	11.82
181.40	0.20	181.92	0.23	182.44	3.99	182.96	12.11
181.41	0.20	181.93	0.23	182.45	4.12	182.97	12.50
181.42	0.20	181.94	0.23	182.46	4.25	182.98	12.96
181.43	0.20	181.95	0.23	182.47	4.37	182.99	13.47
181.44	0.20	181.96	0.23	182.48	4.50	183.00	14.02
181.45	0.20	181.97	0.23	182.49	4.64		
181.46	0.20	181.98	0.23	182.50	4.77		
181.47	0.20	181.99	0.23	182.51	4.90		
181.48	0.20	182.00	0.23	182.52	5.04		
181.49	0.20	182.01	0.25	182.53	5.18		
181.50	0.20	182.02	0.27	182.54	5.31		
181.51	0.20	182.03	0.30	182.55	5.45		
181.52	0.20	182.04	0.34	182.56	5.59		
181.53	0.20	182.05	0.38	182.57	5.73		
181.54	0.20	182.06	0.43	182.58	5.87		
181.55	0.21	182.07	0.48	182.59	6.02		
181.56	0.21	182.08	0.53	182.60	6.16		
181.57	0.21	182.09	0.59	182.61	6.31		
181.58	0.21	182.10	0.65	182.62	6.45		
181.59	0.21	182.11	0.71	182.63	6.60		

Stage-Area-Storage for Pond B-10: Basin #10

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	4,220	0	179.52	4,627	2,300
179.01	4,228	42	179.53	4,635	2,347
179.02	4,236	85	179.54	4,643	2,393
179.03	4,243	127	179.55	4,651	2,439
179.04	4,251	169	179.56	4,658	2,486
179.05	4,259	212	179.57	4,666	2,533
179.06	4,267	255	179.58	4,674	2,579
179.07	4,275	297	179.59	4,682	2,626
179.08	4,283	340	179.60	4,690	2,673
179.09	4,290	383	179.61	4,698	2,720
179.10	4,298	426	179.62	4,705	2,767
179.11	4,306	469	179.63	4,713	2,814
179.12	4,314	512	179.64	4,721	2,861
179.13	4,322	555	179.65	4,729	2,908
179.14	4,330	598	179.66	4,737	2,956
179.15	4,337	642	179.67	4,745	3,003
179.16	4,345	685	179.68	4,752	3,051
179.17	4,353	729	179.69	4,760	3,098
179.18	4,361	772	179.70	4,768	3,146
179.19	4,369	816	179.71	4,776	3,194
179.20	4,377	860	179.72	4,784	3,241
179.21	4,384	903	179.73	4,792	3,289
179.22	4,392	947	179.74	4,799	3,337
179.23	4,400	991	179.75	4,807	3,385
179.24	4,408	1,035	179.76	4,815	3,433
179.25	4,416	1,079	179.77	4,823	3,482
179.26	4,424	1,124	179.78	4,831	3,530
179.27	4,431	1,168	179.79	4,839	3,578
179.28	4,439	1,212	179.80	4,846	3,627
179.29	4,447	1,257	179.81	4,854	3,675
179.30	4,455	1,301	179.82	4,862	3,724
179.31	4,463	1,346	179.83	4,870	3,772
179.32	4,471	1,390	179.84	4,878	3,821
179.33	4,478	1,435	179.85	4,886	3,870
179.34	4,486	1,480	179.86	4,893	3,919
179.35	4,494	1,525	179.87	4,901	3,968
179.36	4,502	1,570	179.88	4,909	4,017
179.37	4,510	1,615	179.89	4,917	4,066
179.38	4,518	1,660	179.90	4,925	4,115
179.39	4,525	1,705	179.91	4,933	4,164
179.40	4,533	1,751	179.92	4,940	4,214
179.41	4,541	1,796	179.93	4,948	4,263
179.42	4,549	1,841	179.94	4,956	4,313
179.43	4,557	1,887	179.95	4,964	4,362
179.44	4,565	1,933	179.96	4,972	4,412
179.45	4,572	1,978	179.97	4,980	4,462
179.46	4,580	2,024	179.98	4,987	4,512
179.47	4,588	2,070	179.99	4,995	4,562
179.48	4,596	2,116	180.00	5,003	4,612
179.49	4,604	2,162	180.01	5,011	4,662
179.50	4,612	2,208	180.02	5,020	4,712
179.51	4,619	2,254	180.03	5,028	4,762

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	5,036	4,812	180.56	5,468	7,543
180.05	5,045	4,863	180.57	5,476	7,598
180.06	5,053	4,913	180.58	5,484	7,653
180.07	5,061	4,964	180.59	5,493	7,708
180.08	5,069	5,014	180.60	5,501	7,763
180.09	5,078	5,065	180.61	5,509	7,818
180.10	5,086	5,116	180.62	5,518	7,873
180.11	5,094	5,167	180.63	5,526	7,928
180.12	5,103	5,218	180.64	5,534	7,983
180.13	5,111	5,269	180.65	5,543	8,039
180.14	5,119	5,320	180.66	5,551	8,094
180.15	5,128	5,371	180.67	5,559	8,150
180.16	5,136	5,423	180.68	5,567	8,205
180.17	5,144	5,474	180.69	5,576	8,261
180.18	5,152	5,525	180.70	5,584	8,317
180.19	5,161	5,577	180.71	5,592	8,373
180.20	5,169	5,629	180.72	5,601	8,429
180.21	5,177	5,680	180.73	5,609	8,485
180.22	5,186	5,732	180.74	5,617	8,541
180.23	5,194	5,784	180.75	5,626	8,597
180.24	5,202	5,836	180.76	5,634	8,653
180.25	5,211	5,888	180.77	5,642	8,710
180.26	5,219	5,940	180.78	5,650	8,766
180.27	5,227	5,993	180.79	5,659	8,823
180.28	5,235	6,045	180.80	5,667	8,880
180.29	5,244	6,097	180.81	5,675	8,936
180.30	5,252	6,150	180.82	5,684	8,993
180.31	5,260	6,202	180.83	5,692	9,050
180.32	5,269	6,255	180.84	5,700	9,107
180.33	5,277	6,308	180.85	5,708	9,164
180.34	5,285	6,360	180.86	5,717	9,221
180.35	5,293	6,413	180.87	5,725	9,278
180.36	5,302	6,466	180.88	5,733	9,336
180.37	5,310	6,519	180.89	5,742	9,393
180.38	5,318	6,573	180.90	5,750	9,450
180.39	5,327	6,626	180.91	5,758	9,508
180.40	5,335	6,679	180.92	5,767	9,566
180.41	5,343	6,732	180.93	5,775	9,623
180.42	5,352	6,786	180.94	5,783	9,681
180.43	5,360	6,840	180.95	5,791	9,739
180.44	5,368	6,893	180.96	5,800	9,797
180.45	5,376	6,947	180.97	5,808	9,855
180.46	5,385	7,001	180.98	5,816	9,913
180.47	5,393	7,055	180.99	5,825	9,971
180.48	5,401	7,109	181.00	5,833	10,030
180.49	5,410	7,163	181.01	5,842	10,088
180.50	5,418	7,217	181.02	5,851	10,146
180.51	5,426	7,271	181.03	5,859	10,205
180.52	5,435	7,325	181.04	5,868	10,264
180.53	5,443	7,380	181.05	5,877	10,322
180.54	5,451	7,434	181.06	5,886	10,381
180.55	5,460	7,489	181.07	5,894	10,440

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	5,903	10,499	181.60	6,359	13,687
181.09	5,912	10,558	181.61	6,368	13,751
181.10	5,921	10,617	181.62	6,377	13,815
181.11	5,929	10,676	181.63	6,386	13,878
181.12	5,938	10,736	181.64	6,394	13,942
181.13	5,947	10,795	181.65	6,403	14,006
181.14	5,956	10,855	181.66	6,412	14,070
181.15	5,965	10,914	181.67	6,421	14,134
181.16	5,973	10,974	181.68	6,429	14,199
181.17	5,982	11,034	181.69	6,438	14,263
181.18	5,991	11,094	181.70	6,447	14,327
181.19	6,000	11,154	181.71	6,456	14,392
181.20	6,008	11,214	181.72	6,464	14,457
181.21	6,017	11,274	181.73	6,473	14,521
181.22	6,026	11,334	181.74	6,482	14,586
181.23	6,035	11,394	181.75	6,491	14,651
181.24	6,043	11,455	181.76	6,500	14,716
181.25	6,052	11,515	181.77	6,508	14,781
181.26	6,061	11,576	181.78	6,517	14,846
181.27	6,070	11,636	181.79	6,526	14,911
181.28	6,079	11,697	181.80	6,535	14,977
181.29	6,087	11,758	181.81	6,543	15,042
181.30	6,096	11,819	181.82	6,552	15,107
181.31	6,105	11,880	181.83	6,561	15,173
181.32	6,114	11,941	181.84	6,570	15,239
181.33	6,122	12,002	181.85	6,578	15,304
181.34	6,131	12,063	181.86	6,587	15,370
181.35	6,140	12,125	181.87	6,596	15,436
181.36	6,149	12,186	181.88	6,605	15,502
181.37	6,157	12,248	181.89	6,614	15,568
181.38	6,166	12,309	181.90	6,622	15,634
181.39	6,175	12,371	181.91	6,631	15,701
181.40	6,184	12,433	181.92	6,640	15,767
181.41	6,193	12,495	181.93	6,649	15,833
181.42	6,201	12,557	181.94	6,657	15,900
181.43	6,210	12,619	181.95	6,666	15,967
181.44	6,219	12,681	181.96	6,675	16,033
181.45	6,228	12,743	181.97	6,684	16,100
181.46	6,236	12,805	181.98	6,692	16,167
181.47	6,245	12,868	181.99	6,701	16,234
181.48	6,254	12,930	182.00	6,710	16,301
181.49	6,263	12,993	182.01	6,719	16,368
181.50	6,272	13,056	182.02	6,728	16,435
181.51	6,280	13,118	182.03	6,738	16,503
181.52	6,289	13,181	182.04	6,747	16,570
181.53	6,298	13,244	182.05	6,756	16,638
181.54	6,307	13,307	182.06	6,765	16,705
181.55	6,315	13,370	182.07	6,775	16,773
181.56	6,324	13,433	182.08	6,784	16,841
181.57	6,333	13,497	182.09	6,793	16,909
181.58	6,342	13,560	182.10	6,802	16,977
181.59	6,350	13,624	182.11	6,812	17,045

Stage-Area-Storage for Pond B-10: Basin #10 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	6,821	17,113	182.64	7,301	20,784
182.13	6,830	17,181	182.65	7,310	20,857
182.14	6,839	17,249	182.66	7,319	20,931
182.15	6,848	17,318	182.67	7,328	21,004
182.16	6,858	17,386	182.68	7,338	21,077
182.17	6,867	17,455	182.69	7,347	21,151
182.18	6,876	17,524	182.70	7,356	21,224
182.19	6,885	17,593	182.71	7,365	21,298
182.20	6,895	17,661	182.72	7,375	21,371
182.21	6,904	17,730	182.73	7,384	21,445
182.22	6,913	17,800	182.74	7,393	21,519
182.23	6,922	17,869	182.75	7,402	21,593
182.24	6,932	17,938	182.76	7,411	21,667
182.25	6,941	18,007	182.77	7,421	21,741
182.26	6,950	18,077	182.78	7,430	21,816
182.27	6,959	18,146	182.79	7,439	21,890
182.28	6,968	18,216	182.80	7,448	21,964
182.29	6,978	18,286	182.81	7,458	22,039
182.30	6,987	18,356	182.82	7,467	22,114
182.31	6,996	18,425	182.83	7,476	22,188
182.32	7,005	18,495	182.84	7,485	22,263
182.33	7,015	18,566	182.85	7,495	22,338
182.34	7,024	18,636	182.86	7,504	22,413
182.35	7,033	18,706	182.87	7,513	22,488
182.36	7,042	18,776	182.88	7,522	22,563
182.37	7,052	18,847	182.89	7,531	22,638
182.38	7,061	18,917	182.90	7,541	22,714
182.39	7,070	18,988	182.91	7,550	22,789
182.40	7,079	19,059	182.92	7,559	22,865
182.41	7,088	19,130	182.93	7,568	22,940
182.42	7,098	19,201	182.94	7,578	23,016
182.43	7,107	19,272	182.95	7,587	23,092
182.44	7,116	19,343	182.96	7,596	23,168
182.45	7,125	19,414	182.97	7,605	23,244
182.46	7,135	19,485	182.98	7,615	23,320
182.47	7,144	19,557	182.99	7,624	23,396
182.48	7,153	19,628	183.00	7,633	23,473
182.49	7,162	19,700			
182.50	7,172	19,771			
182.51	7,181	19,843			
182.52	7,190	19,915			
182.53	7,199	19,987			
182.54	7,208	20,059			
182.55	7,218	20,131			
182.56	7,227	20,203			
182.57	7,236	20,276			
182.58	7,245	20,348			
182.59	7,255	20,421			
182.60	7,264	20,493			
182.61	7,273	20,566			
182.62	7,282	20,639			
182.63	7,291	20,711			

Summary for Pond B-11: Basin #11

Inflow Area = 2.228 ac, 58.53% Impervious, Inflow Depth = 9.52" for Future 100 yr event
 Inflow = 20.88 cfs @ 12.17 hrs, Volume= 1.768 af
 Outflow = 15.51 cfs @ 12.25 hrs, Volume= 1.597 af, Atten= 26%, Lag= 4.9 min
 Primary = 15.51 cfs @ 12.25 hrs, Volume= 1.597 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.97' @ 12.26 hrs Surf.Area= 7,979 sf Storage= 25,103 cf

Plug-Flow detention time= 254.6 min calculated for 1.597 af (90% of inflow)
 Center-of-Mass det. time= 203.7 min (968.5 - 764.8)

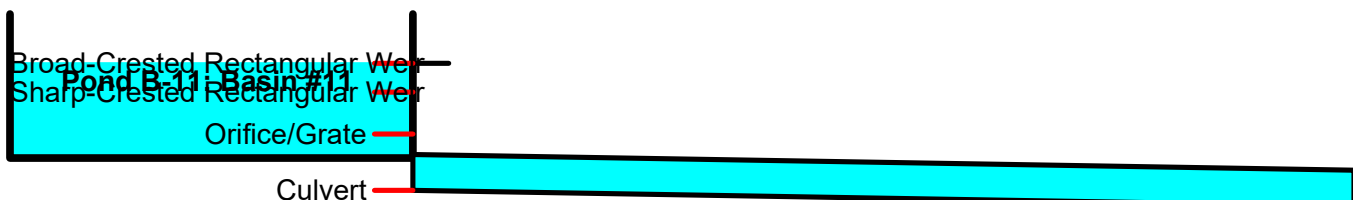
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	43,224 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	4,780	0	0
181.00	5,522	5,151	5,151
182.00	6,306	5,914	11,065
183.00	7,135	6,721	17,786
184.00	8,007	7,571	25,357
185.00	8,923	8,465	33,822
186.00	9,882	9,403	43,224

Device	Routing	Invert	Outlet Devices
#1	Primary	178.65'	18.0" Round Culvert L= 131.0' Ke= 0.500 Inlet / Outlet Invert= 178.65' / 178.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	183.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

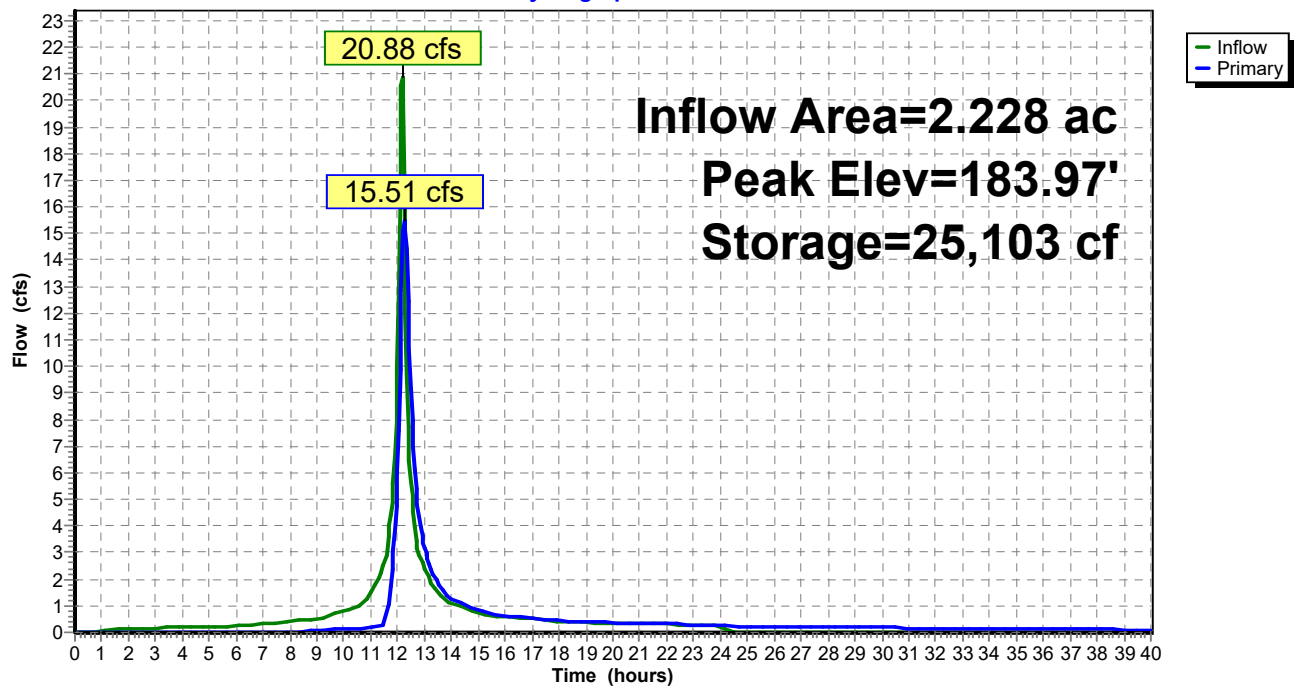
Primary OutFlow Max=15.42 cfs @ 12.25 hrs HW=183.97' (Free Discharge)

- 1=Culvert (Barrel Controls 15.18 cfs @ 8.59 fps)
- 2=Orifice/Grate (Passes < 0.28 cfs potential flow)
- 3=Sharp-Crested Rectangular Weir (Passes < 16.47 cfs potential flow)
- 4=Broad-Crested Rectangular Weir (Weir Controls 0.23 cfs @ 0.29 fps)



Pond B-11: Basin #11

Hydrograph



Hydrograph for Pond B-11: Basin #11

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.01	1	180.00	0.00
0.60	0.02	5	180.00	0.00
0.70	0.03	14	180.00	0.00
0.80	0.04	28	180.01	0.00
0.90	0.05	46	180.01	0.00
1.00	0.06	67	180.01	0.00
1.10	0.07	92	180.02	0.00
1.20	0.08	120	180.03	0.00
1.30	0.09	151	180.03	0.00
1.40	0.10	184	180.04	0.00
1.50	0.10	220	180.05	0.00
1.60	0.11	258	180.05	0.00
1.70	0.11	298	180.06	0.00
1.80	0.12	339	180.07	0.00
1.90	0.12	383	180.08	0.00
2.00	0.13	428	180.09	0.00
2.10	0.13	474	180.10	0.00
2.20	0.14	522	180.11	0.00
2.30	0.14	572	180.12	0.00
2.40	0.14	622	180.13	0.00
2.50	0.15	674	180.14	0.00
2.60	0.15	727	180.15	0.00
2.70	0.15	781	180.16	0.00
2.80	0.16	837	180.17	0.00
2.90	0.16	893	180.18	0.00
3.00	0.16	951	180.20	0.00
3.10	0.16	1,009	180.21	0.00
3.20	0.17	1,068	180.22	0.00
3.30	0.17	1,129	180.23	0.00
3.40	0.17	1,190	180.24	0.00
3.50	0.17	1,252	180.26	0.00
3.60	0.18	1,315	180.27	0.00
3.70	0.18	1,379	180.28	0.00
3.80	0.18	1,443	180.30	0.00
3.90	0.18	1,509	180.31	0.00
4.00	0.18	1,575	180.32	0.00
4.10	0.19	1,642	180.33	0.00
4.20	0.19	1,710	180.35	0.00
4.30	0.19	1,778	180.36	0.00
4.40	0.19	1,847	180.38	0.00
4.50	0.20	1,918	180.39	0.00
4.60	0.20	1,988	180.40	0.00
4.70	0.20	2,060	180.42	0.00
4.80	0.20	2,132	180.43	0.00
4.90	0.20	2,204	180.45	0.00
5.00	0.20	2,278	180.46	0.00
5.10	0.21	2,352	180.47	0.00

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.21	2,427	180.49	0.00
5.30	0.21	2,503	180.50	0.00
5.40	0.22	2,580	180.52	0.00
5.50	0.22	2,658	180.53	0.00
5.60	0.22	2,737	180.55	0.00
5.70	0.23	2,818	180.56	0.00
5.80	0.23	2,900	180.58	0.00
5.90	0.23	2,983	180.60	0.00
6.00	0.24	3,067	180.61	0.00
6.10	0.24	3,153	180.63	0.00
6.20	0.25	3,240	180.65	0.00
6.30	0.25	3,330	180.66	0.00
6.40	0.26	3,423	180.68	0.00
6.50	0.27	3,519	180.70	0.00
6.60	0.28	3,618	180.72	0.00
6.70	0.29	3,719	180.74	0.00
6.80	0.29	3,824	180.76	0.00
6.90	0.30	3,931	180.78	0.00
7.00	0.31	4,042	180.80	0.00
7.10	0.32	4,156	180.82	0.00
7.20	0.33	4,272	180.84	0.00
7.30	0.34	4,392	180.86	0.00
7.40	0.35	4,515	180.88	0.00
7.50	0.36	4,641	180.91	0.00
7.60	0.36	4,771	180.93	0.00
7.70	0.37	4,903	180.95	0.00
7.80	0.38	5,039	180.98	0.00
7.90	0.39	5,178	181.00	0.00
8.00	0.40	5,320	181.03	0.00
8.10	0.41	5,464	181.06	0.01
8.20	0.42	5,610	181.08	0.01
8.30	0.43	5,756	181.11	0.02
8.40	0.44	5,903	181.13	0.03
8.50	0.45	6,050	181.16	0.04
8.60	0.46	6,198	181.19	0.05
8.70	0.47	6,346	181.21	0.05
8.80	0.48	6,495	181.24	0.06
8.90	0.49	6,646	181.27	0.07
9.00	0.50	6,798	181.29	0.07
9.10	0.51	6,952	181.32	0.08
9.20	0.54	7,113	181.35	0.08
9.30	0.57	7,281	181.38	0.09
9.40	0.60	7,459	181.41	0.09
9.50	0.63	7,646	181.44	0.09
9.60	0.66	7,843	181.47	0.10
9.70	0.69	8,049	181.51	0.10
9.80	0.72	8,266	181.54	0.11
9.90	0.76	8,492	181.58	0.11
10.00	0.79	8,729	181.62	0.12
10.10	0.82	8,976	181.66	0.12
10.20	0.86	9,233	181.70	0.13
10.30	0.89	9,501	181.75	0.13

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.93	9,780	181.79	0.14
10.50	0.96	10,070	181.84	0.14
10.60	1.02	10,373	181.89	0.15
10.70	1.12	10,703	181.94	0.15
10.80	1.24	11,071	182.00	0.16
10.90	1.36	11,481	182.07	0.16
11.00	1.48	11,934	182.14	0.17
11.10	1.64	12,432	182.21	0.17
11.20	1.85	12,995	182.30	0.18
11.30	2.08	13,635	182.40	0.19
11.40	2.32	14,358	182.51	0.19
11.50	2.55	15,163	182.62	0.20
11.60	3.08	16,082	182.76	0.22
11.70	4.04	17,158	182.91	1.07
11.80	4.89	18,139	183.05	2.34
11.90	6.58	19,077	183.18	3.83
12.00	9.94	20,242	183.34	5.96
12.10	16.75	22,146	183.59	9.90
12.20	20.09	24,597	183.90	15.08
12.30	12.09	24,861	183.94	15.14
12.40	7.74	23,277	183.74	12.45
12.50	5.66	21,790	183.54	9.13
12.60	4.58	20,760	183.41	6.98
12.70	3.45	19,964	183.30	5.43
12.80	2.97	19,364	183.22	4.34
12.90	2.67	18,951	183.16	3.63
13.00	2.41	18,652	183.12	3.13
13.10	2.15	18,414	183.09	2.76
13.20	1.92	18,210	183.06	2.45
13.30	1.76	18,038	183.04	2.20
13.40	1.62	17,893	183.02	1.99
13.50	1.48	17,767	183.00	1.82
13.60	1.35	17,650	182.98	1.67
13.70	1.24	17,539	182.97	1.53
13.80	1.18	17,446	182.95	1.41
13.90	1.14	17,373	182.94	1.31
14.00	1.10	17,316	182.93	1.25
14.10	1.07	17,266	182.93	1.19
14.20	1.03	17,223	182.92	1.14
14.30	0.99	17,183	182.92	1.10
14.40	0.96	17,145	182.91	1.06
14.50	0.92	17,110	182.90	1.02
14.60	0.89	17,075	182.90	0.98
14.70	0.85	17,041	182.90	0.94
14.80	0.82	17,008	182.89	0.91
14.90	0.78	16,975	182.89	0.87
15.00	0.74	16,942	182.88	0.84
15.10	0.71	16,909	182.88	0.80
15.20	0.68	16,874	182.87	0.77
15.30	0.66	16,842	182.87	0.75
15.40	0.65	16,815	182.86	0.72
15.50	0.64	16,793	182.86	0.70

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.63	16,773	182.86	0.68
15.70	0.63	16,756	182.85	0.67
15.80	0.61	16,741	182.85	0.66
15.90	0.61	16,726	182.85	0.64
16.00	0.60	16,713	182.85	0.63
16.10	0.59	16,701	182.85	0.62
16.20	0.58	16,689	182.84	0.61
16.30	0.57	16,677	182.84	0.60
16.40	0.56	16,666	182.84	0.59
16.50	0.55	16,655	182.84	0.58
16.60	0.54	16,643	182.84	0.57
16.70	0.53	16,632	182.84	0.56
16.80	0.52	16,622	182.84	0.55
16.90	0.51	16,611	182.83	0.54
17.00	0.50	16,600	182.83	0.53
17.10	0.49	16,589	182.83	0.52
17.20	0.48	16,579	182.83	0.51
17.30	0.47	16,568	182.83	0.50
17.40	0.46	16,557	182.83	0.49
17.50	0.45	16,546	182.82	0.48
17.60	0.44	16,535	182.82	0.47
17.70	0.44	16,524	182.82	0.47
17.80	0.43	16,514	182.82	0.46
17.90	0.42	16,502	182.82	0.45
18.00	0.41	16,490	182.82	0.44
18.10	0.40	16,477	182.81	0.44
18.20	0.39	16,463	182.81	0.43
18.30	0.39	16,449	182.81	0.42
18.40	0.38	16,438	182.81	0.41
18.50	0.38	16,427	182.81	0.41
18.60	0.38	16,418	182.81	0.40
18.70	0.38	16,409	182.80	0.40
18.80	0.37	16,401	182.80	0.39
18.90	0.37	16,394	182.80	0.39
19.00	0.37	16,388	182.80	0.39
19.10	0.37	16,382	182.80	0.38
19.20	0.36	16,376	182.80	0.38
19.30	0.36	16,370	182.80	0.38
19.40	0.36	16,365	182.80	0.37
19.50	0.36	16,360	182.80	0.37
19.60	0.35	16,355	182.80	0.37
19.70	0.35	16,350	182.80	0.36
19.80	0.35	16,345	182.80	0.36
19.90	0.35	16,341	182.80	0.36
20.00	0.34	16,337	182.79	0.36
20.10	0.34	16,332	182.79	0.35
20.20	0.34	16,327	182.79	0.35
20.30	0.34	16,323	182.79	0.35
20.40	0.33	16,318	182.79	0.35
20.50	0.33	16,314	182.79	0.34
20.60	0.33	16,310	182.79	0.34
20.70	0.33	16,305	182.79	0.34

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.33	16,301	182.79	0.34
20.90	0.32	16,297	182.79	0.34
21.00	0.32	16,292	182.79	0.33
21.10	0.32	16,288	182.79	0.33
21.20	0.32	16,284	182.79	0.33
21.30	0.31	16,279	182.79	0.33
21.40	0.31	16,275	182.79	0.32
21.50	0.31	16,271	182.79	0.32
21.60	0.31	16,267	182.78	0.32
21.70	0.30	16,262	182.78	0.32
21.80	0.30	16,258	182.78	0.31
21.90	0.30	16,254	182.78	0.31
22.00	0.30	16,250	182.78	0.31
22.10	0.29	16,245	182.78	0.31
22.20	0.29	16,241	182.78	0.30
22.30	0.29	16,237	182.78	0.30
22.40	0.29	16,233	182.78	0.30
22.50	0.28	16,228	182.78	0.30
22.60	0.28	16,224	182.78	0.29
22.70	0.28	16,220	182.78	0.29
22.80	0.28	16,215	182.78	0.29
22.90	0.28	16,211	182.78	0.29
23.00	0.27	16,207	182.78	0.29
23.10	0.27	16,202	182.78	0.28
23.20	0.27	16,198	182.77	0.28
23.30	0.27	16,194	182.77	0.28
23.40	0.26	16,189	182.77	0.28
23.50	0.26	16,185	182.77	0.27
23.60	0.26	16,181	182.77	0.27
23.70	0.26	16,177	182.77	0.27
23.80	0.25	16,172	182.77	0.27
23.90	0.25	16,168	182.77	0.26
24.00	0.26	16,165	182.77	0.26
24.10	0.22	16,164	182.77	0.26
24.20	0.06	16,123	182.76	0.24
24.30	0.01	16,054	182.75	0.22
24.40	0.00	15,981	182.74	0.21
24.50	0.00	15,906	182.73	0.21
24.60	0.00	15,831	182.72	0.21
24.70	0.00	15,756	182.71	0.21
24.80	0.00	15,681	182.70	0.21
24.90	0.00	15,606	182.69	0.21
25.00	0.00	15,532	182.68	0.21
25.10	0.00	15,458	182.67	0.21
25.20	0.00	15,384	182.66	0.20
25.30	0.00	15,311	182.65	0.20
25.40	0.00	15,238	182.64	0.20
25.50	0.00	15,165	182.62	0.20
25.60	0.00	15,092	182.61	0.20
25.70	0.00	15,020	182.60	0.20
25.80	0.00	14,947	182.59	0.20
25.90	0.00	14,875	182.58	0.20

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,804	182.57	0.20
26.10	0.00	14,732	182.56	0.20
26.20	0.00	14,661	182.55	0.20
26.30	0.00	14,590	182.54	0.20
26.40	0.00	14,519	182.53	0.20
26.50	0.00	14,449	182.52	0.20
26.60	0.00	14,379	182.51	0.19
26.70	0.00	14,309	182.50	0.19
26.80	0.00	14,239	182.49	0.19
26.90	0.00	14,170	182.48	0.19
27.00	0.00	14,101	182.47	0.19
27.10	0.00	14,032	182.46	0.19
27.20	0.00	13,963	182.45	0.19
27.30	0.00	13,895	182.44	0.19
27.40	0.00	13,827	182.43	0.19
27.50	0.00	13,759	182.42	0.19
27.60	0.00	13,692	182.41	0.19
27.70	0.00	13,624	182.40	0.19
27.80	0.00	13,557	182.39	0.19
27.90	0.00	13,491	182.38	0.19
28.00	0.00	13,424	182.37	0.18
28.10	0.00	13,358	182.36	0.18
28.20	0.00	13,292	182.35	0.18
28.30	0.00	13,226	182.34	0.18
28.40	0.00	13,161	182.33	0.18
28.50	0.00	13,096	182.32	0.18
28.60	0.00	13,031	182.31	0.18
28.70	0.00	12,966	182.30	0.18
28.80	0.00	12,902	182.29	0.18
28.90	0.00	12,838	182.28	0.18
29.00	0.00	12,774	182.27	0.18
29.10	0.00	12,710	182.26	0.18
29.20	0.00	12,647	182.25	0.18
29.30	0.00	12,584	182.24	0.17
29.40	0.00	12,521	182.23	0.17
29.50	0.00	12,459	182.22	0.17
29.60	0.00	12,397	182.21	0.17
29.70	0.00	12,335	182.20	0.17
29.80	0.00	12,273	182.19	0.17
29.90	0.00	12,212	182.18	0.17
30.00	0.00	12,150	182.17	0.17
30.10	0.00	12,090	182.16	0.17
30.20	0.00	12,029	182.15	0.17
30.30	0.00	11,969	182.14	0.17
30.40	0.00	11,909	182.13	0.17
30.50	0.00	11,849	182.12	0.17
30.60	0.00	11,789	182.11	0.16
30.70	0.00	11,730	182.10	0.16
30.80	0.00	11,671	182.10	0.16
30.90	0.00	11,612	182.09	0.16
31.00	0.00	11,554	182.08	0.16
31.10	0.00	11,496	182.07	0.16

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,438	182.06	0.16
31.30	0.00	11,380	182.05	0.16
31.40	0.00	11,323	182.04	0.16
31.50	0.00	11,266	182.03	0.16
31.60	0.00	11,209	182.02	0.16
31.70	0.00	11,153	182.01	0.16
31.80	0.00	11,096	182.00	0.16
31.90	0.00	11,041	182.00	0.16
32.00	0.00	10,985	181.99	0.15
32.10	0.00	10,930	181.98	0.15
32.20	0.00	10,874	181.97	0.15
32.30	0.00	10,820	181.96	0.15
32.40	0.00	10,765	181.95	0.15
32.50	0.00	10,711	181.94	0.15
32.60	0.00	10,657	181.93	0.15
32.70	0.00	10,603	181.93	0.15
32.80	0.00	10,550	181.92	0.15
32.90	0.00	10,496	181.91	0.15
33.00	0.00	10,444	181.90	0.15
33.10	0.00	10,391	181.89	0.15
33.20	0.00	10,339	181.88	0.14
33.30	0.00	10,287	181.88	0.14
33.40	0.00	10,235	181.87	0.14
33.50	0.00	10,183	181.86	0.14
33.60	0.00	10,132	181.85	0.14
33.70	0.00	10,081	181.84	0.14
33.80	0.00	10,031	181.83	0.14
33.90	0.00	9,980	181.83	0.14
34.00	0.00	9,930	181.82	0.14
34.10	0.00	9,881	181.81	0.14
34.20	0.00	9,831	181.80	0.14
34.30	0.00	9,782	181.79	0.14
34.40	0.00	9,733	181.79	0.14
34.50	0.00	9,684	181.78	0.13
34.60	0.00	9,636	181.77	0.13
34.70	0.00	9,588	181.76	0.13
34.80	0.00	9,540	181.75	0.13
34.90	0.00	9,493	181.75	0.13
35.00	0.00	9,445	181.74	0.13
35.10	0.00	9,398	181.73	0.13
35.20	0.00	9,352	181.72	0.13
35.30	0.00	9,305	181.72	0.13
35.40	0.00	9,259	181.71	0.13
35.50	0.00	9,214	181.70	0.13
35.60	0.00	9,168	181.69	0.13
35.70	0.00	9,123	181.69	0.13
35.80	0.00	9,078	181.68	0.12
35.90	0.00	9,033	181.67	0.12
36.00	0.00	8,989	181.66	0.12
36.10	0.00	8,945	181.66	0.12
36.20	0.00	8,901	181.65	0.12
36.30	0.00	8,858	181.64	0.12

Hydrograph for Pond B-11: Basin #11 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,815	181.63	0.12
36.50	0.00	8,772	181.63	0.12
36.60	0.00	8,729	181.62	0.12
36.70	0.00	8,687	181.61	0.12
36.80	0.00	8,645	181.61	0.12
36.90	0.00	8,603	181.60	0.12
37.00	0.00	8,562	181.59	0.11
37.10	0.00	8,521	181.59	0.11
37.20	0.00	8,480	181.58	0.11
37.30	0.00	8,439	181.57	0.11
37.40	0.00	8,399	181.57	0.11
37.50	0.00	8,359	181.56	0.11
37.60	0.00	8,319	181.55	0.11
37.70	0.00	8,280	181.55	0.11
37.80	0.00	8,241	181.54	0.11
37.90	0.00	8,202	181.53	0.11
38.00	0.00	8,163	181.53	0.11
38.10	0.00	8,125	181.52	0.11
38.20	0.00	8,087	181.51	0.10
38.30	0.00	8,050	181.51	0.10
38.40	0.00	8,012	181.50	0.10
38.50	0.00	7,975	181.49	0.10
38.60	0.00	7,939	181.49	0.10
38.70	0.00	7,902	181.48	0.10
38.80	0.00	7,866	181.48	0.10
38.90	0.00	7,830	181.47	0.10
39.00	0.00	7,795	181.46	0.10
39.10	0.00	7,759	181.46	0.10
39.20	0.00	7,724	181.45	0.10
39.30	0.00	7,690	181.45	0.10
39.40	0.00	7,655	181.44	0.10
39.50	0.00	7,621	181.43	0.09
39.60	0.00	7,588	181.43	0.09
39.70	0.00	7,554	181.42	0.09
39.80	0.00	7,521	181.42	0.09
39.90	0.00	7,488	181.41	0.09
40.00	0.00	7,456	181.41	0.09

Stage-Discharge for Pond B-11: Basin #11

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.11
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.11
180.02	0.00	180.54	0.00	181.06	0.01	181.58	0.11
180.03	0.00	180.55	0.00	181.07	0.01	181.59	0.11
180.04	0.00	180.56	0.00	181.08	0.01	181.60	0.12
180.05	0.00	180.57	0.00	181.09	0.01	181.61	0.12
180.06	0.00	180.58	0.00	181.10	0.02	181.62	0.12
180.07	0.00	180.59	0.00	181.11	0.02	181.63	0.12
180.08	0.00	180.60	0.00	181.12	0.02	181.64	0.12
180.09	0.00	180.61	0.00	181.13	0.03	181.65	0.12
180.10	0.00	180.62	0.00	181.14	0.03	181.66	0.12
180.11	0.00	180.63	0.00	181.15	0.03	181.67	0.12
180.12	0.00	180.64	0.00	181.16	0.04	181.68	0.12
180.13	0.00	180.65	0.00	181.17	0.04	181.69	0.13
180.14	0.00	180.66	0.00	181.18	0.05	181.70	0.13
180.15	0.00	180.67	0.00	181.19	0.05	181.71	0.13
180.16	0.00	180.68	0.00	181.20	0.05	181.72	0.13
180.17	0.00	180.69	0.00	181.21	0.05	181.73	0.13
180.18	0.00	180.70	0.00	181.22	0.06	181.74	0.13
180.19	0.00	180.71	0.00	181.23	0.06	181.75	0.13
180.20	0.00	180.72	0.00	181.24	0.06	181.76	0.13
180.21	0.00	180.73	0.00	181.25	0.06	181.77	0.13
180.22	0.00	180.74	0.00	181.26	0.06	181.78	0.13
180.23	0.00	180.75	0.00	181.27	0.07	181.79	0.14
180.24	0.00	180.76	0.00	181.28	0.07	181.80	0.14
180.25	0.00	180.77	0.00	181.29	0.07	181.81	0.14
180.26	0.00	180.78	0.00	181.30	0.07	181.82	0.14
180.27	0.00	180.79	0.00	181.31	0.07	181.83	0.14
180.28	0.00	180.80	0.00	181.32	0.08	181.84	0.14
180.29	0.00	180.81	0.00	181.33	0.08	181.85	0.14
180.30	0.00	180.82	0.00	181.34	0.08	181.86	0.14
180.31	0.00	180.83	0.00	181.35	0.08	181.87	0.14
180.32	0.00	180.84	0.00	181.36	0.08	181.88	0.14
180.33	0.00	180.85	0.00	181.37	0.08	181.89	0.15
180.34	0.00	180.86	0.00	181.38	0.09	181.90	0.15
180.35	0.00	180.87	0.00	181.39	0.09	181.91	0.15
180.36	0.00	180.88	0.00	181.40	0.09	181.92	0.15
180.37	0.00	180.89	0.00	181.41	0.09	181.93	0.15
180.38	0.00	180.90	0.00	181.42	0.09	181.94	0.15
180.39	0.00	180.91	0.00	181.43	0.09	181.95	0.15
180.40	0.00	180.92	0.00	181.44	0.10	181.96	0.15
180.41	0.00	180.93	0.00	181.45	0.10	181.97	0.15
180.42	0.00	180.94	0.00	181.46	0.10	181.98	0.15
180.43	0.00	180.95	0.00	181.47	0.10	181.99	0.15
180.44	0.00	180.96	0.00	181.48	0.10	182.00	0.16
180.45	0.00	180.97	0.00	181.49	0.10	182.01	0.16
180.46	0.00	180.98	0.00	181.50	0.10	182.02	0.16
180.47	0.00	180.99	0.00	181.51	0.10	182.03	0.16
180.48	0.00	181.00	0.00	181.52	0.11	182.04	0.16
180.49	0.00	181.01	0.00	181.53	0.11	182.05	0.16
180.50	0.00	181.02	0.00	181.54	0.11	182.06	0.16
180.51	0.00	181.03	0.00	181.55	0.11	182.07	0.16

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.16	182.60	0.20	183.12	3.12	183.64	10.75
182.09	0.16	182.61	0.20	183.13	3.24	183.65	10.93
182.10	0.16	182.62	0.20	183.14	3.36	183.66	11.10
182.11	0.16	182.63	0.20	183.15	3.48	183.67	11.27
182.12	0.17	182.64	0.20	183.16	3.60	183.68	11.45
182.13	0.17	182.65	0.20	183.17	3.72	183.69	11.62
182.14	0.17	182.66	0.20	183.18	3.85	183.70	11.80
182.15	0.17	182.67	0.21	183.19	3.97	183.71	11.98
182.16	0.17	182.68	0.21	183.20	4.10	183.72	12.16
182.17	0.17	182.69	0.21	183.21	4.23	183.73	12.33
182.18	0.17	182.70	0.21	183.22	4.35	183.74	12.51
182.19	0.17	182.71	0.21	183.23	4.48	183.75	12.69
182.20	0.17	182.72	0.21	183.24	4.62	183.76	12.87
182.21	0.17	182.73	0.21	183.25	4.75	183.77	13.06
182.22	0.17	182.74	0.21	183.26	4.88	183.78	13.24
182.23	0.17	182.75	0.21	183.27	5.02	183.79	13.42
182.24	0.17	182.76	0.22	183.28	5.16	183.80	13.60
182.25	0.18	182.77	0.25	183.29	5.29	183.81	13.79
182.26	0.18	182.78	0.28	183.30	5.43	183.82	13.97
182.27	0.18	182.79	0.32	183.31	5.57	183.83	14.16
182.28	0.18	182.80	0.36	183.32	5.71	183.84	14.35
182.29	0.18	182.81	0.41	183.33	5.85	183.85	14.53
182.30	0.18	182.82	0.46	183.34	6.00	183.86	14.72
182.31	0.18	182.83	0.51	183.35	6.14	183.87	14.91
182.32	0.18	182.84	0.57	183.36	6.29	183.88	15.04
182.33	0.18	182.85	0.63	183.37	6.43	183.89	15.05
182.34	0.18	182.86	0.69	183.38	6.58	183.90	15.07
182.35	0.18	182.87	0.76	183.39	6.73	183.91	15.09
182.36	0.18	182.88	0.83	183.40	6.88	183.92	15.11
182.37	0.18	182.89	0.90	183.41	7.03	183.93	15.12
182.38	0.19	182.90	0.97	183.42	7.18	183.94	15.14
182.39	0.19	182.91	1.05	183.43	7.34	183.95	15.16
182.40	0.19	182.92	1.13	183.44	7.49	183.96	15.29
182.41	0.19	182.93	1.21	183.45	7.64	183.97	15.52
182.42	0.19	182.94	1.30	183.46	7.80	183.98	15.82
182.43	0.19	182.95	1.38	183.47	7.96	183.99	16.16
182.44	0.19	182.96	1.47	183.48	8.11	184.00	16.55
182.45	0.19	182.97	1.56	183.49	8.27	184.01	16.98
182.46	0.19	182.98	1.65	183.50	8.43	184.02	17.45
182.47	0.19	182.99	1.74	183.51	8.59	184.03	17.95
182.48	0.19	183.00	1.84	183.52	8.75	184.04	18.48
182.49	0.19	183.01	1.94	183.53	8.91	184.05	19.04
182.50	0.19	183.02	2.04	183.54	9.08	184.06	19.63
182.51	0.19	183.03	2.14	183.55	9.24	184.07	20.25
182.52	0.20	183.04	2.24	183.56	9.41	184.08	20.89
182.53	0.20	183.05	2.35	183.57	9.57	184.09	21.56
182.54	0.20	183.06	2.45	183.58	9.74	184.10	22.26
182.55	0.20	183.07	2.56	183.59	9.91	184.11	22.97
182.56	0.20	183.08	2.67	183.60	10.07	184.12	23.71
182.57	0.20	183.09	2.78	183.61	10.24	184.13	24.47
182.58	0.20	183.10	2.89	183.62	10.41	184.14	25.25
182.59	0.20	183.11	3.01	183.63	10.58	184.15	26.06

Stage-Discharge for Pond B-11: Basin #11 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	26.92	184.68	103.08	185.20	213.99	185.72	356.44
184.17	27.81	184.69	104.90	185.21	216.43	185.73	359.48
184.18	28.73	184.70	106.72	185.22	218.87	185.74	362.53
184.19	29.67	184.71	108.56	185.23	221.33	185.75	365.59
184.20	30.63	184.72	110.41	185.24	223.80	185.76	368.66
184.21	31.62	184.73	112.27	185.25	226.27	185.77	371.74
184.22	32.63	184.74	114.14	185.26	228.76	185.78	374.83
184.23	33.67	184.75	116.03	185.27	231.26	185.79	377.93
184.24	34.74	184.76	117.96	185.28	233.77	185.80	381.05
184.25	35.83	184.77	119.91	185.29	236.28	185.81	384.17
184.26	36.94	184.78	121.87	185.30	238.81	185.82	387.30
184.27	38.08	184.79	123.85	185.31	241.35	185.83	390.45
184.28	39.24	184.80	125.84	185.32	243.90	185.84	393.60
184.29	40.43	184.81	127.84	185.33	246.46	185.85	396.77
184.30	41.64	184.82	129.85	185.34	249.03	185.86	399.94
184.31	42.87	184.83	131.88	185.35	251.61	185.87	403.13
184.32	44.13	184.84	133.92	185.36	254.25	185.88	406.32
184.33	45.41	184.85	135.97	185.37	256.90	185.89	409.53
184.34	46.72	184.86	138.04	185.38	259.55	185.90	412.75
184.35	48.05	184.87	140.12	185.39	262.22	185.91	415.98
184.36	49.44	184.88	142.21	185.40	264.90	185.92	419.21
184.37	50.84	184.89	144.31	185.41	267.59	185.93	422.46
184.38	52.28	184.90	146.43	185.42	270.30	185.94	425.72
184.39	53.74	184.91	148.56	185.43	273.01	185.95	428.99
184.40	55.22	184.92	150.70	185.44	275.73	185.96	432.33
184.41	56.74	184.93	152.86	185.45	278.47	185.97	435.69
184.42	58.28	184.94	155.03	185.46	281.22	185.98	439.05
184.43	59.84	184.95	157.21	185.47	283.97	185.99	442.43
184.44	61.43	184.96	159.34	185.48	286.74	186.00	445.82
184.45	63.05	184.97	161.49	185.49	289.52		
184.46	64.69	184.98	163.66	185.50	292.31		
184.47	66.37	184.99	165.83	185.51	295.11		
184.48	68.06	185.00	168.01	185.52	297.93		
184.49	69.79	185.01	170.20	185.53	300.75		
184.50	71.54	185.02	172.40	185.54	303.58		
184.51	73.32	185.03	174.62	185.55	306.43		
184.52	75.12	185.04	176.84	185.56	309.28		
184.53	76.95	185.05	179.08	185.57	312.15		
184.54	78.81	185.06	181.32	185.58	315.03		
184.55	80.70	185.07	183.58	185.59	317.92		
184.56	82.34	185.08	185.84	185.60	320.82		
184.57	83.99	185.09	188.12	185.61	323.73		
184.58	85.66	185.10	190.40	185.62	326.65		
184.59	87.35	185.11	192.70	185.63	329.58		
184.60	89.04	185.12	195.00	185.64	332.52		
184.61	90.75	185.13	197.32	185.65	335.47		
184.62	92.48	185.14	199.65	185.66	338.44		
184.63	94.21	185.15	201.98	185.67	341.41		
184.64	95.96	185.16	204.36	185.68	344.40		
184.65	97.72	185.17	206.75	185.69	347.39		
184.66	99.50	185.18	209.16	185.70	350.40		
184.67	101.28	185.19	211.57	185.71	353.42		

Stage-Area-Storage for Pond B-11: Basin #11

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	4,780	0	180.52	5,166	2,586
180.01	4,787	48	180.53	5,173	2,638
180.02	4,795	96	180.54	5,181	2,689
180.03	4,802	144	180.55	5,188	2,741
180.04	4,810	192	180.56	5,196	2,793
180.05	4,817	240	180.57	5,203	2,845
180.06	4,825	288	180.58	5,210	2,897
180.07	4,832	336	180.59	5,218	2,949
180.08	4,839	385	180.60	5,225	3,002
180.09	4,847	433	180.61	5,233	3,054
180.10	4,854	482	180.62	5,240	3,106
180.11	4,862	530	180.63	5,247	3,159
180.12	4,869	579	180.64	5,255	3,211
180.13	4,876	628	180.65	5,262	3,264
180.14	4,884	676	180.66	5,270	3,316
180.15	4,891	725	180.67	5,277	3,369
180.16	4,899	774	180.68	5,285	3,422
180.17	4,906	823	180.69	5,292	3,475
180.18	4,914	872	180.70	5,299	3,528
180.19	4,921	922	180.71	5,307	3,581
180.20	4,928	971	180.72	5,314	3,634
180.21	4,936	1,020	180.73	5,322	3,687
180.22	4,943	1,070	180.74	5,329	3,740
180.23	4,951	1,119	180.75	5,337	3,794
180.24	4,958	1,169	180.76	5,344	3,847
180.25	4,966	1,218	180.77	5,351	3,901
180.26	4,973	1,268	180.78	5,359	3,954
180.27	4,980	1,318	180.79	5,366	4,008
180.28	4,988	1,367	180.80	5,374	4,061
180.29	4,995	1,417	180.81	5,381	4,115
180.30	5,003	1,467	180.82	5,388	4,169
180.31	5,010	1,517	180.83	5,396	4,223
180.32	5,017	1,568	180.84	5,403	4,277
180.33	5,025	1,618	180.85	5,411	4,331
180.34	5,032	1,668	180.86	5,418	4,385
180.35	5,040	1,718	180.87	5,426	4,439
180.36	5,047	1,769	180.88	5,433	4,494
180.37	5,055	1,819	180.89	5,440	4,548
180.38	5,062	1,870	180.90	5,448	4,603
180.39	5,069	1,921	180.91	5,455	4,657
180.40	5,077	1,971	180.92	5,463	4,712
180.41	5,084	2,022	180.93	5,470	4,766
180.42	5,092	2,073	180.94	5,477	4,821
180.43	5,099	2,124	180.95	5,485	4,876
180.44	5,106	2,175	180.96	5,492	4,931
180.45	5,114	2,226	180.97	5,500	4,986
180.46	5,121	2,277	180.98	5,507	5,041
180.47	5,129	2,329	180.99	5,515	5,096
180.48	5,136	2,380	181.00	5,522	5,151
180.49	5,144	2,431	181.01	5,530	5,206
180.50	5,151	2,483	181.02	5,538	5,262
180.51	5,158	2,534	181.03	5,546	5,317

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	5,553	5,373	181.56	5,961	8,366
181.05	5,561	5,428	181.57	5,969	8,426
181.06	5,569	5,484	181.58	5,977	8,486
181.07	5,577	5,539	181.59	5,985	8,545
181.08	5,585	5,595	181.60	5,992	8,605
181.09	5,593	5,651	181.61	6,000	8,665
181.10	5,600	5,707	181.62	6,008	8,725
181.11	5,608	5,763	181.63	6,016	8,785
181.12	5,616	5,819	181.64	6,024	8,846
181.13	5,624	5,875	181.65	6,032	8,906
181.14	5,632	5,932	181.66	6,039	8,966
181.15	5,640	5,988	181.67	6,047	9,027
181.16	5,647	6,045	181.68	6,055	9,087
181.17	5,655	6,101	181.69	6,063	9,148
181.18	5,663	6,158	181.70	6,071	9,208
181.19	5,671	6,214	181.71	6,079	9,269
181.20	5,679	6,271	181.72	6,086	9,330
181.21	5,687	6,328	181.73	6,094	9,391
181.22	5,694	6,385	181.74	6,102	9,452
181.23	5,702	6,442	181.75	6,110	9,513
181.24	5,710	6,499	181.76	6,118	9,574
181.25	5,718	6,556	181.77	6,126	9,635
181.26	5,726	6,613	181.78	6,134	9,697
181.27	5,734	6,671	181.79	6,141	9,758
181.28	5,742	6,728	181.80	6,149	9,819
181.29	5,749	6,785	181.81	6,157	9,881
181.30	5,757	6,843	181.82	6,165	9,943
181.31	5,765	6,900	181.83	6,173	10,004
181.32	5,773	6,958	181.84	6,181	10,066
181.33	5,781	7,016	181.85	6,188	10,128
181.34	5,789	7,074	181.86	6,196	10,190
181.35	5,796	7,132	181.87	6,204	10,252
181.36	5,804	7,190	181.88	6,212	10,314
181.37	5,812	7,248	181.89	6,220	10,376
181.38	5,820	7,306	181.90	6,228	10,438
181.39	5,828	7,364	181.91	6,235	10,501
181.40	5,836	7,423	181.92	6,243	10,563
181.41	5,843	7,481	181.93	6,251	10,626
181.42	5,851	7,539	181.94	6,259	10,688
181.43	5,859	7,598	181.95	6,267	10,751
181.44	5,867	7,657	181.96	6,275	10,813
181.45	5,875	7,715	181.97	6,282	10,876
181.46	5,883	7,774	181.98	6,290	10,939
181.47	5,890	7,833	181.99	6,298	11,002
181.48	5,898	7,892	182.00	6,306	11,065
181.49	5,906	7,951	182.01	6,314	11,128
181.50	5,914	8,010	182.02	6,323	11,191
181.51	5,922	8,069	182.03	6,331	11,255
181.52	5,930	8,128	182.04	6,339	11,318
181.53	5,938	8,188	182.05	6,347	11,381
181.54	5,945	8,247	182.06	6,356	11,445
181.55	5,953	8,307	182.07	6,364	11,508

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	6,372	11,572	182.60	6,803	14,998
182.09	6,381	11,636	182.61	6,812	15,066
182.10	6,389	11,700	182.62	6,820	15,134
182.11	6,397	11,764	182.63	6,828	15,202
182.12	6,405	11,828	182.64	6,837	15,271
182.13	6,414	11,892	182.65	6,845	15,339
182.14	6,422	11,956	182.66	6,853	15,408
182.15	6,430	12,020	182.67	6,861	15,476
182.16	6,439	12,085	182.68	6,870	15,545
182.17	6,447	12,149	182.69	6,878	15,613
182.18	6,455	12,214	182.70	6,886	15,682
182.19	6,464	12,278	182.71	6,895	15,751
182.20	6,472	12,343	182.72	6,903	15,820
182.21	6,480	12,408	182.73	6,911	15,889
182.22	6,488	12,472	182.74	6,919	15,958
182.23	6,497	12,537	182.75	6,928	16,028
182.24	6,505	12,602	182.76	6,936	16,097
182.25	6,513	12,667	182.77	6,944	16,166
182.26	6,522	12,733	182.78	6,953	16,236
182.27	6,530	12,798	182.79	6,961	16,305
182.28	6,538	12,863	182.80	6,969	16,375
182.29	6,546	12,929	182.81	6,977	16,445
182.30	6,555	12,994	182.82	6,986	16,515
182.31	6,563	13,060	182.83	6,994	16,585
182.32	6,571	13,125	182.84	7,002	16,655
182.33	6,580	13,191	182.85	7,011	16,725
182.34	6,588	13,257	182.86	7,019	16,795
182.35	6,596	13,323	182.87	7,027	16,865
182.36	6,604	13,389	182.88	7,036	16,935
182.37	6,613	13,455	182.89	7,044	17,006
182.38	6,621	13,521	182.90	7,052	17,076
182.39	6,629	13,587	182.91	7,060	17,147
182.40	6,638	13,654	182.92	7,069	17,217
182.41	6,646	13,720	182.93	7,077	17,288
182.42	6,654	13,787	182.94	7,085	17,359
182.43	6,662	13,853	182.95	7,094	17,430
182.44	6,671	13,920	182.96	7,102	17,501
182.45	6,679	13,987	182.97	7,110	17,572
182.46	6,687	14,053	182.98	7,118	17,643
182.47	6,696	14,120	182.99	7,127	17,714
182.48	6,704	14,187	183.00	7,135	17,786
182.49	6,712	14,254	183.01	7,144	17,857
182.50	6,721	14,322	183.02	7,152	17,928
182.51	6,729	14,389	183.03	7,161	18,000
182.52	6,737	14,456	183.04	7,170	18,072
182.53	6,745	14,524	183.05	7,179	18,143
182.54	6,754	14,591	183.06	7,187	18,215
182.55	6,762	14,659	183.07	7,196	18,287
182.56	6,770	14,726	183.08	7,205	18,359
182.57	6,779	14,794	183.09	7,213	18,431
182.58	6,787	14,862	183.10	7,222	18,503
182.59	6,795	14,930	183.11	7,231	18,576

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	7,240	18,648	183.64	7,693	22,530
183.13	7,248	18,720	183.65	7,702	22,607
183.14	7,257	18,793	183.66	7,711	22,685
183.15	7,266	18,866	183.67	7,719	22,762
183.16	7,275	18,938	183.68	7,728	22,839
183.17	7,283	19,011	183.69	7,737	22,916
183.18	7,292	19,084	183.70	7,745	22,994
183.19	7,301	19,157	183.71	7,754	23,071
183.20	7,309	19,230	183.72	7,763	23,149
183.21	7,318	19,303	183.73	7,772	23,226
183.22	7,327	19,376	183.74	7,780	23,304
183.23	7,336	19,450	183.75	7,789	23,382
183.24	7,344	19,523	183.76	7,798	23,460
183.25	7,353	19,597	183.77	7,806	23,538
183.26	7,362	19,670	183.78	7,815	23,616
183.27	7,370	19,744	183.79	7,824	23,694
183.28	7,379	19,817	183.80	7,833	23,773
183.29	7,388	19,891	183.81	7,841	23,851
183.30	7,397	19,965	183.82	7,850	23,929
183.31	7,405	20,039	183.83	7,859	24,008
183.32	7,414	20,113	183.84	7,867	24,087
183.33	7,423	20,188	183.85	7,876	24,165
183.34	7,431	20,262	183.86	7,885	24,244
183.35	7,440	20,336	183.87	7,894	24,323
183.36	7,449	20,411	183.88	7,902	24,402
183.37	7,458	20,485	183.89	7,911	24,481
183.38	7,466	20,560	183.90	7,920	24,560
183.39	7,475	20,634	183.91	7,929	24,639
183.40	7,484	20,709	183.92	7,937	24,719
183.41	7,493	20,784	183.93	7,946	24,798
183.42	7,501	20,859	183.94	7,955	24,878
183.43	7,510	20,934	183.95	7,963	24,957
183.44	7,519	21,009	183.96	7,972	25,037
183.45	7,527	21,085	183.97	7,981	25,117
183.46	7,536	21,160	183.98	7,990	25,197
183.47	7,545	21,235	183.99	7,998	25,276
183.48	7,554	21,311	184.00	8,007	25,357
183.49	7,562	21,386	184.01	8,016	25,437
183.50	7,571	21,462	184.02	8,025	25,517
183.51	7,580	21,538	184.03	8,034	25,597
183.52	7,588	21,614	184.04	8,044	25,678
183.53	7,597	21,690	184.05	8,053	25,758
183.54	7,606	21,766	184.06	8,062	25,839
183.55	7,615	21,842	184.07	8,071	25,919
183.56	7,623	21,918	184.08	8,080	26,000
183.57	7,632	21,994	184.09	8,089	26,081
183.58	7,641	22,070	184.10	8,099	26,162
183.59	7,649	22,147	184.11	8,108	26,243
183.60	7,658	22,223	184.12	8,117	26,324
183.61	7,667	22,300	184.13	8,126	26,405
183.62	7,676	22,377	184.14	8,135	26,486
183.63	7,684	22,454	184.15	8,144	26,568

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	8,154	26,649	184.68	8,630	31,013
184.17	8,163	26,731	184.69	8,639	31,099
184.18	8,172	26,813	184.70	8,648	31,186
184.19	8,181	26,894	184.71	8,657	31,272
184.20	8,190	26,976	184.72	8,667	31,359
184.21	8,199	27,058	184.73	8,676	31,446
184.22	8,209	27,140	184.74	8,685	31,532
184.23	8,218	27,222	184.75	8,694	31,619
184.24	8,227	27,305	184.76	8,703	31,706
184.25	8,236	27,387	184.77	8,712	31,793
184.26	8,245	27,469	184.78	8,721	31,881
184.27	8,254	27,552	184.79	8,731	31,968
184.28	8,263	27,634	184.80	8,740	32,055
184.29	8,273	27,717	184.81	8,749	32,143
184.30	8,282	27,800	184.82	8,758	32,230
184.31	8,291	27,883	184.83	8,767	32,318
184.32	8,300	27,966	184.84	8,776	32,406
184.33	8,309	28,049	184.85	8,786	32,493
184.34	8,318	28,132	184.86	8,795	32,581
184.35	8,328	28,215	184.87	8,804	32,669
184.36	8,337	28,298	184.88	8,813	32,757
184.37	8,346	28,382	184.89	8,822	32,846
184.38	8,355	28,465	184.90	8,831	32,934
184.39	8,364	28,549	184.91	8,841	33,022
184.40	8,373	28,633	184.92	8,850	33,111
184.41	8,383	28,716	184.93	8,859	33,199
184.42	8,392	28,800	184.94	8,868	33,288
184.43	8,401	28,884	184.95	8,877	33,376
184.44	8,410	28,968	184.96	8,886	33,465
184.45	8,419	29,052	184.97	8,896	33,554
184.46	8,428	29,137	184.98	8,905	33,643
184.47	8,438	29,221	184.99	8,914	33,732
184.48	8,447	29,305	185.00	8,923	33,822
184.49	8,456	29,390	185.01	8,933	33,911
184.50	8,465	29,475	185.02	8,942	34,000
184.51	8,474	29,559	185.03	8,952	34,090
184.52	8,483	29,644	185.04	8,961	34,179
184.53	8,492	29,729	185.05	8,971	34,269
184.54	8,502	29,814	185.06	8,981	34,359
184.55	8,511	29,899	185.07	8,990	34,448
184.56	8,520	29,984	185.08	9,000	34,538
184.57	8,529	30,069	185.09	9,009	34,628
184.58	8,538	30,155	185.10	9,019	34,719
184.59	8,547	30,240	185.11	9,028	34,809
184.60	8,557	30,326	185.12	9,038	34,899
184.61	8,566	30,411	185.13	9,048	34,990
184.62	8,575	30,497	185.14	9,057	35,080
184.63	8,584	30,583	185.15	9,067	35,171
184.64	8,593	30,669	185.16	9,076	35,261
184.65	8,602	30,755	185.17	9,086	35,352
184.66	8,612	30,841	185.18	9,096	35,443
184.67	8,621	30,927	185.19	9,105	35,534

Stage-Area-Storage for Pond B-11: Basin #11 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	9,115	35,625	185.72	9,613	40,495
185.21	9,124	35,716	185.73	9,623	40,591
185.22	9,134	35,808	185.74	9,633	40,687
185.23	9,144	35,899	185.75	9,642	40,783
185.24	9,153	35,991	185.76	9,652	40,880
185.25	9,163	36,082	185.77	9,661	40,977
185.26	9,172	36,174	185.78	9,671	41,073
185.27	9,182	36,266	185.79	9,681	41,170
185.28	9,192	36,358	185.80	9,690	41,267
185.29	9,201	36,449	185.81	9,700	41,364
185.30	9,211	36,542	185.82	9,709	41,461
185.31	9,220	36,634	185.83	9,719	41,558
185.32	9,230	36,726	185.84	9,729	41,655
185.33	9,239	36,818	185.85	9,738	41,752
185.34	9,249	36,911	185.86	9,748	41,850
185.35	9,259	37,003	185.87	9,757	41,947
185.36	9,268	37,096	185.88	9,767	42,045
185.37	9,278	37,189	185.89	9,777	42,143
185.38	9,287	37,281	185.90	9,786	42,241
185.39	9,297	37,374	185.91	9,796	42,339
185.40	9,307	37,467	185.92	9,805	42,437
185.41	9,316	37,561	185.93	9,815	42,535
185.42	9,326	37,654	185.94	9,824	42,633
185.43	9,335	37,747	185.95	9,834	42,731
185.44	9,345	37,840	185.96	9,844	42,829
185.45	9,355	37,934	185.97	9,853	42,928
185.46	9,364	38,028	185.98	9,863	43,027
185.47	9,374	38,121	185.99	9,872	43,125
185.48	9,383	38,215	186.00	9,882	43,224
185.49	9,393	38,309			
185.50	9,403	38,403			
185.51	9,412	38,497			
185.52	9,422	38,591			
185.53	9,431	38,685			
185.54	9,441	38,780			
185.55	9,450	38,874			
185.56	9,460	38,969			
185.57	9,470	39,063			
185.58	9,479	39,158			
185.59	9,489	39,253			
185.60	9,498	39,348			
185.61	9,508	39,443			
185.62	9,518	39,538			
185.63	9,527	39,633			
185.64	9,537	39,729			
185.65	9,546	39,824			
185.66	9,556	39,920			
185.67	9,566	40,015			
185.68	9,575	40,111			
185.69	9,585	40,207			
185.70	9,594	40,303			
185.71	9,604	40,399			

Summary for Pond B-12: Basin #12

Inflow Area = 2.426 ac, 44.77% Impervious, Inflow Depth = 9.10" for Future 100 yr event
 Inflow = 22.15 cfs @ 12.17 hrs, Volume= 1.839 af
 Outflow = 21.48 cfs @ 12.21 hrs, Volume= 1.699 af, Atten= 3%, Lag= 2.5 min
 Primary = 21.48 cfs @ 12.21 hrs, Volume= 1.699 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.64' @ 12.21 hrs Surf.Area= 7,390 sf Storage= 21,782 cf

Plug-Flow detention time= 215.1 min calculated for 1.699 af (92% of inflow)
 Center-of-Mass det. time= 173.3 min (947.1 - 773.8)

Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	24,487 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

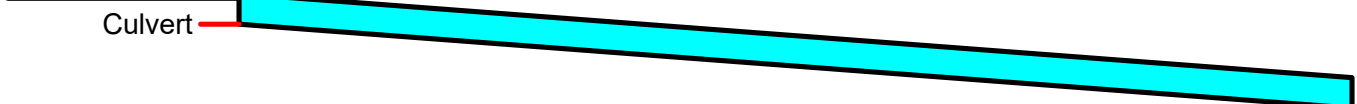
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	4,623	0	0
202.00	5,350	4,987	4,987
203.00	6,105	5,728	10,714
204.00	6,883	6,494	17,208
205.00	7,674	7,279	24,487

Device	Routing	Invert	Outlet Devices
#1	Primary	199.65'	18.0" Round Culvert L= 238.0' Ke= 0.500 Inlet / Outlet Invert= 199.65' / 195.50' S= 0.0174 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.90'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=20.75 cfs @ 12.21 hrs HW=204.63' (Free Discharge)

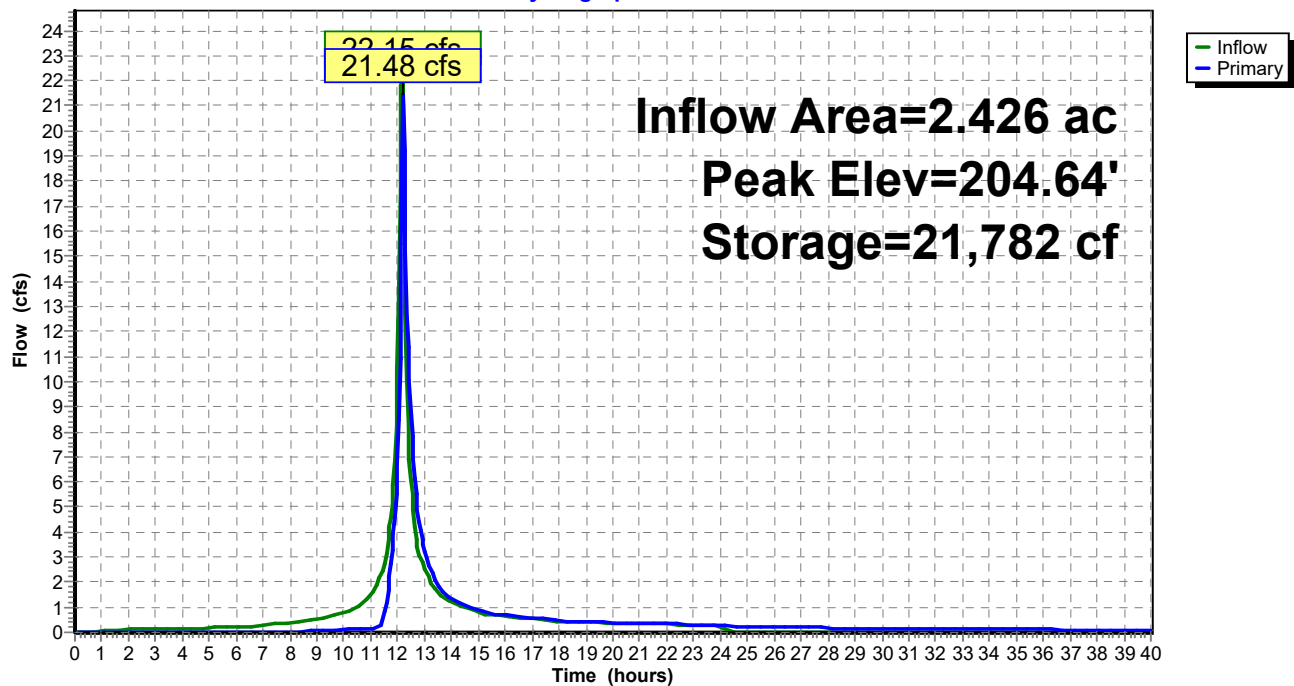
- 1=Culvert (Passes 15.12 cfs of 16.19 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 7.80 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 14.86 cfs @ 3.48 fps)
- 4=Broad-Crested Rectangular Weir (Weir Controls 5.63 cfs @ 0.85 fps)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-12: Basin #12
 Culvert



Pond B-12: Basin #12

Hydrograph



Hydrograph for Pond B-12: Basin #12

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.01	1	201.00	0.00
0.60	0.02	4	201.00	0.00
0.70	0.03	12	201.00	0.00
0.80	0.04	23	201.01	0.00
0.90	0.05	38	201.01	0.00
1.00	0.05	56	201.01	0.00
1.10	0.06	77	201.02	0.00
1.20	0.07	100	201.02	0.00
1.30	0.07	126	201.03	0.00
1.40	0.08	154	201.03	0.00
1.50	0.08	183	201.04	0.00
1.60	0.09	215	201.05	0.00
1.70	0.09	248	201.05	0.00
1.80	0.10	283	201.06	0.00
1.90	0.10	319	201.07	0.00
2.00	0.11	356	201.08	0.00
2.10	0.11	395	201.08	0.00
2.20	0.11	435	201.09	0.00
2.30	0.12	476	201.10	0.00
2.40	0.12	518	201.11	0.00
2.50	0.12	562	201.12	0.00
2.60	0.12	606	201.13	0.00
2.70	0.13	651	201.14	0.00
2.80	0.13	697	201.15	0.00
2.90	0.13	744	201.16	0.00
3.00	0.13	792	201.17	0.00
3.10	0.14	840	201.18	0.00
3.20	0.14	890	201.19	0.00
3.30	0.14	940	201.20	0.00
3.40	0.14	991	201.21	0.00
3.50	0.14	1,043	201.22	0.00
3.60	0.15	1,095	201.23	0.00
3.70	0.15	1,148	201.24	0.00
3.80	0.15	1,202	201.25	0.00
3.90	0.15	1,257	201.27	0.00
4.00	0.15	1,312	201.28	0.00
4.10	0.16	1,367	201.29	0.00
4.20	0.16	1,424	201.30	0.00
4.30	0.16	1,481	201.31	0.00
4.40	0.16	1,539	201.32	0.00
4.50	0.16	1,597	201.34	0.00
4.60	0.16	1,656	201.35	0.00
4.70	0.17	1,715	201.36	0.00
4.80	0.17	1,775	201.37	0.00
4.90	0.17	1,836	201.39	0.00
5.00	0.17	1,897	201.40	0.00
5.10	0.17	1,959	201.41	0.00

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.17	2,021	201.42	0.00
5.30	0.18	2,085	201.44	0.00
5.40	0.18	2,149	201.45	0.00
5.50	0.19	2,216	201.46	0.00
5.60	0.19	2,283	201.48	0.00
5.70	0.19	2,352	201.49	0.00
5.80	0.20	2,422	201.50	0.00
5.90	0.20	2,494	201.52	0.00
6.00	0.20	2,566	201.53	0.00
6.10	0.21	2,641	201.55	0.00
6.20	0.22	2,717	201.56	0.00
6.30	0.22	2,796	201.58	0.00
6.40	0.23	2,877	201.59	0.00
6.50	0.24	2,962	201.61	0.00
6.60	0.25	3,049	201.63	0.00
6.70	0.26	3,140	201.65	0.00
6.80	0.26	3,233	201.66	0.00
6.90	0.27	3,329	201.68	0.00
7.00	0.28	3,428	201.70	0.00
7.10	0.29	3,531	201.72	0.00
7.20	0.30	3,637	201.74	0.00
7.30	0.31	3,746	201.76	0.00
7.40	0.32	3,858	201.79	0.00
7.50	0.33	3,973	201.81	0.00
7.60	0.33	4,092	201.83	0.00
7.70	0.34	4,214	201.85	0.00
7.80	0.35	4,340	201.88	0.00
7.90	0.36	4,469	201.90	0.00
8.00	0.37	4,601	201.93	0.00
8.10	0.38	4,735	201.95	0.01
8.20	0.39	4,872	201.98	0.01
8.30	0.40	5,010	202.00	0.02
8.40	0.41	5,148	202.03	0.03
8.50	0.42	5,287	202.06	0.04
8.60	0.43	5,426	202.08	0.05
8.70	0.44	5,566	202.11	0.05
8.80	0.45	5,708	202.13	0.06
8.90	0.46	5,851	202.16	0.06
9.00	0.48	5,996	202.19	0.07
9.10	0.49	6,144	202.21	0.07
9.20	0.52	6,297	202.24	0.08
9.30	0.55	6,459	202.27	0.08
9.40	0.58	6,630	202.30	0.09
9.50	0.61	6,811	202.33	0.09
9.60	0.64	7,001	202.37	0.10
9.70	0.68	7,202	202.40	0.10
9.80	0.71	7,413	202.44	0.11
9.90	0.74	7,634	202.48	0.11
10.00	0.78	7,866	202.52	0.12
10.10	0.81	8,109	202.56	0.12
10.20	0.85	8,362	202.61	0.13
10.30	0.88	8,627	202.65	0.13

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.92	8,904	202.70	0.14
10.50	0.96	9,192	202.75	0.14
10.60	1.02	9,494	202.80	0.15
10.70	1.12	9,824	202.85	0.15
10.80	1.24	10,193	202.91	0.16
10.90	1.37	10,605	202.98	0.16
11.00	1.50	11,062	203.06	0.17
11.10	1.66	11,567	203.14	0.17
11.20	1.88	12,138	203.23	0.18
11.30	2.12	12,790	203.33	0.19
11.40	2.37	13,528	203.45	0.20
11.50	2.62	14,328	203.57	0.46
11.60	3.17	15,054	203.68	1.21
11.70	4.18	15,772	203.79	2.22
11.80	5.08	16,428	203.89	3.30
11.90	6.87	17,139	203.99	4.61
12.00	10.43	18,171	204.14	6.71
12.10	17.69	20,019	204.40	10.91
12.20	21.35	21,759	204.64	21.27
12.30	12.88	21,156	204.56	15.28
12.40	8.26	20,217	204.43	11.38
12.50	6.06	19,126	204.27	8.81
12.60	4.90	18,283	204.15	6.95
12.70	3.70	17,583	204.05	5.49
12.80	3.18	17,040	203.98	4.42
12.90	2.86	16,667	203.92	3.73
13.00	2.58	16,395	203.88	3.24
13.10	2.31	16,176	203.85	2.87
13.20	2.07	15,986	203.82	2.56
13.30	1.89	15,824	203.80	2.30
13.40	1.74	15,687	203.78	2.09
13.50	1.59	15,567	203.76	1.91
13.60	1.45	15,455	203.74	1.75
13.70	1.33	15,349	203.73	1.60
13.80	1.27	15,261	203.71	1.48
13.90	1.22	15,191	203.70	1.39
14.00	1.18	15,136	203.69	1.32
14.10	1.15	15,091	203.69	1.26
14.20	1.11	15,051	203.68	1.21
14.30	1.07	15,015	203.68	1.17
14.40	1.03	14,981	203.67	1.13
14.50	0.99	14,947	203.67	1.09
14.60	0.95	14,913	203.66	1.05
14.70	0.92	14,880	203.66	1.01
14.80	0.88	14,847	203.65	0.97
14.90	0.84	14,815	203.65	0.93
15.00	0.80	14,782	203.64	0.89
15.10	0.76	14,748	203.64	0.86
15.20	0.73	14,715	203.63	0.82
15.30	0.71	14,684	203.63	0.79
15.40	0.70	14,659	203.62	0.77
15.50	0.69	14,639	203.62	0.74

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.68	14,622	203.62	0.73
15.70	0.67	14,607	203.61	0.71
15.80	0.66	14,594	203.61	0.70
15.90	0.65	14,581	203.61	0.68
16.00	0.64	14,570	203.61	0.67
16.10	0.63	14,559	203.61	0.66
16.20	0.62	14,548	203.60	0.65
16.30	0.61	14,538	203.60	0.64
16.40	0.60	14,528	203.60	0.63
16.50	0.59	14,517	203.60	0.62
16.60	0.58	14,507	203.60	0.61
16.70	0.57	14,496	203.60	0.60
16.80	0.56	14,485	203.60	0.59
16.90	0.55	14,474	203.59	0.58
17.00	0.54	14,462	203.59	0.57
17.10	0.53	14,451	203.59	0.56
17.20	0.52	14,439	203.59	0.55
17.30	0.51	14,427	203.59	0.54
17.40	0.50	14,415	203.58	0.53
17.50	0.49	14,403	203.58	0.52
17.60	0.48	14,391	203.58	0.51
17.70	0.47	14,379	203.58	0.50
17.80	0.46	14,368	203.58	0.49
17.90	0.45	14,356	203.58	0.48
18.00	0.44	14,344	203.57	0.47
18.10	0.43	14,331	203.57	0.46
18.20	0.42	14,320	203.57	0.45
18.30	0.42	14,309	203.57	0.44
18.40	0.41	14,300	203.57	0.43
18.50	0.41	14,293	203.57	0.43
18.60	0.41	14,286	203.56	0.42
18.70	0.40	14,281	203.56	0.42
18.80	0.40	14,276	203.56	0.41
18.90	0.40	14,272	203.56	0.41
19.00	0.40	14,268	203.56	0.41
19.10	0.39	14,264	203.56	0.40
19.20	0.39	14,261	203.56	0.40
19.30	0.39	14,257	203.56	0.40
19.40	0.39	14,254	203.56	0.40
19.50	0.38	14,251	203.56	0.39
19.60	0.38	14,247	203.56	0.39
19.70	0.38	14,243	203.56	0.39
19.80	0.38	14,240	203.56	0.39
19.90	0.38	14,236	203.56	0.39
20.00	0.37	14,232	203.56	0.38
20.10	0.37	14,228	203.56	0.38
20.20	0.37	14,224	203.56	0.38
20.30	0.36	14,220	203.55	0.38
20.40	0.36	14,216	203.55	0.37
20.50	0.36	14,211	203.55	0.37
20.60	0.36	14,207	203.55	0.37
20.70	0.35	14,203	203.55	0.37

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	14,199	203.55	0.36
20.90	0.35	14,195	203.55	0.36
21.00	0.35	14,191	203.55	0.36
21.10	0.34	14,186	203.55	0.36
21.20	0.34	14,182	203.55	0.35
21.30	0.34	14,178	203.55	0.35
21.40	0.34	14,174	203.55	0.35
21.50	0.33	14,170	203.55	0.35
21.60	0.33	14,165	203.55	0.34
21.70	0.33	14,161	203.55	0.34
21.80	0.33	14,157	203.54	0.34
21.90	0.32	14,153	203.54	0.33
22.00	0.32	14,149	203.54	0.33
22.10	0.32	14,144	203.54	0.33
22.20	0.32	14,140	203.54	0.33
22.30	0.31	14,136	203.54	0.32
22.40	0.31	14,132	203.54	0.32
22.50	0.31	14,127	203.54	0.32
22.60	0.31	14,123	203.54	0.32
22.70	0.30	14,119	203.54	0.31
22.80	0.30	14,115	203.54	0.31
22.90	0.30	14,110	203.54	0.31
23.00	0.29	14,106	203.54	0.31
23.10	0.29	14,102	203.54	0.30
23.20	0.29	14,098	203.54	0.30
23.30	0.29	14,093	203.54	0.30
23.40	0.28	14,089	203.53	0.30
23.50	0.28	14,085	203.53	0.29
23.60	0.28	14,080	203.53	0.29
23.70	0.28	14,076	203.53	0.29
23.80	0.27	14,072	203.53	0.29
23.90	0.27	14,068	203.53	0.28
24.00	0.28	14,065	203.53	0.28
24.10	0.24	14,064	203.53	0.28
24.20	0.07	14,020	203.52	0.25
24.30	0.02	13,948	203.51	0.23
24.40	0.00	13,874	203.50	0.20
24.50	0.00	13,802	203.49	0.20
24.60	0.00	13,730	203.48	0.20
24.70	0.00	13,658	203.47	0.20
24.80	0.00	13,587	203.46	0.20
24.90	0.00	13,516	203.45	0.20
25.00	0.00	13,445	203.44	0.20
25.10	0.00	13,374	203.42	0.20
25.20	0.00	13,304	203.41	0.19
25.30	0.00	13,234	203.40	0.19
25.40	0.00	13,164	203.39	0.19
25.50	0.00	13,095	203.38	0.19
25.60	0.00	13,026	203.37	0.19
25.70	0.00	12,957	203.36	0.19
25.80	0.00	12,888	203.35	0.19
25.90	0.00	12,820	203.34	0.19

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,752	203.33	0.19
26.10	0.00	12,684	203.32	0.19
26.20	0.00	12,616	203.31	0.19
26.30	0.00	12,549	203.30	0.19
26.40	0.00	12,482	203.28	0.19
26.50	0.00	12,415	203.27	0.18
26.60	0.00	12,349	203.26	0.18
26.70	0.00	12,283	203.25	0.18
26.80	0.00	12,217	203.24	0.18
26.90	0.00	12,151	203.23	0.18
27.00	0.00	12,086	203.22	0.18
27.10	0.00	12,021	203.21	0.18
27.20	0.00	11,956	203.20	0.18
27.30	0.00	11,892	203.19	0.18
27.40	0.00	11,827	203.18	0.18
27.50	0.00	11,764	203.17	0.18
27.60	0.00	11,700	203.16	0.18
27.70	0.00	11,636	203.15	0.18
27.80	0.00	11,573	203.14	0.17
27.90	0.00	11,511	203.13	0.17
28.00	0.00	11,448	203.12	0.17
28.10	0.00	11,386	203.11	0.17
28.20	0.00	11,324	203.10	0.17
28.30	0.00	11,262	203.09	0.17
28.40	0.00	11,201	203.08	0.17
28.50	0.00	11,140	203.07	0.17
28.60	0.00	11,079	203.06	0.17
28.70	0.00	11,018	203.05	0.17
28.80	0.00	10,958	203.04	0.17
28.90	0.00	10,898	203.03	0.17
29.00	0.00	10,838	203.02	0.17
29.10	0.00	10,779	203.01	0.16
29.20	0.00	10,720	203.00	0.16
29.30	0.00	10,661	202.99	0.16
29.40	0.00	10,602	202.98	0.16
29.50	0.00	10,544	202.97	0.16
29.60	0.00	10,486	202.96	0.16
29.70	0.00	10,428	202.95	0.16
29.80	0.00	10,371	202.94	0.16
29.90	0.00	10,314	202.93	0.16
30.00	0.00	10,257	202.92	0.16
30.10	0.00	10,200	202.92	0.16
30.20	0.00	10,144	202.91	0.16
30.30	0.00	10,088	202.90	0.16
30.40	0.00	10,032	202.89	0.15
30.50	0.00	9,977	202.88	0.15
30.60	0.00	9,922	202.87	0.15
30.70	0.00	9,867	202.86	0.15
30.80	0.00	9,813	202.85	0.15
30.90	0.00	9,758	202.84	0.15
31.00	0.00	9,704	202.83	0.15
31.10	0.00	9,651	202.82	0.15

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,597	202.81	0.15
31.30	0.00	9,544	202.81	0.15
31.40	0.00	9,492	202.80	0.15
31.50	0.00	9,439	202.79	0.15
31.60	0.00	9,387	202.78	0.14
31.70	0.00	9,335	202.77	0.14
31.80	0.00	9,284	202.76	0.14
31.90	0.00	9,232	202.75	0.14
32.00	0.00	9,181	202.74	0.14
32.10	0.00	9,131	202.74	0.14
32.20	0.00	9,080	202.73	0.14
32.30	0.00	9,030	202.72	0.14
32.40	0.00	8,980	202.71	0.14
32.50	0.00	8,931	202.70	0.14
32.60	0.00	8,881	202.69	0.14
32.70	0.00	8,833	202.69	0.14
32.80	0.00	8,784	202.68	0.13
32.90	0.00	8,736	202.67	0.13
33.00	0.00	8,688	202.66	0.13
33.10	0.00	8,640	202.65	0.13
33.20	0.00	8,592	202.64	0.13
33.30	0.00	8,545	202.64	0.13
33.40	0.00	8,498	202.63	0.13
33.50	0.00	8,452	202.62	0.13
33.60	0.00	8,406	202.61	0.13
33.70	0.00	8,360	202.60	0.13
33.80	0.00	8,314	202.60	0.13
33.90	0.00	8,269	202.59	0.13
34.00	0.00	8,224	202.58	0.12
34.10	0.00	8,179	202.57	0.12
34.20	0.00	8,135	202.57	0.12
34.30	0.00	8,090	202.56	0.12
34.40	0.00	8,047	202.55	0.12
34.50	0.00	8,003	202.54	0.12
34.60	0.00	7,960	202.54	0.12
34.70	0.00	7,917	202.53	0.12
34.80	0.00	7,874	202.52	0.12
34.90	0.00	7,832	202.51	0.12
35.00	0.00	7,790	202.51	0.12
35.10	0.00	7,748	202.50	0.12
35.20	0.00	7,707	202.49	0.11
35.30	0.00	7,666	202.48	0.11
35.40	0.00	7,625	202.48	0.11
35.50	0.00	7,585	202.47	0.11
35.60	0.00	7,544	202.46	0.11
35.70	0.00	7,505	202.46	0.11
35.80	0.00	7,465	202.45	0.11
35.90	0.00	7,426	202.44	0.11
36.00	0.00	7,387	202.44	0.11
36.10	0.00	7,348	202.43	0.11
36.20	0.00	7,310	202.42	0.11
36.30	0.00	7,272	202.41	0.11

Hydrograph for Pond B-12: Basin #12 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,234	202.41	0.10
36.50	0.00	7,197	202.40	0.10
36.60	0.00	7,160	202.40	0.10
36.70	0.00	7,123	202.39	0.10
36.80	0.00	7,086	202.38	0.10
36.90	0.00	7,050	202.38	0.10
37.00	0.00	7,014	202.37	0.10
37.10	0.00	6,979	202.36	0.10
37.20	0.00	6,944	202.36	0.10
37.30	0.00	6,909	202.35	0.10
37.40	0.00	6,874	202.34	0.10
37.50	0.00	6,840	202.34	0.09
37.60	0.00	6,806	202.33	0.09
37.70	0.00	6,772	202.33	0.09
37.80	0.00	6,739	202.32	0.09
37.90	0.00	6,706	202.31	0.09
38.00	0.00	6,673	202.31	0.09
38.10	0.00	6,640	202.30	0.09
38.20	0.00	6,608	202.30	0.09
38.30	0.00	6,577	202.29	0.09
38.40	0.00	6,545	202.29	0.09
38.50	0.00	6,514	202.28	0.09
38.60	0.00	6,483	202.27	0.09
38.70	0.00	6,452	202.27	0.08
38.80	0.00	6,422	202.26	0.08
38.90	0.00	6,392	202.26	0.08
39.00	0.00	6,363	202.25	0.08
39.10	0.00	6,333	202.25	0.08
39.20	0.00	6,304	202.24	0.08
39.30	0.00	6,276	202.24	0.08
39.40	0.00	6,247	202.23	0.08
39.50	0.00	6,219	202.23	0.08
39.60	0.00	6,192	202.22	0.08
39.70	0.00	6,164	202.22	0.08
39.80	0.00	6,137	202.21	0.07
39.90	0.00	6,111	202.21	0.07
40.00	0.00	6,084	202.20	0.07

Stage-Discharge for Pond B-12: Basin #12

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

Stage-Discharge for Pond B-12: Basin #12 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.17	203.60	0.62	204.12	6.43	204.64	21.45
203.09	0.17	203.61	0.68	204.13	6.57	204.65	22.32
203.10	0.17	203.62	0.75	204.14	6.72	204.66	23.21
203.11	0.17	203.63	0.82	204.15	6.87	204.67	24.12
203.12	0.17	203.64	0.89	204.16	7.02	204.68	25.06
203.13	0.17	203.65	0.96	204.17	7.17	204.69	26.02
203.14	0.17	203.66	1.04	204.18	7.33	204.70	26.83
203.15	0.18	203.67	1.12	204.19	7.48	204.71	27.69
203.16	0.18	203.68	1.20	204.20	7.64	204.72	28.57
203.17	0.18	203.69	1.29	204.21	7.79	204.73	29.48
203.18	0.18	203.70	1.37	204.22	7.95	204.74	30.41
203.19	0.18	203.71	1.46	204.23	8.11	204.75	31.37
203.20	0.18	203.72	1.55	204.24	8.26	204.76	32.36
203.21	0.18	203.73	1.64	204.25	8.42	204.77	33.37
203.22	0.18	203.74	1.74	204.26	8.58	204.78	34.40
203.23	0.18	203.75	1.83	204.27	8.74	204.79	35.46
203.24	0.18	203.76	1.93	204.28	8.91	204.80	36.54
203.25	0.18	203.77	2.03	204.29	9.07	204.81	37.65
203.26	0.18	203.78	2.13	204.30	9.23	204.82	38.78
203.27	0.18	203.79	2.23	204.31	9.40	204.83	39.94
203.28	0.19	203.80	2.34	204.32	9.56	204.84	41.12
203.29	0.19	203.81	2.44	204.33	9.73	204.85	42.32
203.30	0.19	203.82	2.55	204.34	9.90	204.86	43.55
203.31	0.19	203.83	2.66	204.35	10.07	204.87	44.80
203.32	0.19	203.84	2.77	204.36	10.24	204.88	46.08
203.33	0.19	203.85	2.88	204.37	10.40	204.89	47.38
203.34	0.19	203.86	3.00	204.38	10.58	204.90	48.71
203.35	0.19	203.87	3.11	204.39	10.75	204.91	50.08
203.36	0.19	203.88	3.23	204.40	10.92	204.92	51.48
203.37	0.19	203.89	3.35	204.41	11.09	204.93	52.91
203.38	0.19	203.90	3.47	204.42	11.27	204.94	54.37
203.39	0.19	203.91	3.59	204.43	11.44	204.95	55.85
203.40	0.19	203.92	3.71	204.44	11.62	204.96	57.35
203.41	0.19	203.93	3.84	204.45	11.79	204.97	58.89
203.42	0.20	203.94	3.96	204.46	11.97	204.98	60.45
203.43	0.20	203.95	4.09	204.47	12.15	204.99	62.03
203.44	0.20	203.96	4.22	204.48	12.33	205.00	63.65
203.45	0.20	203.97	4.35	204.49	12.51		
203.46	0.20	203.98	4.48	204.50	12.69		
203.47	0.20	203.99	4.61	204.51	12.98		
203.48	0.20	204.00	4.74	204.52	13.38		
203.49	0.20	204.01	4.87	204.53	13.84		
203.50	0.20	204.02	5.01	204.54	14.35		
203.51	0.21	204.03	5.15	204.55	14.91		
203.52	0.24	204.04	5.28	204.56	15.51		
203.53	0.27	204.05	5.42	204.57	16.14		
203.54	0.31	204.06	5.56	204.58	16.81		
203.55	0.35	204.07	5.70	204.59	17.51		
203.56	0.40	204.08	5.85	204.60	18.24		
203.57	0.45	204.09	5.99	204.61	19.00		
203.58	0.50	204.10	6.13	204.62	19.79		
203.59	0.56	204.11	6.28	204.63	20.61		

Stage-Area-Storage for Pond B-12: Basin #12

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	4,623	0	201.52	5,001	2,502
201.01	4,630	46	201.53	5,008	2,552
201.02	4,638	93	201.54	5,016	2,602
201.03	4,645	139	201.55	5,023	2,653
201.04	4,652	186	201.56	5,030	2,703
201.05	4,659	232	201.57	5,037	2,753
201.06	4,667	279	201.58	5,045	2,804
201.07	4,674	325	201.59	5,052	2,854
201.08	4,681	372	201.60	5,059	2,905
201.09	4,688	419	201.61	5,066	2,955
201.10	4,696	466	201.62	5,074	3,006
201.11	4,703	513	201.63	5,081	3,057
201.12	4,710	560	201.64	5,088	3,108
201.13	4,718	607	201.65	5,096	3,159
201.14	4,725	654	201.66	5,103	3,210
201.15	4,732	702	201.67	5,110	3,261
201.16	4,739	749	201.68	5,117	3,312
201.17	4,747	796	201.69	5,125	3,363
201.18	4,754	844	201.70	5,132	3,414
201.19	4,761	891	201.71	5,139	3,466
201.20	4,768	939	201.72	5,146	3,517
201.21	4,776	987	201.73	5,154	3,568
201.22	4,783	1,035	201.74	5,161	3,620
201.23	4,790	1,083	201.75	5,168	3,672
201.24	4,797	1,130	201.76	5,176	3,723
201.25	4,805	1,178	201.77	5,183	3,775
201.26	4,812	1,227	201.78	5,190	3,827
201.27	4,819	1,275	201.79	5,197	3,879
201.28	4,827	1,323	201.80	5,205	3,931
201.29	4,834	1,371	201.81	5,212	3,983
201.30	4,841	1,420	201.82	5,219	4,035
201.31	4,848	1,468	201.83	5,226	4,088
201.32	4,856	1,517	201.84	5,234	4,140
201.33	4,863	1,565	201.85	5,241	4,192
201.34	4,870	1,614	201.86	5,248	4,245
201.35	4,877	1,663	201.87	5,255	4,297
201.36	4,885	1,711	201.88	5,263	4,350
201.37	4,892	1,760	201.89	5,270	4,402
201.38	4,899	1,809	201.90	5,277	4,455
201.39	4,907	1,858	201.91	5,285	4,508
201.40	4,914	1,907	201.92	5,292	4,561
201.41	4,921	1,957	201.93	5,299	4,614
201.42	4,928	2,006	201.94	5,306	4,667
201.43	4,936	2,055	201.95	5,314	4,720
201.44	4,943	2,104	201.96	5,321	4,773
201.45	4,950	2,154	201.97	5,328	4,826
201.46	4,957	2,203	201.98	5,335	4,880
201.47	4,965	2,253	201.99	5,343	4,933
201.48	4,972	2,303	202.00	5,350	4,987
201.49	4,979	2,353	202.01	5,358	5,040
201.50	4,987	2,402	202.02	5,365	5,094
201.51	4,994	2,452	202.03	5,373	5,147

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	5,380	5,201	202.56	5,773	8,101
202.05	5,388	5,255	202.57	5,780	8,159
202.06	5,395	5,309	202.58	5,788	8,216
202.07	5,403	5,363	202.59	5,795	8,274
202.08	5,410	5,417	202.60	5,803	8,332
202.09	5,418	5,471	202.61	5,811	8,390
202.10	5,425	5,525	202.62	5,818	8,449
202.11	5,433	5,580	202.63	5,826	8,507
202.12	5,441	5,634	202.64	5,833	8,565
202.13	5,448	5,688	202.65	5,841	8,623
202.14	5,456	5,743	202.66	5,848	8,682
202.15	5,463	5,797	202.67	5,856	8,740
202.16	5,471	5,852	202.68	5,863	8,799
202.17	5,478	5,907	202.69	5,871	8,858
202.18	5,486	5,962	202.70	5,878	8,916
202.19	5,493	6,017	202.71	5,886	8,975
202.20	5,501	6,072	202.72	5,894	9,034
202.21	5,509	6,127	202.73	5,901	9,093
202.22	5,516	6,182	202.74	5,909	9,152
202.23	5,524	6,237	202.75	5,916	9,211
202.24	5,531	6,292	202.76	5,924	9,271
202.25	5,539	6,348	202.77	5,931	9,330
202.26	5,546	6,403	202.78	5,939	9,389
202.27	5,554	6,459	202.79	5,946	9,449
202.28	5,561	6,514	202.80	5,954	9,508
202.29	5,569	6,570	202.81	5,962	9,568
202.30	5,577	6,625	202.82	5,969	9,627
202.31	5,584	6,681	202.83	5,977	9,687
202.32	5,592	6,737	202.84	5,984	9,747
202.33	5,599	6,793	202.85	5,992	9,807
202.34	5,607	6,849	202.86	5,999	9,867
202.35	5,614	6,905	202.87	6,007	9,927
202.36	5,622	6,961	202.88	6,014	9,987
202.37	5,629	7,018	202.89	6,022	10,047
202.38	5,637	7,074	202.90	6,030	10,107
202.39	5,644	7,130	202.91	6,037	10,168
202.40	5,652	7,187	202.92	6,045	10,228
202.41	5,660	7,243	202.93	6,052	10,288
202.42	5,667	7,300	202.94	6,060	10,349
202.43	5,675	7,357	202.95	6,067	10,410
202.44	5,682	7,414	202.96	6,075	10,470
202.45	5,690	7,470	202.97	6,082	10,531
202.46	5,697	7,527	202.98	6,090	10,592
202.47	5,705	7,584	202.99	6,097	10,653
202.48	5,712	7,641	203.00	6,105	10,714
202.49	5,720	7,699	203.01	6,113	10,775
202.50	5,728	7,756	203.02	6,121	10,836
202.51	5,735	7,813	203.03	6,128	10,898
202.52	5,743	7,871	203.04	6,136	10,959
202.53	5,750	7,928	203.05	6,144	11,020
202.54	5,758	7,986	203.06	6,152	11,082
202.55	5,765	8,043	203.07	6,159	11,143

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	6,167	11,205	203.60	6,572	14,517
203.09	6,175	11,267	203.61	6,580	14,583
203.10	6,183	11,328	203.62	6,587	14,649
203.11	6,191	11,390	203.63	6,595	14,715
203.12	6,198	11,452	203.64	6,603	14,781
203.13	6,206	11,514	203.65	6,611	14,847
203.14	6,214	11,576	203.66	6,618	14,913
203.15	6,222	11,639	203.67	6,626	14,979
203.16	6,229	11,701	203.68	6,634	15,045
203.17	6,237	11,763	203.69	6,642	15,112
203.18	6,245	11,826	203.70	6,650	15,178
203.19	6,253	11,888	203.71	6,657	15,245
203.20	6,261	11,951	203.72	6,665	15,311
203.21	6,268	12,013	203.73	6,673	15,378
203.22	6,276	12,076	203.74	6,681	15,445
203.23	6,284	12,139	203.75	6,689	15,512
203.24	6,292	12,202	203.76	6,696	15,578
203.25	6,300	12,265	203.77	6,704	15,645
203.26	6,307	12,328	203.78	6,712	15,713
203.27	6,315	12,391	203.79	6,720	15,780
203.28	6,323	12,454	203.80	6,727	15,847
203.29	6,331	12,517	203.81	6,735	15,914
203.30	6,338	12,581	203.82	6,743	15,982
203.31	6,346	12,644	203.83	6,751	16,049
203.32	6,354	12,707	203.84	6,759	16,117
203.33	6,362	12,771	203.85	6,766	16,184
203.34	6,370	12,835	203.86	6,774	16,252
203.35	6,377	12,898	203.87	6,782	16,320
203.36	6,385	12,962	203.88	6,790	16,388
203.37	6,393	13,026	203.89	6,797	16,456
203.38	6,401	13,090	203.90	6,805	16,524
203.39	6,408	13,154	203.91	6,813	16,592
203.40	6,416	13,218	203.92	6,821	16,660
203.41	6,424	13,282	203.93	6,829	16,728
203.42	6,432	13,347	203.94	6,836	16,796
203.43	6,440	13,411	203.95	6,844	16,865
203.44	6,447	13,476	203.96	6,852	16,933
203.45	6,455	13,540	203.97	6,860	17,002
203.46	6,463	13,605	203.98	6,867	17,070
203.47	6,471	13,669	203.99	6,875	17,139
203.48	6,478	13,734	204.00	6,883	17,208
203.49	6,486	13,799	204.01	6,891	17,277
203.50	6,494	13,864	204.02	6,899	17,346
203.51	6,502	13,929	204.03	6,907	17,415
203.52	6,510	13,994	204.04	6,915	17,484
203.53	6,517	14,059	204.05	6,923	17,553
203.54	6,525	14,124	204.06	6,930	17,622
203.55	6,533	14,189	204.07	6,938	17,692
203.56	6,541	14,255	204.08	6,946	17,761
203.57	6,548	14,320	204.09	6,954	17,831
203.58	6,556	14,386	204.10	6,962	17,900
203.59	6,564	14,451	204.11	6,970	17,970

Stage-Area-Storage for Pond B-12: Basin #12 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	6,978	18,040	204.64	7,389	21,775
204.13	6,986	18,109	204.65	7,397	21,849
204.14	6,994	18,179	204.66	7,405	21,923
204.15	7,002	18,249	204.67	7,413	21,997
204.16	7,010	18,319	204.68	7,421	22,071
204.17	7,017	18,390	204.69	7,429	22,146
204.18	7,025	18,460	204.70	7,437	22,220
204.19	7,033	18,530	204.71	7,445	22,294
204.20	7,041	18,600	204.72	7,453	22,369
204.21	7,049	18,671	204.73	7,460	22,443
204.22	7,057	18,741	204.74	7,468	22,518
204.23	7,065	18,812	204.75	7,476	22,593
204.24	7,073	18,883	204.76	7,484	22,668
204.25	7,081	18,953	204.77	7,492	22,742
204.26	7,089	19,024	204.78	7,500	22,817
204.27	7,097	19,095	204.79	7,508	22,892
204.28	7,104	19,166	204.80	7,516	22,968
204.29	7,112	19,237	204.81	7,524	23,043
204.30	7,120	19,308	204.82	7,532	23,118
204.31	7,128	19,380	204.83	7,540	23,193
204.32	7,136	19,451	204.84	7,547	23,269
204.33	7,144	19,522	204.85	7,555	23,344
204.34	7,152	19,594	204.86	7,563	23,420
204.35	7,160	19,665	204.87	7,571	23,496
204.36	7,168	19,737	204.88	7,579	23,571
204.37	7,176	19,809	204.89	7,587	23,647
204.38	7,184	19,881	204.90	7,595	23,723
204.39	7,191	19,953	204.91	7,603	23,799
204.40	7,199	20,024	204.92	7,611	23,875
204.41	7,207	20,097	204.93	7,619	23,951
204.42	7,215	20,169	204.94	7,627	24,027
204.43	7,223	20,241	204.95	7,634	24,104
204.44	7,231	20,313	204.96	7,642	24,180
204.45	7,239	20,385	204.97	7,650	24,257
204.46	7,247	20,458	204.98	7,658	24,333
204.47	7,255	20,530	204.99	7,666	24,410
204.48	7,263	20,603	205.00	7,674	24,487
204.49	7,271	20,676			
204.50	7,279	20,748			
204.51	7,286	20,821			
204.52	7,294	20,894			
204.53	7,302	20,967			
204.54	7,310	21,040			
204.55	7,318	21,113			
204.56	7,326	21,187			
204.57	7,334	21,260			
204.58	7,342	21,333			
204.59	7,350	21,407			
204.60	7,358	21,480			
204.61	7,366	21,554			
204.62	7,373	21,627			
204.63	7,381	21,701			

Summary for Pond B-13: Basin #13

Inflow Area = 2.350 ac, 62.43% Impervious, Inflow Depth = 9.64" for Future 100 yr event
 Inflow = 22.18 cfs @ 12.17 hrs, Volume= 1.888 af
 Outflow = 23.19 cfs @ 12.20 hrs, Volume= 1.655 af, Atten= 0%, Lag= 2.0 min
 Primary = 23.19 cfs @ 12.20 hrs, Volume= 1.655 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.05' @ 12.20 hrs Surf.Area= 10,522 sf Storage= 27,707 cf

Plug-Flow detention time= 260.6 min calculated for 1.653 af (88% of inflow)
 Center-of-Mass det. time= 201.5 min (963.9 - 762.3)

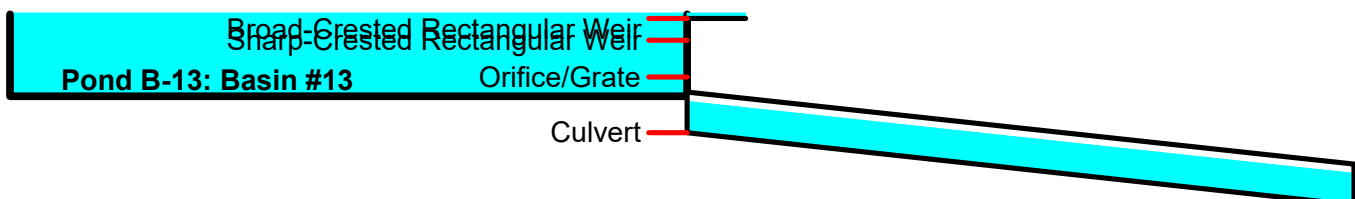
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	27,707 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,975	0	0
193.00	8,804	8,390	8,390
194.00	9,654	9,229	17,619
195.00	10,522	10,088	27,707

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 57.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0465 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.85'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

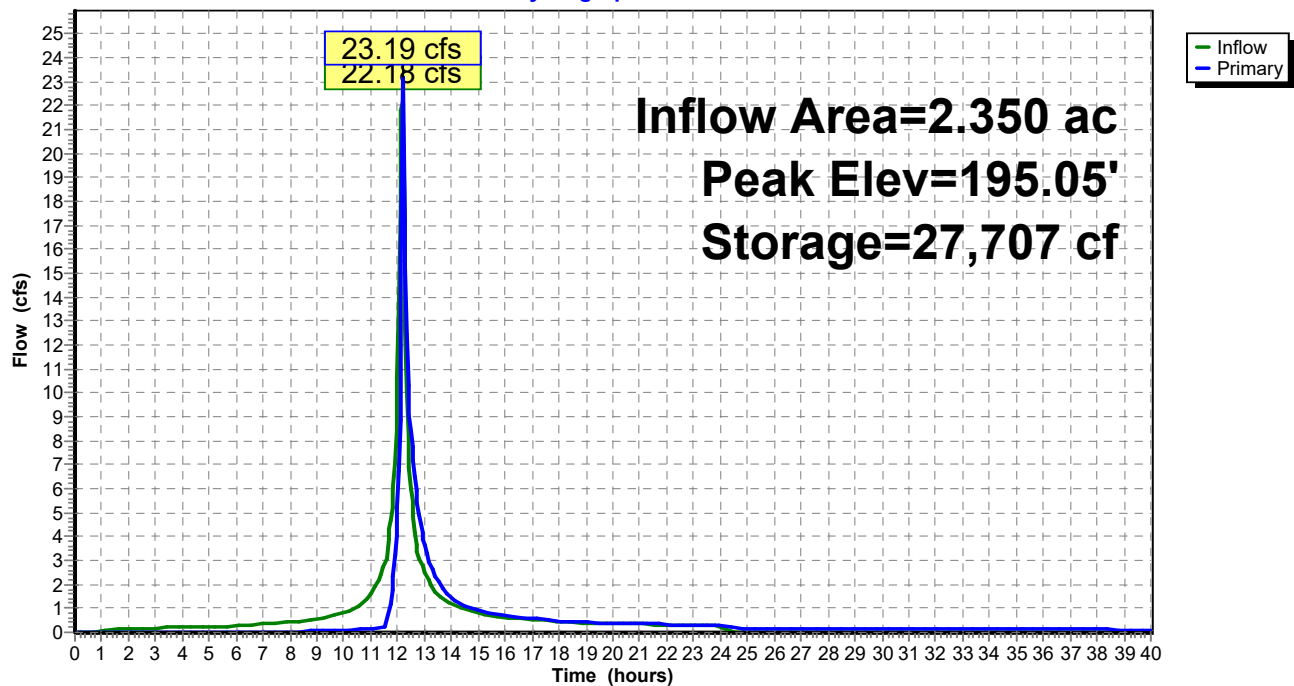
Primary OutFlow Max=22.72 cfs @ 12.20 hrs HW=195.04' (Free Discharge)

1=Culvert (Passes 12.58 cfs of 16.24 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.21 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 12.33 cfs @ 3.26 fps)
 4=Broad-Crested Rectangular Weir(Weir Controls 10.15 cfs @ 1.03 fps)



Pond B-13: Basin #13

Hydrograph



Hydrograph for Pond B-13: Basin #13

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.01	1	192.00	0.00
0.60	0.02	6	192.00	0.00
0.70	0.04	16	192.00	0.00
0.80	0.05	32	192.00	0.00
0.90	0.06	52	192.01	0.00
1.00	0.07	76	192.01	0.00
1.10	0.08	104	192.01	0.00
1.20	0.09	135	192.02	0.00
1.30	0.10	170	192.02	0.00
1.40	0.11	208	192.03	0.00
1.50	0.11	248	192.03	0.00
1.60	0.12	290	192.04	0.00
1.70	0.13	335	192.04	0.00
1.80	0.13	382	192.05	0.00
1.90	0.14	430	192.05	0.00
2.00	0.14	481	192.06	0.00
2.10	0.15	534	192.07	0.00
2.20	0.15	587	192.07	0.00
2.30	0.16	643	192.08	0.00
2.40	0.16	700	192.09	0.00
2.50	0.16	759	192.09	0.00
2.60	0.17	818	192.10	0.00
2.70	0.17	879	192.11	0.00
2.80	0.17	941	192.12	0.00
2.90	0.18	1,005	192.13	0.00
3.00	0.18	1,070	192.13	0.00
3.10	0.18	1,135	192.14	0.00
3.20	0.19	1,202	192.15	0.00
3.30	0.19	1,270	192.16	0.00
3.40	0.19	1,339	192.17	0.00
3.50	0.20	1,408	192.18	0.00
3.60	0.20	1,479	192.18	0.00
3.70	0.20	1,551	192.19	0.00
3.80	0.20	1,624	192.20	0.00
3.90	0.21	1,697	192.21	0.00
4.00	0.21	1,772	192.22	0.00
4.10	0.21	1,847	192.23	0.00
4.20	0.21	1,923	192.24	0.00
4.30	0.22	2,000	192.25	0.00
4.40	0.22	2,078	192.26	0.00
4.50	0.22	2,157	192.27	0.00
4.60	0.22	2,237	192.28	0.00
4.70	0.22	2,317	192.29	0.00
4.80	0.23	2,398	192.30	0.00
4.90	0.23	2,480	192.31	0.00
5.00	0.23	2,562	192.32	0.00
5.10	0.23	2,646	192.33	0.00

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.24	2,730	192.34	0.00
5.30	0.24	2,815	192.35	0.00
5.40	0.24	2,902	192.36	0.00
5.50	0.25	2,990	192.37	0.00
5.60	0.25	3,079	192.38	0.00
5.70	0.25	3,169	192.39	0.00
5.80	0.26	3,260	192.40	0.00
5.90	0.26	3,353	192.41	0.00
6.00	0.26	3,447	192.42	0.00
6.10	0.27	3,543	192.43	0.00
6.20	0.27	3,640	192.45	0.00
6.30	0.28	3,740	192.46	0.00
6.40	0.29	3,844	192.47	0.00
6.50	0.30	3,950	192.48	0.00
6.60	0.31	4,060	192.50	0.00
6.70	0.32	4,173	192.51	0.00
6.80	0.33	4,289	192.52	0.00
6.90	0.33	4,408	192.54	0.00
7.00	0.34	4,530	192.55	0.00
7.10	0.35	4,656	192.57	0.00
7.20	0.36	4,785	192.58	0.00
7.30	0.37	4,917	192.60	0.00
7.40	0.38	5,053	192.61	0.00
7.50	0.39	5,192	192.63	0.00
7.60	0.40	5,335	192.65	0.00
7.70	0.41	5,480	192.66	0.00
7.80	0.42	5,630	192.68	0.00
7.90	0.43	5,783	192.70	0.00
8.00	0.44	5,939	192.72	0.00
8.10	0.45	6,098	192.74	0.00
8.20	0.46	6,260	192.76	0.01
8.30	0.47	6,425	192.77	0.01
8.40	0.48	6,591	192.79	0.02
8.50	0.49	6,758	192.81	0.02
8.60	0.50	6,927	192.83	0.03
8.70	0.51	7,098	192.85	0.04
8.80	0.52	7,269	192.87	0.04
8.90	0.53	7,442	192.89	0.05
9.00	0.54	7,616	192.91	0.05
9.10	0.56	7,793	192.93	0.06
9.20	0.58	7,977	192.95	0.06
9.30	0.62	8,169	192.97	0.07
9.40	0.65	8,372	193.00	0.07
9.50	0.68	8,584	193.02	0.08
9.60	0.72	8,808	193.05	0.08
9.70	0.75	9,042	193.07	0.09
9.80	0.78	9,287	193.10	0.09
9.90	0.82	9,543	193.13	0.09
10.00	0.86	9,810	193.16	0.10
10.10	0.89	10,089	193.19	0.10
10.20	0.93	10,378	193.22	0.11
10.30	0.96	10,680	193.26	0.11

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	1.00	10,993	193.29	0.11
10.50	1.04	11,317	193.33	0.12
10.60	1.10	11,657	193.36	0.12
10.70	1.21	12,026	193.41	0.13
10.80	1.33	12,435	193.45	0.13
10.90	1.46	12,890	193.50	0.14
11.00	1.60	13,390	193.55	0.14
11.10	1.76	13,941	193.61	0.15
11.20	1.98	14,559	193.68	0.15
11.30	2.23	15,261	193.75	0.16
11.40	2.49	16,052	193.84	0.17
11.50	2.74	16,931	193.93	0.17
11.60	3.30	17,932	194.03	0.18
11.70	4.33	19,181	194.16	0.67
11.80	5.23	20,460	194.29	1.73
11.90	7.03	21,776	194.42	3.13
12.00	10.60	23,400	194.58	5.18
12.10	17.81	25,926	194.83	8.89
12.20	21.34	27,707	195.05	23.17
12.30	12.83	27,278	194.96	15.34
12.40	8.20	26,442	194.88	10.30
12.50	6.00	25,634	194.80	8.43
12.60	4.85	24,791	194.72	7.16
12.70	3.66	23,950	194.64	5.94
12.80	3.15	23,215	194.57	4.93
12.90	2.83	22,651	194.51	4.20
13.00	2.55	22,209	194.47	3.65
13.10	2.28	21,846	194.43	3.21
13.20	2.04	21,532	194.40	2.85
13.30	1.87	21,263	194.37	2.55
13.40	1.72	21,035	194.35	2.31
13.50	1.57	20,835	194.33	2.10
13.60	1.43	20,653	194.31	1.91
13.70	1.31	20,485	194.29	1.75
13.80	1.25	20,340	194.28	1.61
13.90	1.20	20,221	194.27	1.50
14.00	1.17	20,123	194.26	1.41
14.10	1.13	20,040	194.25	1.34
14.20	1.09	19,968	194.24	1.28
14.30	1.05	19,904	194.23	1.22
14.40	1.01	19,844	194.23	1.17
14.50	0.98	19,789	194.22	1.13
14.60	0.94	19,737	194.22	1.08
14.70	0.90	19,685	194.21	1.04
14.80	0.86	19,634	194.21	1.00
14.90	0.83	19,584	194.20	0.96
15.00	0.79	19,535	194.20	0.93
15.10	0.75	19,485	194.19	0.89
15.20	0.72	19,437	194.19	0.85
15.30	0.70	19,392	194.18	0.82
15.40	0.69	19,353	194.18	0.79
15.50	0.68	19,319	194.17	0.77

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.67	19,290	194.17	0.75
15.70	0.66	19,264	194.17	0.73
15.80	0.65	19,241	194.17	0.71
15.90	0.64	19,219	194.16	0.70
16.00	0.63	19,199	194.16	0.68
16.10	0.62	19,181	194.16	0.67
16.20	0.61	19,164	194.16	0.66
16.30	0.60	19,147	194.16	0.65
16.40	0.59	19,130	194.16	0.64
16.50	0.58	19,113	194.15	0.63
16.60	0.57	19,096	194.15	0.62
16.70	0.56	19,079	194.15	0.61
16.80	0.55	19,063	194.15	0.60
16.90	0.54	19,046	194.15	0.59
17.00	0.53	19,030	194.15	0.58
17.10	0.52	19,014	194.14	0.57
17.20	0.51	18,998	194.14	0.56
17.30	0.50	18,981	194.14	0.55
17.40	0.49	18,965	194.14	0.54
17.50	0.48	18,948	194.14	0.53
17.60	0.47	18,932	194.14	0.52
17.70	0.46	18,916	194.13	0.51
17.80	0.45	18,900	194.13	0.50
17.90	0.44	18,884	194.13	0.49
18.00	0.43	18,867	194.13	0.48
18.10	0.42	18,850	194.13	0.47
18.20	0.41	18,833	194.13	0.46
18.30	0.41	18,817	194.12	0.45
18.40	0.40	18,802	194.12	0.44
18.50	0.40	18,789	194.12	0.44
18.60	0.40	18,777	194.12	0.43
18.70	0.40	18,767	194.12	0.42
18.80	0.39	18,757	194.12	0.42
18.90	0.39	18,748	194.12	0.42
19.00	0.39	18,740	194.12	0.41
19.10	0.39	18,733	194.11	0.41
19.20	0.38	18,726	194.11	0.40
19.30	0.38	18,719	194.11	0.40
19.40	0.38	18,712	194.11	0.40
19.50	0.38	18,706	194.11	0.39
19.60	0.37	18,700	194.11	0.39
19.70	0.37	18,695	194.11	0.39
19.80	0.37	18,689	194.11	0.38
19.90	0.37	18,684	194.11	0.38
20.00	0.36	18,679	194.11	0.38
20.10	0.36	18,673	194.11	0.38
20.20	0.36	18,668	194.11	0.37
20.30	0.36	18,663	194.11	0.37
20.40	0.35	18,658	194.11	0.37
20.50	0.35	18,653	194.11	0.37
20.60	0.35	18,647	194.11	0.36
20.70	0.35	18,643	194.11	0.36

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	18,638	194.11	0.36
20.90	0.34	18,633	194.10	0.36
21.00	0.34	18,628	194.10	0.35
21.10	0.34	18,623	194.10	0.35
21.20	0.33	18,618	194.10	0.35
21.30	0.33	18,613	194.10	0.35
21.40	0.33	18,608	194.10	0.34
21.50	0.33	18,603	194.10	0.34
21.60	0.32	18,598	194.10	0.34
21.70	0.32	18,593	194.10	0.34
21.80	0.32	18,588	194.10	0.33
21.90	0.32	18,584	194.10	0.33
22.00	0.31	18,579	194.10	0.33
22.10	0.31	18,573	194.10	0.33
22.20	0.31	18,567	194.10	0.32
22.30	0.31	18,562	194.10	0.32
22.40	0.30	18,556	194.10	0.32
22.50	0.30	18,550	194.10	0.32
22.60	0.30	18,544	194.10	0.32
22.70	0.30	18,538	194.09	0.31
22.80	0.29	18,532	194.09	0.31
22.90	0.29	18,526	194.09	0.31
23.00	0.29	18,519	194.09	0.31
23.10	0.29	18,513	194.09	0.30
23.20	0.28	18,507	194.09	0.30
23.30	0.28	18,500	194.09	0.30
23.40	0.28	18,494	194.09	0.30
23.50	0.28	18,487	194.09	0.29
23.60	0.27	18,481	194.09	0.29
23.70	0.27	18,474	194.09	0.29
23.80	0.27	18,468	194.09	0.29
23.90	0.27	18,462	194.09	0.28
24.00	0.28	18,457	194.09	0.28
24.10	0.24	18,453	194.09	0.28
24.20	0.07	18,407	194.08	0.26
24.30	0.02	18,331	194.07	0.23
24.40	0.00	18,254	194.07	0.21
24.50	0.00	18,180	194.06	0.20
24.60	0.00	18,111	194.05	0.18
24.70	0.00	18,045	194.04	0.18
24.80	0.00	17,979	194.04	0.18
24.90	0.00	17,914	194.03	0.18
25.00	0.00	17,848	194.02	0.18
25.10	0.00	17,783	194.02	0.18
25.20	0.00	17,718	194.01	0.18
25.30	0.00	17,654	194.00	0.18
25.40	0.00	17,589	194.00	0.18
25.50	0.00	17,524	193.99	0.18
25.60	0.00	17,460	193.98	0.18
25.70	0.00	17,396	193.98	0.18
25.80	0.00	17,332	193.97	0.18
25.90	0.00	17,269	193.96	0.18

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	17,205	193.96	0.18
26.10	0.00	17,142	193.95	0.18
26.20	0.00	17,078	193.94	0.18
26.30	0.00	17,015	193.94	0.17
26.40	0.00	16,953	193.93	0.17
26.50	0.00	16,890	193.92	0.17
26.60	0.00	16,828	193.92	0.17
26.70	0.00	16,765	193.91	0.17
26.80	0.00	16,703	193.90	0.17
26.90	0.00	16,641	193.90	0.17
27.00	0.00	16,580	193.89	0.17
27.10	0.00	16,518	193.89	0.17
27.20	0.00	16,457	193.88	0.17
27.30	0.00	16,396	193.87	0.17
27.40	0.00	16,335	193.87	0.17
27.50	0.00	16,274	193.86	0.17
27.60	0.00	16,213	193.85	0.17
27.70	0.00	16,153	193.85	0.17
27.80	0.00	16,092	193.84	0.17
27.90	0.00	16,032	193.83	0.17
28.00	0.00	15,973	193.83	0.17
28.10	0.00	15,913	193.82	0.17
28.20	0.00	15,853	193.82	0.17
28.30	0.00	15,794	193.81	0.16
28.40	0.00	15,735	193.80	0.16
28.50	0.00	15,676	193.80	0.16
28.60	0.00	15,617	193.79	0.16
28.70	0.00	15,558	193.78	0.16
28.80	0.00	15,500	193.78	0.16
28.90	0.00	15,442	193.77	0.16
29.00	0.00	15,384	193.77	0.16
29.10	0.00	15,326	193.76	0.16
29.20	0.00	15,268	193.75	0.16
29.30	0.00	15,211	193.75	0.16
29.40	0.00	15,153	193.74	0.16
29.50	0.00	15,096	193.74	0.16
29.60	0.00	15,039	193.73	0.16
29.70	0.00	14,983	193.72	0.16
29.80	0.00	14,926	193.72	0.16
29.90	0.00	14,870	193.71	0.16
30.00	0.00	14,814	193.71	0.16
30.10	0.00	14,758	193.70	0.16
30.20	0.00	14,702	193.69	0.15
30.30	0.00	14,646	193.69	0.15
30.40	0.00	14,591	193.68	0.15
30.50	0.00	14,535	193.68	0.15
30.60	0.00	14,480	193.67	0.15
30.70	0.00	14,425	193.66	0.15
30.80	0.00	14,371	193.66	0.15
30.90	0.00	14,316	193.65	0.15
31.00	0.00	14,262	193.65	0.15
31.10	0.00	14,208	193.64	0.15

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	14,154	193.64	0.15
31.30	0.00	14,100	193.63	0.15
31.40	0.00	14,046	193.62	0.15
31.50	0.00	13,993	193.62	0.15
31.60	0.00	13,940	193.61	0.15
31.70	0.00	13,887	193.61	0.15
31.80	0.00	13,834	193.60	0.15
31.90	0.00	13,781	193.60	0.15
32.00	0.00	13,729	193.59	0.15
32.10	0.00	13,676	193.58	0.14
32.20	0.00	13,624	193.58	0.14
32.30	0.00	13,573	193.57	0.14
32.40	0.00	13,521	193.57	0.14
32.50	0.00	13,469	193.56	0.14
32.60	0.00	13,418	193.56	0.14
32.70	0.00	13,367	193.55	0.14
32.80	0.00	13,316	193.55	0.14
32.90	0.00	13,265	193.54	0.14
33.00	0.00	13,214	193.53	0.14
33.10	0.00	13,164	193.53	0.14
33.20	0.00	13,114	193.52	0.14
33.30	0.00	13,064	193.52	0.14
33.40	0.00	13,014	193.51	0.14
33.50	0.00	12,964	193.51	0.14
33.60	0.00	12,915	193.50	0.14
33.70	0.00	12,866	193.50	0.14
33.80	0.00	12,817	193.49	0.14
33.90	0.00	12,768	193.49	0.14
34.00	0.00	12,719	193.48	0.13
34.10	0.00	12,671	193.48	0.13
34.20	0.00	12,622	193.47	0.13
34.30	0.00	12,574	193.46	0.13
34.40	0.00	12,526	193.46	0.13
34.50	0.00	12,478	193.45	0.13
34.60	0.00	12,431	193.45	0.13
34.70	0.00	12,384	193.44	0.13
34.80	0.00	12,336	193.44	0.13
34.90	0.00	12,289	193.43	0.13
35.00	0.00	12,243	193.43	0.13
35.10	0.00	12,196	193.42	0.13
35.20	0.00	12,150	193.42	0.13
35.30	0.00	12,103	193.41	0.13
35.40	0.00	12,057	193.41	0.13
35.50	0.00	12,011	193.40	0.13
35.60	0.00	11,966	193.40	0.13
35.70	0.00	11,920	193.39	0.13
35.80	0.00	11,875	193.39	0.13
35.90	0.00	11,830	193.38	0.12
36.00	0.00	11,785	193.38	0.12
36.10	0.00	11,740	193.37	0.12
36.20	0.00	11,696	193.37	0.12
36.30	0.00	11,652	193.36	0.12

Hydrograph for Pond B-13: Basin #13 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,608	193.36	0.12
36.50	0.00	11,564	193.35	0.12
36.60	0.00	11,520	193.35	0.12
36.70	0.00	11,476	193.34	0.12
36.80	0.00	11,433	193.34	0.12
36.90	0.00	11,390	193.34	0.12
37.00	0.00	11,347	193.33	0.12
37.10	0.00	11,304	193.33	0.12
37.20	0.00	11,262	193.32	0.12
37.30	0.00	11,219	193.32	0.12
37.40	0.00	11,177	193.31	0.12
37.50	0.00	11,135	193.31	0.12
37.60	0.00	11,093	193.30	0.12
37.70	0.00	11,051	193.30	0.12
37.80	0.00	11,010	193.29	0.11
37.90	0.00	10,969	193.29	0.11
38.00	0.00	10,928	193.28	0.11
38.10	0.00	10,887	193.28	0.11
38.20	0.00	10,846	193.28	0.11
38.30	0.00	10,806	193.27	0.11
38.40	0.00	10,766	193.27	0.11
38.50	0.00	10,725	193.26	0.11
38.60	0.00	10,686	193.26	0.11
38.70	0.00	10,646	193.25	0.11
38.80	0.00	10,606	193.25	0.11
38.90	0.00	10,567	193.24	0.11
39.00	0.00	10,528	193.24	0.11
39.10	0.00	10,489	193.24	0.11
39.20	0.00	10,450	193.23	0.11
39.30	0.00	10,412	193.23	0.11
39.40	0.00	10,374	193.22	0.11
39.50	0.00	10,335	193.22	0.11
39.60	0.00	10,297	193.21	0.11
39.70	0.00	10,260	193.21	0.10
39.80	0.00	10,222	193.21	0.10
39.90	0.00	10,185	193.20	0.10
40.00	0.00	10,148	193.20	0.10

Stage-Discharge for Pond B-13: Basin #13

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.00	193.04	0.08	193.56	0.14
192.01	0.00	192.53	0.00	193.05	0.08	193.57	0.14
192.02	0.00	192.54	0.00	193.06	0.08	193.58	0.14
192.03	0.00	192.55	0.00	193.07	0.08	193.59	0.15
192.04	0.00	192.56	0.00	193.08	0.09	193.60	0.15
192.05	0.00	192.57	0.00	193.09	0.09	193.61	0.15
192.06	0.00	192.58	0.00	193.10	0.09	193.62	0.15
192.07	0.00	192.59	0.00	193.11	0.09	193.63	0.15
192.08	0.00	192.60	0.00	193.12	0.09	193.64	0.15
192.09	0.00	192.61	0.00	193.13	0.09	193.65	0.15
192.10	0.00	192.62	0.00	193.14	0.10	193.66	0.15
192.11	0.00	192.63	0.00	193.15	0.10	193.67	0.15
192.12	0.00	192.64	0.00	193.16	0.10	193.68	0.15
192.13	0.00	192.65	0.00	193.17	0.10	193.69	0.15
192.14	0.00	192.66	0.00	193.18	0.10	193.70	0.16
192.15	0.00	192.67	0.00	193.19	0.10	193.71	0.16
192.16	0.00	192.68	0.00	193.20	0.10	193.72	0.16
192.17	0.00	192.69	0.00	193.21	0.10	193.73	0.16
192.18	0.00	192.70	0.00	193.22	0.11	193.74	0.16
192.19	0.00	192.71	0.00	193.23	0.11	193.75	0.16
192.20	0.00	192.72	0.00	193.24	0.11	193.76	0.16
192.21	0.00	192.73	0.00	193.25	0.11	193.77	0.16
192.22	0.00	192.74	0.00	193.26	0.11	193.78	0.16
192.23	0.00	192.75	0.00	193.27	0.11	193.79	0.16
192.24	0.00	192.76	0.01	193.28	0.11	193.80	0.16
192.25	0.00	192.77	0.01	193.29	0.11	193.81	0.16
192.26	0.00	192.78	0.01	193.30	0.12	193.82	0.17
192.27	0.00	192.79	0.01	193.31	0.12	193.83	0.17
192.28	0.00	192.80	0.02	193.32	0.12	193.84	0.17
192.29	0.00	192.81	0.02	193.33	0.12	193.85	0.17
192.30	0.00	192.82	0.02	193.34	0.12	193.86	0.17
192.31	0.00	192.83	0.03	193.35	0.12	193.87	0.17
192.32	0.00	192.84	0.03	193.36	0.12	193.88	0.17
192.33	0.00	192.85	0.03	193.37	0.12	193.89	0.17
192.34	0.00	192.86	0.04	193.38	0.12	193.90	0.17
192.35	0.00	192.87	0.04	193.39	0.13	193.91	0.17
192.36	0.00	192.88	0.05	193.40	0.13	193.92	0.17
192.37	0.00	192.89	0.05	193.41	0.13	193.93	0.17
192.38	0.00	192.90	0.05	193.42	0.13	193.94	0.17
192.39	0.00	192.91	0.05	193.43	0.13	193.95	0.18
192.40	0.00	192.92	0.06	193.44	0.13	193.96	0.18
192.41	0.00	192.93	0.06	193.45	0.13	193.97	0.18
192.42	0.00	192.94	0.06	193.46	0.13	193.98	0.18
192.43	0.00	192.95	0.06	193.47	0.13	193.99	0.18
192.44	0.00	192.96	0.06	193.48	0.13	194.00	0.18
192.45	0.00	192.97	0.07	193.49	0.14	194.01	0.18
192.46	0.00	192.98	0.07	193.50	0.14	194.02	0.18
192.47	0.00	192.99	0.07	193.51	0.14	194.03	0.18
192.48	0.00	193.00	0.07	193.52	0.14	194.04	0.18
192.49	0.00	193.01	0.07	193.53	0.14	194.05	0.18
192.50	0.00	193.02	0.08	193.54	0.14	194.06	0.20
192.51	0.00	193.03	0.08	193.55	0.14	194.07	0.22

Stage-Discharge for Pond B-13: Basin #13 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	0.25	194.60	5.41
194.09	0.29	194.61	5.55
194.10	0.33	194.62	5.69
194.11	0.38	194.63	5.83
194.12	0.43	194.64	5.98
194.13	0.48	194.65	6.12
194.14	0.54	194.66	6.27
194.15	0.60	194.67	6.41
194.16	0.67	194.68	6.56
194.17	0.73	194.69	6.71
194.18	0.80	194.70	6.86
194.19	0.87	194.71	7.01
194.20	0.95	194.72	7.16
194.21	1.03	194.73	7.31
194.22	1.10	194.74	7.47
194.23	1.19	194.75	7.62
194.24	1.27	194.76	7.78
194.25	1.36	194.77	7.93
194.26	1.44	194.78	8.09
194.27	1.53	194.79	8.25
194.28	1.63	194.80	8.41
194.29	1.72	194.81	8.57
194.30	1.82	194.82	8.73
194.31	1.91	194.83	8.89
194.32	2.01	194.84	9.06
194.33	2.11	194.85	9.22
194.34	2.22	194.86	9.50
194.35	2.32	194.87	9.88
194.36	2.43	194.88	10.33
194.37	2.54	194.89	10.82
194.38	2.64	194.90	11.36
194.39	2.76	194.91	11.95
194.40	2.87	194.92	12.57
194.41	2.98	194.93	13.22
194.42	3.10	194.94	13.91
194.43	3.22	194.95	14.62
194.44	3.33	194.96	15.37
194.45	3.45	194.97	16.14
194.46	3.57	194.98	16.95
194.47	3.70	194.99	17.77
194.48	3.82	195.00	18.63
194.49	3.95	195.01	19.50
194.50	4.07	195.02	20.40
194.51	4.20	195.03	21.32
194.52	4.33	195.04	22.27
194.53	4.46	195.05	23.24
194.54	4.59	195.06	24.26
194.55	4.73		
194.56	4.86		
194.57	5.00		
194.58	5.13		
194.59	5.27		

Stage-Area-Storage for Pond B-13: Basin #13

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,975	0	192.52	8,406	4,259
192.01	7,983	80	192.53	8,414	4,343
192.02	7,992	160	192.54	8,423	4,427
192.03	8,000	240	192.55	8,431	4,512
192.04	8,008	320	192.56	8,439	4,596
192.05	8,016	400	192.57	8,448	4,680
192.06	8,025	480	192.58	8,456	4,765
192.07	8,033	560	192.59	8,464	4,850
192.08	8,041	641	192.60	8,472	4,934
192.09	8,050	721	192.61	8,481	5,019
192.10	8,058	802	192.62	8,489	5,104
192.11	8,066	882	192.63	8,497	5,189
192.12	8,074	963	192.64	8,506	5,274
192.13	8,083	1,044	192.65	8,514	5,359
192.14	8,091	1,125	192.66	8,522	5,444
192.15	8,099	1,206	192.67	8,530	5,529
192.16	8,108	1,287	192.68	8,539	5,615
192.17	8,116	1,368	192.69	8,547	5,700
192.18	8,124	1,449	192.70	8,555	5,786
192.19	8,133	1,530	192.71	8,564	5,871
192.20	8,141	1,612	192.72	8,572	5,957
192.21	8,149	1,693	192.73	8,580	6,043
192.22	8,157	1,775	192.74	8,588	6,128
192.23	8,166	1,856	192.75	8,597	6,214
192.24	8,174	1,938	192.76	8,605	6,300
192.25	8,182	2,020	192.77	8,613	6,387
192.26	8,191	2,102	192.78	8,622	6,473
192.27	8,199	2,183	192.79	8,630	6,559
192.28	8,207	2,265	192.80	8,638	6,645
192.29	8,215	2,348	192.81	8,646	6,732
192.30	8,224	2,430	192.82	8,655	6,818
192.31	8,232	2,512	192.83	8,663	6,905
192.32	8,240	2,594	192.84	8,671	6,991
192.33	8,249	2,677	192.85	8,680	7,078
192.34	8,257	2,759	192.86	8,688	7,165
192.35	8,265	2,842	192.87	8,696	7,252
192.36	8,273	2,925	192.88	8,705	7,339
192.37	8,282	3,007	192.89	8,713	7,426
192.38	8,290	3,090	192.90	8,721	7,513
192.39	8,298	3,173	192.91	8,729	7,600
192.40	8,307	3,256	192.92	8,738	7,688
192.41	8,315	3,339	192.93	8,746	7,775
192.42	8,323	3,423	192.94	8,754	7,863
192.43	8,331	3,506	192.95	8,763	7,950
192.44	8,340	3,589	192.96	8,771	8,038
192.45	8,348	3,673	192.97	8,779	8,126
192.46	8,356	3,756	192.98	8,787	8,214
192.47	8,365	3,840	192.99	8,796	8,302
192.48	8,373	3,924	193.00	8,804	8,390
192.49	8,381	4,007	193.01	8,812	8,478
192.50	8,390	4,091	193.02	8,821	8,566
192.51	8,398	4,175	193.03	8,830	8,654

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	8,838	8,742	193.56	9,280	13,453
193.05	8,847	8,831	193.57	9,288	13,546
193.06	8,855	8,919	193.58	9,297	13,639
193.07	8,863	9,008	193.59	9,306	13,732
193.08	8,872	9,097	193.60	9,314	13,825
193.09	8,881	9,185	193.61	9,323	13,918
193.10	8,889	9,274	193.62	9,331	14,011
193.11	8,898	9,363	193.63	9,339	14,105
193.12	8,906	9,452	193.64	9,348	14,198
193.13	8,914	9,541	193.65	9,357	14,292
193.14	8,923	9,630	193.66	9,365	14,385
193.15	8,932	9,720	193.67	9,373	14,479
193.16	8,940	9,809	193.68	9,382	14,573
193.17	8,948	9,898	193.69	9,390	14,667
193.18	8,957	9,988	193.70	9,399	14,761
193.19	8,965	10,078	193.71	9,408	14,855
193.20	8,974	10,167	193.72	9,416	14,949
193.21	8,983	10,257	193.73	9,424	15,043
193.22	8,991	10,347	193.74	9,433	15,137
193.23	8,999	10,437	193.75	9,442	15,232
193.24	9,008	10,527	193.76	9,450	15,326
193.25	9,017	10,617	193.77	9,459	15,421
193.26	9,025	10,707	193.78	9,467	15,515
193.27	9,034	10,798	193.79	9,475	15,610
193.28	9,042	10,888	193.80	9,484	15,705
193.29	9,050	10,978	193.81	9,493	15,800
193.30	9,059	11,069	193.82	9,501	15,895
193.31	9,068	11,160	193.83	9,510	15,990
193.32	9,076	11,250	193.84	9,518	16,085
193.33	9,085	11,341	193.85	9,526	16,180
193.34	9,093	11,432	193.86	9,535	16,275
193.35	9,101	11,523	193.87	9,544	16,371
193.36	9,110	11,614	193.88	9,552	16,466
193.37	9,119	11,705	193.89	9,560	16,562
193.38	9,127	11,796	193.90	9,569	16,657
193.39	9,135	11,888	193.91	9,577	16,753
193.40	9,144	11,979	193.92	9,586	16,849
193.41	9,152	12,071	193.93	9,595	16,945
193.42	9,161	12,162	193.94	9,603	17,041
193.43	9,170	12,254	193.95	9,611	17,137
193.44	9,178	12,346	193.96	9,620	17,233
193.45	9,186	12,437	193.97	9,628	17,329
193.46	9,195	12,529	193.98	9,637	17,426
193.47	9,203	12,621	193.99	9,646	17,522
193.48	9,212	12,713	194.00	9,654	17,619
193.49	9,221	12,806	194.01	9,663	17,715
193.50	9,229	12,898	194.02	9,671	17,812
193.51	9,237	12,990	194.03	9,680	17,909
193.52	9,246	13,083	194.04	9,689	18,005
193.53	9,255	13,175	194.05	9,697	18,102
193.54	9,263	13,268	194.06	9,706	18,199
193.55	9,272	13,360	194.07	9,715	18,296

Stage-Area-Storage for Pond B-13: Basin #13 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	9,723	18,394	194.60	10,175	23,567
194.09	9,732	18,491	194.61	10,183	23,669
194.10	9,741	18,588	194.62	10,192	23,771
194.11	9,749	18,686	194.63	10,201	23,873
194.12	9,758	18,783	194.64	10,210	23,975
194.13	9,767	18,881	194.65	10,218	24,077
194.14	9,776	18,979	194.66	10,227	24,179
194.15	9,784	19,076	194.67	10,236	24,282
194.16	9,793	19,174	194.68	10,244	24,384
194.17	9,802	19,272	194.69	10,253	24,486
194.18	9,810	19,370	194.70	10,262	24,589
194.19	9,819	19,468	194.71	10,270	24,692
194.20	9,828	19,567	194.72	10,279	24,794
194.21	9,836	19,665	194.73	10,288	24,897
194.22	9,845	19,763	194.74	10,296	25,000
194.23	9,854	19,862	194.75	10,305	25,103
194.24	9,862	19,960	194.76	10,314	25,206
194.25	9,871	20,059	194.77	10,322	25,309
194.26	9,880	20,158	194.78	10,331	25,413
194.27	9,888	20,257	194.79	10,340	25,516
194.28	9,897	20,356	194.80	10,348	25,619
194.29	9,906	20,455	194.81	10,357	25,723
194.30	9,914	20,554	194.82	10,366	25,827
194.31	9,923	20,653	194.83	10,374	25,930
194.32	9,932	20,752	194.84	10,383	26,034
194.33	9,940	20,852	194.85	10,392	26,138
194.34	9,949	20,951	194.86	10,400	26,242
194.35	9,958	21,051	194.87	10,409	26,346
194.36	9,966	21,150	194.88	10,418	26,450
194.37	9,975	21,250	194.89	10,427	26,554
194.38	9,984	21,350	194.90	10,435	26,659
194.39	9,993	21,450	194.91	10,444	26,763
194.40	10,001	21,550	194.92	10,453	26,868
194.41	10,010	21,650	194.93	10,461	26,972
194.42	10,019	21,750	194.94	10,470	27,077
194.43	10,027	21,850	194.95	10,479	27,181
194.44	10,036	21,950	194.96	10,487	27,286
194.45	10,045	22,051	194.97	10,496	27,391
194.46	10,053	22,151	194.98	10,505	27,496
194.47	10,062	22,252	194.99	10,513	27,601
194.48	10,071	22,352	195.00	10,522	27,707
194.49	10,079	22,453	195.01	10,522	27,707
194.50	10,088	22,554	195.02	10,522	27,707
194.51	10,097	22,655	195.03	10,522	27,707
194.52	10,105	22,756	195.04	10,522	27,707
194.53	10,114	22,857	195.05	10,522	27,707
194.54	10,123	22,958	195.06	10,522	27,707
194.55	10,131	23,059			
194.56	10,140	23,161			
194.57	10,149	23,262			
194.58	10,157	23,364			
194.59	10,166	23,465			

Summary for Pond B-14: Basin #14

Inflow Area = 2.148 ac, 23.65% Impervious, Inflow Depth = 8.44" for Future 100 yr event
 Inflow = 18.82 cfs @ 12.17 hrs, Volume= 1.512 af
 Outflow = 13.48 cfs @ 12.27 hrs, Volume= 1.371 af, Atten= 28%, Lag= 5.9 min
 Primary = 13.48 cfs @ 12.27 hrs, Volume= 1.371 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.84' @ 12.27 hrs Surf.Area= 8,944 sf Storage= 22,959 cf

Plug-Flow detention time= 250.9 min calculated for 1.369 af (91% of inflow)
 Center-of-Mass det. time= 203.7 min (993.1 - 789.5)

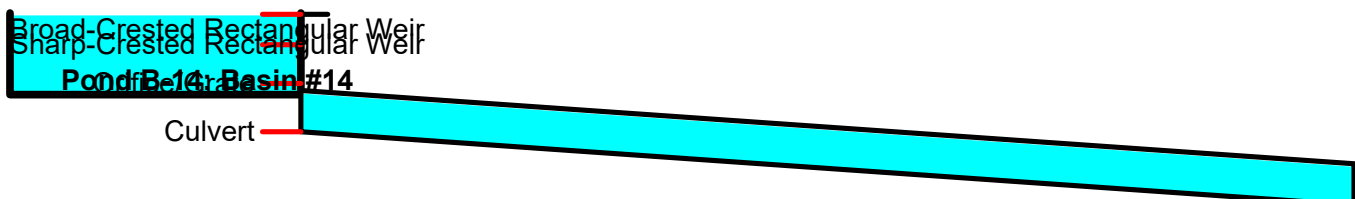
Volume	Invert	Avail.Storage	Storage Description
#1	192.00'	23,910 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
192.00	7,240	0	0
193.00	7,814	7,527	7,527
194.00	8,405	8,110	15,637
194.95	9,012	8,273	23,910

Device	Routing	Invert	Outlet Devices
#1	Primary	190.65'	18.0" Round Culvert L= 194.0' Ke= 0.500 Inlet / Outlet Invert= 190.65' / 188.00' S= 0.0137 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.80'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.90'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

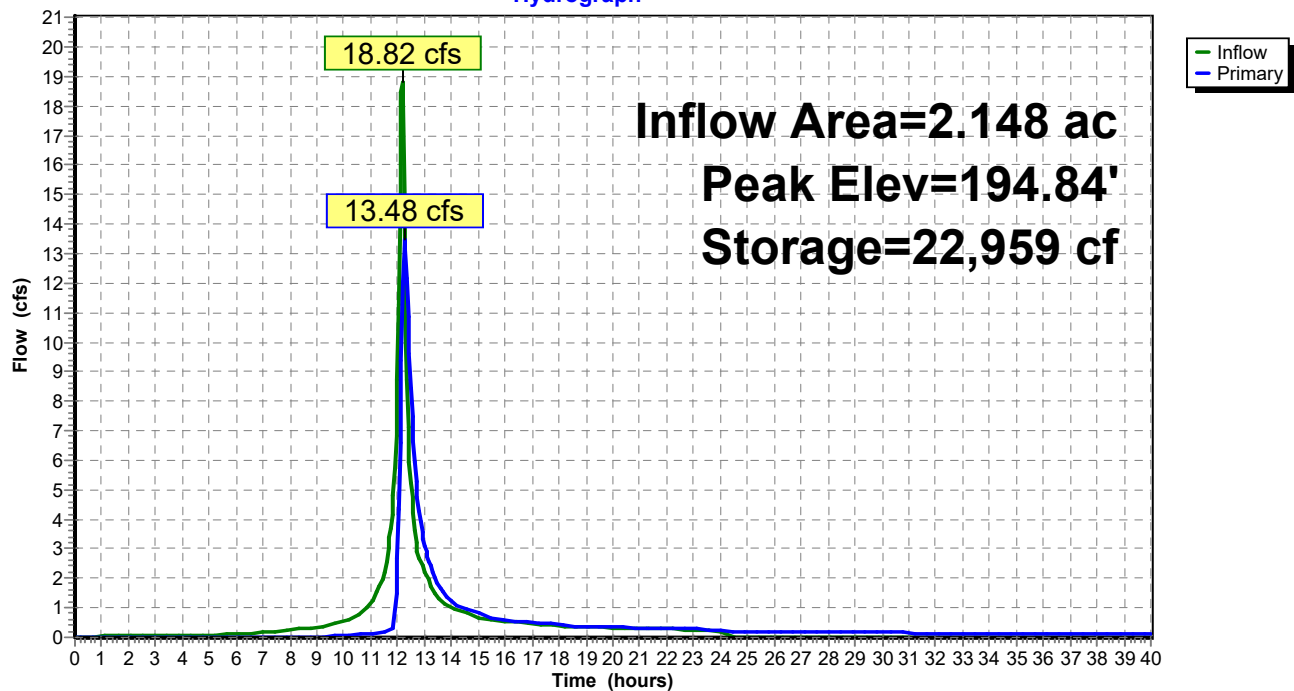
Primary OutFlow Max=13.30 cfs @ 12.27 hrs HW=194.83' (Free Discharge)

1=Culvert (Passes 13.30 cfs of 14.58 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.35 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 13.05 cfs @ 3.33 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-14: Basin #14

Hydrograph



Hydrograph for Pond B-14: Basin #14

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	192.00	0.00
0.10	0.00	0	192.00	0.00
0.20	0.00	0	192.00	0.00
0.30	0.00	0	192.00	0.00
0.40	0.00	0	192.00	0.00
0.50	0.00	0	192.00	0.00
0.60	0.01	2	192.00	0.00
0.70	0.01	6	192.00	0.00
0.80	0.02	11	192.00	0.00
0.90	0.02	18	192.00	0.00
1.00	0.03	26	192.00	0.00
1.10	0.03	36	192.00	0.00
1.20	0.03	47	192.01	0.00
1.30	0.03	59	192.01	0.00
1.40	0.04	72	192.01	0.00
1.50	0.04	86	192.01	0.00
1.60	0.04	100	192.01	0.00
1.70	0.04	116	192.02	0.00
1.80	0.05	132	192.02	0.00
1.90	0.05	149	192.02	0.00
2.00	0.05	167	192.02	0.00
2.10	0.05	185	192.03	0.00
2.20	0.05	203	192.03	0.00
2.30	0.05	223	192.03	0.00
2.40	0.06	242	192.03	0.00
2.50	0.06	263	192.04	0.00
2.60	0.06	283	192.04	0.00
2.70	0.06	304	192.04	0.00
2.80	0.06	326	192.04	0.00
2.90	0.06	348	192.05	0.00
3.00	0.06	370	192.05	0.00
3.10	0.06	393	192.05	0.00
3.20	0.06	416	192.06	0.00
3.30	0.07	440	192.06	0.00
3.40	0.07	464	192.06	0.00
3.50	0.07	488	192.07	0.00
3.60	0.07	512	192.07	0.00
3.70	0.07	537	192.07	0.00
3.80	0.07	562	192.08	0.00
3.90	0.07	588	192.08	0.00
4.00	0.07	614	192.08	0.00
4.10	0.07	640	192.09	0.00
4.20	0.07	666	192.09	0.00
4.30	0.07	693	192.10	0.00
4.40	0.08	720	192.10	0.00
4.50	0.08	747	192.10	0.00
4.60	0.08	775	192.11	0.00
4.70	0.08	802	192.11	0.00
4.80	0.08	830	192.11	0.00
4.90	0.08	859	192.12	0.00
5.00	0.08	887	192.12	0.00
5.10	0.08	916	192.13	0.00

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	946	192.13	0.00
5.30	0.09	976	192.13	0.00
5.40	0.09	1,007	192.14	0.00
5.50	0.09	1,040	192.14	0.00
5.60	0.10	1,074	192.15	0.00
5.70	0.10	1,109	192.15	0.00
5.80	0.10	1,145	192.16	0.00
5.90	0.11	1,183	192.16	0.00
6.00	0.11	1,222	192.17	0.00
6.10	0.11	1,262	192.17	0.00
6.20	0.12	1,303	192.18	0.00
6.30	0.12	1,347	192.18	0.00
6.40	0.13	1,393	192.19	0.00
6.50	0.14	1,441	192.20	0.00
6.60	0.14	1,491	192.20	0.00
6.70	0.15	1,543	192.21	0.00
6.80	0.16	1,598	192.22	0.00
6.90	0.16	1,655	192.23	0.00
7.00	0.17	1,714	192.23	0.00
7.10	0.18	1,776	192.24	0.00
7.20	0.18	1,841	192.25	0.00
7.30	0.19	1,908	192.26	0.00
7.40	0.20	1,978	192.27	0.00
7.50	0.20	2,050	192.28	0.00
7.60	0.21	2,125	192.29	0.00
7.70	0.22	2,203	192.30	0.00
7.80	0.23	2,284	192.31	0.00
7.90	0.24	2,367	192.32	0.00
8.00	0.24	2,454	192.33	0.00
8.10	0.25	2,544	192.35	0.00
8.20	0.26	2,636	192.36	0.00
8.30	0.27	2,732	192.37	0.00
8.40	0.28	2,831	192.39	0.00
8.50	0.29	2,932	192.40	0.00
8.60	0.30	3,037	192.41	0.00
8.70	0.31	3,145	192.43	0.00
8.80	0.31	3,256	192.44	0.00
8.90	0.32	3,369	192.46	0.01
9.00	0.33	3,484	192.47	0.01
9.10	0.35	3,602	192.49	0.01
9.20	0.37	3,724	192.50	0.02
9.30	0.39	3,852	192.52	0.02
9.40	0.41	3,987	192.54	0.03
9.50	0.44	4,128	192.56	0.04
9.60	0.47	4,276	192.58	0.04
9.70	0.49	4,432	192.60	0.05
9.80	0.52	4,594	192.62	0.06
9.90	0.55	4,765	192.64	0.06
10.00	0.58	4,944	192.67	0.07
10.10	0.60	5,132	192.69	0.07
10.20	0.63	5,329	192.72	0.08
10.30	0.67	5,535	192.74	0.08

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.70	5,750	192.77	0.08
10.50	0.73	5,975	192.80	0.09
10.60	0.78	6,212	192.83	0.09
10.70	0.86	6,471	192.86	0.10
10.80	0.96	6,761	192.90	0.10
10.90	1.06	7,086	192.94	0.11
11.00	1.17	7,448	192.99	0.11
11.10	1.30	7,848	193.04	0.12
11.20	1.48	8,303	193.10	0.13
11.30	1.68	8,825	193.17	0.13
11.40	1.89	9,418	193.24	0.14
11.50	2.10	10,085	193.32	0.15
11.60	2.56	10,853	193.42	0.16
11.70	3.40	11,874	193.55	0.17
11.80	4.16	13,159	193.70	0.18
11.90	5.67	14,802	193.90	0.61
12.00	8.70	16,765	194.13	2.69
12.10	14.93	19,308	194.43	6.56
12.20	18.17	22,249	194.76	12.04
12.30	11.03	22,816	194.83	13.18
12.40	7.10	21,660	194.70	10.88
12.50	5.22	20,374	194.55	8.45
12.60	4.23	19,373	194.44	6.67
12.70	3.19	18,547	194.34	5.30
12.80	2.75	17,894	194.27	4.28
12.90	2.48	17,423	194.21	3.59
13.00	2.23	17,071	194.17	3.10
13.10	2.00	16,788	194.14	2.72
13.20	1.79	16,547	194.11	2.41
13.30	1.64	16,343	194.08	2.16
13.40	1.51	16,171	194.06	1.95
13.50	1.38	16,021	194.05	1.78
13.60	1.26	15,884	194.03	1.62
13.70	1.15	15,756	194.01	1.49
13.80	1.10	15,647	194.00	1.37
13.90	1.06	15,559	193.99	1.28
14.00	1.03	15,487	193.98	1.21
14.10	0.99	15,427	193.98	1.15
14.20	0.96	15,374	193.97	1.10
14.30	0.93	15,327	193.96	1.06
14.40	0.89	15,283	193.96	1.01
14.50	0.86	15,241	193.95	0.97
14.60	0.83	15,201	193.95	0.94
14.70	0.80	15,163	193.94	0.90
14.80	0.76	15,124	193.94	0.87
14.90	0.73	15,085	193.93	0.84
15.00	0.70	15,046	193.93	0.80
15.10	0.66	15,007	193.92	0.77
15.20	0.64	14,968	193.92	0.74
15.30	0.62	14,934	193.92	0.71
15.40	0.61	14,904	193.91	0.69
15.50	0.60	14,878	193.91	0.67

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.59	14,856	193.91	0.65
15.70	0.59	14,836	193.90	0.64
15.80	0.58	14,819	193.90	0.62
15.90	0.57	14,802	193.90	0.61
16.00	0.56	14,787	193.90	0.60
16.10	0.55	14,772	193.90	0.59
16.20	0.54	14,759	193.90	0.58
16.30	0.53	14,746	193.89	0.57
16.40	0.52	14,733	193.89	0.56
16.50	0.51	14,720	193.89	0.55
16.60	0.51	14,708	193.89	0.54
16.70	0.50	14,696	193.89	0.53
16.80	0.49	14,683	193.89	0.52
16.90	0.48	14,671	193.88	0.51
17.00	0.47	14,658	193.88	0.51
17.10	0.46	14,645	193.88	0.50
17.20	0.45	14,631	193.88	0.49
17.30	0.44	14,618	193.88	0.48
17.40	0.43	14,604	193.88	0.47
17.50	0.43	14,591	193.88	0.46
17.60	0.42	14,577	193.87	0.46
17.70	0.41	14,564	193.87	0.45
17.80	0.40	14,550	193.87	0.44
17.90	0.39	14,536	193.87	0.43
18.00	0.38	14,523	193.87	0.42
18.10	0.37	14,509	193.87	0.41
18.20	0.37	14,495	193.86	0.40
18.30	0.36	14,483	193.86	0.39
18.40	0.36	14,472	193.86	0.39
18.50	0.36	14,462	193.86	0.38
18.60	0.35	14,454	193.86	0.38
18.70	0.35	14,447	193.86	0.37
18.80	0.35	14,440	193.86	0.37
18.90	0.35	14,433	193.86	0.37
19.00	0.35	14,427	193.86	0.36
19.10	0.34	14,421	193.85	0.36
19.20	0.34	14,416	193.85	0.36
19.30	0.34	14,410	193.85	0.35
19.40	0.34	14,405	193.85	0.35
19.50	0.33	14,400	193.85	0.35
19.60	0.33	14,395	193.85	0.35
19.70	0.33	14,390	193.85	0.34
19.80	0.33	14,385	193.85	0.34
19.90	0.33	14,380	193.85	0.34
20.00	0.32	14,376	193.85	0.34
20.10	0.32	14,371	193.85	0.33
20.20	0.32	14,367	193.85	0.33
20.30	0.32	14,362	193.85	0.33
20.40	0.31	14,357	193.85	0.33
20.50	0.31	14,353	193.85	0.33
20.60	0.31	14,348	193.85	0.32
20.70	0.31	14,344	193.85	0.32

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.31	14,339	193.84	0.32
20.90	0.30	14,335	193.84	0.32
21.00	0.30	14,330	193.84	0.31
21.10	0.30	14,326	193.84	0.31
21.20	0.30	14,321	193.84	0.31
21.30	0.30	14,316	193.84	0.31
21.40	0.29	14,312	193.84	0.31
21.50	0.29	14,308	193.84	0.30
21.60	0.29	14,303	193.84	0.30
21.70	0.29	14,299	193.84	0.30
21.80	0.28	14,294	193.84	0.30
21.90	0.28	14,290	193.84	0.29
22.00	0.28	14,286	193.84	0.29
22.10	0.28	14,281	193.84	0.29
22.20	0.28	14,276	193.84	0.29
22.30	0.27	14,272	193.84	0.29
22.40	0.27	14,268	193.84	0.28
22.50	0.27	14,263	193.84	0.28
22.60	0.27	14,259	193.84	0.28
22.70	0.26	14,254	193.83	0.28
22.80	0.26	14,250	193.83	0.27
22.90	0.26	14,245	193.83	0.27
23.00	0.26	14,241	193.83	0.27
23.10	0.26	14,236	193.83	0.27
23.20	0.25	14,232	193.83	0.27
23.30	0.25	14,227	193.83	0.26
23.40	0.25	14,223	193.83	0.26
23.50	0.25	14,218	193.83	0.26
23.60	0.24	14,214	193.83	0.26
23.70	0.24	14,209	193.83	0.25
23.80	0.24	14,205	193.83	0.25
23.90	0.24	14,200	193.83	0.25
24.00	0.25	14,196	193.83	0.25
24.10	0.21	14,194	193.83	0.25
24.20	0.06	14,152	193.82	0.24
24.30	0.01	14,082	193.81	0.22
24.40	0.00	14,010	193.81	0.20
24.50	0.00	13,941	193.80	0.19
24.60	0.00	13,874	193.79	0.19
24.70	0.00	13,807	193.78	0.19
24.80	0.00	13,741	193.77	0.18
24.90	0.00	13,674	193.76	0.18
25.00	0.00	13,608	193.76	0.18
25.10	0.00	13,542	193.75	0.18
25.20	0.00	13,476	193.74	0.18
25.30	0.00	13,411	193.73	0.18
25.40	0.00	13,345	193.72	0.18
25.50	0.00	13,280	193.72	0.18
25.60	0.00	13,215	193.71	0.18
25.70	0.00	13,150	193.70	0.18
25.80	0.00	13,086	193.69	0.18
25.90	0.00	13,022	193.69	0.18

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,957	193.68	0.18
26.10	0.00	12,894	193.67	0.18
26.20	0.00	12,830	193.66	0.18
26.30	0.00	12,766	193.65	0.18
26.40	0.00	12,703	193.65	0.18
26.50	0.00	12,640	193.64	0.17
26.60	0.00	12,577	193.63	0.17
26.70	0.00	12,515	193.62	0.17
26.80	0.00	12,452	193.62	0.17
26.90	0.00	12,390	193.61	0.17
27.00	0.00	12,328	193.60	0.17
27.10	0.00	12,266	193.59	0.17
27.20	0.00	12,205	193.59	0.17
27.30	0.00	12,143	193.58	0.17
27.40	0.00	12,082	193.57	0.17
27.50	0.00	12,021	193.56	0.17
27.60	0.00	11,961	193.56	0.17
27.70	0.00	11,900	193.55	0.17
27.80	0.00	11,840	193.54	0.17
27.90	0.00	11,780	193.53	0.17
28.00	0.00	11,720	193.53	0.17
28.10	0.00	11,660	193.52	0.17
28.20	0.00	11,601	193.51	0.16
28.30	0.00	11,542	193.50	0.16
28.40	0.00	11,483	193.50	0.16
28.50	0.00	11,424	193.49	0.16
28.60	0.00	11,365	193.48	0.16
28.70	0.00	11,307	193.48	0.16
28.80	0.00	11,249	193.47	0.16
28.90	0.00	11,191	193.46	0.16
29.00	0.00	11,133	193.45	0.16
29.10	0.00	11,076	193.45	0.16
29.20	0.00	11,019	193.44	0.16
29.30	0.00	10,962	193.43	0.16
29.40	0.00	10,905	193.43	0.16
29.50	0.00	10,848	193.42	0.16
29.60	0.00	10,792	193.41	0.16
29.70	0.00	10,736	193.40	0.16
29.80	0.00	10,680	193.40	0.16
29.90	0.00	10,624	193.39	0.15
30.00	0.00	10,568	193.38	0.15
30.10	0.00	10,513	193.38	0.15
30.20	0.00	10,458	193.37	0.15
30.30	0.00	10,403	193.36	0.15
30.40	0.00	10,349	193.36	0.15
30.50	0.00	10,294	193.35	0.15
30.60	0.00	10,240	193.34	0.15
30.70	0.00	10,186	193.34	0.15
30.80	0.00	10,132	193.33	0.15
30.90	0.00	10,079	193.32	0.15
31.00	0.00	10,025	193.32	0.15
31.10	0.00	9,972	193.31	0.15

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,919	193.30	0.15
31.30	0.00	9,866	193.30	0.15
31.40	0.00	9,814	193.29	0.15
31.50	0.00	9,762	193.28	0.14
31.60	0.00	9,710	193.28	0.14
31.70	0.00	9,658	193.27	0.14
31.80	0.00	9,606	193.26	0.14
31.90	0.00	9,555	193.26	0.14
32.00	0.00	9,504	193.25	0.14
32.10	0.00	9,453	193.24	0.14
32.20	0.00	9,402	193.24	0.14
32.30	0.00	9,352	193.23	0.14
32.40	0.00	9,301	193.23	0.14
32.50	0.00	9,251	193.22	0.14
32.60	0.00	9,201	193.21	0.14
32.70	0.00	9,152	193.21	0.14
32.80	0.00	9,102	193.20	0.14
32.90	0.00	9,053	193.19	0.14
33.00	0.00	9,004	193.19	0.14
33.10	0.00	8,956	193.18	0.14
33.20	0.00	8,907	193.18	0.13
33.30	0.00	8,859	193.17	0.13
33.40	0.00	8,811	193.16	0.13
33.50	0.00	8,763	193.16	0.13
33.60	0.00	8,715	193.15	0.13
33.70	0.00	8,668	193.15	0.13
33.80	0.00	8,621	193.14	0.13
33.90	0.00	8,574	193.13	0.13
34.00	0.00	8,527	193.13	0.13
34.10	0.00	8,480	193.12	0.13
34.20	0.00	8,434	193.12	0.13
34.30	0.00	8,388	193.11	0.13
34.40	0.00	8,342	193.10	0.13
34.50	0.00	8,296	193.10	0.13
34.60	0.00	8,251	193.09	0.13
34.70	0.00	8,206	193.09	0.13
34.80	0.00	8,161	193.08	0.12
34.90	0.00	8,116	193.08	0.12
35.00	0.00	8,071	193.07	0.12
35.10	0.00	8,027	193.06	0.12
35.20	0.00	7,983	193.06	0.12
35.30	0.00	7,939	193.05	0.12
35.40	0.00	7,896	193.05	0.12
35.50	0.00	7,852	193.04	0.12
35.60	0.00	7,809	193.04	0.12
35.70	0.00	7,766	193.03	0.12
35.80	0.00	7,723	193.03	0.12
35.90	0.00	7,681	193.02	0.12
36.00	0.00	7,638	193.01	0.12
36.10	0.00	7,596	193.01	0.12
36.20	0.00	7,554	193.00	0.12
36.30	0.00	7,513	193.00	0.12

Hydrograph for Pond B-14: Basin #14 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,471	192.99	0.11
36.50	0.00	7,430	192.99	0.11
36.60	0.00	7,389	192.98	0.11
36.70	0.00	7,348	192.98	0.11
36.80	0.00	7,308	192.97	0.11
36.90	0.00	7,268	192.97	0.11
37.00	0.00	7,228	192.96	0.11
37.10	0.00	7,188	192.96	0.11
37.20	0.00	7,148	192.95	0.11
37.30	0.00	7,109	192.95	0.11
37.40	0.00	7,069	192.94	0.11
37.50	0.00	7,031	192.94	0.11
37.60	0.00	6,992	192.93	0.11
37.70	0.00	6,953	192.93	0.11
37.80	0.00	6,915	192.92	0.11
37.90	0.00	6,877	192.92	0.11
38.00	0.00	6,839	192.91	0.10
38.10	0.00	6,802	192.91	0.10
38.20	0.00	6,764	192.90	0.10
38.30	0.00	6,727	192.90	0.10
38.40	0.00	6,690	192.89	0.10
38.50	0.00	6,653	192.89	0.10
38.60	0.00	6,617	192.88	0.10
38.70	0.00	6,581	192.88	0.10
38.80	0.00	6,545	192.87	0.10
38.90	0.00	6,509	192.87	0.10
39.00	0.00	6,473	192.86	0.10
39.10	0.00	6,438	192.86	0.10
39.20	0.00	6,403	192.86	0.10
39.30	0.00	6,368	192.85	0.10
39.40	0.00	6,333	192.85	0.10
39.50	0.00	6,299	192.84	0.10
39.60	0.00	6,265	192.84	0.09
39.70	0.00	6,231	192.83	0.09
39.80	0.00	6,197	192.83	0.09
39.90	0.00	6,163	192.82	0.09
40.00	0.00	6,130	192.82	0.09

Stage-Discharge for Pond B-14: Basin #14

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.00	0.00	192.52	0.02	193.04	0.12	193.56	0.17
192.01	0.00	192.53	0.03	193.05	0.12	193.57	0.17
192.02	0.00	192.54	0.03	193.06	0.12	193.58	0.17
192.03	0.00	192.55	0.03	193.07	0.12	193.59	0.17
192.04	0.00	192.56	0.04	193.08	0.12	193.60	0.17
192.05	0.00	192.57	0.04	193.09	0.13	193.61	0.17
192.06	0.00	192.58	0.05	193.10	0.13	193.62	0.17
192.07	0.00	192.59	0.05	193.11	0.13	193.63	0.17
192.08	0.00	192.60	0.05	193.12	0.13	193.64	0.17
192.09	0.00	192.61	0.05	193.13	0.13	193.65	0.18
192.10	0.00	192.62	0.06	193.14	0.13	193.66	0.18
192.11	0.00	192.63	0.06	193.15	0.13	193.67	0.18
192.12	0.00	192.64	0.06	193.16	0.13	193.68	0.18
192.13	0.00	192.65	0.06	193.17	0.13	193.69	0.18
192.14	0.00	192.66	0.06	193.18	0.13	193.70	0.18
192.15	0.00	192.67	0.07	193.19	0.14	193.71	0.18
192.16	0.00	192.68	0.07	193.20	0.14	193.72	0.18
192.17	0.00	192.69	0.07	193.21	0.14	193.73	0.18
192.18	0.00	192.70	0.07	193.22	0.14	193.74	0.18
192.19	0.00	192.71	0.07	193.23	0.14	193.75	0.18
192.20	0.00	192.72	0.08	193.24	0.14	193.76	0.18
192.21	0.00	192.73	0.08	193.25	0.14	193.77	0.18
192.22	0.00	192.74	0.08	193.26	0.14	193.78	0.19
192.23	0.00	192.75	0.08	193.27	0.14	193.79	0.19
192.24	0.00	192.76	0.08	193.28	0.14	193.80	0.19
192.25	0.00	192.77	0.08	193.29	0.15	193.81	0.20
192.26	0.00	192.78	0.09	193.30	0.15	193.82	0.23
192.27	0.00	192.79	0.09	193.31	0.15	193.83	0.26
192.28	0.00	192.80	0.09	193.32	0.15	193.84	0.29
192.29	0.00	192.81	0.09	193.33	0.15	193.85	0.34
192.30	0.00	192.82	0.09	193.34	0.15	193.86	0.38
192.31	0.00	192.83	0.09	193.35	0.15	193.87	0.43
192.32	0.00	192.84	0.10	193.36	0.15	193.88	0.49
192.33	0.00	192.85	0.10	193.37	0.15	193.89	0.54
192.34	0.00	192.86	0.10	193.38	0.15	193.90	0.61
192.35	0.00	192.87	0.10	193.39	0.15	193.91	0.67
192.36	0.00	192.88	0.10	193.40	0.16	193.92	0.74
192.37	0.00	192.89	0.10	193.41	0.16	193.93	0.81
192.38	0.00	192.90	0.10	193.42	0.16	193.94	0.88
192.39	0.00	192.91	0.10	193.43	0.16	193.95	0.95
192.40	0.00	192.92	0.11	193.44	0.16	193.96	1.03
192.41	0.00	192.93	0.11	193.45	0.16	193.97	1.11
192.42	0.00	192.94	0.11	193.46	0.16	193.98	1.19
192.43	0.00	192.95	0.11	193.47	0.16	193.99	1.27
192.44	0.00	192.96	0.11	193.48	0.16	194.00	1.36
192.45	0.00	192.97	0.11	193.49	0.16	194.01	1.45
192.46	0.01	192.98	0.11	193.50	0.16	194.02	1.54
192.47	0.01	192.99	0.11	193.51	0.16	194.03	1.63
192.48	0.01	193.00	0.12	193.52	0.17	194.04	1.72
192.49	0.01	193.01	0.12	193.53	0.17	194.05	1.82
192.50	0.02	193.02	0.12	193.54	0.17	194.06	1.92
192.51	0.02	193.03	0.12	193.55	0.17	194.07	2.02

Stage-Discharge for Pond B-14: Basin #14 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.08	2.12	194.60	9.22
194.09	2.22	194.61	9.39
194.10	2.32	194.62	9.55
194.11	2.43	194.63	9.72
194.12	2.54	194.64	9.89
194.13	2.65	194.65	10.06
194.14	2.76	194.66	10.22
194.15	2.87	194.67	10.39
194.16	2.99	194.68	10.56
194.17	3.10	194.69	10.74
194.18	3.22	194.70	10.91
194.19	3.34	194.71	11.08
194.20	3.46	194.72	11.26
194.21	3.58	194.73	11.43
194.22	3.70	194.74	11.61
194.23	3.82	194.75	11.78
194.24	3.95	194.76	11.96
194.25	4.08	194.77	12.14
194.26	4.20	194.78	12.32
194.27	4.33	194.79	12.49
194.28	4.46	194.80	12.67
194.29	4.60	194.81	12.86
194.30	4.73	194.82	13.04
194.31	4.86	194.83	13.22
194.32	5.00	194.84	13.40
194.33	5.13	194.85	13.59
194.34	5.27	194.86	13.77
194.35	5.41	194.87	13.96
194.36	5.55	194.88	14.14
194.37	5.69	194.89	14.33
194.38	5.83	194.90	14.51
194.39	5.98	194.91	14.80
194.40	6.12	194.92	15.03
194.41	6.27	194.93	15.32
194.42	6.41	194.94	15.66
194.43	6.56	194.95	16.05
194.44	6.71		
194.45	6.86		
194.46	7.01		
194.47	7.16		
194.48	7.32		
194.49	7.47		
194.50	7.62		
194.51	7.78		
194.52	7.94		
194.53	8.09		
194.54	8.25		
194.55	8.41		
194.56	8.57		
194.57	8.73		
194.58	8.90		
194.59	9.06		

Stage-Area-Storage for Pond B-14: Basin #14

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.00	7,240	0	192.52	7,538	3,842
192.01	7,246	72	192.53	7,544	3,918
192.02	7,251	145	192.54	7,550	3,993
192.03	7,257	217	192.55	7,556	4,069
192.04	7,263	290	192.56	7,561	4,144
192.05	7,269	363	192.57	7,567	4,220
192.06	7,274	435	192.58	7,573	4,296
192.07	7,280	508	192.59	7,579	4,372
192.08	7,286	581	192.60	7,584	4,447
192.09	7,292	654	192.61	7,590	4,523
192.10	7,297	727	192.62	7,596	4,599
192.11	7,303	800	192.63	7,602	4,675
192.12	7,309	873	192.64	7,607	4,751
192.13	7,315	946	192.65	7,613	4,827
192.14	7,320	1,019	192.66	7,619	4,903
192.15	7,326	1,092	192.67	7,625	4,980
192.16	7,332	1,166	192.68	7,630	5,056
192.17	7,338	1,239	192.69	7,636	5,132
192.18	7,343	1,312	192.70	7,642	5,209
192.19	7,349	1,386	192.71	7,648	5,285
192.20	7,355	1,459	192.72	7,653	5,362
192.21	7,361	1,533	192.73	7,659	5,438
192.22	7,366	1,607	192.74	7,665	5,515
192.23	7,372	1,680	192.75	7,671	5,591
192.24	7,378	1,754	192.76	7,676	5,668
192.25	7,384	1,828	192.77	7,682	5,745
192.26	7,389	1,902	192.78	7,688	5,822
192.27	7,395	1,976	192.79	7,693	5,899
192.28	7,401	2,050	192.80	7,699	5,976
192.29	7,406	2,124	192.81	7,705	6,053
192.30	7,412	2,198	192.82	7,711	6,130
192.31	7,418	2,272	192.83	7,716	6,207
192.32	7,424	2,346	192.84	7,722	6,284
192.33	7,429	2,420	192.85	7,728	6,361
192.34	7,435	2,495	192.86	7,734	6,439
192.35	7,441	2,569	192.87	7,739	6,516
192.36	7,447	2,644	192.88	7,745	6,593
192.37	7,452	2,718	192.89	7,751	6,671
192.38	7,458	2,793	192.90	7,757	6,748
192.39	7,464	2,867	192.91	7,762	6,826
192.40	7,470	2,942	192.92	7,768	6,904
192.41	7,475	3,017	192.93	7,774	6,981
192.42	7,481	3,091	192.94	7,780	7,059
192.43	7,487	3,166	192.95	7,785	7,137
192.44	7,493	3,241	192.96	7,791	7,215
192.45	7,498	3,316	192.97	7,797	7,293
192.46	7,504	3,391	192.98	7,803	7,371
192.47	7,510	3,466	192.99	7,808	7,449
192.48	7,516	3,541	193.00	7,814	7,527
192.49	7,521	3,617	193.01	7,820	7,605
192.50	7,527	3,692	193.02	7,826	7,683
192.51	7,533	3,767	193.03	7,832	7,762

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.04	7,838	7,840	193.56	8,145	11,996
193.05	7,844	7,918	193.57	8,151	12,077
193.06	7,849	7,997	193.58	8,157	12,159
193.07	7,855	8,075	193.59	8,163	12,240
193.08	7,861	8,154	193.60	8,169	12,322
193.09	7,867	8,233	193.61	8,175	12,403
193.10	7,873	8,311	193.62	8,180	12,485
193.11	7,879	8,390	193.63	8,186	12,567
193.12	7,885	8,469	193.64	8,192	12,649
193.13	7,891	8,548	193.65	8,198	12,731
193.14	7,897	8,627	193.66	8,204	12,813
193.15	7,903	8,706	193.67	8,210	12,895
193.16	7,909	8,785	193.68	8,216	12,977
193.17	7,914	8,864	193.69	8,222	13,059
193.18	7,920	8,943	193.70	8,228	13,142
193.19	7,926	9,022	193.71	8,234	13,224
193.20	7,932	9,102	193.72	8,240	13,306
193.21	7,938	9,181	193.73	8,245	13,389
193.22	7,944	9,260	193.74	8,251	13,471
193.23	7,950	9,340	193.75	8,257	13,554
193.24	7,956	9,419	193.76	8,263	13,636
193.25	7,962	9,499	193.77	8,269	13,719
193.26	7,968	9,579	193.78	8,275	13,802
193.27	7,974	9,658	193.79	8,281	13,884
193.28	7,979	9,738	193.80	8,287	13,967
193.29	7,985	9,818	193.81	8,293	14,050
193.30	7,991	9,898	193.82	8,299	14,133
193.31	7,997	9,978	193.83	8,305	14,216
193.32	8,003	10,058	193.84	8,310	14,299
193.33	8,009	10,138	193.85	8,316	14,382
193.34	8,015	10,218	193.86	8,322	14,466
193.35	8,021	10,298	193.87	8,328	14,549
193.36	8,027	10,378	193.88	8,334	14,632
193.37	8,033	10,459	193.89	8,340	14,716
193.38	8,039	10,539	193.90	8,346	14,799
193.39	8,044	10,619	193.91	8,352	14,882
193.40	8,050	10,700	193.92	8,358	14,966
193.41	8,056	10,780	193.93	8,364	15,050
193.42	8,062	10,861	193.94	8,370	15,133
193.43	8,068	10,942	193.95	8,375	15,217
193.44	8,074	11,022	193.96	8,381	15,301
193.45	8,080	11,103	193.97	8,387	15,385
193.46	8,086	11,184	193.98	8,393	15,469
193.47	8,092	11,265	193.99	8,399	15,552
193.48	8,098	11,346	194.00	8,405	15,637
193.49	8,104	11,427	194.01	8,411	15,721
193.50	8,110	11,508	194.02	8,418	15,805
193.51	8,115	11,589	194.03	8,424	15,889
193.52	8,121	11,670	194.04	8,431	15,973
193.53	8,127	11,751	194.05	8,437	16,058
193.54	8,133	11,833	194.06	8,443	16,142
193.55	8,139	11,914	194.07	8,450	16,226

Stage-Area-Storage for Pond B-14: Basin #14 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.08	8,456	16,311	194.60	8,788	20,795
194.09	8,463	16,396	194.61	8,795	20,882
194.10	8,469	16,480	194.62	8,801	20,970
194.11	8,475	16,565	194.63	8,808	21,058
194.12	8,482	16,650	194.64	8,814	21,147
194.13	8,488	16,735	194.65	8,820	21,235
194.14	8,494	16,819	194.66	8,827	21,323
194.15	8,501	16,904	194.67	8,833	21,411
194.16	8,507	16,989	194.68	8,839	21,500
194.17	8,514	17,075	194.69	8,846	21,588
194.18	8,520	17,160	194.70	8,852	21,677
194.19	8,526	17,245	194.71	8,859	21,765
194.20	8,533	17,330	194.72	8,865	21,854
194.21	8,539	17,416	194.73	8,871	21,942
194.22	8,546	17,501	194.74	8,878	22,031
194.23	8,552	17,587	194.75	8,884	22,120
194.24	8,558	17,672	194.76	8,891	22,209
194.25	8,565	17,758	194.77	8,897	22,298
194.26	8,571	17,843	194.78	8,903	22,387
194.27	8,578	17,929	194.79	8,910	22,476
194.28	8,584	18,015	194.80	8,916	22,565
194.29	8,590	18,101	194.81	8,923	22,654
194.30	8,597	18,187	194.82	8,929	22,743
194.31	8,603	18,273	194.83	8,935	22,833
194.32	8,609	18,359	194.84	8,942	22,922
194.33	8,616	18,445	194.85	8,948	23,012
194.34	8,622	18,531	194.86	8,954	23,101
194.35	8,629	18,617	194.87	8,961	23,191
194.36	8,635	18,704	194.88	8,967	23,280
194.37	8,641	18,790	194.89	8,974	23,370
194.38	8,648	18,877	194.90	8,980	23,460
194.39	8,654	18,963	194.91	8,986	23,550
194.40	8,661	19,050	194.92	8,993	23,640
194.41	8,667	19,136	194.93	8,999	23,729
194.42	8,673	19,223	194.94	9,006	23,819
194.43	8,680	19,310	194.95	9,012	23,910
194.44	8,686	19,397			
194.45	8,693	19,483			
194.46	8,699	19,570			
194.47	8,705	19,657			
194.48	8,712	19,745			
194.49	8,718	19,832			
194.50	8,724	19,919			
194.51	8,731	20,006			
194.52	8,737	20,093			
194.53	8,744	20,181			
194.54	8,750	20,268			
194.55	8,756	20,356			
194.56	8,763	20,443			
194.57	8,769	20,531			
194.58	8,776	20,619			
194.59	8,782	20,707			

Summary for Pond B-15: Basin #15

Inflow Area = 2.365 ac, 58.73% Impervious, Inflow Depth = 9.53" for Future 100 yr event
 Inflow = 22.17 cfs @ 12.17 hrs, Volume= 1.877 af
 Outflow = 25.45 cfs @ 12.16 hrs, Volume= 1.647 af, Atten= 0%, Lag= 0.0 min
 Primary = 25.45 cfs @ 12.16 hrs, Volume= 1.647 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 200.15' @ 12.16 hrs Surf.Area= 5,559 sf Storage= 17,418 cf

Plug-Flow detention time= 151.8 min calculated for 1.647 af (88% of inflow)
 Center-of-Mass det. time= 91.6 min (856.3 - 764.6)

Volume	Invert	Avail.Storage	Storage Description
#1	196.00'	17,418 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
196.00	3,221	0	0
197.00	3,765	3,493	3,493
198.00	4,333	4,049	7,542
199.00	4,930	4,632	12,174
200.00	5,559	5,245	17,418

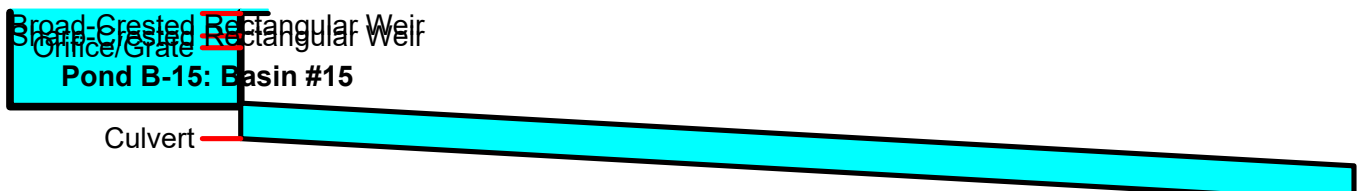
Device	Routing	Invert	Outlet Devices
#1	Primary	194.65'	18.0" Round Culvert L= 203.0' Ke= 0.500 Inlet / Outlet Invert= 194.65' / 192.00' S= 0.0131 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	198.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	199.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	199.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=24.13 cfs @ 12.16 hrs HW=200.13' (Free Discharge)

- 1=Culvert (Passes 15.05 cfs of 15.99 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.95 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 14.84 cfs @ 3.48 fps)
- 4=Broad-Crested Rectangular Weir (Weir Controls 9.09 cfs @ 0.99 fps)

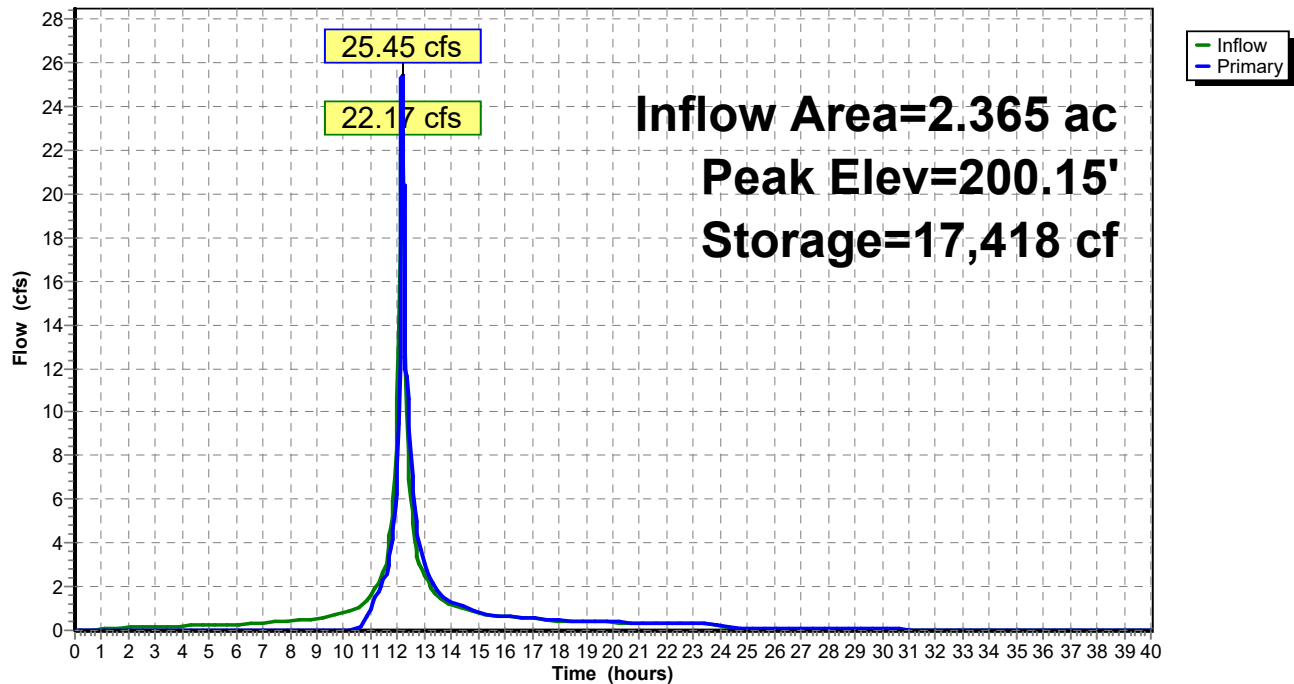
Broad-Crested Rectangular Weir
 Orifice/Grate
Pond B-15: Basin #15

Culvert



Pond B-15: Basin #15

Hydrograph



Hydrograph for Pond B-15: Basin #15

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	196.00	0.00
0.10	0.00	0	196.00	0.00
0.20	0.00	0	196.00	0.00
0.30	0.00	0	196.00	0.00
0.40	0.00	0	196.00	0.00
0.50	0.01	1	196.00	0.00
0.60	0.02	6	196.00	0.00
0.70	0.03	15	196.00	0.00
0.80	0.05	30	196.01	0.00
0.90	0.06	49	196.02	0.00
1.00	0.07	72	196.02	0.00
1.10	0.08	98	196.03	0.00
1.20	0.09	128	196.04	0.00
1.30	0.09	161	196.05	0.00
1.40	0.10	197	196.06	0.00
1.50	0.11	234	196.07	0.00
1.60	0.12	275	196.08	0.00
1.70	0.12	317	196.10	0.00
1.80	0.13	361	196.11	0.00
1.90	0.13	408	196.13	0.00
2.00	0.14	456	196.14	0.00
2.10	0.14	505	196.15	0.00
2.20	0.14	556	196.17	0.00
2.30	0.15	609	196.19	0.00
2.40	0.15	663	196.20	0.00
2.50	0.16	718	196.22	0.00
2.60	0.16	775	196.24	0.00
2.70	0.16	832	196.25	0.00
2.80	0.17	891	196.27	0.00
2.90	0.17	952	196.29	0.00
3.00	0.17	1,013	196.31	0.00
3.10	0.17	1,075	196.32	0.00
3.20	0.18	1,138	196.34	0.00
3.30	0.18	1,202	196.36	0.00
3.40	0.18	1,267	196.38	0.00
3.50	0.19	1,334	196.40	0.00
3.60	0.19	1,401	196.42	0.00
3.70	0.19	1,469	196.44	0.00
3.80	0.19	1,538	196.46	0.00
3.90	0.19	1,607	196.48	0.00
4.00	0.20	1,678	196.50	0.00
4.10	0.20	1,749	196.52	0.00
4.20	0.20	1,821	196.54	0.00
4.30	0.20	1,894	196.56	0.00
4.40	0.21	1,968	196.58	0.00
4.50	0.21	2,043	196.60	0.00
4.60	0.21	2,118	196.62	0.00
4.70	0.21	2,194	196.65	0.00
4.80	0.21	2,271	196.67	0.00
4.90	0.22	2,348	196.69	0.00
5.00	0.22	2,426	196.71	0.00
5.10	0.22	2,505	196.73	0.00

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.22	2,585	196.75	0.00
5.30	0.23	2,666	196.78	0.00
5.40	0.23	2,748	196.80	0.00
5.50	0.23	2,831	196.82	0.00
5.60	0.24	2,916	196.84	0.00
5.70	0.24	3,002	196.87	0.00
5.80	0.24	3,089	196.89	0.00
5.90	0.25	3,177	196.92	0.00
6.00	0.25	3,267	196.94	0.00
6.10	0.26	3,358	196.96	0.00
6.20	0.26	3,451	196.99	0.00
6.30	0.27	3,547	197.01	0.00
6.40	0.28	3,646	197.04	0.00
6.50	0.29	3,748	197.07	0.00
6.60	0.30	3,853	197.09	0.00
6.70	0.30	3,961	197.12	0.00
6.80	0.31	4,073	197.15	0.00
6.90	0.32	4,187	197.18	0.00
7.00	0.33	4,304	197.21	0.00
7.10	0.34	4,425	197.24	0.00
7.20	0.35	4,550	197.27	0.00
7.30	0.36	4,677	197.31	0.00
7.40	0.37	4,808	197.34	0.00
7.50	0.38	4,942	197.37	0.00
7.60	0.39	5,080	197.41	0.00
7.70	0.40	5,221	197.44	0.00
7.80	0.41	5,365	197.48	0.00
7.90	0.42	5,513	197.52	0.00
8.00	0.43	5,665	197.55	0.00
8.10	0.44	5,820	197.59	0.00
8.20	0.45	5,979	197.63	0.00
8.30	0.46	6,141	197.67	0.00
8.40	0.47	6,307	197.71	0.00
8.50	0.48	6,476	197.75	0.00
8.60	0.49	6,649	197.79	0.00
8.70	0.50	6,826	197.83	0.00
8.80	0.51	7,007	197.88	0.00
8.90	0.52	7,191	197.92	0.00
9.00	0.53	7,379	197.96	0.00
9.10	0.54	7,572	198.01	0.00
9.20	0.57	7,772	198.05	0.00
9.30	0.60	7,983	198.10	0.00
9.40	0.63	8,205	198.15	0.00
9.50	0.67	8,440	198.20	0.00
9.60	0.70	8,686	198.26	0.00
9.70	0.74	8,945	198.32	0.00
9.80	0.77	9,215	198.38	0.00
9.90	0.80	9,498	198.44	0.00
10.00	0.84	9,794	198.50	0.00
10.10	0.87	10,102	198.57	0.01
10.20	0.91	10,416	198.64	0.03
10.30	0.95	10,736	198.70	0.05

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.98	11,062	198.77	0.07
10.50	1.02	11,396	198.84	0.08
10.60	1.08	11,743	198.91	0.09
10.70	1.19	12,115	198.99	0.10
10.80	1.31	12,494	199.06	0.33
10.90	1.44	12,803	199.13	0.71
11.00	1.58	13,029	199.17	1.05
11.10	1.74	13,195	199.20	1.33
11.20	1.96	13,336	199.23	1.58
11.30	2.21	13,471	199.26	1.84
11.40	2.46	13,604	199.28	2.10
11.50	2.71	13,732	199.31	2.36
11.60	3.27	13,884	199.34	2.69
11.70	4.30	14,177	199.40	3.35
11.80	5.19	14,519	199.46	4.17
11.90	6.99	14,986	199.55	5.36
12.00	10.56	15,779	199.70	7.57
12.10	17.78	17,257	199.97	12.55
12.20	21.34	17,418	200.06	17.89
12.30	12.84	17,186	199.96	11.97
12.40	8.21	16,772	199.88	10.56
12.50	6.01	15,948	199.73	8.06
12.60	4.86	15,339	199.62	6.32
12.70	3.66	14,832	199.52	4.96
12.80	3.15	14,449	199.45	4.00
12.90	2.84	14,200	199.40	3.40
13.00	2.55	14,022	199.37	2.99
13.10	2.28	13,875	199.34	2.67
13.20	2.04	13,743	199.31	2.39
13.30	1.87	13,631	199.29	2.15
13.40	1.72	13,537	199.27	1.97
13.50	1.58	13,453	199.26	1.80
13.60	1.43	13,373	199.24	1.65
13.70	1.31	13,298	199.22	1.51
13.80	1.25	13,235	199.21	1.40
13.90	1.21	13,189	199.20	1.32
14.00	1.17	13,155	199.20	1.26
14.10	1.13	13,125	199.19	1.21
14.20	1.09	13,099	199.19	1.16
14.30	1.06	13,074	199.18	1.12
14.40	1.02	13,050	199.18	1.08
14.50	0.98	13,026	199.17	1.04
14.60	0.94	13,003	199.17	1.01
14.70	0.90	12,980	199.16	0.97
14.80	0.87	12,956	199.16	0.93
14.90	0.83	12,932	199.15	0.90
15.00	0.79	12,907	199.15	0.86
15.10	0.75	12,882	199.14	0.82
15.20	0.72	12,857	199.14	0.79
15.30	0.70	12,836	199.13	0.76
15.40	0.69	12,820	199.13	0.73
15.50	0.68	12,808	199.13	0.71

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.67	12,797	199.13	0.70
15.70	0.66	12,789	199.12	0.69
15.80	0.65	12,781	199.12	0.67
15.90	0.64	12,773	199.12	0.66
16.00	0.63	12,766	199.12	0.65
16.10	0.62	12,758	199.12	0.64
16.20	0.61	12,751	199.12	0.63
16.30	0.60	12,743	199.11	0.63
16.40	0.59	12,735	199.11	0.62
16.50	0.58	12,727	199.11	0.61
16.60	0.57	12,719	199.11	0.59
16.70	0.56	12,711	199.11	0.58
16.80	0.55	12,703	199.11	0.58
16.90	0.54	12,695	199.11	0.56
17.00	0.53	12,687	199.10	0.55
17.10	0.52	12,679	199.10	0.54
17.20	0.51	12,671	199.10	0.54
17.30	0.50	12,663	199.10	0.52
17.40	0.49	12,655	199.10	0.51
17.50	0.48	12,647	199.10	0.50
17.60	0.47	12,639	199.09	0.49
17.70	0.46	12,631	199.09	0.48
17.80	0.45	12,623	199.09	0.47
17.90	0.44	12,615	199.09	0.46
18.00	0.43	12,607	199.09	0.45
18.10	0.42	12,599	199.09	0.44
18.20	0.41	12,591	199.08	0.43
18.30	0.41	12,584	199.08	0.43
18.40	0.41	12,579	199.08	0.42
18.50	0.40	12,575	199.08	0.41
18.60	0.40	12,571	199.08	0.41
18.70	0.40	12,568	199.08	0.41
18.80	0.40	12,565	199.08	0.40
18.90	0.39	12,563	199.08	0.40
19.00	0.39	12,560	199.08	0.40
19.10	0.39	12,557	199.08	0.40
19.20	0.39	12,555	199.08	0.39
19.30	0.38	12,552	199.08	0.39
19.40	0.38	12,550	199.08	0.39
19.50	0.38	12,547	199.08	0.39
19.60	0.38	12,544	199.07	0.38
19.70	0.37	12,542	199.07	0.38
19.80	0.37	12,539	199.07	0.38
19.90	0.37	12,537	199.07	0.38
20.00	0.37	12,535	199.07	0.37
20.10	0.36	12,532	199.07	0.37
20.20	0.36	12,529	199.07	0.37
20.30	0.36	12,527	199.07	0.37
20.40	0.36	12,524	199.07	0.36
20.50	0.35	12,521	199.07	0.36
20.60	0.35	12,519	199.07	0.36
20.70	0.35	12,517	199.07	0.36

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	12,514	199.07	0.35
20.90	0.34	12,511	199.07	0.35
21.00	0.34	12,509	199.07	0.35
21.10	0.34	12,506	199.07	0.35
21.20	0.34	12,503	199.07	0.34
21.30	0.33	12,501	199.07	0.34
21.40	0.33	12,498	199.07	0.34
21.50	0.33	12,496	199.07	0.34
21.60	0.33	12,493	199.06	0.33
21.70	0.32	12,491	199.06	0.33
21.80	0.32	12,488	199.06	0.33
21.90	0.32	12,486	199.06	0.33
22.00	0.32	12,483	199.06	0.32
22.10	0.31	12,480	199.06	0.32
22.20	0.31	12,478	199.06	0.32
22.30	0.31	12,475	199.06	0.32
22.40	0.31	12,473	199.06	0.31
22.50	0.30	12,470	199.06	0.31
22.60	0.30	12,467	199.06	0.31
22.70	0.30	12,465	199.06	0.31
22.80	0.29	12,463	199.06	0.30
22.90	0.29	12,460	199.06	0.30
23.00	0.29	12,457	199.06	0.30
23.10	0.29	12,455	199.06	0.29
23.20	0.28	12,452	199.06	0.29
23.30	0.28	12,449	199.06	0.29
23.40	0.28	12,447	199.06	0.29
23.50	0.28	12,444	199.05	0.28
23.60	0.27	12,442	199.05	0.28
23.70	0.27	12,439	199.05	0.28
23.80	0.27	12,437	199.05	0.28
23.90	0.27	12,434	199.05	0.27
24.00	0.28	12,433	199.05	0.27
24.10	0.24	12,433	199.05	0.27
24.20	0.07	12,393	199.04	0.23
24.30	0.02	12,331	199.03	0.19
24.40	0.00	12,271	199.02	0.16
24.50	0.00	12,220	199.01	0.13
24.60	0.00	12,178	199.00	0.11
24.70	0.00	12,141	198.99	0.10
24.80	0.00	12,104	198.99	0.10
24.90	0.00	12,068	198.98	0.10
25.00	0.00	12,032	198.97	0.10
25.10	0.00	11,996	198.96	0.10
25.20	0.00	11,961	198.96	0.10
25.30	0.00	11,926	198.95	0.10
25.40	0.00	11,892	198.94	0.10
25.50	0.00	11,857	198.94	0.09
25.60	0.00	11,824	198.93	0.09
25.70	0.00	11,790	198.92	0.09
25.80	0.00	11,757	198.92	0.09
25.90	0.00	11,724	198.91	0.09

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,692	198.90	0.09
26.10	0.00	11,660	198.90	0.09
26.20	0.00	11,628	198.89	0.09
26.30	0.00	11,597	198.88	0.09
26.40	0.00	11,566	198.88	0.09
26.50	0.00	11,535	198.87	0.08
26.60	0.00	11,505	198.86	0.08
26.70	0.00	11,475	198.86	0.08
26.80	0.00	11,446	198.85	0.08
26.90	0.00	11,417	198.84	0.08
27.00	0.00	11,388	198.84	0.08
27.10	0.00	11,359	198.83	0.08
27.20	0.00	11,331	198.83	0.08
27.30	0.00	11,303	198.82	0.08
27.40	0.00	11,276	198.82	0.08
27.50	0.00	11,249	198.81	0.07
27.60	0.00	11,223	198.80	0.07
27.70	0.00	11,196	198.80	0.07
27.80	0.00	11,170	198.79	0.07
27.90	0.00	11,145	198.79	0.07
28.00	0.00	11,120	198.78	0.07
28.10	0.00	11,095	198.78	0.07
28.20	0.00	11,070	198.77	0.07
28.30	0.00	11,046	198.77	0.07
28.40	0.00	11,023	198.76	0.07
28.50	0.00	10,999	198.76	0.06
28.60	0.00	10,976	198.75	0.06
28.70	0.00	10,954	198.75	0.06
28.80	0.00	10,931	198.74	0.06
28.90	0.00	10,910	198.74	0.06
29.00	0.00	10,888	198.73	0.06
29.10	0.00	10,867	198.73	0.06
29.20	0.00	10,846	198.73	0.06
29.30	0.00	10,826	198.72	0.06
29.40	0.00	10,806	198.72	0.06
29.50	0.00	10,786	198.71	0.05
29.60	0.00	10,767	198.71	0.05
29.70	0.00	10,748	198.71	0.05
29.80	0.00	10,729	198.70	0.05
29.90	0.00	10,711	198.70	0.05
30.00	0.00	10,693	198.69	0.05
30.10	0.00	10,676	198.69	0.05
30.20	0.00	10,659	198.69	0.05
30.30	0.00	10,642	198.68	0.05
30.40	0.00	10,625	198.68	0.05
30.50	0.00	10,609	198.68	0.04
30.60	0.00	10,594	198.67	0.04
30.70	0.00	10,579	198.67	0.04
30.80	0.00	10,564	198.67	0.04
30.90	0.00	10,549	198.66	0.04
31.00	0.00	10,535	198.66	0.04
31.10	0.00	10,522	198.66	0.04

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,509	198.66	0.04
31.30	0.00	10,496	198.65	0.04
31.40	0.00	10,483	198.65	0.03
31.50	0.00	10,471	198.65	0.03
31.60	0.00	10,459	198.64	0.03
31.70	0.00	10,447	198.64	0.03
31.80	0.00	10,436	198.64	0.03
31.90	0.00	10,425	198.64	0.03
32.00	0.00	10,414	198.64	0.03
32.10	0.00	10,404	198.63	0.03
32.20	0.00	10,394	198.63	0.03
32.30	0.00	10,384	198.63	0.03
32.40	0.00	10,374	198.63	0.03
32.50	0.00	10,365	198.62	0.03
32.60	0.00	10,356	198.62	0.03
32.70	0.00	10,347	198.62	0.02
32.80	0.00	10,338	198.62	0.02
32.90	0.00	10,330	198.62	0.02
33.00	0.00	10,321	198.62	0.02
33.10	0.00	10,313	198.61	0.02
33.20	0.00	10,305	198.61	0.02
33.30	0.00	10,298	198.61	0.02
33.40	0.00	10,290	198.61	0.02
33.50	0.00	10,283	198.61	0.02
33.60	0.00	10,276	198.61	0.02
33.70	0.00	10,269	198.60	0.02
33.80	0.00	10,262	198.60	0.02
33.90	0.00	10,256	198.60	0.02
34.00	0.00	10,250	198.60	0.02
34.10	0.00	10,243	198.60	0.02
34.20	0.00	10,237	198.60	0.02
34.30	0.00	10,231	198.60	0.02
34.40	0.00	10,225	198.59	0.02
34.50	0.00	10,220	198.59	0.02
34.60	0.00	10,214	198.59	0.02
34.70	0.00	10,209	198.59	0.02
34.80	0.00	10,203	198.59	0.01
34.90	0.00	10,198	198.59	0.01
35.00	0.00	10,193	198.59	0.01
35.10	0.00	10,188	198.59	0.01
35.20	0.00	10,183	198.59	0.01
35.30	0.00	10,178	198.58	0.01
35.40	0.00	10,173	198.58	0.01
35.50	0.00	10,168	198.58	0.01
35.60	0.00	10,164	198.58	0.01
35.70	0.00	10,159	198.58	0.01
35.80	0.00	10,155	198.58	0.01
35.90	0.00	10,151	198.58	0.01
36.00	0.00	10,147	198.58	0.01
36.10	0.00	10,142	198.58	0.01
36.20	0.00	10,138	198.58	0.01
36.30	0.00	10,134	198.58	0.01

Hydrograph for Pond B-15: Basin #15 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,131	198.57	0.01
36.50	0.00	10,127	198.57	0.01
36.60	0.00	10,123	198.57	0.01
36.70	0.00	10,119	198.57	0.01
36.80	0.00	10,116	198.57	0.01
36.90	0.00	10,112	198.57	0.01
37.00	0.00	10,109	198.57	0.01
37.10	0.00	10,105	198.57	0.01
37.20	0.00	10,102	198.57	0.01
37.30	0.00	10,099	198.57	0.01
37.40	0.00	10,096	198.57	0.01
37.50	0.00	10,093	198.57	0.01
37.60	0.00	10,090	198.57	0.01
37.70	0.00	10,087	198.57	0.01
37.80	0.00	10,084	198.56	0.01
37.90	0.00	10,081	198.56	0.01
38.00	0.00	10,078	198.56	0.01
38.10	0.00	10,075	198.56	0.01
38.20	0.00	10,073	198.56	0.01
38.30	0.00	10,070	198.56	0.01
38.40	0.00	10,067	198.56	0.01
38.50	0.00	10,065	198.56	0.01
38.60	0.00	10,062	198.56	0.01
38.70	0.00	10,060	198.56	0.01
38.80	0.00	10,058	198.56	0.01
38.90	0.00	10,055	198.56	0.01
39.00	0.00	10,053	198.56	0.01
39.10	0.00	10,051	198.56	0.01
39.20	0.00	10,048	198.56	0.01
39.30	0.00	10,046	198.56	0.01
39.40	0.00	10,044	198.56	0.01
39.50	0.00	10,042	198.56	0.01
39.60	0.00	10,039	198.56	0.01
39.70	0.00	10,037	198.55	0.01
39.80	0.00	10,035	198.55	0.01
39.90	0.00	10,033	198.55	0.01
40.00	0.00	10,031	198.55	0.01

Stage-Discharge for Pond B-15: Basin #15

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.00	0.00	196.52	0.00	197.04	0.00	197.56	0.00
196.01	0.00	196.53	0.00	197.05	0.00	197.57	0.00
196.02	0.00	196.54	0.00	197.06	0.00	197.58	0.00
196.03	0.00	196.55	0.00	197.07	0.00	197.59	0.00
196.04	0.00	196.56	0.00	197.08	0.00	197.60	0.00
196.05	0.00	196.57	0.00	197.09	0.00	197.61	0.00
196.06	0.00	196.58	0.00	197.10	0.00	197.62	0.00
196.07	0.00	196.59	0.00	197.11	0.00	197.63	0.00
196.08	0.00	196.60	0.00	197.12	0.00	197.64	0.00
196.09	0.00	196.61	0.00	197.13	0.00	197.65	0.00
196.10	0.00	196.62	0.00	197.14	0.00	197.66	0.00
196.11	0.00	196.63	0.00	197.15	0.00	197.67	0.00
196.12	0.00	196.64	0.00	197.16	0.00	197.68	0.00
196.13	0.00	196.65	0.00	197.17	0.00	197.69	0.00
196.14	0.00	196.66	0.00	197.18	0.00	197.70	0.00
196.15	0.00	196.67	0.00	197.19	0.00	197.71	0.00
196.16	0.00	196.68	0.00	197.20	0.00	197.72	0.00
196.17	0.00	196.69	0.00	197.21	0.00	197.73	0.00
196.18	0.00	196.70	0.00	197.22	0.00	197.74	0.00
196.19	0.00	196.71	0.00	197.23	0.00	197.75	0.00
196.20	0.00	196.72	0.00	197.24	0.00	197.76	0.00
196.21	0.00	196.73	0.00	197.25	0.00	197.77	0.00
196.22	0.00	196.74	0.00	197.26	0.00	197.78	0.00
196.23	0.00	196.75	0.00	197.27	0.00	197.79	0.00
196.24	0.00	196.76	0.00	197.28	0.00	197.80	0.00
196.25	0.00	196.77	0.00	197.29	0.00	197.81	0.00
196.26	0.00	196.78	0.00	197.30	0.00	197.82	0.00
196.27	0.00	196.79	0.00	197.31	0.00	197.83	0.00
196.28	0.00	196.80	0.00	197.32	0.00	197.84	0.00
196.29	0.00	196.81	0.00	197.33	0.00	197.85	0.00
196.30	0.00	196.82	0.00	197.34	0.00	197.86	0.00
196.31	0.00	196.83	0.00	197.35	0.00	197.87	0.00
196.32	0.00	196.84	0.00	197.36	0.00	197.88	0.00
196.33	0.00	196.85	0.00	197.37	0.00	197.89	0.00
196.34	0.00	196.86	0.00	197.38	0.00	197.90	0.00
196.35	0.00	196.87	0.00	197.39	0.00	197.91	0.00
196.36	0.00	196.88	0.00	197.40	0.00	197.92	0.00
196.37	0.00	196.89	0.00	197.41	0.00	197.93	0.00
196.38	0.00	196.90	0.00	197.42	0.00	197.94	0.00
196.39	0.00	196.91	0.00	197.43	0.00	197.95	0.00
196.40	0.00	196.92	0.00	197.44	0.00	197.96	0.00
196.41	0.00	196.93	0.00	197.45	0.00	197.97	0.00
196.42	0.00	196.94	0.00	197.46	0.00	197.98	0.00
196.43	0.00	196.95	0.00	197.47	0.00	197.99	0.00
196.44	0.00	196.96	0.00	197.48	0.00	198.00	0.00
196.45	0.00	196.97	0.00	197.49	0.00	198.01	0.00
196.46	0.00	196.98	0.00	197.50	0.00	198.02	0.00
196.47	0.00	196.99	0.00	197.51	0.00	198.03	0.00
196.48	0.00	197.00	0.00	197.52	0.00	198.04	0.00
196.49	0.00	197.01	0.00	197.53	0.00	198.05	0.00
196.50	0.00	197.02	0.00	197.54	0.00	198.06	0.00
196.51	0.00	197.03	0.00	197.55	0.00	198.07	0.00

Stage-Discharge for Pond B-15: Basin #15 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
198.08	0.00	198.60	0.02	199.12	0.66	199.64	6.65
198.09	0.00	198.61	0.02	199.13	0.73	199.65	6.80
198.10	0.00	198.62	0.02	199.14	0.80	199.66	6.95
198.11	0.00	198.63	0.03	199.15	0.88	199.67	7.10
198.12	0.00	198.64	0.03	199.16	0.95	199.68	7.26
198.13	0.00	198.65	0.03	199.17	1.03	199.69	7.41
198.14	0.00	198.66	0.04	199.18	1.11	199.70	7.56
198.15	0.00	198.67	0.04	199.19	1.20	199.71	7.72
198.16	0.00	198.68	0.05	199.20	1.28	199.72	7.88
198.17	0.00	198.69	0.05	199.21	1.37	199.73	8.03
198.18	0.00	198.70	0.05	199.22	1.46	199.74	8.19
198.19	0.00	198.71	0.05	199.23	1.56	199.75	8.35
198.20	0.00	198.72	0.06	199.24	1.65	199.76	8.51
198.21	0.00	198.73	0.06	199.25	1.75	199.77	8.67
198.22	0.00	198.74	0.06	199.26	1.84	199.78	8.84
198.23	0.00	198.75	0.06	199.27	1.94	199.79	9.00
198.24	0.00	198.76	0.06	199.28	2.05	199.80	9.16
198.25	0.00	198.77	0.07	199.29	2.15	199.81	9.33
198.26	0.00	198.78	0.07	199.30	2.25	199.82	9.50
198.27	0.00	198.79	0.07	199.31	2.36	199.83	9.66
198.28	0.00	198.80	0.07	199.32	2.47	199.84	9.83
198.29	0.00	198.81	0.07	199.33	2.58	199.85	10.00
198.30	0.00	198.82	0.08	199.34	2.69	199.86	10.17
198.31	0.00	198.83	0.08	199.35	2.80	199.87	10.34
198.32	0.00	198.84	0.08	199.36	2.92	199.88	10.51
198.33	0.00	198.85	0.08	199.37	3.03	199.89	10.68
198.34	0.00	198.86	0.08	199.38	3.15	199.90	10.85
198.35	0.00	198.87	0.08	199.39	3.27	199.91	11.03
198.36	0.00	198.88	0.09	199.40	3.39	199.92	11.20
198.37	0.00	198.89	0.09	199.41	3.51	199.93	11.37
198.38	0.00	198.90	0.09	199.42	3.63	199.94	11.55
198.39	0.00	198.91	0.09	199.43	3.76	199.95	11.73
198.40	0.00	198.92	0.09	199.44	3.88	199.96	12.02
198.41	0.00	198.93	0.09	199.45	4.01	199.97	12.41
198.42	0.00	198.94	0.10	199.46	4.14	199.98	12.87
198.43	0.00	198.95	0.10	199.47	4.27	199.99	13.38
198.44	0.00	198.96	0.10	199.48	4.40	200.00	13.93
198.45	0.00	198.97	0.10	199.49	4.53	200.01	14.53
198.46	0.00	198.98	0.10	199.50	4.66	200.02	15.16
198.47	0.00	198.99	0.10	199.51	4.80	200.03	15.82
198.48	0.00	199.00	0.10	199.52	4.93	200.04	16.52
198.49	0.00	199.01	0.12	199.53	5.07	200.05	17.25
198.50	0.00	199.02	0.14	199.54	5.21	200.06	18.01
198.51	0.00	199.03	0.17	199.55	5.35	200.07	18.79
198.52	0.00	199.04	0.21	199.56	5.49	200.08	19.61
198.53	0.00	199.05	0.26	199.57	5.63	200.09	20.44
198.54	0.00	199.06	0.30	199.58	5.77	200.10	21.31
198.55	0.00	199.07	0.35	199.59	5.92	200.11	22.19
198.56	0.01	199.08	0.41	199.60	6.06	200.12	23.11
198.57	0.01	199.09	0.47	199.61	6.21	200.13	24.04
198.58	0.01	199.10	0.53	199.62	6.35	200.14	24.99
198.59	0.01	199.11	0.59	199.63	6.50	200.15	25.97

Stage-Discharge for Pond B-15: Basin #15 (continued)

Elevation (feet)	Primary (cfs)
200.16	27.01

Stage-Area-Storage for Pond B-15: Basin #15

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.00	3,221	0	196.52	3,504	1,748
196.01	3,226	32	196.53	3,509	1,784
196.02	3,232	65	196.54	3,515	1,819
196.03	3,237	97	196.55	3,520	1,854
196.04	3,243	129	196.56	3,526	1,889
196.05	3,248	162	196.57	3,531	1,924
196.06	3,254	194	196.58	3,537	1,960
196.07	3,259	227	196.59	3,542	1,995
196.08	3,265	259	196.60	3,547	2,031
196.09	3,270	292	196.61	3,553	2,066
196.10	3,275	325	196.62	3,558	2,102
196.11	3,281	358	196.63	3,564	2,137
196.12	3,286	390	196.64	3,569	2,173
196.13	3,292	423	196.65	3,575	2,209
196.14	3,297	456	196.66	3,580	2,244
196.15	3,303	489	196.67	3,585	2,280
196.16	3,308	522	196.68	3,591	2,316
196.17	3,313	555	196.69	3,596	2,352
196.18	3,319	589	196.70	3,602	2,388
196.19	3,324	622	196.71	3,607	2,424
196.20	3,330	655	196.72	3,613	2,460
196.21	3,335	688	196.73	3,618	2,496
196.22	3,341	722	196.74	3,624	2,532
196.23	3,346	755	196.75	3,629	2,569
196.24	3,352	789	196.76	3,634	2,605
196.25	3,357	822	196.77	3,640	2,641
196.26	3,362	856	196.78	3,645	2,678
196.27	3,368	889	196.79	3,651	2,714
196.28	3,373	923	196.80	3,656	2,751
196.29	3,379	957	196.81	3,662	2,787
196.30	3,384	991	196.82	3,667	2,824
196.31	3,390	1,025	196.83	3,673	2,861
196.32	3,395	1,059	196.84	3,678	2,898
196.33	3,401	1,093	196.85	3,683	2,934
196.34	3,406	1,127	196.86	3,689	2,971
196.35	3,411	1,161	196.87	3,694	3,008
196.36	3,417	1,195	196.88	3,700	3,045
196.37	3,422	1,229	196.89	3,705	3,082
196.38	3,428	1,263	196.90	3,711	3,119
196.39	3,433	1,298	196.91	3,716	3,156
196.40	3,439	1,332	196.92	3,721	3,194
196.41	3,444	1,366	196.93	3,727	3,231
196.42	3,449	1,401	196.94	3,732	3,268
196.43	3,455	1,435	196.95	3,738	3,305
196.44	3,460	1,470	196.96	3,743	3,343
196.45	3,466	1,505	196.97	3,749	3,380
196.46	3,471	1,539	196.98	3,754	3,418
196.47	3,477	1,574	196.99	3,760	3,455
196.48	3,482	1,609	197.00	3,765	3,493
196.49	3,488	1,644	197.01	3,771	3,531
196.50	3,493	1,679	197.02	3,776	3,568
196.51	3,498	1,713	197.03	3,782	3,606

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.04	3,788	3,644	197.56	4,083	5,690
197.05	3,793	3,682	197.57	4,089	5,731
197.06	3,799	3,720	197.58	4,094	5,772
197.07	3,805	3,758	197.59	4,100	5,813
197.08	3,810	3,796	197.60	4,106	5,854
197.09	3,816	3,834	197.61	4,111	5,895
197.10	3,822	3,872	197.62	4,117	5,936
197.11	3,827	3,911	197.63	4,123	5,978
197.12	3,833	3,949	197.64	4,129	6,019
197.13	3,839	3,987	197.65	4,134	6,060
197.14	3,845	4,026	197.66	4,140	6,102
197.15	3,850	4,064	197.67	4,146	6,143
197.16	3,856	4,103	197.68	4,151	6,185
197.17	3,862	4,141	197.69	4,157	6,226
197.18	3,867	4,180	197.70	4,163	6,268
197.19	3,873	4,219	197.71	4,168	6,309
197.20	3,879	4,257	197.72	4,174	6,351
197.21	3,884	4,296	197.73	4,180	6,393
197.22	3,890	4,335	197.74	4,185	6,435
197.23	3,896	4,374	197.75	4,191	6,477
197.24	3,901	4,413	197.76	4,197	6,518
197.25	3,907	4,452	197.77	4,202	6,560
197.26	3,913	4,491	197.78	4,208	6,602
197.27	3,918	4,530	197.79	4,214	6,645
197.28	3,924	4,569	197.80	4,219	6,687
197.29	3,930	4,609	197.81	4,225	6,729
197.30	3,935	4,648	197.82	4,231	6,771
197.31	3,941	4,687	197.83	4,236	6,814
197.32	3,947	4,727	197.84	4,242	6,856
197.33	3,952	4,766	197.85	4,248	6,898
197.34	3,958	4,806	197.86	4,253	6,941
197.35	3,964	4,846	197.87	4,259	6,984
197.36	3,969	4,885	197.88	4,265	7,026
197.37	3,975	4,925	197.89	4,271	7,069
197.38	3,981	4,965	197.90	4,276	7,112
197.39	3,987	5,005	197.91	4,282	7,154
197.40	3,992	5,044	197.92	4,288	7,197
197.41	3,998	5,084	197.93	4,293	7,240
197.42	4,004	5,124	197.94	4,299	7,283
197.43	4,009	5,164	197.95	4,305	7,326
197.44	4,015	5,205	197.96	4,310	7,369
197.45	4,021	5,245	197.97	4,316	7,412
197.46	4,026	5,285	197.98	4,322	7,455
197.47	4,032	5,325	197.99	4,327	7,499
197.48	4,038	5,366	198.00	4,333	7,542
197.49	4,043	5,406	198.01	4,339	7,585
197.50	4,049	5,447	198.02	4,345	7,629
197.51	4,055	5,487	198.03	4,351	7,672
197.52	4,060	5,528	198.04	4,357	7,716
197.53	4,066	5,568	198.05	4,363	7,759
197.54	4,072	5,609	198.06	4,369	7,803
197.55	4,077	5,650	198.07	4,375	7,847

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.08	4,381	7,891	198.60	4,691	10,249
198.09	4,387	7,934	198.61	4,697	10,296
198.10	4,393	7,978	198.62	4,703	10,343
198.11	4,399	8,022	198.63	4,709	10,390
198.12	4,405	8,066	198.64	4,715	10,437
198.13	4,411	8,110	198.65	4,721	10,485
198.14	4,417	8,154	198.66	4,727	10,532
198.15	4,423	8,199	198.67	4,733	10,579
198.16	4,429	8,243	198.68	4,739	10,626
198.17	4,434	8,287	198.69	4,745	10,674
198.18	4,440	8,332	198.70	4,751	10,721
198.19	4,446	8,376	198.71	4,757	10,769
198.20	4,452	8,421	198.72	4,763	10,817
198.21	4,458	8,465	198.73	4,769	10,864
198.22	4,464	8,510	198.74	4,775	10,912
198.23	4,470	8,554	198.75	4,781	10,960
198.24	4,476	8,599	198.76	4,787	11,007
198.25	4,482	8,644	198.77	4,793	11,055
198.26	4,488	8,689	198.78	4,799	11,103
198.27	4,494	8,734	198.79	4,805	11,151
198.28	4,500	8,779	198.80	4,811	11,199
198.29	4,506	8,824	198.81	4,817	11,248
198.30	4,512	8,869	198.82	4,823	11,296
198.31	4,518	8,914	198.83	4,829	11,344
198.32	4,524	8,959	198.84	4,834	11,392
198.33	4,530	9,004	198.85	4,840	11,441
198.34	4,536	9,050	198.86	4,846	11,489
198.35	4,542	9,095	198.87	4,852	11,538
198.36	4,548	9,141	198.88	4,858	11,586
198.37	4,554	9,186	198.89	4,864	11,635
198.38	4,560	9,232	198.90	4,870	11,683
198.39	4,566	9,277	198.91	4,876	11,732
198.40	4,572	9,323	198.92	4,882	11,781
198.41	4,578	9,369	198.93	4,888	11,830
198.42	4,584	9,415	198.94	4,894	11,879
198.43	4,590	9,460	198.95	4,900	11,928
198.44	4,596	9,506	198.96	4,906	11,977
198.45	4,602	9,552	198.97	4,912	12,026
198.46	4,608	9,598	198.98	4,918	12,075
198.47	4,614	9,644	198.99	4,924	12,124
198.48	4,620	9,691	199.00	4,930	12,174
198.49	4,626	9,737	199.01	4,936	12,223
198.50	4,632	9,783	199.02	4,943	12,272
198.51	4,637	9,829	199.03	4,949	12,322
198.52	4,643	9,876	199.04	4,955	12,371
198.53	4,649	9,922	199.05	4,961	12,421
198.54	4,655	9,969	199.06	4,968	12,470
198.55	4,661	10,015	199.07	4,974	12,520
198.56	4,667	10,062	199.08	4,980	12,570
198.57	4,673	10,109	199.09	4,987	12,620
198.58	4,679	10,156	199.10	4,993	12,670
198.59	4,685	10,202	199.11	4,999	12,720

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.12	5,005	12,770	199.64	5,333	15,458
199.13	5,012	12,820	199.65	5,339	15,511
199.14	5,018	12,870	199.66	5,345	15,564
199.15	5,024	12,920	199.67	5,351	15,618
199.16	5,031	12,970	199.68	5,358	15,671
199.17	5,037	13,021	199.69	5,364	15,725
199.18	5,043	13,071	199.70	5,370	15,779
199.19	5,050	13,122	199.71	5,377	15,832
199.20	5,056	13,172	199.72	5,383	15,886
199.21	5,062	13,223	199.73	5,389	15,940
199.22	5,068	13,273	199.74	5,395	15,994
199.23	5,075	13,324	199.75	5,402	16,048
199.24	5,081	13,375	199.76	5,408	16,102
199.25	5,087	13,426	199.77	5,414	16,156
199.26	5,094	13,477	199.78	5,421	16,210
199.27	5,100	13,528	199.79	5,427	16,264
199.28	5,106	13,579	199.80	5,433	16,319
199.29	5,112	13,630	199.81	5,439	16,373
199.30	5,119	13,681	199.82	5,446	16,428
199.31	5,125	13,732	199.83	5,452	16,482
199.32	5,131	13,783	199.84	5,458	16,537
199.33	5,138	13,835	199.85	5,465	16,591
199.34	5,144	13,886	199.86	5,471	16,646
199.35	5,150	13,938	199.87	5,477	16,701
199.36	5,156	13,989	199.88	5,484	16,755
199.37	5,163	14,041	199.89	5,490	16,810
199.38	5,169	14,092	199.90	5,496	16,865
199.39	5,175	14,144	199.91	5,502	16,920
199.40	5,182	14,196	199.92	5,509	16,975
199.41	5,188	14,248	199.93	5,515	17,030
199.42	5,194	14,300	199.94	5,521	17,086
199.43	5,200	14,352	199.95	5,528	17,141
199.44	5,207	14,404	199.96	5,534	17,196
199.45	5,213	14,456	199.97	5,540	17,252
199.46	5,219	14,508	199.98	5,546	17,307
199.47	5,226	14,560	199.99	5,553	17,362
199.48	5,232	14,612	200.00	5,559	17,418
199.49	5,238	14,665	200.01	5,559	17,418
199.50	5,245	14,717	200.02	5,559	17,418
199.51	5,251	14,770	200.03	5,559	17,418
199.52	5,257	14,822	200.04	5,559	17,418
199.53	5,263	14,875	200.05	5,559	17,418
199.54	5,270	14,927	200.06	5,559	17,418
199.55	5,276	14,980	200.07	5,559	17,418
199.56	5,282	15,033	200.08	5,559	17,418
199.57	5,289	15,086	200.09	5,559	17,418
199.58	5,295	15,139	200.10	5,559	17,418
199.59	5,301	15,192	200.11	5,559	17,418
199.60	5,307	15,245	200.12	5,559	17,418
199.61	5,314	15,298	200.13	5,559	17,418
199.62	5,320	15,351	200.14	5,559	17,418
199.63	5,326	15,404	200.15	5,559	17,418

Stage-Area-Storage for Pond B-15: Basin #15 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.16	5,559	17,418

Summary for Pond B-16A: Basin #16A

Inflow Area = 1.876 ac, 45.47% Impervious, Inflow Depth = 9.12" for Future 100 yr event
 Inflow = 17.15 cfs @ 12.17 hrs, Volume= 1.425 af
 Outflow = 14.59 cfs @ 12.23 hrs, Volume= 1.339 af, Atten= 15%, Lag= 3.8 min
 Primary = 14.59 cfs @ 12.23 hrs, Volume= 1.339 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.72' @ 12.23 hrs Surf.Area= 5,457 sf Storage= 14,779 cf

Plug-Flow detention time= 181.7 min calculated for 1.339 af (94% of inflow)
 Center-of-Mass det. time= 146.9 min (920.2 - 773.3)

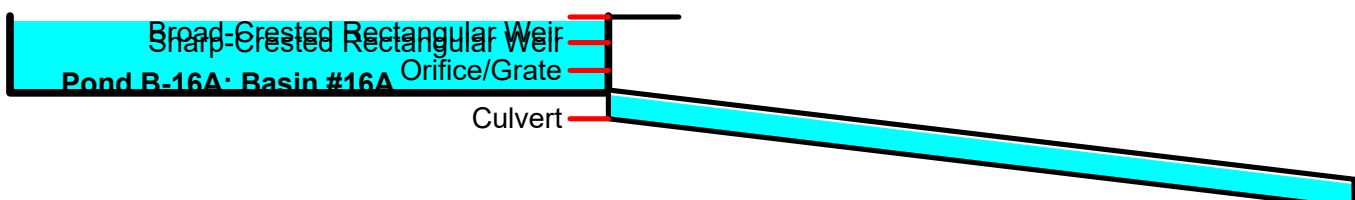
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	16,318 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	2,543	0	0
179.00	3,287	2,915	2,915
180.00	4,059	3,673	6,588
181.00	4,858	4,459	11,047
182.00	5,685	5,272	16,318

Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' S= 0.0877 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.62'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

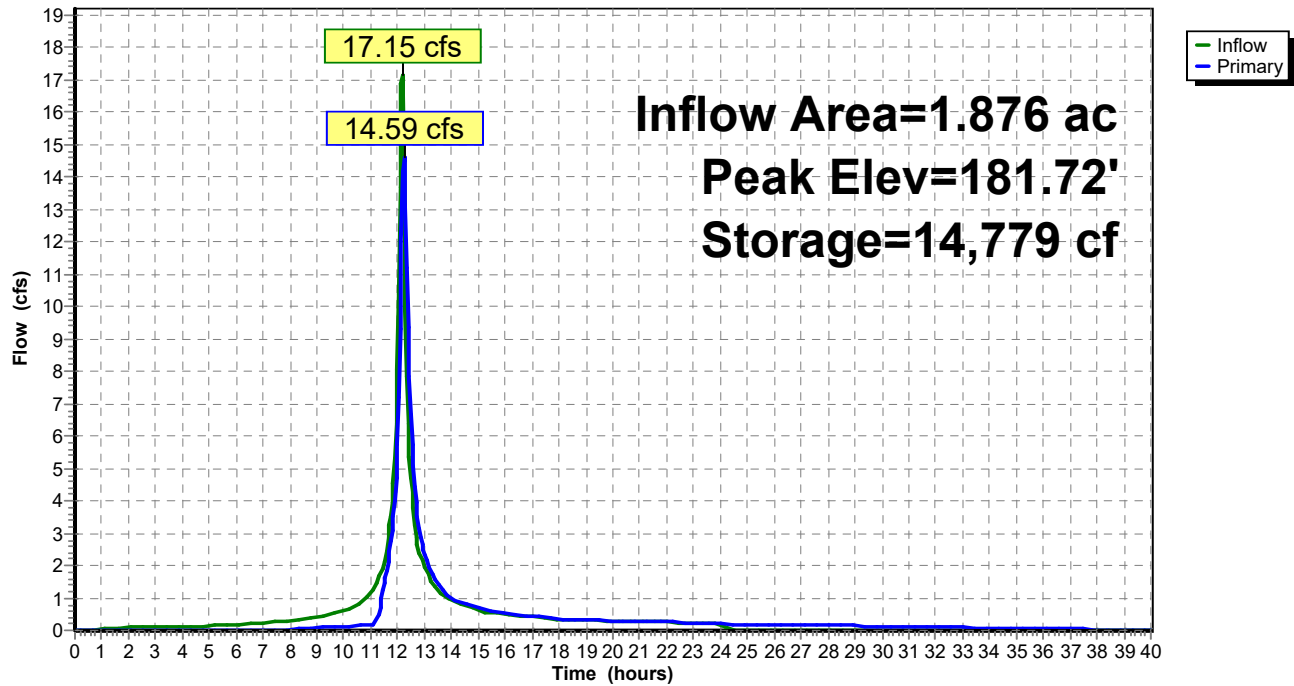
Primary OutFlow Max=14.40 cfs @ 12.23 hrs HW=181.71' (Free Discharge)

- 1=Culvert (Passes 14.40 cfs of 17.67 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.52 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 14.15 cfs @ 3.42 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16A: Basin #16A

Hydrograph



Hydrograph for Pond B-16A: Basin #16A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	1	178.00	0.00
0.60	0.01	3	178.00	0.00
0.70	0.02	9	178.00	0.00
0.80	0.03	18	178.01	0.00
0.90	0.04	30	178.01	0.00
1.00	0.04	44	178.02	0.00
1.10	0.05	60	178.02	0.00
1.20	0.05	79	178.03	0.00
1.30	0.06	99	178.04	0.00
1.40	0.06	121	178.05	0.00
1.50	0.07	144	178.06	0.00
1.60	0.07	169	178.07	0.00
1.70	0.07	195	178.08	0.00
1.80	0.08	222	178.09	0.00
1.90	0.08	250	178.10	0.00
2.00	0.08	280	178.11	0.00
2.10	0.09	310	178.12	0.00
2.20	0.09	342	178.13	0.00
2.30	0.09	374	178.14	0.00
2.40	0.09	407	178.16	0.00
2.50	0.10	441	178.17	0.00
2.60	0.10	476	178.18	0.00
2.70	0.10	511	178.20	0.00
2.80	0.10	547	178.21	0.00
2.90	0.10	584	178.22	0.00
3.00	0.11	622	178.24	0.00
3.10	0.11	660	178.25	0.00
3.20	0.11	699	178.26	0.00
3.30	0.11	738	178.28	0.00
3.40	0.11	778	178.29	0.00
3.50	0.11	819	178.31	0.00
3.60	0.12	860	178.32	0.00
3.70	0.12	902	178.34	0.00
3.80	0.12	944	178.35	0.00
3.90	0.12	987	178.37	0.00
4.00	0.12	1,030	178.38	0.00
4.10	0.12	1,074	178.40	0.00
4.20	0.12	1,118	178.41	0.00
4.30	0.13	1,163	178.43	0.00
4.40	0.13	1,209	178.45	0.00
4.50	0.13	1,254	178.46	0.00
4.60	0.13	1,301	178.48	0.00
4.70	0.13	1,347	178.49	0.00
4.80	0.13	1,394	178.51	0.00
4.90	0.13	1,442	178.53	0.00
5.00	0.13	1,490	178.54	0.00
5.10	0.14	1,538	178.56	0.00

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,587	178.58	0.00
5.30	0.14	1,637	178.59	0.00
5.40	0.14	1,688	178.61	0.00
5.50	0.15	1,740	178.63	0.00
5.60	0.15	1,793	178.64	0.00
5.70	0.15	1,847	178.66	0.00
5.80	0.15	1,902	178.68	0.00
5.90	0.16	1,958	178.70	0.00
6.00	0.16	2,015	178.72	0.00
6.10	0.16	2,073	178.74	0.00
6.20	0.17	2,133	178.76	0.00
6.30	0.17	2,195	178.78	0.00
6.40	0.18	2,259	178.80	0.00
6.50	0.19	2,325	178.82	0.00
6.60	0.19	2,393	178.84	0.00
6.70	0.20	2,464	178.86	0.00
6.80	0.21	2,537	178.88	0.00
6.90	0.21	2,612	178.91	0.00
7.00	0.22	2,690	178.93	0.00
7.10	0.23	2,770	178.96	0.00
7.20	0.23	2,852	178.98	0.00
7.30	0.24	2,938	179.01	0.00
7.40	0.25	3,025	179.03	0.00
7.50	0.25	3,115	179.06	0.00
7.60	0.26	3,208	179.09	0.00
7.70	0.27	3,303	179.12	0.00
7.80	0.28	3,401	179.15	0.00
7.90	0.28	3,502	179.17	0.00
8.00	0.29	3,605	179.20	0.00
8.10	0.30	3,709	179.23	0.01
8.20	0.31	3,813	179.26	0.02
8.30	0.31	3,917	179.29	0.03
8.40	0.32	4,021	179.32	0.04
8.50	0.33	4,123	179.35	0.05
8.60	0.34	4,225	179.38	0.05
8.70	0.35	4,328	179.41	0.06
8.80	0.35	4,431	179.44	0.07
8.90	0.36	4,535	179.47	0.07
9.00	0.37	4,640	179.50	0.08
9.10	0.38	4,746	179.52	0.08
9.20	0.40	4,857	179.55	0.09
9.30	0.43	4,974	179.59	0.09
9.40	0.45	5,097	179.62	0.10
9.50	0.47	5,228	179.65	0.10
9.60	0.50	5,366	179.69	0.11
9.70	0.53	5,512	179.73	0.11
9.80	0.55	5,665	179.77	0.12
9.90	0.58	5,825	179.81	0.12
10.00	0.60	5,994	179.85	0.12
10.10	0.63	6,171	179.90	0.13
10.20	0.66	6,355	179.94	0.13
10.30	0.69	6,548	179.99	0.14

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.71	6,750	180.04	0.14
10.50	0.74	6,960	180.09	0.15
10.60	0.79	7,181	180.14	0.15
10.70	0.87	7,423	180.20	0.16
10.80	0.96	7,695	180.27	0.16
10.90	1.06	7,999	180.34	0.17
11.00	1.16	8,338	180.41	0.18
11.10	1.29	8,714	180.50	0.18
11.20	1.46	9,140	180.59	0.19
11.30	1.64	9,595	180.69	0.46
11.40	1.84	9,963	180.77	0.98
11.50	2.03	10,223	180.83	1.44
11.60	2.46	10,428	180.87	1.84
11.70	3.24	10,700	180.93	2.42
11.80	3.94	10,990	180.99	3.09
11.90	5.32	11,367	181.07	4.03
12.00	8.08	11,995	181.19	5.73
12.10	13.70	13,184	181.42	9.30
12.20	16.53	14,664	181.70	14.19
12.30	9.97	14,351	181.64	13.13
12.40	6.40	13,202	181.43	9.36
12.50	4.69	12,313	181.26	6.64
12.60	3.79	11,756	181.14	5.06
12.70	2.86	11,329	181.06	3.93
12.80	2.46	11,016	180.99	3.15
12.90	2.22	10,814	180.95	2.67
13.00	2.00	10,670	180.92	2.35
13.10	1.79	10,552	180.90	2.10
13.20	1.60	10,446	180.88	1.87
13.30	1.47	10,356	180.86	1.69
13.40	1.35	10,280	180.84	1.54
13.50	1.23	10,213	180.83	1.42
13.60	1.12	10,148	180.81	1.30
13.70	1.03	10,087	180.80	1.19
13.80	0.98	10,036	180.79	1.10
13.90	0.95	9,998	180.78	1.04
14.00	0.92	9,969	180.77	0.99
14.10	0.89	9,944	180.77	0.95
14.20	0.86	9,923	180.76	0.91
14.30	0.83	9,904	180.76	0.88
14.40	0.80	9,884	180.76	0.85
14.50	0.77	9,864	180.75	0.82
14.60	0.74	9,845	180.75	0.79
14.70	0.71	9,825	180.74	0.77
14.80	0.68	9,804	180.74	0.74
14.90	0.65	9,784	180.73	0.71
15.00	0.62	9,764	180.73	0.68
15.10	0.59	9,743	180.73	0.65
15.20	0.57	9,724	180.72	0.62
15.30	0.55	9,707	180.72	0.60
15.40	0.54	9,693	180.71	0.58
15.50	0.54	9,681	180.71	0.57

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.53	9,671	180.71	0.55
15.70	0.52	9,663	180.71	0.54
15.80	0.51	9,655	180.71	0.53
15.90	0.50	9,647	180.70	0.52
16.00	0.50	9,640	180.70	0.52
16.10	0.49	9,634	180.70	0.51
16.20	0.48	9,627	180.70	0.50
16.30	0.47	9,620	180.70	0.49
16.40	0.47	9,614	180.70	0.48
16.50	0.46	9,607	180.70	0.48
16.60	0.45	9,600	180.69	0.47
16.70	0.44	9,594	180.69	0.46
16.80	0.43	9,587	180.69	0.45
16.90	0.43	9,581	180.69	0.44
17.00	0.42	9,574	180.69	0.44
17.10	0.41	9,568	180.69	0.43
17.20	0.40	9,561	180.69	0.42
17.30	0.39	9,555	180.68	0.41
17.40	0.39	9,548	180.68	0.40
17.50	0.38	9,541	180.68	0.40
17.60	0.37	9,535	180.68	0.39
17.70	0.36	9,528	180.68	0.38
17.80	0.35	9,521	180.68	0.38
17.90	0.35	9,513	180.68	0.37
18.00	0.34	9,505	180.67	0.36
18.10	0.33	9,496	180.67	0.36
18.20	0.32	9,488	180.67	0.35
18.30	0.32	9,480	180.67	0.34
18.40	0.32	9,474	180.67	0.34
18.50	0.32	9,468	180.67	0.33
18.60	0.31	9,464	180.66	0.33
18.70	0.31	9,460	180.66	0.32
18.80	0.31	9,456	180.66	0.32
18.90	0.31	9,453	180.66	0.32
19.00	0.31	9,450	180.66	0.32
19.10	0.31	9,447	180.66	0.31
19.20	0.30	9,444	180.66	0.31
19.30	0.30	9,442	180.66	0.31
19.40	0.30	9,439	180.66	0.31
19.50	0.30	9,437	180.66	0.30
19.60	0.30	9,435	180.66	0.30
19.70	0.29	9,432	180.66	0.30
19.80	0.29	9,430	180.66	0.30
19.90	0.29	9,428	180.66	0.30
20.00	0.29	9,426	180.66	0.29
20.10	0.29	9,423	180.66	0.29
20.20	0.28	9,421	180.66	0.29
20.30	0.28	9,418	180.66	0.29
20.40	0.28	9,416	180.65	0.29
20.50	0.28	9,414	180.65	0.28
20.60	0.28	9,411	180.65	0.28
20.70	0.27	9,409	180.65	0.28

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	9,407	180.65	0.28
20.90	0.27	9,405	180.65	0.28
21.00	0.27	9,402	180.65	0.27
21.10	0.27	9,400	180.65	0.27
21.20	0.26	9,397	180.65	0.27
21.30	0.26	9,395	180.65	0.27
21.40	0.26	9,393	180.65	0.27
21.50	0.26	9,391	180.65	0.26
21.60	0.26	9,388	180.65	0.26
21.70	0.25	9,386	180.65	0.26
21.80	0.25	9,384	180.65	0.26
21.90	0.25	9,382	180.65	0.26
22.00	0.25	9,379	180.65	0.25
22.10	0.25	9,377	180.65	0.25
22.20	0.24	9,375	180.65	0.25
22.30	0.24	9,372	180.65	0.25
22.40	0.24	9,370	180.64	0.25
22.50	0.24	9,368	180.64	0.24
22.60	0.24	9,365	180.64	0.24
22.70	0.23	9,363	180.64	0.24
22.80	0.23	9,361	180.64	0.24
22.90	0.23	9,358	180.64	0.24
23.00	0.23	9,356	180.64	0.23
23.10	0.23	9,354	180.64	0.23
23.20	0.22	9,352	180.64	0.23
23.30	0.22	9,349	180.64	0.23
23.40	0.22	9,346	180.64	0.23
23.50	0.22	9,344	180.64	0.23
23.60	0.22	9,341	180.64	0.23
23.70	0.21	9,337	180.64	0.22
23.80	0.21	9,334	180.64	0.22
23.90	0.21	9,330	180.64	0.22
24.00	0.22	9,328	180.64	0.22
24.10	0.19	9,326	180.63	0.22
24.20	0.05	9,291	180.63	0.20
24.30	0.01	9,231	180.61	0.19
24.40	0.00	9,166	180.60	0.19
24.50	0.00	9,098	180.58	0.19
24.60	0.00	9,031	180.57	0.19
24.70	0.00	8,964	180.55	0.19
24.80	0.00	8,897	180.54	0.18
24.90	0.00	8,831	180.53	0.18
25.00	0.00	8,765	180.51	0.18
25.10	0.00	8,699	180.50	0.18
25.20	0.00	8,634	180.48	0.18
25.30	0.00	8,569	180.47	0.18
25.40	0.00	8,505	180.45	0.18
25.50	0.00	8,441	180.44	0.18
25.60	0.00	8,378	180.42	0.18
25.70	0.00	8,315	180.41	0.17
25.80	0.00	8,252	180.39	0.17
25.90	0.00	8,189	180.38	0.17

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,128	180.37	0.17
26.10	0.00	8,066	180.35	0.17
26.20	0.00	8,005	180.34	0.17
26.30	0.00	7,944	180.32	0.17
26.40	0.00	7,884	180.31	0.17
26.50	0.00	7,824	180.30	0.17
26.60	0.00	7,764	180.28	0.16
26.70	0.00	7,705	180.27	0.16
26.80	0.00	7,646	180.25	0.16
26.90	0.00	7,588	180.24	0.16
27.00	0.00	7,530	180.23	0.16
27.10	0.00	7,473	180.21	0.16
27.20	0.00	7,416	180.20	0.16
27.30	0.00	7,359	180.19	0.16
27.40	0.00	7,303	180.17	0.16
27.50	0.00	7,247	180.16	0.15
27.60	0.00	7,192	180.15	0.15
27.70	0.00	7,137	180.13	0.15
27.80	0.00	7,082	180.12	0.15
27.90	0.00	7,028	180.11	0.15
28.00	0.00	6,974	180.09	0.15
28.10	0.00	6,921	180.08	0.15
28.20	0.00	6,868	180.07	0.15
28.30	0.00	6,816	180.06	0.15
28.40	0.00	6,764	180.04	0.14
28.50	0.00	6,712	180.03	0.14
28.60	0.00	6,661	180.02	0.14
28.70	0.00	6,610	180.01	0.14
28.80	0.00	6,560	179.99	0.14
28.90	0.00	6,510	179.98	0.14
29.00	0.00	6,461	179.97	0.14
29.10	0.00	6,411	179.96	0.14
29.20	0.00	6,363	179.94	0.13
29.30	0.00	6,315	179.93	0.13
29.40	0.00	6,267	179.92	0.13
29.50	0.00	6,220	179.91	0.13
29.60	0.00	6,173	179.90	0.13
29.70	0.00	6,127	179.89	0.13
29.80	0.00	6,081	179.87	0.13
29.90	0.00	6,035	179.86	0.13
30.00	0.00	5,990	179.85	0.12
30.10	0.00	5,945	179.84	0.12
30.20	0.00	5,901	179.83	0.12
30.30	0.00	5,857	179.82	0.12
30.40	0.00	5,814	179.81	0.12
30.50	0.00	5,771	179.79	0.12
30.60	0.00	5,729	179.78	0.12
30.70	0.00	5,687	179.77	0.12
30.80	0.00	5,645	179.76	0.11
30.90	0.00	5,604	179.75	0.11
31.00	0.00	5,564	179.74	0.11
31.10	0.00	5,524	179.73	0.11

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,484	179.72	0.11
31.30	0.00	5,445	179.71	0.11
31.40	0.00	5,406	179.70	0.11
31.50	0.00	5,368	179.69	0.11
31.60	0.00	5,330	179.68	0.10
31.70	0.00	5,292	179.67	0.10
31.80	0.00	5,255	179.66	0.10
31.90	0.00	5,219	179.65	0.10
32.00	0.00	5,183	179.64	0.10
32.10	0.00	5,147	179.63	0.10
32.20	0.00	5,112	179.62	0.10
32.30	0.00	5,077	179.61	0.10
32.40	0.00	5,043	179.60	0.09
32.50	0.00	5,010	179.60	0.09
32.60	0.00	4,976	179.59	0.09
32.70	0.00	4,943	179.58	0.09
32.80	0.00	4,911	179.57	0.09
32.90	0.00	4,879	179.56	0.09
33.00	0.00	4,848	179.55	0.09
33.10	0.00	4,817	179.54	0.09
33.20	0.00	4,787	179.54	0.08
33.30	0.00	4,757	179.53	0.08
33.40	0.00	4,727	179.52	0.08
33.50	0.00	4,698	179.51	0.08
33.60	0.00	4,670	179.50	0.08
33.70	0.00	4,642	179.50	0.08
33.80	0.00	4,614	179.49	0.08
33.90	0.00	4,587	179.48	0.07
34.00	0.00	4,560	179.47	0.07
34.10	0.00	4,534	179.47	0.07
34.20	0.00	4,508	179.46	0.07
34.30	0.00	4,483	179.45	0.07
34.40	0.00	4,458	179.45	0.07
34.50	0.00	4,434	179.44	0.07
34.60	0.00	4,410	179.43	0.07
34.70	0.00	4,387	179.43	0.06
34.80	0.00	4,364	179.42	0.06
34.90	0.00	4,342	179.41	0.06
35.00	0.00	4,320	179.41	0.06
35.10	0.00	4,299	179.40	0.06
35.20	0.00	4,278	179.40	0.06
35.30	0.00	4,258	179.39	0.06
35.40	0.00	4,238	179.38	0.05
35.50	0.00	4,218	179.38	0.05
35.60	0.00	4,199	179.37	0.05
35.70	0.00	4,181	179.37	0.05
35.80	0.00	4,163	179.36	0.05
35.90	0.00	4,145	179.36	0.05
36.00	0.00	4,128	179.35	0.05
36.10	0.00	4,112	179.35	0.04
36.20	0.00	4,096	179.35	0.04
36.30	0.00	4,081	179.34	0.04

Hydrograph for Pond B-16A: Basin #16A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,066	179.34	0.04
36.50	0.00	4,052	179.33	0.04
36.60	0.00	4,038	179.33	0.04
36.70	0.00	4,025	179.33	0.04
36.80	0.00	4,012	179.32	0.04
36.90	0.00	3,999	179.32	0.03
37.00	0.00	3,987	179.31	0.03
37.10	0.00	3,976	179.31	0.03
37.20	0.00	3,964	179.31	0.03
37.30	0.00	3,954	179.31	0.03
37.40	0.00	3,943	179.30	0.03
37.50	0.00	3,933	179.30	0.03
37.60	0.00	3,924	179.30	0.03
37.70	0.00	3,914	179.29	0.03
37.80	0.00	3,905	179.29	0.02
37.90	0.00	3,897	179.29	0.02
38.00	0.00	3,888	179.29	0.02
38.10	0.00	3,880	179.28	0.02
38.20	0.00	3,872	179.28	0.02
38.30	0.00	3,865	179.28	0.02
38.40	0.00	3,857	179.28	0.02
38.50	0.00	3,850	179.28	0.02
38.60	0.00	3,844	179.27	0.02
38.70	0.00	3,837	179.27	0.02
38.80	0.00	3,830	179.27	0.02
38.90	0.00	3,824	179.27	0.02
39.00	0.00	3,818	179.27	0.02
39.10	0.00	3,812	179.26	0.02
39.20	0.00	3,806	179.26	0.02
39.30	0.00	3,801	179.26	0.02
39.40	0.00	3,795	179.26	0.01
39.50	0.00	3,790	179.26	0.01
39.60	0.00	3,785	179.26	0.01
39.70	0.00	3,780	179.26	0.01
39.80	0.00	3,775	179.25	0.01
39.90	0.00	3,771	179.25	0.01
40.00	0.00	3,766	179.25	0.01

Stage-Discharge for Pond B-16A: Basin #16A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.00	179.56	0.09
178.01	0.00	178.53	0.00	179.05	0.00	179.57	0.09
178.02	0.00	178.54	0.00	179.06	0.00	179.58	0.09
178.03	0.00	178.55	0.00	179.07	0.00	179.59	0.09
178.04	0.00	178.56	0.00	179.08	0.00	179.60	0.09
178.05	0.00	178.57	0.00	179.09	0.00	179.61	0.10
178.06	0.00	178.58	0.00	179.10	0.00	179.62	0.10
178.07	0.00	178.59	0.00	179.11	0.00	179.63	0.10
178.08	0.00	178.60	0.00	179.12	0.00	179.64	0.10
178.09	0.00	178.61	0.00	179.13	0.00	179.65	0.10
178.10	0.00	178.62	0.00	179.14	0.00	179.66	0.10
178.11	0.00	178.63	0.00	179.15	0.00	179.67	0.10
178.12	0.00	178.64	0.00	179.16	0.00	179.68	0.10
178.13	0.00	178.65	0.00	179.17	0.00	179.69	0.11
178.14	0.00	178.66	0.00	179.18	0.00	179.70	0.11
178.15	0.00	178.67	0.00	179.19	0.00	179.71	0.11
178.16	0.00	178.68	0.00	179.20	0.00	179.72	0.11
178.17	0.00	178.69	0.00	179.21	0.00	179.73	0.11
178.18	0.00	178.70	0.00	179.22	0.00	179.74	0.11
178.19	0.00	178.71	0.00	179.23	0.01	179.75	0.11
178.20	0.00	178.72	0.00	179.24	0.01	179.76	0.11
178.21	0.00	178.73	0.00	179.25	0.01	179.77	0.12
178.22	0.00	178.74	0.00	179.26	0.01	179.78	0.12
178.23	0.00	178.75	0.00	179.27	0.02	179.79	0.12
178.24	0.00	178.76	0.00	179.28	0.02	179.80	0.12
178.25	0.00	178.77	0.00	179.29	0.02	179.81	0.12
178.26	0.00	178.78	0.00	179.30	0.03	179.82	0.12
178.27	0.00	178.79	0.00	179.31	0.03	179.83	0.12
178.28	0.00	178.80	0.00	179.32	0.03	179.84	0.12
178.29	0.00	178.81	0.00	179.33	0.04	179.85	0.12
178.30	0.00	178.82	0.00	179.34	0.04	179.86	0.13
178.31	0.00	178.83	0.00	179.35	0.05	179.87	0.13
178.32	0.00	178.84	0.00	179.36	0.05	179.88	0.13
178.33	0.00	178.85	0.00	179.37	0.05	179.89	0.13
178.34	0.00	178.86	0.00	179.38	0.05	179.90	0.13
178.35	0.00	178.87	0.00	179.39	0.06	179.91	0.13
178.36	0.00	178.88	0.00	179.40	0.06	179.92	0.13
178.37	0.00	178.89	0.00	179.41	0.06	179.93	0.13
178.38	0.00	178.90	0.00	179.42	0.06	179.94	0.13
178.39	0.00	178.91	0.00	179.43	0.06	179.95	0.13
178.40	0.00	178.92	0.00	179.44	0.07	179.96	0.14
178.41	0.00	178.93	0.00	179.45	0.07	179.97	0.14
178.42	0.00	178.94	0.00	179.46	0.07	179.98	0.14
178.43	0.00	178.95	0.00	179.47	0.07	179.99	0.14
178.44	0.00	178.96	0.00	179.48	0.07	180.00	0.14
178.45	0.00	178.97	0.00	179.49	0.08	180.01	0.14
178.46	0.00	178.98	0.00	179.50	0.08	180.02	0.14
178.47	0.00	178.99	0.00	179.51	0.08	180.03	0.14
178.48	0.00	179.00	0.00	179.52	0.08	180.04	0.14
178.49	0.00	179.01	0.00	179.53	0.08	180.05	0.14
178.50	0.00	179.02	0.00	179.54	0.08	180.06	0.15
178.51	0.00	179.03	0.00	179.55	0.09	180.07	0.15

Stage-Discharge for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.15	180.60	0.19	181.12	4.73	181.64	13.04
180.09	0.15	180.61	0.19	181.13	4.87	181.65	13.22
180.10	0.15	180.62	0.19	181.14	5.00	181.66	13.40
180.11	0.15	180.63	0.20	181.15	5.14	181.67	13.59
180.12	0.15	180.64	0.23	181.16	5.28	181.68	13.77
180.13	0.15	180.65	0.26	181.17	5.41	181.69	13.96
180.14	0.15	180.66	0.30	181.18	5.55	181.70	14.14
180.15	0.15	180.67	0.34	181.19	5.70	181.71	14.33
180.16	0.15	180.68	0.39	181.20	5.84	181.72	14.52
180.17	0.16	180.69	0.44	181.21	5.98	181.73	14.70
180.18	0.16	180.70	0.49	181.22	6.13	181.74	14.89
180.19	0.16	180.71	0.55	181.23	6.27	181.75	15.08
180.20	0.16	180.72	0.61	181.24	6.42	181.76	15.27
180.21	0.16	180.73	0.67	181.25	6.57	181.77	15.46
180.22	0.16	180.74	0.74	181.26	6.71	181.78	15.65
180.23	0.16	180.75	0.81	181.27	6.86	181.79	15.85
180.24	0.16	180.76	0.88	181.28	7.01	181.80	16.04
180.25	0.16	180.77	0.95	181.29	7.17	181.81	16.23
180.26	0.16	180.78	1.03	181.30	7.32	181.82	16.42
180.27	0.16	180.79	1.11	181.31	7.47	181.83	16.62
180.28	0.16	180.80	1.19	181.32	7.63	181.84	16.81
180.29	0.17	180.81	1.28	181.33	7.78	181.85	17.01
180.30	0.17	180.82	1.36	181.34	7.94	181.86	17.21
180.31	0.17	180.83	1.45	181.35	8.10	181.87	17.40
180.32	0.17	180.84	1.54	181.36	8.26	181.88	17.60
180.33	0.17	180.85	1.63	181.37	8.41	181.89	17.80
180.34	0.17	180.86	1.73	181.38	8.58	181.90	18.00
180.35	0.17	180.87	1.82	181.39	8.74	181.91	18.07
180.36	0.17	180.88	1.92	181.40	8.90	181.92	18.09
180.37	0.17	180.89	2.02	181.41	9.06	181.93	18.11
180.38	0.17	180.90	2.12	181.42	9.23	181.94	18.13
180.39	0.17	180.91	2.22	181.43	9.39	181.95	18.15
180.40	0.17	180.92	2.33	181.44	9.56	181.96	18.29
180.41	0.17	180.93	2.43	181.45	9.72	181.97	18.52
180.42	0.18	180.94	2.54	181.46	9.89	181.98	18.82
180.43	0.18	180.95	2.65	181.47	10.06	181.99	19.17
180.44	0.18	180.96	2.76	181.48	10.23	182.00	19.56
180.45	0.18	180.97	2.87	181.49	10.40		
180.46	0.18	180.98	2.99	181.50	10.57		
180.47	0.18	180.99	3.10	181.51	10.74		
180.48	0.18	181.00	3.22	181.52	10.91		
180.49	0.18	181.01	3.34	181.53	11.08		
180.50	0.18	181.02	3.46	181.54	11.26		
180.51	0.18	181.03	3.58	181.55	11.43		
180.52	0.18	181.04	3.70	181.56	11.61		
180.53	0.18	181.05	3.83	181.57	11.78		
180.54	0.18	181.06	3.95	181.58	11.96		
180.55	0.19	181.07	4.08	181.59	12.14		
180.56	0.19	181.08	4.21	181.60	12.32		
180.57	0.19	181.09	4.34	181.61	12.50		
180.58	0.19	181.10	4.47	181.62	12.68		
180.59	0.19	181.11	4.60	181.63	12.86		

Stage-Area-Storage for Pond B-16A: Basin #16A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	2,543	0	178.52	2,930	1,423
178.01	2,550	25	178.53	2,937	1,452
178.02	2,558	51	178.54	2,945	1,482
178.03	2,565	77	178.55	2,952	1,511
178.04	2,573	102	178.56	2,960	1,541
178.05	2,580	128	178.57	2,967	1,570
178.06	2,588	154	178.58	2,975	1,600
178.07	2,595	180	178.59	2,982	1,630
178.08	2,603	206	178.60	2,989	1,660
178.09	2,610	232	178.61	2,997	1,690
178.10	2,617	258	178.62	3,004	1,720
178.11	2,625	284	178.63	3,012	1,750
178.12	2,632	311	178.64	3,019	1,780
178.13	2,640	337	178.65	3,027	1,810
178.14	2,647	363	178.66	3,034	1,840
178.15	2,655	390	178.67	3,041	1,871
178.16	2,662	416	178.68	3,049	1,901
178.17	2,669	443	178.69	3,056	1,932
178.18	2,677	470	178.70	3,064	1,962
178.19	2,684	497	178.71	3,071	1,993
178.20	2,692	523	178.72	3,079	2,024
178.21	2,699	550	178.73	3,086	2,055
178.22	2,707	577	178.74	3,094	2,086
178.23	2,714	605	178.75	3,101	2,117
178.24	2,722	632	178.76	3,108	2,148
178.25	2,729	659	178.77	3,116	2,179
178.26	2,736	686	178.78	3,123	2,210
178.27	2,744	714	178.79	3,131	2,241
178.28	2,751	741	178.80	3,138	2,272
178.29	2,759	769	178.81	3,146	2,304
178.30	2,766	796	178.82	3,153	2,335
178.31	2,774	824	178.83	3,161	2,367
178.32	2,781	852	178.84	3,168	2,399
178.33	2,789	880	178.85	3,175	2,430
178.34	2,796	908	178.86	3,183	2,462
178.35	2,803	936	178.87	3,190	2,494
178.36	2,811	964	178.88	3,198	2,526
178.37	2,818	992	178.89	3,205	2,558
178.38	2,826	1,020	178.90	3,213	2,590
178.39	2,833	1,048	178.91	3,220	2,622
178.40	2,841	1,077	178.92	3,227	2,654
178.41	2,848	1,105	178.93	3,235	2,687
178.42	2,855	1,134	178.94	3,242	2,719
178.43	2,863	1,162	178.95	3,250	2,752
178.44	2,870	1,191	178.96	3,257	2,784
178.45	2,878	1,220	178.97	3,265	2,817
178.46	2,885	1,248	178.98	3,272	2,849
178.47	2,893	1,277	178.99	3,280	2,882
178.48	2,900	1,306	179.00	3,287	2,915
178.49	2,908	1,335	179.01	3,295	2,948
178.50	2,915	1,365	179.02	3,302	2,981
178.51	2,922	1,394	179.03	3,310	3,014

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,318	3,047	179.56	3,719	4,877
179.05	3,326	3,080	179.57	3,727	4,914
179.06	3,333	3,114	179.58	3,735	4,951
179.07	3,341	3,147	179.59	3,742	4,989
179.08	3,349	3,180	179.60	3,750	5,026
179.09	3,356	3,214	179.61	3,758	5,064
179.10	3,364	3,248	179.62	3,766	5,101
179.11	3,372	3,281	179.63	3,773	5,139
179.12	3,380	3,315	179.64	3,781	5,177
179.13	3,387	3,349	179.65	3,789	5,215
179.14	3,395	3,383	179.66	3,797	5,253
179.15	3,403	3,417	179.67	3,804	5,291
179.16	3,411	3,451	179.68	3,812	5,329
179.17	3,418	3,485	179.69	3,820	5,367
179.18	3,426	3,519	179.70	3,827	5,405
179.19	3,434	3,553	179.71	3,835	5,443
179.20	3,441	3,588	179.72	3,843	5,482
179.21	3,449	3,622	179.73	3,851	5,520
179.22	3,457	3,657	179.74	3,858	5,559
179.23	3,465	3,691	179.75	3,866	5,597
179.24	3,472	3,726	179.76	3,874	5,636
179.25	3,480	3,761	179.77	3,881	5,675
179.26	3,488	3,796	179.78	3,889	5,714
179.27	3,495	3,831	179.79	3,897	5,753
179.28	3,503	3,866	179.80	3,905	5,792
179.29	3,511	3,901	179.81	3,912	5,831
179.30	3,519	3,936	179.82	3,920	5,870
179.31	3,526	3,971	179.83	3,928	5,909
179.32	3,534	4,006	179.84	3,935	5,948
179.33	3,542	4,042	179.85	3,943	5,988
179.34	3,549	4,077	179.86	3,951	6,027
179.35	3,557	4,113	179.87	3,959	6,067
179.36	3,565	4,148	179.88	3,966	6,106
179.37	3,573	4,184	179.89	3,974	6,146
179.38	3,580	4,220	179.90	3,982	6,186
179.39	3,588	4,256	179.91	3,990	6,226
179.40	3,596	4,292	179.92	3,997	6,266
179.41	3,604	4,328	179.93	4,005	6,306
179.42	3,611	4,364	179.94	4,013	6,346
179.43	3,619	4,400	179.95	4,020	6,386
179.44	3,627	4,436	179.96	4,028	6,426
179.45	3,634	4,472	179.97	4,036	6,467
179.46	3,642	4,509	179.98	4,044	6,507
179.47	3,650	4,545	179.99	4,051	6,547
179.48	3,658	4,582	180.00	4,059	6,588
179.49	3,665	4,618	180.01	4,067	6,629
179.50	3,673	4,655	180.02	4,075	6,669
179.51	3,681	4,692	180.03	4,083	6,710
179.52	3,688	4,729	180.04	4,091	6,751
179.53	3,696	4,766	180.05	4,099	6,792
179.54	3,704	4,803	180.06	4,107	6,833
179.55	3,712	4,840	180.07	4,115	6,874

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,123	6,915	180.60	4,538	9,167
180.09	4,131	6,957	180.61	4,546	9,213
180.10	4,139	6,998	180.62	4,554	9,258
180.11	4,147	7,039	180.63	4,562	9,304
180.12	4,155	7,081	180.64	4,570	9,349
180.13	4,163	7,122	180.65	4,578	9,395
180.14	4,171	7,164	180.66	4,586	9,441
180.15	4,179	7,206	180.67	4,594	9,487
180.16	4,187	7,248	180.68	4,602	9,533
180.17	4,195	7,290	180.69	4,610	9,579
180.18	4,203	7,332	180.70	4,618	9,625
180.19	4,211	7,374	180.71	4,626	9,671
180.20	4,219	7,416	180.72	4,634	9,718
180.21	4,227	7,458	180.73	4,642	9,764
180.22	4,235	7,500	180.74	4,650	9,810
180.23	4,243	7,543	180.75	4,658	9,857
180.24	4,251	7,585	180.76	4,666	9,904
180.25	4,259	7,628	180.77	4,674	9,950
180.26	4,267	7,670	180.78	4,682	9,997
180.27	4,275	7,713	180.79	4,690	10,044
180.28	4,283	7,756	180.80	4,698	10,091
180.29	4,291	7,799	180.81	4,706	10,138
180.30	4,299	7,842	180.82	4,714	10,185
180.31	4,307	7,885	180.83	4,722	10,232
180.32	4,315	7,928	180.84	4,730	10,279
180.33	4,323	7,971	180.85	4,738	10,327
180.34	4,331	8,014	180.86	4,746	10,374
180.35	4,339	8,058	180.87	4,754	10,422
180.36	4,347	8,101	180.88	4,762	10,469
180.37	4,355	8,145	180.89	4,770	10,517
180.38	4,363	8,188	180.90	4,778	10,565
180.39	4,371	8,232	180.91	4,786	10,613
180.40	4,379	8,276	180.92	4,794	10,660
180.41	4,387	8,319	180.93	4,802	10,708
180.42	4,395	8,363	180.94	4,810	10,756
180.43	4,403	8,407	180.95	4,818	10,805
180.44	4,411	8,451	180.96	4,826	10,853
180.45	4,419	8,495	180.97	4,834	10,901
180.46	4,427	8,540	180.98	4,842	10,949
180.47	4,435	8,584	180.99	4,850	10,998
180.48	4,443	8,628	181.00	4,858	11,047
180.49	4,451	8,673	181.01	4,866	11,095
180.50	4,459	8,717	181.02	4,875	11,144
180.51	4,466	8,762	181.03	4,883	11,193
180.52	4,474	8,807	181.04	4,891	11,241
180.53	4,482	8,851	181.05	4,899	11,290
180.54	4,490	8,896	181.06	4,908	11,339
180.55	4,498	8,941	181.07	4,916	11,389
180.56	4,506	8,986	181.08	4,924	11,438
180.57	4,514	9,031	181.09	4,932	11,487
180.58	4,522	9,077	181.10	4,941	11,536
180.59	4,530	9,122	181.11	4,949	11,586

Stage-Area-Storage for Pond B-16A: Basin #16A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	4,957	11,635	181.64	5,387	14,325
181.13	4,966	11,685	181.65	5,396	14,379
181.14	4,974	11,735	181.66	5,404	14,433
181.15	4,982	11,785	181.67	5,412	14,487
181.16	4,990	11,834	181.68	5,420	14,541
181.17	4,999	11,884	181.69	5,429	14,595
181.18	5,007	11,934	181.70	5,437	14,650
181.19	5,015	11,984	181.71	5,445	14,704
181.20	5,023	12,035	181.72	5,453	14,759
181.21	5,032	12,085	181.73	5,462	14,813
181.22	5,040	12,135	181.74	5,470	14,868
181.23	5,048	12,186	181.75	5,478	14,923
181.24	5,056	12,236	181.76	5,487	14,977
181.25	5,065	12,287	181.77	5,495	15,032
181.26	5,073	12,338	181.78	5,503	15,087
181.27	5,081	12,388	181.79	5,511	15,142
181.28	5,090	12,439	181.80	5,520	15,198
181.29	5,098	12,490	181.81	5,528	15,253
181.30	5,106	12,541	181.82	5,536	15,308
181.31	5,114	12,592	181.83	5,544	15,364
181.32	5,123	12,643	181.84	5,553	15,419
181.33	5,131	12,695	181.85	5,561	15,475
181.34	5,139	12,746	181.86	5,569	15,530
181.35	5,147	12,797	181.87	5,577	15,586
181.36	5,156	12,849	181.88	5,586	15,642
181.37	5,164	12,901	181.89	5,594	15,698
181.38	5,172	12,952	181.90	5,602	15,754
181.39	5,181	13,004	181.91	5,611	15,810
181.40	5,189	13,056	181.92	5,619	15,866
181.41	5,197	13,108	181.93	5,627	15,922
181.42	5,205	13,160	181.94	5,635	15,978
181.43	5,214	13,212	181.95	5,644	16,035
181.44	5,222	13,264	181.96	5,652	16,091
181.45	5,230	13,316	181.97	5,660	16,148
181.46	5,238	13,369	181.98	5,668	16,204
181.47	5,247	13,421	181.99	5,677	16,261
181.48	5,255	13,474	182.00	5,685	16,318
181.49	5,263	13,526			
181.50	5,272	13,579			
181.51	5,280	13,632			
181.52	5,288	13,684			
181.53	5,296	13,737			
181.54	5,305	13,790			
181.55	5,313	13,843			
181.56	5,321	13,897			
181.57	5,329	13,950			
181.58	5,338	14,003			
181.59	5,346	14,057			
181.60	5,354	14,110			
181.61	5,362	14,164			
181.62	5,371	14,217			
181.63	5,379	14,271			

Summary for Pond B-16B: Basin #16B

Inflow Area = 1.877 ac, 43.74% Impervious, Inflow Depth = 9.06" for Future 100 yr event
 Inflow = 17.10 cfs @ 12.17 hrs, Volume= 1.418 af
 Outflow = 14.53 cfs @ 12.23 hrs, Volume= 1.333 af, Atten= 15%, Lag= 3.9 min
 Primary = 14.53 cfs @ 12.23 hrs, Volume= 1.333 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.43' @ 12.23 hrs Surf.Area= 5,463 sf Storage= 14,665 cf

Plug-Flow detention time= 180.1 min calculated for 1.333 af (94% of inflow)
 Center-of-Mass det. time= 145.8 min (920.4 - 774.5)

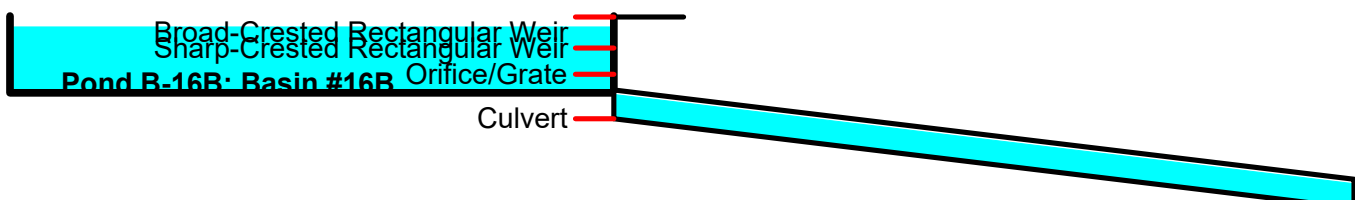
Volume	Invert	Avail.Storage	Storage Description
#1	178.00'	17,892 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
178.00	3,145	0	0
179.00	3,781	3,463	3,463
180.00	4,451	4,116	7,579
181.00	5,149	4,800	12,379
182.00	5,877	5,513	17,892

Device	Routing	Invert	Outlet Devices
#1	Primary	176.65'	18.0" Round Culvert L= 53.0' Ke= 0.500 Inlet / Outlet Invert= 176.65' / 172.00' S= 0.0877 ' S= 0.0877 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	178.97'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	180.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

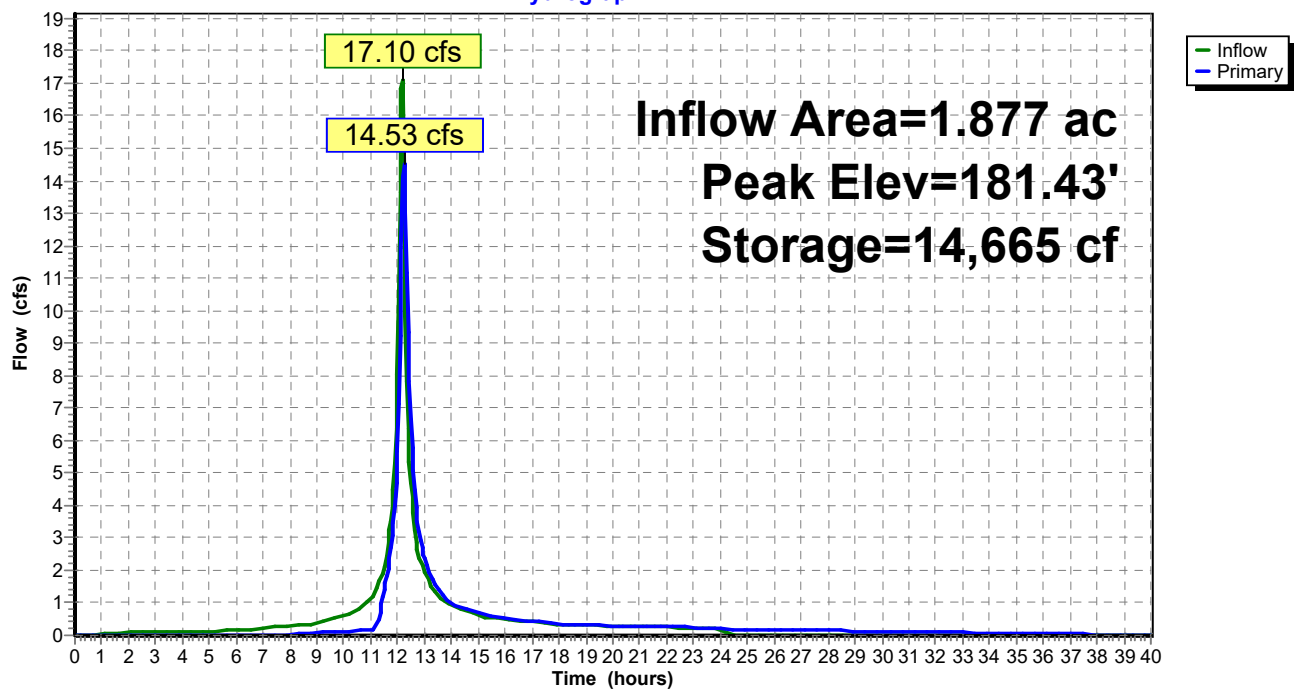
Primary OutFlow Max=14.35 cfs @ 12.23 hrs HW=181.42' (Free Discharge)

- 1=Culvert (Passes 14.35 cfs of 17.06 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.38 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 14.10 cfs @ 3.42 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-16B: Basin #16B

Hydrograph



Hydrograph for Pond B-16B: Basin #16B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	178.00	0.00
0.10	0.00	0	178.00	0.00
0.20	0.00	0	178.00	0.00
0.30	0.00	0	178.00	0.00
0.40	0.00	0	178.00	0.00
0.50	0.00	1	178.00	0.00
0.60	0.01	3	178.00	0.00
0.70	0.02	9	178.00	0.00
0.80	0.03	18	178.01	0.00
0.90	0.03	29	178.01	0.00
1.00	0.04	42	178.01	0.00
1.10	0.05	58	178.02	0.00
1.20	0.05	76	178.02	0.00
1.30	0.06	95	178.03	0.00
1.40	0.06	116	178.04	0.00
1.50	0.06	139	178.04	0.00
1.60	0.07	162	178.05	0.00
1.70	0.07	187	178.06	0.00
1.80	0.07	214	178.07	0.00
1.90	0.08	241	178.08	0.00
2.00	0.08	269	178.08	0.00
2.10	0.08	299	178.09	0.00
2.20	0.09	329	178.10	0.00
2.30	0.09	360	178.11	0.00
2.40	0.09	392	178.12	0.00
2.50	0.09	425	178.13	0.00
2.60	0.09	458	178.14	0.00
2.70	0.10	492	178.15	0.00
2.80	0.10	527	178.16	0.00
2.90	0.10	562	178.18	0.00
3.00	0.10	599	178.19	0.00
3.10	0.10	635	178.20	0.00
3.20	0.10	673	178.21	0.00
3.30	0.11	711	178.22	0.00
3.40	0.11	749	178.23	0.00
3.50	0.11	788	178.24	0.00
3.60	0.11	828	178.26	0.00
3.70	0.11	868	178.27	0.00
3.80	0.11	909	178.28	0.00
3.90	0.12	950	178.29	0.00
4.00	0.12	992	178.31	0.00
4.10	0.12	1,034	178.32	0.00
4.20	0.12	1,076	178.33	0.00
4.30	0.12	1,119	178.34	0.00
4.40	0.12	1,163	178.36	0.00
4.50	0.12	1,207	178.37	0.00
4.60	0.12	1,252	178.38	0.00
4.70	0.13	1,297	178.40	0.00
4.80	0.13	1,342	178.41	0.00
4.90	0.13	1,388	178.42	0.00
5.00	0.13	1,434	178.44	0.00
5.10	0.13	1,481	178.45	0.00

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,528	178.46	0.00
5.30	0.13	1,576	178.48	0.00
5.40	0.14	1,625	178.49	0.00
5.50	0.14	1,675	178.51	0.00
5.60	0.14	1,726	178.52	0.00
5.70	0.15	1,778	178.54	0.00
5.80	0.15	1,832	178.55	0.00
5.90	0.15	1,886	178.57	0.00
6.00	0.15	1,941	178.58	0.00
6.10	0.16	1,997	178.60	0.00
6.20	0.16	2,055	178.62	0.00
6.30	0.17	2,115	178.63	0.00
6.40	0.18	2,177	178.65	0.00
6.50	0.18	2,241	178.67	0.00
6.60	0.19	2,308	178.69	0.00
6.70	0.19	2,377	178.71	0.00
6.80	0.20	2,448	178.73	0.00
6.90	0.21	2,521	178.75	0.00
7.00	0.21	2,597	178.77	0.00
7.10	0.22	2,675	178.79	0.00
7.20	0.23	2,755	178.81	0.00
7.30	0.23	2,838	178.83	0.00
7.40	0.24	2,924	178.86	0.00
7.50	0.25	3,012	178.88	0.00
7.60	0.26	3,103	178.90	0.00
7.70	0.26	3,196	178.93	0.00
7.80	0.27	3,291	178.95	0.00
7.90	0.28	3,390	178.98	0.00
8.00	0.29	3,490	179.01	0.00
8.10	0.29	3,592	179.03	0.01
8.20	0.30	3,695	179.06	0.02
8.30	0.31	3,798	179.09	0.02
8.40	0.32	3,900	179.11	0.03
8.50	0.32	4,001	179.14	0.04
8.60	0.33	4,103	179.17	0.05
8.70	0.34	4,204	179.19	0.06
8.80	0.35	4,307	179.22	0.06
8.90	0.36	4,410	179.25	0.07
9.00	0.36	4,514	179.27	0.07
9.10	0.38	4,620	179.30	0.08
9.20	0.40	4,730	179.33	0.08
9.30	0.42	4,846	179.35	0.09
9.40	0.44	4,969	179.39	0.09
9.50	0.47	5,100	179.42	0.10
9.60	0.49	5,237	179.45	0.10
9.70	0.52	5,382	179.49	0.11
9.80	0.54	5,534	179.52	0.11
9.90	0.57	5,694	179.56	0.11
10.00	0.60	5,862	179.60	0.12
10.10	0.62	6,037	179.64	0.12
10.20	0.65	6,221	179.69	0.13
10.30	0.68	6,413	179.73	0.13

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.71	6,614	179.78	0.14
10.50	0.74	6,823	179.83	0.14
10.60	0.78	7,043	179.88	0.15
10.70	0.86	7,284	179.93	0.15
10.80	0.95	7,555	179.99	0.16
10.90	1.05	7,858	180.06	0.16
11.00	1.15	8,195	180.14	0.17
11.10	1.27	8,569	180.22	0.18
11.20	1.44	8,993	180.31	0.18
11.30	1.63	9,443	180.41	0.46
11.40	1.83	9,807	180.48	0.97
11.50	2.02	10,068	180.54	1.42
11.60	2.44	10,275	180.58	1.81
11.70	3.22	10,550	180.64	2.38
11.80	3.91	10,845	180.70	3.05
11.90	5.30	11,228	180.77	3.99
12.00	8.05	11,861	180.90	5.67
12.10	13.66	13,058	181.13	9.23
12.20	16.48	14,547	181.41	14.13
12.30	9.95	14,242	181.35	13.09
12.40	6.38	13,095	181.14	9.35
12.50	4.68	12,203	180.97	6.65
12.60	3.79	11,642	180.86	5.07
12.70	2.86	11,209	180.77	3.94
12.80	2.46	10,891	180.71	3.16
12.90	2.21	10,684	180.66	2.68
13.00	1.99	10,537	180.63	2.36
13.10	1.79	10,416	180.61	2.10
13.20	1.60	10,308	180.59	1.88
13.30	1.46	10,216	180.57	1.70
13.40	1.35	10,139	180.55	1.55
13.50	1.23	10,069	180.54	1.42
13.60	1.12	10,003	180.52	1.30
13.70	1.03	9,941	180.51	1.19
13.80	0.98	9,888	180.50	1.10
13.90	0.94	9,849	180.49	1.04
14.00	0.92	9,820	180.48	0.99
14.10	0.89	9,795	180.48	0.95
14.20	0.86	9,773	180.48	0.92
14.30	0.83	9,752	180.47	0.88
14.40	0.80	9,732	180.47	0.85
14.50	0.77	9,711	180.46	0.82
14.60	0.74	9,691	180.46	0.79
14.70	0.71	9,671	180.45	0.76
14.80	0.68	9,651	180.45	0.73
14.90	0.65	9,631	180.45	0.70
15.00	0.62	9,611	180.44	0.68
15.10	0.59	9,590	180.44	0.65
15.20	0.57	9,569	180.43	0.62
15.30	0.55	9,551	180.43	0.60
15.40	0.54	9,536	180.43	0.58
15.50	0.54	9,524	180.42	0.57

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.53	9,514	180.42	0.55
15.70	0.52	9,505	180.42	0.54
15.80	0.51	9,498	180.42	0.53
15.90	0.50	9,490	180.42	0.52
16.00	0.50	9,483	180.41	0.52
16.10	0.49	9,477	180.41	0.51
16.20	0.48	9,470	180.41	0.50
16.30	0.47	9,464	180.41	0.49
16.40	0.46	9,457	180.41	0.48
16.50	0.46	9,451	180.41	0.47
16.60	0.45	9,444	180.41	0.47
16.70	0.44	9,438	180.40	0.46
16.80	0.43	9,432	180.40	0.45
16.90	0.43	9,425	180.40	0.44
17.00	0.42	9,419	180.40	0.44
17.10	0.41	9,413	180.40	0.43
17.20	0.40	9,406	180.40	0.42
17.30	0.39	9,399	180.40	0.42
17.40	0.39	9,391	180.39	0.41
17.50	0.38	9,383	180.39	0.40
17.60	0.37	9,375	180.39	0.39
17.70	0.36	9,367	180.39	0.39
17.80	0.35	9,359	180.39	0.38
17.90	0.35	9,351	180.39	0.37
18.00	0.34	9,342	180.38	0.36
18.10	0.33	9,334	180.38	0.35
18.20	0.32	9,325	180.38	0.35
18.30	0.32	9,318	180.38	0.34
18.40	0.32	9,312	180.38	0.33
18.50	0.32	9,307	180.38	0.33
18.60	0.31	9,303	180.38	0.33
18.70	0.31	9,299	180.38	0.32
18.80	0.31	9,296	180.37	0.32
18.90	0.31	9,293	180.37	0.32
19.00	0.31	9,291	180.37	0.31
19.10	0.30	9,288	180.37	0.31
19.20	0.30	9,286	180.37	0.31
19.30	0.30	9,284	180.37	0.31
19.40	0.30	9,281	180.37	0.31
19.50	0.30	9,279	180.37	0.30
19.60	0.29	9,277	180.37	0.30
19.70	0.29	9,275	180.37	0.30
19.80	0.29	9,273	180.37	0.30
19.90	0.29	9,271	180.37	0.30
20.00	0.29	9,269	180.37	0.29
20.10	0.29	9,267	180.37	0.29
20.20	0.28	9,264	180.37	0.29
20.30	0.28	9,262	180.37	0.29
20.40	0.28	9,260	180.37	0.29
20.50	0.28	9,258	180.37	0.28
20.60	0.28	9,256	180.37	0.28
20.70	0.27	9,254	180.37	0.28

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	9,252	180.37	0.28
20.90	0.27	9,250	180.36	0.28
21.00	0.27	9,247	180.36	0.27
21.10	0.27	9,245	180.36	0.27
21.20	0.26	9,243	180.36	0.27
21.30	0.26	9,241	180.36	0.27
21.40	0.26	9,239	180.36	0.27
21.50	0.26	9,237	180.36	0.26
21.60	0.26	9,235	180.36	0.26
21.70	0.25	9,233	180.36	0.26
21.80	0.25	9,230	180.36	0.26
21.90	0.25	9,228	180.36	0.26
22.00	0.25	9,226	180.36	0.25
22.10	0.25	9,224	180.36	0.25
22.20	0.24	9,221	180.36	0.25
22.30	0.24	9,219	180.36	0.25
22.40	0.24	9,216	180.36	0.25
22.50	0.24	9,212	180.36	0.25
22.60	0.24	9,209	180.36	0.25
22.70	0.23	9,206	180.36	0.24
22.80	0.23	9,202	180.35	0.24
22.90	0.23	9,199	180.35	0.24
23.00	0.23	9,195	180.35	0.24
23.10	0.23	9,191	180.35	0.24
23.20	0.22	9,188	180.35	0.23
23.30	0.22	9,184	180.35	0.23
23.40	0.22	9,180	180.35	0.23
23.50	0.22	9,176	180.35	0.23
23.60	0.22	9,172	180.35	0.23
23.70	0.21	9,168	180.35	0.22
23.80	0.21	9,164	180.35	0.22
23.90	0.21	9,160	180.35	0.22
24.00	0.22	9,158	180.35	0.22
24.10	0.19	9,156	180.34	0.22
24.20	0.05	9,121	180.34	0.20
24.30	0.01	9,063	180.33	0.18
24.40	0.00	9,000	180.31	0.18
24.50	0.00	8,935	180.30	0.18
24.60	0.00	8,870	180.28	0.18
24.70	0.00	8,805	180.27	0.18
24.80	0.00	8,740	180.26	0.18
24.90	0.00	8,676	180.24	0.18
25.00	0.00	8,613	180.23	0.18
25.10	0.00	8,549	180.21	0.18
25.20	0.00	8,487	180.20	0.17
25.30	0.00	8,424	180.19	0.17
25.40	0.00	8,362	180.17	0.17
25.50	0.00	8,300	180.16	0.17
25.60	0.00	8,239	180.15	0.17
25.70	0.00	8,178	180.13	0.17
25.80	0.00	8,117	180.12	0.17
25.90	0.00	8,057	180.11	0.17

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,997	180.09	0.17
26.10	0.00	7,938	180.08	0.16
26.20	0.00	7,879	180.07	0.16
26.30	0.00	7,820	180.05	0.16
26.40	0.00	7,762	180.04	0.16
26.50	0.00	7,704	180.03	0.16
26.60	0.00	7,646	180.02	0.16
26.70	0.00	7,589	180.00	0.16
26.80	0.00	7,532	179.99	0.16
26.90	0.00	7,476	179.98	0.16
27.00	0.00	7,420	179.96	0.15
27.10	0.00	7,364	179.95	0.15
27.20	0.00	7,309	179.94	0.15
27.30	0.00	7,255	179.93	0.15
27.40	0.00	7,200	179.91	0.15
27.50	0.00	7,146	179.90	0.15
27.60	0.00	7,093	179.89	0.15
27.70	0.00	7,040	179.88	0.15
27.80	0.00	6,987	179.87	0.15
27.90	0.00	6,934	179.85	0.14
28.00	0.00	6,882	179.84	0.14
28.10	0.00	6,831	179.83	0.14
28.20	0.00	6,780	179.82	0.14
28.30	0.00	6,729	179.81	0.14
28.40	0.00	6,679	179.79	0.14
28.50	0.00	6,629	179.78	0.14
28.60	0.00	6,579	179.77	0.14
28.70	0.00	6,530	179.76	0.14
28.80	0.00	6,481	179.75	0.13
28.90	0.00	6,433	179.74	0.13
29.00	0.00	6,385	179.73	0.13
29.10	0.00	6,338	179.71	0.13
29.20	0.00	6,290	179.70	0.13
29.30	0.00	6,244	179.69	0.13
29.40	0.00	6,198	179.68	0.13
29.50	0.00	6,152	179.67	0.13
29.60	0.00	6,106	179.66	0.13
29.70	0.00	6,061	179.65	0.12
29.80	0.00	6,017	179.64	0.12
29.90	0.00	5,972	179.63	0.12
30.00	0.00	5,929	179.62	0.12
30.10	0.00	5,885	179.61	0.12
30.20	0.00	5,842	179.60	0.12
30.30	0.00	5,800	179.59	0.12
30.40	0.00	5,758	179.58	0.12
30.50	0.00	5,716	179.57	0.12
30.60	0.00	5,675	179.56	0.11
30.70	0.00	5,634	179.55	0.11
30.80	0.00	5,593	179.54	0.11
30.90	0.00	5,553	179.53	0.11
31.00	0.00	5,514	179.52	0.11
31.10	0.00	5,475	179.51	0.11

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,436	179.50	0.11
31.30	0.00	5,397	179.49	0.11
31.40	0.00	5,360	179.48	0.10
31.50	0.00	5,322	179.47	0.10
31.60	0.00	5,285	179.46	0.10
31.70	0.00	5,248	179.45	0.10
31.80	0.00	5,212	179.45	0.10
31.90	0.00	5,176	179.44	0.10
32.00	0.00	5,141	179.43	0.10
32.10	0.00	5,106	179.42	0.10
32.20	0.00	5,072	179.41	0.10
32.30	0.00	5,038	179.40	0.09
32.40	0.00	5,004	179.39	0.09
32.50	0.00	4,971	179.39	0.09
32.60	0.00	4,938	179.38	0.09
32.70	0.00	4,906	179.37	0.09
32.80	0.00	4,874	179.36	0.09
32.90	0.00	4,843	179.35	0.09
33.00	0.00	4,812	179.35	0.09
33.10	0.00	4,781	179.34	0.08
33.20	0.00	4,751	179.33	0.08
33.30	0.00	4,721	179.32	0.08
33.40	0.00	4,692	179.32	0.08
33.50	0.00	4,663	179.31	0.08
33.60	0.00	4,635	179.30	0.08
33.70	0.00	4,607	179.29	0.08
33.80	0.00	4,579	179.29	0.08
33.90	0.00	4,552	179.28	0.07
34.00	0.00	4,525	179.27	0.07
34.10	0.00	4,499	179.27	0.07
34.20	0.00	4,474	179.26	0.07
34.30	0.00	4,448	179.25	0.07
34.40	0.00	4,423	179.25	0.07
34.50	0.00	4,399	179.24	0.07
34.60	0.00	4,375	179.24	0.07
34.70	0.00	4,351	179.23	0.06
34.80	0.00	4,328	179.22	0.06
34.90	0.00	4,306	179.22	0.06
35.00	0.00	4,283	179.21	0.06
35.10	0.00	4,262	179.21	0.06
35.20	0.00	4,240	179.20	0.06
35.30	0.00	4,220	179.20	0.06
35.40	0.00	4,199	179.19	0.06
35.50	0.00	4,179	179.19	0.05
35.60	0.00	4,160	179.18	0.05
35.70	0.00	4,141	179.18	0.05
35.80	0.00	4,122	179.17	0.05
35.90	0.00	4,104	179.17	0.05
36.00	0.00	4,086	179.16	0.05
36.10	0.00	4,068	179.16	0.05
36.20	0.00	4,051	179.15	0.05
36.30	0.00	4,035	179.15	0.04

Hydrograph for Pond B-16B: Basin #16B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,019	179.15	0.04
36.50	0.00	4,004	179.14	0.04
36.60	0.00	3,989	179.14	0.04
36.70	0.00	3,975	179.13	0.04
36.80	0.00	3,961	179.13	0.04
36.90	0.00	3,947	179.13	0.04
37.00	0.00	3,934	179.12	0.04
37.10	0.00	3,921	179.12	0.03
37.20	0.00	3,909	179.12	0.03
37.30	0.00	3,897	179.11	0.03
37.40	0.00	3,886	179.11	0.03
37.50	0.00	3,875	179.11	0.03
37.60	0.00	3,864	179.11	0.03
37.70	0.00	3,854	179.10	0.03
37.80	0.00	3,843	179.10	0.03
37.90	0.00	3,834	179.10	0.03
38.00	0.00	3,824	179.09	0.03
38.10	0.00	3,815	179.09	0.02
38.20	0.00	3,806	179.09	0.02
38.30	0.00	3,798	179.09	0.02
38.40	0.00	3,789	179.09	0.02
38.50	0.00	3,781	179.08	0.02
38.60	0.00	3,774	179.08	0.02
38.70	0.00	3,766	179.08	0.02
38.80	0.00	3,759	179.08	0.02
38.90	0.00	3,752	179.08	0.02
39.00	0.00	3,745	179.07	0.02
39.10	0.00	3,738	179.07	0.02
39.20	0.00	3,732	179.07	0.02
39.30	0.00	3,725	179.07	0.02
39.40	0.00	3,719	179.07	0.02
39.50	0.00	3,713	179.07	0.02
39.60	0.00	3,707	179.06	0.02
39.70	0.00	3,702	179.06	0.02
39.80	0.00	3,696	179.06	0.02
39.90	0.00	3,691	179.06	0.01
40.00	0.00	3,685	179.06	0.01

Stage-Discharge for Pond B-16B: Basin #16B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.00	0.00	178.52	0.00	179.04	0.01	179.56	0.11
178.01	0.00	178.53	0.00	179.05	0.01	179.57	0.12
178.02	0.00	178.54	0.00	179.06	0.01	179.58	0.12
178.03	0.00	178.55	0.00	179.07	0.02	179.59	0.12
178.04	0.00	178.56	0.00	179.08	0.02	179.60	0.12
178.05	0.00	178.57	0.00	179.09	0.02	179.61	0.12
178.06	0.00	178.58	0.00	179.10	0.03	179.62	0.12
178.07	0.00	178.59	0.00	179.11	0.03	179.63	0.12
178.08	0.00	178.60	0.00	179.12	0.03	179.64	0.12
178.09	0.00	178.61	0.00	179.13	0.04	179.65	0.12
178.10	0.00	178.62	0.00	179.14	0.04	179.66	0.13
178.11	0.00	178.63	0.00	179.15	0.05	179.67	0.13
178.12	0.00	178.64	0.00	179.16	0.05	179.68	0.13
178.13	0.00	178.65	0.00	179.17	0.05	179.69	0.13
178.14	0.00	178.66	0.00	179.18	0.05	179.70	0.13
178.15	0.00	178.67	0.00	179.19	0.06	179.71	0.13
178.16	0.00	178.68	0.00	179.20	0.06	179.72	0.13
178.17	0.00	178.69	0.00	179.21	0.06	179.73	0.13
178.18	0.00	178.70	0.00	179.22	0.06	179.74	0.13
178.19	0.00	178.71	0.00	179.23	0.06	179.75	0.13
178.20	0.00	178.72	0.00	179.24	0.07	179.76	0.14
178.21	0.00	178.73	0.00	179.25	0.07	179.77	0.14
178.22	0.00	178.74	0.00	179.26	0.07	179.78	0.14
178.23	0.00	178.75	0.00	179.27	0.07	179.79	0.14
178.24	0.00	178.76	0.00	179.28	0.07	179.80	0.14
178.25	0.00	178.77	0.00	179.29	0.08	179.81	0.14
178.26	0.00	178.78	0.00	179.30	0.08	179.82	0.14
178.27	0.00	178.79	0.00	179.31	0.08	179.83	0.14
178.28	0.00	178.80	0.00	179.32	0.08	179.84	0.14
178.29	0.00	178.81	0.00	179.33	0.08	179.85	0.14
178.30	0.00	178.82	0.00	179.34	0.08	179.86	0.15
178.31	0.00	178.83	0.00	179.35	0.09	179.87	0.15
178.32	0.00	178.84	0.00	179.36	0.09	179.88	0.15
178.33	0.00	178.85	0.00	179.37	0.09	179.89	0.15
178.34	0.00	178.86	0.00	179.38	0.09	179.90	0.15
178.35	0.00	178.87	0.00	179.39	0.09	179.91	0.15
178.36	0.00	178.88	0.00	179.40	0.09	179.92	0.15
178.37	0.00	178.89	0.00	179.41	0.10	179.93	0.15
178.38	0.00	178.90	0.00	179.42	0.10	179.94	0.15
178.39	0.00	178.91	0.00	179.43	0.10	179.95	0.15
178.40	0.00	178.92	0.00	179.44	0.10	179.96	0.15
178.41	0.00	178.93	0.00	179.45	0.10	179.97	0.16
178.42	0.00	178.94	0.00	179.46	0.10	179.98	0.16
178.43	0.00	178.95	0.00	179.47	0.10	179.99	0.16
178.44	0.00	178.96	0.00	179.48	0.10	180.00	0.16
178.45	0.00	178.97	0.00	179.49	0.11	180.01	0.16
178.46	0.00	178.98	0.00	179.50	0.11	180.02	0.16
178.47	0.00	178.99	0.00	179.51	0.11	180.03	0.16
178.48	0.00	179.00	0.00	179.52	0.11	180.04	0.16
178.49	0.00	179.01	0.00	179.53	0.11	180.05	0.16
178.50	0.00	179.02	0.00	179.54	0.11	180.06	0.16
178.51	0.00	179.03	0.01	179.55	0.11	180.07	0.16

Stage-Discharge for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.08	0.16	180.60	2.01	181.12	9.06	181.64	17.52
180.09	0.17	180.61	2.11	181.13	9.22	181.65	17.54
180.10	0.17	180.62	2.22	181.14	9.39	181.66	17.56
180.11	0.17	180.63	2.32	181.15	9.55	181.67	17.58
180.12	0.17	180.64	2.43	181.16	9.72	181.68	17.60
180.13	0.17	180.65	2.54	181.17	9.88	181.69	17.62
180.14	0.17	180.66	2.65	181.18	10.05	181.70	17.64
180.15	0.17	180.67	2.76	181.19	10.22	181.71	17.66
180.16	0.17	180.68	2.87	181.20	10.39	181.72	17.69
180.17	0.17	180.69	2.98	181.21	10.56	181.73	17.71
180.18	0.17	180.70	3.10	181.22	10.73	181.74	17.73
180.19	0.17	180.71	3.22	181.23	10.91	181.75	17.75
180.20	0.17	180.72	3.33	181.24	11.08	181.76	17.77
180.21	0.17	180.73	3.45	181.25	11.25	181.77	17.79
180.22	0.18	180.74	3.58	181.26	11.43	181.78	17.81
180.23	0.18	180.75	3.70	181.27	11.60	181.79	17.83
180.24	0.18	180.76	3.82	181.28	11.78	181.80	17.85
180.25	0.18	180.77	3.95	181.29	11.96	181.81	17.87
180.26	0.18	180.78	4.07	181.30	12.13	181.82	17.89
180.27	0.18	180.79	4.20	181.31	12.31	181.83	17.91
180.28	0.18	180.80	4.33	181.32	12.49	181.84	17.93
180.29	0.18	180.81	4.46	181.33	12.67	181.85	17.95
180.30	0.18	180.82	4.59	181.34	12.85	181.86	17.97
180.31	0.18	180.83	4.73	181.35	13.03	181.87	17.99
180.32	0.18	180.84	4.86	181.36	13.22	181.88	18.01
180.33	0.18	180.85	5.00	181.37	13.40	181.89	18.03
180.34	0.20	180.86	5.13	181.38	13.58	181.90	18.05
180.35	0.22	180.87	5.27	181.39	13.77	181.91	18.07
180.36	0.25	180.88	5.41	181.40	13.95	181.92	18.09
180.37	0.29	180.89	5.55	181.41	14.14	181.93	18.11
180.38	0.33	180.90	5.69	181.42	14.33	181.94	18.13
180.39	0.38	180.91	5.83	181.43	14.51	181.95	18.15
180.40	0.43	180.92	5.98	181.44	14.70	181.96	18.29
180.41	0.48	180.93	6.12	181.45	14.89	181.97	18.52
180.42	0.54	180.94	6.27	181.46	15.08	181.98	18.82
180.43	0.60	180.95	6.41	181.47	15.27	181.99	19.17
180.44	0.67	180.96	6.56	181.48	15.46	182.00	19.56
180.45	0.73	180.97	6.71	181.49	15.65		
180.46	0.80	180.98	6.86	181.50	15.84		
180.47	0.87	180.99	7.01	181.51	16.03		
180.48	0.95	181.00	7.16	181.52	16.23		
180.49	1.03	181.01	7.31	181.53	16.42		
180.50	1.11	181.02	7.47	181.54	16.61		
180.51	1.19	181.03	7.62	181.55	16.81		
180.52	1.27	181.04	7.78	181.56	17.00		
180.53	1.36	181.05	7.93	181.57	17.20		
180.54	1.44	181.06	8.09	181.58	17.40		
180.55	1.53	181.07	8.25	181.59	17.42		
180.56	1.63	181.08	8.41	181.60	17.44		
180.57	1.72	181.09	8.57	181.61	17.46		
180.58	1.82	181.10	8.73	181.62	17.48		
180.59	1.91	181.11	8.89	181.63	17.50		

Stage-Area-Storage for Pond B-16B: Basin #16B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.00	3,145	0	178.52	3,476	1,721
178.01	3,151	31	178.53	3,482	1,756
178.02	3,158	63	178.54	3,488	1,791
178.03	3,164	95	178.55	3,495	1,826
178.04	3,170	126	178.56	3,501	1,861
178.05	3,177	158	178.57	3,508	1,896
178.06	3,183	190	178.58	3,514	1,931
178.07	3,190	222	178.59	3,520	1,966
178.08	3,196	254	178.60	3,527	2,001
178.09	3,202	286	178.61	3,533	2,037
178.10	3,209	318	178.62	3,539	2,072
178.11	3,215	350	178.63	3,546	2,108
178.12	3,221	382	178.64	3,552	2,143
178.13	3,228	414	178.65	3,558	2,179
178.14	3,234	447	178.66	3,565	2,214
178.15	3,240	479	178.67	3,571	2,250
178.16	3,247	511	178.68	3,577	2,286
178.17	3,253	544	178.69	3,584	2,321
178.18	3,259	576	178.70	3,590	2,357
178.19	3,266	609	178.71	3,597	2,393
178.20	3,272	642	178.72	3,603	2,429
178.21	3,279	674	178.73	3,609	2,465
178.22	3,285	707	178.74	3,616	2,501
178.23	3,291	740	178.75	3,622	2,538
178.24	3,298	773	178.76	3,628	2,574
178.25	3,304	806	178.77	3,635	2,610
178.26	3,310	839	178.78	3,641	2,647
178.27	3,317	872	178.79	3,647	2,683
178.28	3,323	906	178.80	3,654	2,720
178.29	3,329	939	178.81	3,660	2,756
178.30	3,336	972	178.82	3,667	2,793
178.31	3,342	1,006	178.83	3,673	2,829
178.32	3,349	1,039	178.84	3,679	2,866
178.33	3,355	1,072	178.85	3,686	2,903
178.34	3,361	1,106	178.86	3,692	2,940
178.35	3,368	1,140	178.87	3,698	2,977
178.36	3,374	1,173	178.88	3,705	3,014
178.37	3,380	1,207	178.89	3,711	3,051
178.38	3,387	1,241	178.90	3,717	3,088
178.39	3,393	1,275	178.91	3,724	3,125
178.40	3,399	1,309	178.92	3,730	3,163
178.41	3,406	1,343	178.93	3,736	3,200
178.42	3,412	1,377	178.94	3,743	3,237
178.43	3,418	1,411	178.95	3,749	3,275
178.44	3,425	1,445	178.96	3,756	3,312
178.45	3,431	1,480	178.97	3,762	3,350
178.46	3,438	1,514	178.98	3,768	3,388
178.47	3,444	1,548	178.99	3,775	3,425
178.48	3,450	1,583	179.00	3,781	3,463
178.49	3,457	1,617	179.01	3,788	3,501
178.50	3,463	1,652	179.02	3,794	3,539
178.51	3,469	1,687	179.03	3,801	3,577

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.04	3,808	3,615	179.56	4,156	5,685
179.05	3,815	3,653	179.57	4,163	5,727
179.06	3,821	3,691	179.58	4,170	5,769
179.07	3,828	3,729	179.59	4,176	5,810
179.08	3,835	3,768	179.60	4,183	5,852
179.09	3,841	3,806	179.61	4,190	5,894
179.10	3,848	3,844	179.62	4,196	5,936
179.11	3,855	3,883	179.63	4,203	5,978
179.12	3,861	3,922	179.64	4,210	6,020
179.13	3,868	3,960	179.65	4,217	6,062
179.14	3,875	3,999	179.66	4,223	6,104
179.15	3,882	4,038	179.67	4,230	6,147
179.16	3,888	4,077	179.68	4,237	6,189
179.17	3,895	4,115	179.69	4,243	6,231
179.18	3,902	4,154	179.70	4,250	6,274
179.19	3,908	4,193	179.71	4,257	6,316
179.20	3,915	4,233	179.72	4,263	6,359
179.21	3,922	4,272	179.73	4,270	6,402
179.22	3,928	4,311	179.74	4,277	6,444
179.23	3,935	4,350	179.75	4,284	6,487
179.24	3,942	4,390	179.76	4,290	6,530
179.25	3,949	4,429	179.77	4,297	6,573
179.26	3,955	4,469	179.78	4,304	6,616
179.27	3,962	4,508	179.79	4,310	6,659
179.28	3,969	4,548	179.80	4,317	6,702
179.29	3,975	4,588	179.81	4,324	6,745
179.30	3,982	4,627	179.82	4,330	6,789
179.31	3,989	4,667	179.83	4,337	6,832
179.32	3,995	4,707	179.84	4,344	6,875
179.33	4,002	4,747	179.85	4,350	6,919
179.34	4,009	4,787	179.86	4,357	6,962
179.35	4,015	4,827	179.87	4,364	7,006
179.36	4,022	4,868	179.88	4,371	7,050
179.37	4,029	4,908	179.89	4,377	7,093
179.38	4,036	4,948	179.90	4,384	7,137
179.39	4,042	4,989	179.91	4,391	7,181
179.40	4,049	5,029	179.92	4,397	7,225
179.41	4,056	5,070	179.93	4,404	7,269
179.42	4,062	5,110	179.94	4,411	7,313
179.43	4,069	5,151	179.95	4,417	7,357
179.44	4,076	5,191	179.96	4,424	7,401
179.45	4,082	5,232	179.97	4,431	7,446
179.46	4,089	5,273	179.98	4,438	7,490
179.47	4,096	5,314	179.99	4,444	7,535
179.48	4,103	5,355	180.00	4,451	7,579
179.49	4,109	5,396	180.01	4,458	7,624
179.50	4,116	5,437	180.02	4,465	7,668
179.51	4,123	5,478	180.03	4,472	7,713
179.52	4,129	5,520	180.04	4,479	7,758
179.53	4,136	5,561	180.05	4,486	7,802
179.54	4,143	5,602	180.06	4,493	7,847
179.55	4,150	5,644	180.07	4,500	7,892

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.08	4,507	7,937	180.60	4,870	10,375
180.09	4,514	7,982	180.61	4,877	10,424
180.10	4,521	8,028	180.62	4,884	10,473
180.11	4,528	8,073	180.63	4,891	10,522
180.12	4,535	8,118	180.64	4,898	10,571
180.13	4,542	8,164	180.65	4,905	10,620
180.14	4,549	8,209	180.66	4,912	10,669
180.15	4,556	8,255	180.67	4,919	10,718
180.16	4,563	8,300	180.68	4,926	10,767
180.17	4,570	8,346	180.69	4,933	10,816
180.18	4,577	8,391	180.70	4,940	10,866
180.19	4,584	8,437	180.71	4,947	10,915
180.20	4,591	8,483	180.72	4,954	10,965
180.21	4,598	8,529	180.73	4,961	11,014
180.22	4,605	8,575	180.74	4,968	11,064
180.23	4,612	8,621	180.75	4,975	11,114
180.24	4,619	8,667	180.76	4,981	11,163
180.25	4,626	8,714	180.77	4,988	11,213
180.26	4,632	8,760	180.78	4,995	11,263
180.27	4,639	8,806	180.79	5,002	11,313
180.28	4,646	8,853	180.80	5,009	11,363
180.29	4,653	8,899	180.81	5,016	11,413
180.30	4,660	8,946	180.82	5,023	11,463
180.31	4,667	8,992	180.83	5,030	11,514
180.32	4,674	9,039	180.84	5,037	11,564
180.33	4,681	9,086	180.85	5,044	11,615
180.34	4,688	9,133	180.86	5,051	11,665
180.35	4,695	9,180	180.87	5,058	11,716
180.36	4,702	9,227	180.88	5,065	11,766
180.37	4,709	9,274	180.89	5,072	11,817
180.38	4,716	9,321	180.90	5,079	11,868
180.39	4,723	9,368	180.91	5,086	11,918
180.40	4,730	9,415	180.92	5,093	11,969
180.41	4,737	9,463	180.93	5,100	12,020
180.42	4,744	9,510	180.94	5,107	12,071
180.43	4,751	9,557	180.95	5,114	12,122
180.44	4,758	9,605	180.96	5,121	12,174
180.45	4,765	9,653	180.97	5,128	12,225
180.46	4,772	9,700	180.98	5,135	12,276
180.47	4,779	9,748	180.99	5,142	12,328
180.48	4,786	9,796	181.00	5,149	12,379
180.49	4,793	9,844	181.01	5,156	12,431
180.50	4,800	9,892	181.02	5,164	12,482
180.51	4,807	9,940	181.03	5,171	12,534
180.52	4,814	9,988	181.04	5,178	12,586
180.53	4,821	10,036	181.05	5,185	12,637
180.54	4,828	10,084	181.06	5,193	12,689
180.55	4,835	10,133	181.07	5,200	12,741
180.56	4,842	10,181	181.08	5,207	12,793
180.57	4,849	10,229	181.09	5,215	12,845
180.58	4,856	10,278	181.10	5,222	12,898
180.59	4,863	10,327	181.11	5,229	12,950

Stage-Area-Storage for Pond B-16B: Basin #16B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.12	5,236	13,002	181.64	5,615	15,823
181.13	5,244	13,055	181.65	5,622	15,880
181.14	5,251	13,107	181.66	5,629	15,936
181.15	5,258	13,160	181.67	5,637	15,992
181.16	5,265	13,212	181.68	5,644	16,049
181.17	5,273	13,265	181.69	5,651	16,105
181.18	5,280	13,318	181.70	5,659	16,162
181.19	5,287	13,370	181.71	5,666	16,218
181.20	5,295	13,423	181.72	5,673	16,275
181.21	5,302	13,476	181.73	5,680	16,332
181.22	5,309	13,529	181.74	5,688	16,389
181.23	5,316	13,583	181.75	5,695	16,446
181.24	5,324	13,636	181.76	5,702	16,502
181.25	5,331	13,689	181.77	5,710	16,560
181.26	5,338	13,742	181.78	5,717	16,617
181.27	5,346	13,796	181.79	5,724	16,674
181.28	5,353	13,849	181.80	5,731	16,731
181.29	5,360	13,903	181.81	5,739	16,789
181.30	5,367	13,956	181.82	5,746	16,846
181.31	5,375	14,010	181.83	5,753	16,903
181.32	5,382	14,064	181.84	5,761	16,961
181.33	5,389	14,118	181.85	5,768	17,019
181.34	5,397	14,172	181.86	5,775	17,076
181.35	5,404	14,226	181.87	5,782	17,134
181.36	5,411	14,280	181.88	5,790	17,192
181.37	5,418	14,334	181.89	5,797	17,250
181.38	5,426	14,388	181.90	5,804	17,308
181.39	5,433	14,442	181.91	5,811	17,366
181.40	5,440	14,497	181.92	5,819	17,424
181.41	5,447	14,551	181.93	5,826	17,482
181.42	5,455	14,606	181.94	5,833	17,541
181.43	5,462	14,660	181.95	5,841	17,599
181.44	5,469	14,715	181.96	5,848	17,658
181.45	5,477	14,770	181.97	5,855	17,716
181.46	5,484	14,825	181.98	5,862	17,775
181.47	5,491	14,879	181.99	5,870	17,833
181.48	5,498	14,934	182.00	5,877	17,892
181.49	5,506	14,989			
181.50	5,513	15,045			
181.51	5,520	15,100			
181.52	5,528	15,155			
181.53	5,535	15,210			
181.54	5,542	15,266			
181.55	5,549	15,321			
181.56	5,557	15,377			
181.57	5,564	15,432			
181.58	5,571	15,488			
181.59	5,579	15,544			
181.60	5,586	15,599			
181.61	5,593	15,655			
181.62	5,600	15,711			
181.63	5,608	15,767			

Summary for Pond B-17A: Basin #17A

Inflow Area = 1.324 ac, 14.58% Impervious, Inflow Depth = 8.16" for Future 100 yr event
 Inflow = 11.39 cfs @ 12.17 hrs, Volume= 0.901 af
 Outflow = 1.53 cfs @ 12.89 hrs, Volume= 0.732 af, Atten= 87%, Lag= 43.2 min
 Primary = 1.53 cfs @ 12.89 hrs, Volume= 0.732 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.21' @ 12.89 hrs Surf.Area= 8,902 sf Storage= 22,981 cf

Plug-Flow detention time= 595.1 min calculated for 0.732 af (81% of inflow)
 Center-of-Mass det. time= 519.1 min (1,316.0 - 796.9)

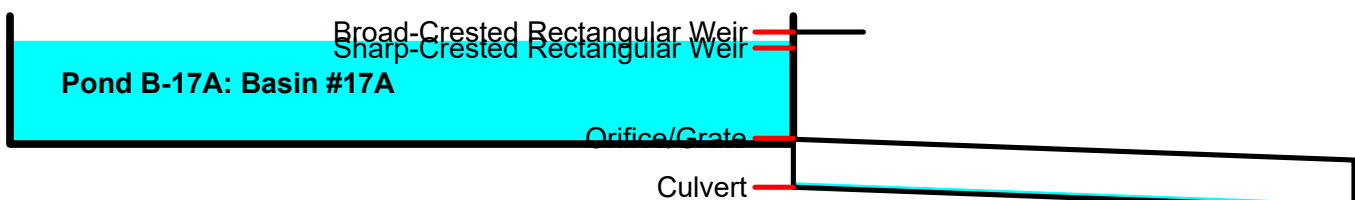
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	30,377 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	5,508	0	0
180.00	6,502	6,005	6,005
181.00	7,552	7,027	13,032
182.00	8,658	8,105	21,137
183.00	9,821	9,240	30,377

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	182.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

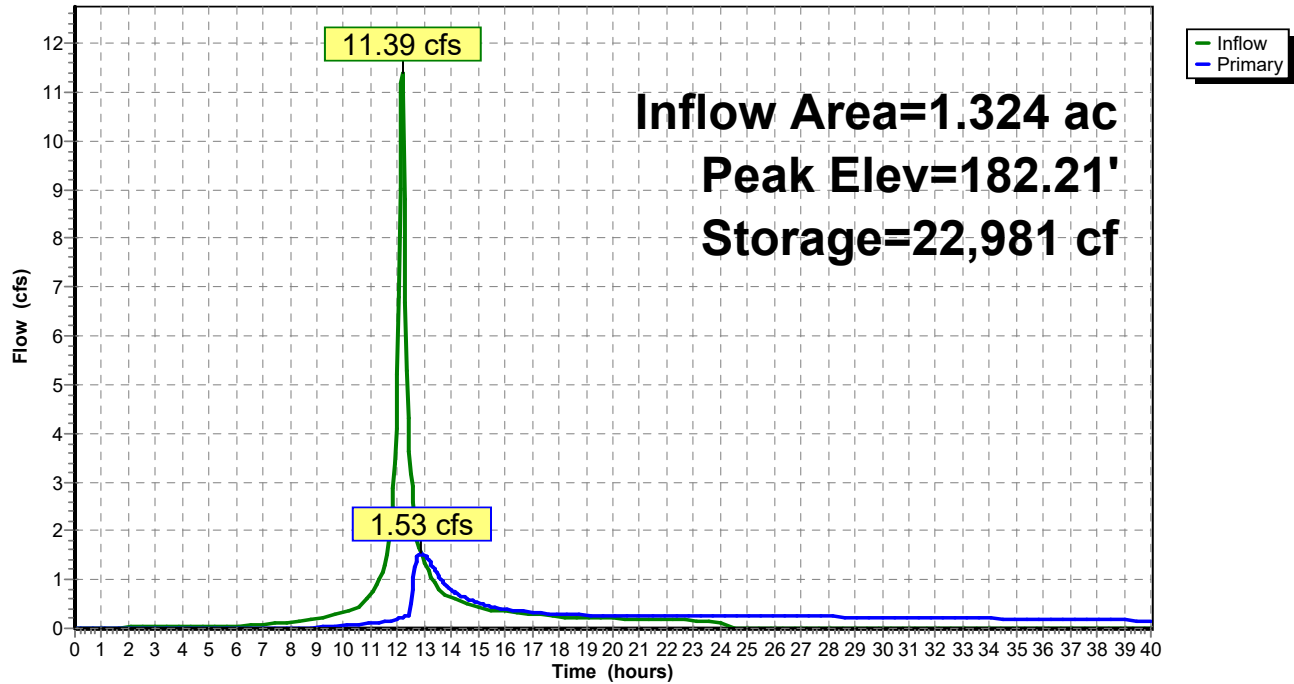
Primary OutFlow Max=1.53 cfs @ 12.89 hrs HW=182.21' (Free Discharge)

1=Culvert (Passes 1.53 cfs of 16.61 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.28 cfs @ 8.24 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.24 cfs @ 1.50 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-17A: Basin #17A

Hydrograph



Hydrograph for Pond B-17A: Basin #17A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.00	1	179.00	0.00
0.70	0.00	2	179.00	0.00
0.80	0.01	4	179.00	0.00
0.90	0.01	7	179.00	0.00
1.00	0.01	10	179.00	0.00
1.10	0.01	14	179.00	0.00
1.20	0.01	18	179.00	0.00
1.30	0.01	22	179.00	0.00
1.40	0.01	27	179.00	0.00
1.50	0.02	33	179.01	0.00
1.60	0.02	38	179.01	0.00
1.70	0.02	44	179.01	0.00
1.80	0.02	50	179.01	0.00
1.90	0.02	57	179.01	0.00
2.00	0.02	63	179.01	0.00
2.10	0.02	70	179.01	0.00
2.20	0.02	77	179.01	0.00
2.30	0.02	85	179.02	0.00
2.40	0.02	92	179.02	0.00
2.50	0.02	100	179.02	0.00
2.60	0.02	108	179.02	0.00
2.70	0.02	116	179.02	0.00
2.80	0.02	124	179.02	0.00
2.90	0.02	132	179.02	0.00
3.00	0.02	141	179.03	0.00
3.10	0.02	149	179.03	0.00
3.20	0.02	158	179.03	0.00
3.30	0.02	167	179.03	0.00
3.40	0.03	176	179.03	0.00
3.50	0.03	185	179.03	0.00
3.60	0.03	195	179.04	0.00
3.70	0.03	204	179.04	0.00
3.80	0.03	214	179.04	0.00
3.90	0.03	223	179.04	0.00
4.00	0.03	233	179.04	0.00
4.10	0.03	243	179.04	0.00
4.20	0.03	253	179.05	0.00
4.30	0.03	263	179.05	0.00
4.40	0.03	273	179.05	0.00
4.50	0.03	284	179.05	0.00
4.60	0.03	294	179.05	0.00
4.70	0.03	305	179.06	0.00
4.80	0.03	315	179.06	0.00
4.90	0.03	326	179.06	0.00
5.00	0.03	337	179.06	0.00
5.10	0.03	348	179.06	0.00

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	359	179.06	0.00
5.30	0.03	371	179.07	0.00
5.40	0.04	384	179.07	0.00
5.50	0.04	397	179.07	0.00
5.60	0.04	411	179.07	0.00
5.70	0.04	426	179.08	0.00
5.80	0.04	441	179.08	0.00
5.90	0.05	458	179.08	0.00
6.00	0.05	475	179.09	0.00
6.10	0.05	493	179.09	0.00
6.20	0.05	512	179.09	0.00
6.30	0.06	532	179.10	0.00
6.40	0.06	553	179.10	0.00
6.50	0.06	575	179.10	0.00
6.60	0.07	599	179.11	0.00
6.70	0.07	624	179.11	0.00
6.80	0.07	650	179.12	0.00
6.90	0.08	678	179.12	0.00
7.00	0.08	707	179.13	0.00
7.10	0.09	737	179.13	0.00
7.20	0.09	769	179.14	0.00
7.30	0.10	803	179.14	0.00
7.40	0.10	838	179.15	0.00
7.50	0.10	875	179.16	0.00
7.60	0.11	913	179.16	0.00
7.70	0.11	953	179.17	0.00
7.80	0.12	995	179.18	0.00
7.90	0.12	1,038	179.19	0.00
8.00	0.13	1,083	179.19	0.00
8.10	0.13	1,130	179.20	0.00
8.20	0.14	1,178	179.21	0.00
8.30	0.14	1,228	179.22	0.00
8.40	0.15	1,279	179.23	0.00
8.50	0.15	1,332	179.24	0.01
8.60	0.16	1,385	179.25	0.01
8.70	0.17	1,440	179.26	0.01
8.80	0.17	1,496	179.27	0.01
8.90	0.18	1,554	179.28	0.02
9.00	0.18	1,612	179.29	0.02
9.10	0.19	1,671	179.30	0.02
9.20	0.20	1,732	179.31	0.03
9.30	0.21	1,797	179.32	0.03
9.40	0.23	1,866	179.33	0.03
9.50	0.24	1,938	179.34	0.04
9.60	0.26	2,014	179.35	0.04
9.70	0.28	2,094	179.37	0.05
9.80	0.29	2,178	179.38	0.05
9.90	0.31	2,266	179.40	0.06
10.00	0.33	2,360	179.41	0.06
10.10	0.34	2,458	179.43	0.06
10.20	0.36	2,561	179.45	0.07
10.30	0.38	2,670	179.47	0.07

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	2,784	179.48	0.07
10.50	0.42	2,903	179.50	0.08
10.60	0.45	3,030	179.53	0.08
10.70	0.49	3,169	179.55	0.08
10.80	0.55	3,326	179.57	0.09
10.90	0.61	3,504	179.60	0.09
11.00	0.68	3,702	179.64	0.10
11.10	0.76	3,924	179.67	0.10
11.20	0.86	4,177	179.71	0.11
11.30	0.98	4,470	179.76	0.11
11.40	1.11	4,805	179.81	0.12
11.50	1.24	5,184	179.87	0.13
11.60	1.51	5,622	179.94	0.13
11.70	2.02	6,212	180.03	0.14
11.80	2.47	6,959	180.15	0.15
11.90	3.39	7,945	180.29	0.16
12.00	5.22	9,394	180.50	0.18
12.10	9.00	11,826	180.84	0.20
12.20	11.01	15,560	181.33	0.23
12.30	6.70	18,651	181.71	0.26
12.40	4.32	20,501	181.93	0.27
12.50	3.18	21,708	182.07	0.50
12.60	2.58	22,467	182.15	1.05
12.70	1.95	22,828	182.19	1.38
12.80	1.68	22,955	182.21	1.50
12.90	1.51	22,981	182.21	1.53
13.00	1.36	22,952	182.21	1.50
13.10	1.22	22,888	182.20	1.44
13.20	1.09	22,801	182.19	1.35
13.30	1.00	22,706	182.18	1.27
13.40	0.92	22,613	182.17	1.18
13.50	0.84	22,521	182.16	1.10
13.60	0.77	22,430	182.15	1.02
13.70	0.70	22,341	182.14	0.95
13.80	0.67	22,259	182.13	0.88
13.90	0.65	22,191	182.12	0.82
14.00	0.63	22,132	182.11	0.78
14.10	0.61	22,080	182.11	0.74
14.20	0.59	22,034	182.10	0.71
14.30	0.57	21,991	182.10	0.68
14.40	0.55	21,952	182.09	0.65
14.50	0.53	21,915	182.09	0.63
14.60	0.51	21,880	182.09	0.60
14.70	0.49	21,846	182.08	0.58
14.80	0.47	21,814	182.08	0.56
14.90	0.45	21,780	182.07	0.54
15.00	0.43	21,746	182.07	0.52
15.10	0.41	21,711	182.07	0.50
15.20	0.39	21,677	182.06	0.48
15.30	0.38	21,645	182.06	0.47
15.40	0.37	21,616	182.06	0.45
15.50	0.37	21,590	182.05	0.44

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.36	21,567	182.05	0.42
15.70	0.36	21,547	182.05	0.41
15.80	0.35	21,529	182.05	0.40
15.90	0.35	21,512	182.04	0.39
16.00	0.34	21,496	182.04	0.38
16.10	0.34	21,481	182.04	0.38
16.20	0.33	21,467	182.04	0.37
16.30	0.33	21,452	182.04	0.37
16.40	0.32	21,437	182.03	0.36
16.50	0.31	21,422	182.03	0.36
16.60	0.31	21,406	182.03	0.35
16.70	0.30	21,390	182.03	0.35
16.80	0.30	21,375	182.03	0.34
16.90	0.29	21,358	182.03	0.34
17.00	0.29	21,342	182.02	0.33
17.10	0.28	21,326	182.02	0.33
17.20	0.28	21,309	182.02	0.32
17.30	0.27	21,293	182.02	0.32
17.40	0.27	21,276	182.02	0.31
17.50	0.26	21,259	182.01	0.31
17.60	0.26	21,242	182.01	0.30
17.70	0.25	21,225	182.01	0.30
17.80	0.24	21,208	182.01	0.29
17.90	0.24	21,191	182.01	0.29
18.00	0.23	21,173	182.00	0.28
18.10	0.23	21,156	182.00	0.28
18.20	0.22	21,139	182.00	0.27
18.30	0.22	21,121	182.00	0.27
18.40	0.22	21,104	182.00	0.27
18.50	0.22	21,085	181.99	0.27
18.60	0.22	21,066	181.99	0.27
18.70	0.22	21,047	181.99	0.27
18.80	0.21	21,027	181.99	0.27
18.90	0.21	21,007	181.98	0.27
19.00	0.21	20,986	181.98	0.27
19.10	0.21	20,965	181.98	0.27
19.20	0.21	20,944	181.98	0.27
19.30	0.21	20,922	181.98	0.27
19.40	0.21	20,900	181.97	0.27
19.50	0.21	20,877	181.97	0.27
19.60	0.20	20,854	181.97	0.27
19.70	0.20	20,830	181.96	0.27
19.80	0.20	20,806	181.96	0.27
19.90	0.20	20,781	181.96	0.27
20.00	0.20	20,757	181.96	0.27
20.10	0.20	20,731	181.95	0.27
20.20	0.20	20,705	181.95	0.27
20.30	0.19	20,679	181.95	0.27
20.40	0.19	20,652	181.94	0.27
20.50	0.19	20,625	181.94	0.27
20.60	0.19	20,598	181.94	0.27
20.70	0.19	20,570	181.93	0.27

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.19	20,541	181.93	0.27
20.90	0.19	20,513	181.93	0.27
21.00	0.18	20,483	181.92	0.27
21.10	0.18	20,454	181.92	0.27
21.20	0.18	20,423	181.92	0.27
21.30	0.18	20,393	181.91	0.27
21.40	0.18	20,362	181.91	0.27
21.50	0.18	20,331	181.91	0.27
21.60	0.18	20,299	181.90	0.27
21.70	0.18	20,267	181.90	0.27
21.80	0.17	20,234	181.89	0.27
21.90	0.17	20,201	181.89	0.27
22.00	0.17	20,168	181.89	0.26
22.10	0.17	20,134	181.88	0.26
22.20	0.17	20,099	181.88	0.26
22.30	0.17	20,065	181.88	0.26
22.40	0.17	20,030	181.87	0.26
22.50	0.16	19,994	181.87	0.26
22.60	0.16	19,958	181.86	0.26
22.70	0.16	19,922	181.86	0.26
22.80	0.16	19,885	181.85	0.26
22.90	0.16	19,848	181.85	0.26
23.00	0.16	19,810	181.85	0.26
23.10	0.16	19,772	181.84	0.26
23.20	0.15	19,734	181.84	0.26
23.30	0.15	19,695	181.83	0.26
23.40	0.15	19,655	181.83	0.26
23.50	0.15	19,616	181.82	0.26
23.60	0.15	19,576	181.82	0.26
23.70	0.15	19,535	181.81	0.26
23.80	0.15	19,494	181.81	0.26
23.90	0.15	19,453	181.80	0.26
24.00	0.15	19,412	181.80	0.26
24.10	0.13	19,372	181.79	0.26
24.20	0.04	19,308	181.79	0.26
24.30	0.01	19,221	181.78	0.26
24.40	0.00	19,130	181.76	0.26
24.50	0.00	19,037	181.75	0.26
24.60	0.00	18,945	181.74	0.26
24.70	0.00	18,852	181.73	0.26
24.80	0.00	18,760	181.72	0.26
24.90	0.00	18,668	181.71	0.26
25.00	0.00	18,576	181.70	0.26
25.10	0.00	18,484	181.69	0.25
25.20	0.00	18,392	181.68	0.25
25.30	0.00	18,301	181.67	0.25
25.40	0.00	18,210	181.65	0.25
25.50	0.00	18,119	181.64	0.25
25.60	0.00	18,029	181.63	0.25
25.70	0.00	17,938	181.62	0.25
25.80	0.00	17,848	181.61	0.25
25.90	0.00	17,758	181.60	0.25

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	17,668	181.59	0.25
26.10	0.00	17,578	181.58	0.25
26.20	0.00	17,489	181.57	0.25
26.30	0.00	17,400	181.56	0.25
26.40	0.00	17,311	181.54	0.25
26.50	0.00	17,222	181.53	0.25
26.60	0.00	17,134	181.52	0.25
26.70	0.00	17,045	181.51	0.24
26.80	0.00	16,957	181.50	0.24
26.90	0.00	16,869	181.49	0.24
27.00	0.00	16,782	181.48	0.24
27.10	0.00	16,694	181.47	0.24
27.20	0.00	16,607	181.46	0.24
27.30	0.00	16,520	181.45	0.24
27.40	0.00	16,433	181.44	0.24
27.50	0.00	16,347	181.43	0.24
27.60	0.00	16,260	181.41	0.24
27.70	0.00	16,174	181.40	0.24
27.80	0.00	16,088	181.39	0.24
27.90	0.00	16,003	181.38	0.24
28.00	0.00	15,917	181.37	0.24
28.10	0.00	15,832	181.36	0.24
28.20	0.00	15,747	181.35	0.24
28.30	0.00	15,662	181.34	0.24
28.40	0.00	15,577	181.33	0.23
28.50	0.00	15,493	181.32	0.23
28.60	0.00	15,409	181.31	0.23
28.70	0.00	15,325	181.30	0.23
28.80	0.00	15,241	181.29	0.23
28.90	0.00	15,158	181.28	0.23
29.00	0.00	15,074	181.27	0.23
29.10	0.00	14,991	181.25	0.23
29.20	0.00	14,909	181.24	0.23
29.30	0.00	14,826	181.23	0.23
29.40	0.00	14,744	181.22	0.23
29.50	0.00	14,661	181.21	0.23
29.60	0.00	14,579	181.20	0.23
29.70	0.00	14,498	181.19	0.23
29.80	0.00	14,416	181.18	0.23
29.90	0.00	14,335	181.17	0.23
30.00	0.00	14,254	181.16	0.22
30.10	0.00	14,173	181.15	0.22
30.20	0.00	14,092	181.14	0.22
30.30	0.00	14,012	181.13	0.22
30.40	0.00	13,932	181.12	0.22
30.50	0.00	13,852	181.11	0.22
30.60	0.00	13,772	181.10	0.22
30.70	0.00	13,693	181.09	0.22
30.80	0.00	13,614	181.08	0.22
30.90	0.00	13,535	181.07	0.22
31.00	0.00	13,456	181.06	0.22
31.10	0.00	13,377	181.05	0.22

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	13,299	181.04	0.22
31.30	0.00	13,221	181.02	0.22
31.40	0.00	13,143	181.01	0.22
31.50	0.00	13,066	181.00	0.22
31.60	0.00	12,988	180.99	0.21
31.70	0.00	12,911	180.98	0.21
31.80	0.00	12,834	180.97	0.21
31.90	0.00	12,757	180.96	0.21
32.00	0.00	12,681	180.95	0.21
32.10	0.00	12,605	180.94	0.21
32.20	0.00	12,529	180.93	0.21
32.30	0.00	12,453	180.92	0.21
32.40	0.00	12,378	180.91	0.21
32.50	0.00	12,302	180.90	0.21
32.60	0.00	12,227	180.89	0.21
32.70	0.00	12,152	180.88	0.21
32.80	0.00	12,078	180.87	0.21
32.90	0.00	12,003	180.86	0.21
33.00	0.00	11,929	180.85	0.21
33.10	0.00	11,855	180.84	0.20
33.20	0.00	11,782	180.83	0.20
33.30	0.00	11,708	180.82	0.20
33.40	0.00	11,635	180.81	0.20
33.50	0.00	11,562	180.80	0.20
33.60	0.00	11,490	180.79	0.20
33.70	0.00	11,417	180.78	0.20
33.80	0.00	11,345	180.77	0.20
33.90	0.00	11,273	180.76	0.20
34.00	0.00	11,201	180.75	0.20
34.10	0.00	11,130	180.74	0.20
34.20	0.00	11,058	180.73	0.20
34.30	0.00	10,987	180.72	0.20
34.40	0.00	10,917	180.71	0.20
34.50	0.00	10,846	180.70	0.20
34.60	0.00	10,776	180.69	0.19
34.70	0.00	10,706	180.69	0.19
34.80	0.00	10,636	180.68	0.19
34.90	0.00	10,566	180.67	0.19
35.00	0.00	10,497	180.66	0.19
35.10	0.00	10,428	180.65	0.19
35.20	0.00	10,359	180.64	0.19
35.30	0.00	10,290	180.63	0.19
35.40	0.00	10,222	180.62	0.19
35.50	0.00	10,154	180.61	0.19
35.60	0.00	10,086	180.60	0.19
35.70	0.00	10,019	180.59	0.19
35.80	0.00	9,951	180.58	0.19
35.90	0.00	9,884	180.57	0.19
36.00	0.00	9,817	180.56	0.19
36.10	0.00	9,750	180.55	0.18
36.20	0.00	9,684	180.54	0.18
36.30	0.00	9,618	180.53	0.18

Hydrograph for Pond B-17A: Basin #17A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,552	180.52	0.18
36.50	0.00	9,486	180.51	0.18
36.60	0.00	9,421	180.50	0.18
36.70	0.00	9,356	180.50	0.18
36.80	0.00	9,291	180.49	0.18
36.90	0.00	9,226	180.48	0.18
37.00	0.00	9,162	180.47	0.18
37.10	0.00	9,098	180.46	0.18
37.20	0.00	9,034	180.45	0.18
37.30	0.00	8,970	180.44	0.18
37.40	0.00	8,907	180.43	0.18
37.50	0.00	8,844	180.42	0.18
37.60	0.00	8,781	180.41	0.17
37.70	0.00	8,718	180.40	0.17
37.80	0.00	8,656	180.40	0.17
37.90	0.00	8,593	180.39	0.17
38.00	0.00	8,532	180.38	0.17
38.10	0.00	8,470	180.37	0.17
38.20	0.00	8,409	180.36	0.17
38.30	0.00	8,347	180.35	0.17
38.40	0.00	8,286	180.34	0.17
38.50	0.00	8,226	180.33	0.17
38.60	0.00	8,165	180.32	0.17
38.70	0.00	8,105	180.32	0.17
38.80	0.00	8,046	180.31	0.17
38.90	0.00	7,986	180.30	0.17
39.00	0.00	7,927	180.29	0.16
39.10	0.00	7,867	180.28	0.16
39.20	0.00	7,809	180.27	0.16
39.30	0.00	7,750	180.26	0.16
39.40	0.00	7,692	180.25	0.16
39.50	0.00	7,634	180.25	0.16
39.60	0.00	7,576	180.24	0.16
39.70	0.00	7,518	180.23	0.16
39.80	0.00	7,461	180.22	0.16
39.90	0.00	7,404	180.21	0.16
40.00	0.00	7,347	180.20	0.16

Stage-Discharge for Pond B-17A: Basin #17A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	0.14	180.56	0.19
179.01	0.00	179.53	0.08	180.05	0.14	180.57	0.19
179.02	0.00	179.54	0.08	180.06	0.14	180.58	0.19
179.03	0.00	179.55	0.08	180.07	0.15	180.59	0.19
179.04	0.00	179.56	0.09	180.08	0.15	180.60	0.19
179.05	0.00	179.57	0.09	180.09	0.15	180.61	0.19
179.06	0.00	179.58	0.09	180.10	0.15	180.62	0.19
179.07	0.00	179.59	0.09	180.11	0.15	180.63	0.19
179.08	0.00	179.60	0.09	180.12	0.15	180.64	0.19
179.09	0.00	179.61	0.09	180.13	0.15	180.65	0.19
179.10	0.00	179.62	0.10	180.14	0.15	180.66	0.19
179.11	0.00	179.63	0.10	180.15	0.15	180.67	0.19
179.12	0.00	179.64	0.10	180.16	0.15	180.68	0.19
179.13	0.00	179.65	0.10	180.17	0.15	180.69	0.19
179.14	0.00	179.66	0.10	180.18	0.16	180.70	0.20
179.15	0.00	179.67	0.10	180.19	0.16	180.71	0.20
179.16	0.00	179.68	0.10	180.20	0.16	180.72	0.20
179.17	0.00	179.69	0.10	180.21	0.16	180.73	0.20
179.18	0.00	179.70	0.11	180.22	0.16	180.74	0.20
179.19	0.00	179.71	0.11	180.23	0.16	180.75	0.20
179.20	0.00	179.72	0.11	180.24	0.16	180.76	0.20
179.21	0.00	179.73	0.11	180.25	0.16	180.77	0.20
179.22	0.00	179.74	0.11	180.26	0.16	180.78	0.20
179.23	0.00	179.75	0.11	180.27	0.16	180.79	0.20
179.24	0.01	179.76	0.11	180.28	0.16	180.80	0.20
179.25	0.01	179.77	0.11	180.29	0.16	180.81	0.20
179.26	0.01	179.78	0.12	180.30	0.17	180.82	0.20
179.27	0.01	179.79	0.12	180.31	0.17	180.83	0.20
179.28	0.02	179.80	0.12	180.32	0.17	180.84	0.20
179.29	0.02	179.81	0.12	180.33	0.17	180.85	0.21
179.30	0.02	179.82	0.12	180.34	0.17	180.86	0.21
179.31	0.03	179.83	0.12	180.35	0.17	180.87	0.21
179.32	0.03	179.84	0.12	180.36	0.17	180.88	0.21
179.33	0.03	179.85	0.12	180.37	0.17	180.89	0.21
179.34	0.04	179.86	0.12	180.38	0.17	180.90	0.21
179.35	0.04	179.87	0.13	180.39	0.17	180.91	0.21
179.36	0.05	179.88	0.13	180.40	0.17	180.92	0.21
179.37	0.05	179.89	0.13	180.41	0.17	180.93	0.21
179.38	0.05	179.90	0.13	180.42	0.17	180.94	0.21
179.39	0.05	179.91	0.13	180.43	0.18	180.95	0.21
179.40	0.06	179.92	0.13	180.44	0.18	180.96	0.21
179.41	0.06	179.93	0.13	180.45	0.18	180.97	0.21
179.42	0.06	179.94	0.13	180.46	0.18	180.98	0.21
179.43	0.06	179.95	0.13	180.47	0.18	180.99	0.21
179.44	0.06	179.96	0.13	180.48	0.18	181.00	0.22
179.45	0.07	179.97	0.14	180.49	0.18	181.01	0.22
179.46	0.07	179.98	0.14	180.50	0.18	181.02	0.22
179.47	0.07	179.99	0.14	180.51	0.18	181.03	0.22
179.48	0.07	180.00	0.14	180.52	0.18	181.04	0.22
179.49	0.07	180.01	0.14	180.53	0.18	181.05	0.22
179.50	0.08	180.02	0.14	180.54	0.18	181.06	0.22
179.51	0.08	180.03	0.14	180.55	0.18	181.07	0.22

Stage-Discharge for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.22	181.60	0.25	182.12	0.82	182.64	12.95
181.09	0.22	181.61	0.25	182.13	0.89	182.65	13.78
181.10	0.22	181.62	0.25	182.14	0.96	182.66	14.63
181.11	0.22	181.63	0.25	182.15	1.03	182.67	15.50
181.12	0.22	181.64	0.25	182.16	1.11	182.68	16.40
181.13	0.22	181.65	0.25	182.17	1.19	182.69	17.32
181.14	0.22	181.66	0.25	182.18	1.27	182.70	18.26
181.15	0.22	181.67	0.25	182.19	1.35	182.71	19.26
181.16	0.22	181.68	0.25	182.20	1.44	182.72	20.29
181.17	0.23	181.69	0.25	182.21	1.53	182.73	21.35
181.18	0.23	181.70	0.26	182.22	1.62	182.74	22.43
181.19	0.23	181.71	0.26	182.23	1.71	182.75	23.54
181.20	0.23	181.72	0.26	182.24	1.80	182.76	24.67
181.21	0.23	181.73	0.26	182.25	1.90	182.77	25.83
181.22	0.23	181.74	0.26	182.26	1.99	182.78	27.01
181.23	0.23	181.75	0.26	182.27	2.09	182.79	28.23
181.24	0.23	181.76	0.26	182.28	2.19	182.80	29.46
181.25	0.23	181.77	0.26	182.29	2.30	182.81	30.72
181.26	0.23	181.78	0.26	182.30	2.40	182.82	32.01
181.27	0.23	181.79	0.26	182.31	2.51	182.83	33.32
181.28	0.23	181.80	0.26	182.32	2.62	182.84	34.66
181.29	0.23	181.81	0.26	182.33	2.73	182.85	36.02
181.30	0.23	181.82	0.26	182.34	2.84	182.86	37.41
181.31	0.23	181.83	0.26	182.35	2.95	182.87	38.82
181.32	0.23	181.84	0.26	182.36	3.06	182.88	40.26
181.33	0.23	181.85	0.26	182.37	3.18	182.89	41.72
181.34	0.24	181.86	0.26	182.38	3.29	182.90	43.21
181.35	0.24	181.87	0.26	182.39	3.41	182.91	44.75
181.36	0.24	181.88	0.26	182.40	3.53	182.92	46.31
181.37	0.24	181.89	0.26	182.41	3.65	182.93	47.90
181.38	0.24	181.90	0.27	182.42	3.78	182.94	49.52
181.39	0.24	181.91	0.27	182.43	3.90	182.95	51.17
181.40	0.24	181.92	0.27	182.44	4.03	182.96	52.84
181.41	0.24	181.93	0.27	182.45	4.15	182.97	54.54
181.42	0.24	181.94	0.27	182.46	4.28	182.98	56.27
181.43	0.24	181.95	0.27	182.47	4.41	182.99	58.03
181.44	0.24	181.96	0.27	182.48	4.54	183.00	59.81
181.45	0.24	181.97	0.27	182.49	4.67		
181.46	0.24	181.98	0.27	182.50	4.80		
181.47	0.24	181.99	0.27	182.51	5.05		
181.48	0.24	182.00	0.27	182.52	5.40		
181.49	0.24	182.01	0.28	182.53	5.82		
181.50	0.24	182.02	0.31	182.54	6.28		
181.51	0.24	182.03	0.34	182.55	6.80		
181.52	0.25	182.04	0.38	182.56	7.35		
181.53	0.25	182.05	0.42	182.57	7.94		
181.54	0.25	182.06	0.47	182.58	8.57		
181.55	0.25	182.07	0.52	182.59	9.22		
181.56	0.25	182.08	0.57	182.60	9.91		
181.57	0.25	182.09	0.63	182.61	10.63		
181.58	0.25	182.10	0.69	182.62	11.38		
181.59	0.25	182.11	0.75	182.63	12.15		

Stage-Area-Storage for Pond B-17A: Basin #17A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	5,508	0	179.52	6,025	2,999
179.01	5,518	55	179.53	6,035	3,059
179.02	5,528	110	179.54	6,045	3,119
179.03	5,538	166	179.55	6,055	3,180
179.04	5,548	221	179.56	6,065	3,240
179.05	5,558	277	179.57	6,075	3,301
179.06	5,568	332	179.58	6,085	3,362
179.07	5,578	388	179.59	6,094	3,423
179.08	5,588	444	179.60	6,104	3,484
179.09	5,597	500	179.61	6,114	3,545
179.10	5,607	556	179.62	6,124	3,606
179.11	5,617	612	179.63	6,134	3,667
179.12	5,627	668	179.64	6,144	3,729
179.13	5,637	724	179.65	6,154	3,790
179.14	5,647	781	179.66	6,164	3,852
179.15	5,657	837	179.67	6,174	3,913
179.16	5,667	894	179.68	6,184	3,975
179.17	5,677	951	179.69	6,194	4,037
179.18	5,687	1,008	179.70	6,204	4,099
179.19	5,697	1,064	179.71	6,214	4,161
179.20	5,707	1,121	179.72	6,224	4,223
179.21	5,717	1,179	179.73	6,234	4,286
179.22	5,727	1,236	179.74	6,244	4,348
179.23	5,737	1,293	179.75	6,254	4,411
179.24	5,747	1,351	179.76	6,263	4,473
179.25	5,757	1,408	179.77	6,273	4,536
179.26	5,766	1,466	179.78	6,283	4,599
179.27	5,776	1,523	179.79	6,293	4,661
179.28	5,786	1,581	179.80	6,303	4,724
179.29	5,796	1,639	179.81	6,313	4,788
179.30	5,806	1,697	179.82	6,323	4,851
179.31	5,816	1,755	179.83	6,333	4,914
179.32	5,826	1,813	179.84	6,343	4,977
179.33	5,836	1,872	179.85	6,353	5,041
179.34	5,846	1,930	179.86	6,363	5,104
179.35	5,856	1,989	179.87	6,373	5,168
179.36	5,866	2,047	179.88	6,383	5,232
179.37	5,876	2,106	179.89	6,393	5,296
179.38	5,886	2,165	179.90	6,403	5,360
179.39	5,896	2,224	179.91	6,413	5,424
179.40	5,906	2,283	179.92	6,422	5,488
179.41	5,916	2,342	179.93	6,432	5,552
179.42	5,925	2,401	179.94	6,442	5,617
179.43	5,935	2,460	179.95	6,452	5,681
179.44	5,945	2,520	179.96	6,462	5,746
179.45	5,955	2,579	179.97	6,472	5,810
179.46	5,965	2,639	179.98	6,482	5,875
179.47	5,975	2,699	179.99	6,492	5,940
179.48	5,985	2,758	180.00	6,502	6,005
179.49	5,995	2,818	180.01	6,512	6,070
179.50	6,005	2,878	180.02	6,523	6,135
179.51	6,015	2,938	180.03	6,534	6,201

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	6,544	6,266	180.56	7,090	9,811
180.05	6,555	6,331	180.57	7,100	9,882
180.06	6,565	6,397	180.58	7,111	9,953
180.07	6,575	6,463	180.59	7,122	10,024
180.08	6,586	6,529	180.60	7,132	10,095
180.09	6,597	6,594	180.61	7,143	10,167
180.10	6,607	6,660	180.62	7,153	10,238
180.11	6,618	6,727	180.63	7,163	10,310
180.12	6,628	6,793	180.64	7,174	10,381
180.13	6,638	6,859	180.65	7,185	10,453
180.14	6,649	6,926	180.66	7,195	10,525
180.15	6,660	6,992	180.67	7,205	10,597
180.16	6,670	7,059	180.68	7,216	10,669
180.17	6,680	7,126	180.69	7,226	10,741
180.18	6,691	7,192	180.70	7,237	10,814
180.19	6,701	7,259	180.71	7,248	10,886
180.20	6,712	7,326	180.72	7,258	10,959
180.21	6,723	7,394	180.73	7,268	11,031
180.22	6,733	7,461	180.74	7,279	11,104
180.23	6,743	7,528	180.75	7,290	11,177
180.24	6,754	7,596	180.76	7,300	11,250
180.25	6,765	7,663	180.77	7,311	11,323
180.26	6,775	7,731	180.78	7,321	11,396
180.27	6,786	7,799	180.79	7,331	11,469
180.28	6,796	7,867	180.80	7,342	11,543
180.29	6,806	7,935	180.81	7,353	11,616
180.30	6,817	8,003	180.82	7,363	11,690
180.31	6,828	8,071	180.83	7,374	11,763
180.32	6,838	8,139	180.84	7,384	11,837
180.33	6,849	8,208	180.85	7,394	11,911
180.34	6,859	8,276	180.86	7,405	11,985
180.35	6,869	8,345	180.87	7,416	12,059
180.36	6,880	8,414	180.88	7,426	12,133
180.37	6,891	8,483	180.89	7,436	12,208
180.38	6,901	8,552	180.90	7,447	12,282
180.39	6,911	8,621	180.91	7,457	12,357
180.40	6,922	8,690	180.92	7,468	12,431
180.41	6,932	8,759	180.93	7,479	12,506
180.42	6,943	8,828	180.94	7,489	12,581
180.43	6,954	8,898	180.95	7,499	12,656
180.44	6,964	8,968	180.96	7,510	12,731
180.45	6,974	9,037	180.97	7,520	12,806
180.46	6,985	9,107	180.98	7,531	12,881
180.47	6,995	9,177	180.99	7,542	12,957
180.48	7,006	9,247	181.00	7,552	13,032
180.49	7,017	9,317	181.01	7,563	13,108
180.50	7,027	9,387	181.02	7,574	13,183
180.51	7,037	9,458	181.03	7,585	13,259
180.52	7,048	9,528	181.04	7,596	13,335
180.53	7,059	9,599	181.05	7,607	13,411
180.54	7,069	9,669	181.06	7,618	13,487
180.55	7,080	9,740	181.07	7,629	13,563

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	7,640	13,640	181.60	8,216	17,762
181.09	7,652	13,716	181.61	8,227	17,844
181.10	7,663	13,793	181.62	8,238	17,927
181.11	7,674	13,869	181.63	8,249	18,009
181.12	7,685	13,946	181.64	8,260	18,092
181.13	7,696	14,023	181.65	8,271	18,174
181.14	7,707	14,100	181.66	8,282	18,257
181.15	7,718	14,177	181.67	8,293	18,340
181.16	7,729	14,254	181.68	8,304	18,423
181.17	7,740	14,332	181.69	8,315	18,506
181.18	7,751	14,409	181.70	8,326	18,589
181.19	7,762	14,487	181.71	8,337	18,673
181.20	7,773	14,565	181.72	8,348	18,756
181.21	7,784	14,642	181.73	8,359	18,840
181.22	7,795	14,720	181.74	8,370	18,923
181.23	7,806	14,798	181.75	8,382	19,007
181.24	7,817	14,876	181.76	8,393	19,091
181.25	7,829	14,955	181.77	8,404	19,175
181.26	7,840	15,033	181.78	8,415	19,259
181.27	7,851	15,111	181.79	8,426	19,343
181.28	7,862	15,190	181.80	8,437	19,428
181.29	7,873	15,269	181.81	8,448	19,512
181.30	7,884	15,347	181.82	8,459	19,596
181.31	7,895	15,426	181.83	8,470	19,681
181.32	7,906	15,505	181.84	8,481	19,766
181.33	7,917	15,584	181.85	8,492	19,851
181.34	7,928	15,664	181.86	8,503	19,936
181.35	7,939	15,743	181.87	8,514	20,021
181.36	7,950	15,822	181.88	8,525	20,106
181.37	7,961	15,902	181.89	8,536	20,191
181.38	7,972	15,982	181.90	8,547	20,277
181.39	7,983	16,061	181.91	8,558	20,362
181.40	7,994	16,141	181.92	8,570	20,448
181.41	8,005	16,221	181.93	8,581	20,534
181.42	8,017	16,301	181.94	8,592	20,620
181.43	8,028	16,382	181.95	8,603	20,705
181.44	8,039	16,462	181.96	8,614	20,792
181.45	8,050	16,542	181.97	8,625	20,878
181.46	8,061	16,623	181.98	8,636	20,964
181.47	8,072	16,704	181.99	8,647	21,050
181.48	8,083	16,784	182.00	8,658	21,137
181.49	8,094	16,865	182.01	8,670	21,224
181.50	8,105	16,946	182.02	8,681	21,310
181.51	8,116	17,027	182.03	8,693	21,397
181.52	8,127	17,109	182.04	8,705	21,484
181.53	8,138	17,190	182.05	8,716	21,571
181.54	8,149	17,271	182.06	8,728	21,659
181.55	8,160	17,353	182.07	8,739	21,746
181.56	8,171	17,435	182.08	8,751	21,833
181.57	8,182	17,516	182.09	8,763	21,921
181.58	8,193	17,598	182.10	8,774	22,009
181.59	8,205	17,680	182.11	8,786	22,096

Stage-Area-Storage for Pond B-17A: Basin #17A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	8,798	22,184	182.64	9,402	26,916
182.13	8,809	22,272	182.65	9,414	27,010
182.14	8,821	22,361	182.66	9,426	27,105
182.15	8,832	22,449	182.67	9,437	27,199
182.16	8,844	22,537	182.68	9,449	27,293
182.17	8,856	22,626	182.69	9,460	27,388
182.18	8,867	22,714	182.70	9,472	27,483
182.19	8,879	22,803	182.71	9,484	27,577
182.20	8,891	22,892	182.72	9,495	27,672
182.21	8,902	22,981	182.73	9,507	27,767
182.22	8,914	23,070	182.74	9,519	27,862
182.23	8,925	23,159	182.75	9,530	27,958
182.24	8,937	23,248	182.76	9,542	28,053
182.25	8,949	23,338	182.77	9,554	28,148
182.26	8,960	23,427	182.78	9,565	28,244
182.27	8,972	23,517	182.79	9,577	28,340
182.28	8,984	23,607	182.80	9,588	28,436
182.29	8,995	23,697	182.81	9,600	28,532
182.30	9,007	23,787	182.82	9,612	28,628
182.31	9,019	23,877	182.83	9,623	28,724
182.32	9,030	23,967	182.84	9,635	28,820
182.33	9,042	24,057	182.85	9,647	28,916
182.34	9,053	24,148	182.86	9,658	29,013
182.35	9,065	24,239	182.87	9,670	29,110
182.36	9,077	24,329	182.88	9,681	29,206
182.37	9,088	24,420	182.89	9,693	29,303
182.38	9,100	24,511	182.90	9,705	29,400
182.39	9,112	24,602	182.91	9,716	29,497
182.40	9,123	24,693	182.92	9,728	29,595
182.41	9,135	24,785	182.93	9,740	29,692
182.42	9,146	24,876	182.94	9,751	29,789
182.43	9,158	24,967	182.95	9,763	29,887
182.44	9,170	25,059	182.96	9,774	29,985
182.45	9,181	25,151	182.97	9,786	30,082
182.46	9,193	25,243	182.98	9,798	30,180
182.47	9,205	25,335	182.99	9,809	30,278
182.48	9,216	25,427	183.00	9,821	30,377
182.49	9,228	25,519			
182.50	9,240	25,611			
182.51	9,251	25,704			
182.52	9,263	25,796			
182.53	9,274	25,889			
182.54	9,286	25,982			
182.55	9,298	26,075			
182.56	9,309	26,168			
182.57	9,321	26,261			
182.58	9,333	26,354			
182.59	9,344	26,448			
182.60	9,356	26,541			
182.61	9,367	26,635			
182.62	9,379	26,728			
182.63	9,391	26,822			

Summary for Pond B-17B: Basin #17B

Inflow Area = 1.385 ac, 37.11% Impervious, Inflow Depth = 8.86" for Future 100 yr event
 Inflow = 12.46 cfs @ 12.17 hrs, Volume= 1.023 af
 Outflow = 5.30 cfs @ 12.37 hrs, Volume= 0.871 af, Atten= 57%, Lag= 12.1 min
 Primary = 5.30 cfs @ 12.37 hrs, Volume= 0.871 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.54' @ 12.37 hrs Surf.Area= 9,967 sf Storage= 21,296 cf

Plug-Flow detention time= 414.4 min calculated for 0.870 af (85% of inflow)
 Center-of-Mass det. time= 347.9 min (1,127.1 - 779.2)

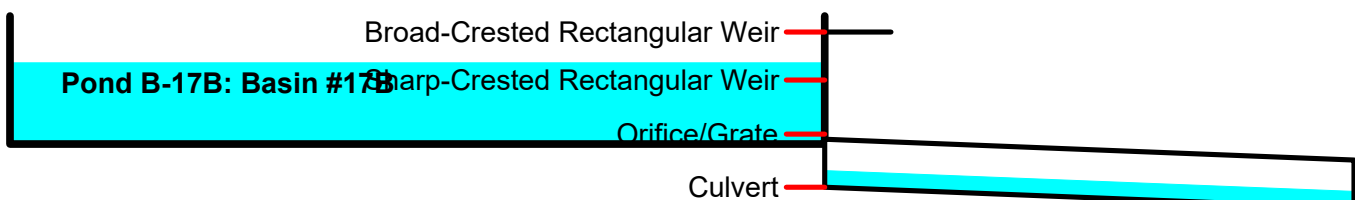
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	37,242 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	6,855	0	0
180.00	8,033	7,444	7,444
181.00	9,268	8,651	16,095
182.00	10,560	9,914	26,009
183.00	11,907	11,234	37,242

Device	Routing	Invert	Outlet Devices
#1	Primary	177.65'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 177.65' / 177.00' S= 0.0163 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.31'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	182.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

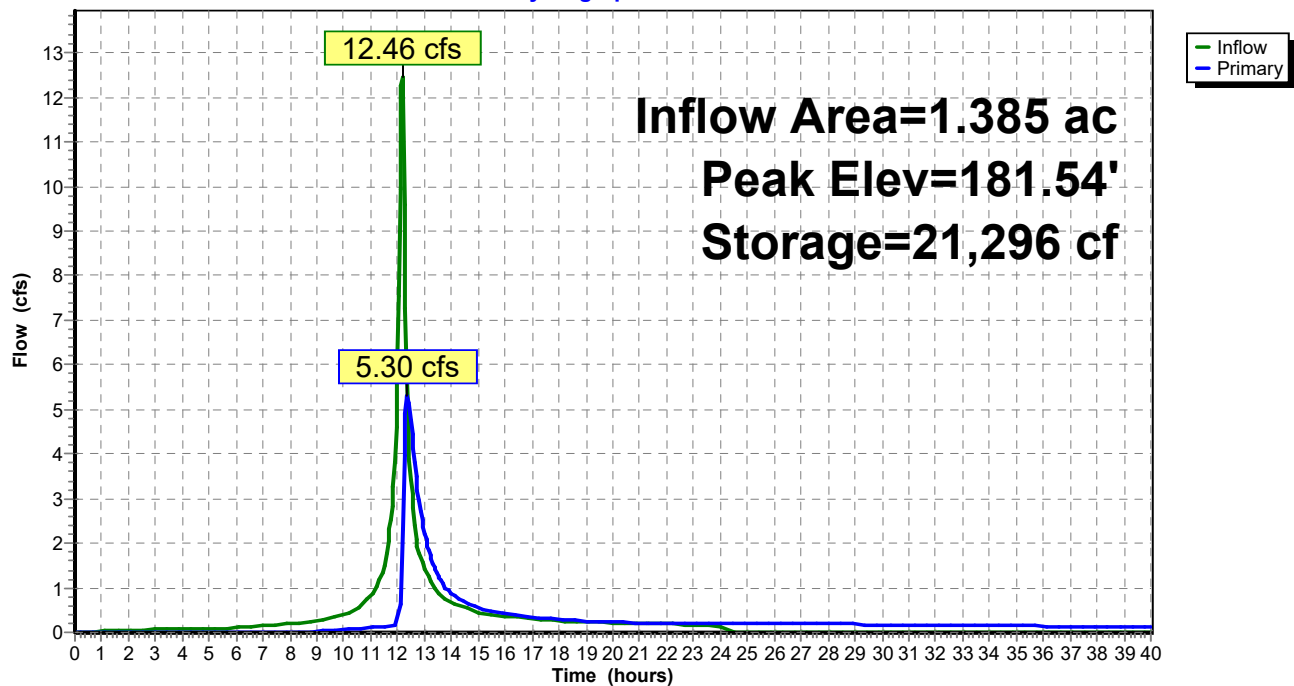
Primary OutFlow Max=5.26 cfs @ 12.37 hrs HW=181.54' (Free Discharge)

1=Culvert (Passes 5.26 cfs of 15.07 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.02 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.02 cfs @ 2.40 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-17B: Basin #17B

Hydrograph



Hydrograph for Pond B-17B: Basin #17B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.01	2	179.00	0.00
0.70	0.01	6	179.00	0.00
0.80	0.02	11	179.00	0.00
0.90	0.02	18	179.00	0.00
1.00	0.03	27	179.00	0.00
1.10	0.03	36	179.01	0.00
1.20	0.03	47	179.01	0.00
1.30	0.04	60	179.01	0.00
1.40	0.04	73	179.01	0.00
1.50	0.04	87	179.01	0.00
1.60	0.04	102	179.01	0.00
1.70	0.04	117	179.02	0.00
1.80	0.05	134	179.02	0.00
1.90	0.05	151	179.02	0.00
2.00	0.05	169	179.02	0.00
2.10	0.05	187	179.03	0.00
2.20	0.05	206	179.03	0.00
2.30	0.05	225	179.03	0.00
2.40	0.06	245	179.04	0.00
2.50	0.06	266	179.04	0.00
2.60	0.06	287	179.04	0.00
2.70	0.06	308	179.04	0.00
2.80	0.06	330	179.05	0.00
2.90	0.06	352	179.05	0.00
3.00	0.06	375	179.05	0.00
3.10	0.06	398	179.06	0.00
3.20	0.07	421	179.06	0.00
3.30	0.07	445	179.06	0.00
3.40	0.07	469	179.07	0.00
3.50	0.07	493	179.07	0.00
3.60	0.07	518	179.08	0.00
3.70	0.07	544	179.08	0.00
3.80	0.07	569	179.08	0.00
3.90	0.07	595	179.09	0.00
4.00	0.07	621	179.09	0.00
4.10	0.07	647	179.09	0.00
4.20	0.07	674	179.10	0.00
4.30	0.08	701	179.10	0.00
4.40	0.08	728	179.11	0.00
4.50	0.08	756	179.11	0.00
4.60	0.08	784	179.11	0.00
4.70	0.08	812	179.12	0.00
4.80	0.08	840	179.12	0.00
4.90	0.08	869	179.13	0.00
5.00	0.08	898	179.13	0.00
5.10	0.08	927	179.13	0.00

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	957	179.14	0.00
5.30	0.08	987	179.14	0.00
5.40	0.09	1,018	179.15	0.00
5.50	0.09	1,050	179.15	0.00
5.60	0.09	1,082	179.16	0.00
5.70	0.09	1,115	179.16	0.00
5.80	0.10	1,149	179.17	0.00
5.90	0.10	1,184	179.17	0.00
6.00	0.10	1,220	179.18	0.00
6.10	0.10	1,256	179.18	0.00
6.20	0.11	1,293	179.19	0.00
6.30	0.11	1,332	179.19	0.00
6.40	0.11	1,373	179.20	0.00
6.50	0.12	1,415	179.20	0.00
6.60	0.12	1,458	179.21	0.00
6.70	0.13	1,503	179.22	0.00
6.80	0.13	1,550	179.22	0.00
6.90	0.14	1,599	179.23	0.00
7.00	0.14	1,649	179.24	0.00
7.10	0.15	1,700	179.24	0.00
7.20	0.15	1,754	179.25	0.00
7.30	0.16	1,809	179.26	0.00
7.40	0.16	1,866	179.27	0.00
7.50	0.17	1,925	179.27	0.00
7.60	0.17	1,986	179.28	0.00
7.70	0.18	2,049	179.29	0.00
7.80	0.18	2,113	179.30	0.00
7.90	0.19	2,180	179.31	0.00
8.00	0.19	2,248	179.32	0.00
8.10	0.20	2,318	179.33	0.00
8.20	0.20	2,390	179.34	0.00
8.30	0.21	2,464	179.35	0.00
8.40	0.22	2,539	179.36	0.00
8.50	0.22	2,615	179.37	0.01
8.60	0.23	2,693	179.38	0.01
8.70	0.23	2,771	179.39	0.01
8.80	0.24	2,851	179.40	0.02
8.90	0.24	2,932	179.41	0.02
9.00	0.25	3,014	179.42	0.02
9.10	0.26	3,097	179.44	0.03
9.20	0.27	3,183	179.45	0.03
9.30	0.29	3,273	179.46	0.03
9.40	0.31	3,367	179.47	0.04
9.50	0.32	3,466	179.49	0.04
9.60	0.34	3,570	179.50	0.05
9.70	0.36	3,679	179.51	0.05
9.80	0.38	3,792	179.53	0.06
9.90	0.40	3,912	179.55	0.06
10.00	0.42	4,036	179.56	0.06
10.10	0.44	4,167	179.58	0.07
10.20	0.46	4,303	179.60	0.07
10.30	0.48	4,445	179.62	0.07

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.50	4,594	179.64	0.08
10.50	0.52	4,748	179.66	0.08
10.60	0.55	4,910	179.68	0.08
10.70	0.61	5,088	179.70	0.09
10.80	0.68	5,286	179.73	0.09
10.90	0.75	5,508	179.75	0.10
11.00	0.82	5,755	179.79	0.10
11.10	0.91	6,028	179.82	0.10
11.20	1.03	6,337	179.86	0.11
11.30	1.16	6,691	179.91	0.12
11.40	1.31	7,093	179.96	0.12
11.50	1.44	7,543	180.01	0.13
11.60	1.75	8,060	180.08	0.13
11.70	2.32	8,748	180.16	0.14
11.80	2.82	9,611	180.26	0.15
11.90	3.83	10,737	180.40	0.16
12.00	5.83	12,372	180.59	0.18
12.10	9.93	15,078	180.89	0.20
12.20	12.02	18,919	181.30	2.33
12.30	7.27	21,014	181.51	4.91
12.40	4.67	21,257	181.54	5.25
12.50	3.42	20,884	181.50	4.74
12.60	2.77	20,410	181.45	4.11
12.70	2.09	19,909	181.40	3.48
12.80	1.80	19,454	181.35	2.93
12.90	1.62	19,091	181.32	2.52
13.00	1.46	18,798	181.29	2.20
13.10	1.31	18,553	181.26	1.94
13.20	1.17	18,338	181.24	1.72
13.30	1.07	18,153	181.22	1.55
13.40	0.99	17,994	181.20	1.40
13.50	0.90	17,854	181.19	1.27
13.60	0.82	17,726	181.17	1.16
13.70	0.75	17,609	181.16	1.06
13.80	0.72	17,506	181.15	0.98
13.90	0.69	17,420	181.14	0.91
14.00	0.67	17,347	181.13	0.86
14.10	0.65	17,285	181.13	0.81
14.20	0.63	17,232	181.12	0.77
14.30	0.61	17,184	181.12	0.73
14.40	0.58	17,139	181.11	0.70
14.50	0.56	17,097	181.11	0.68
14.60	0.54	17,057	181.10	0.65
14.70	0.52	17,019	181.10	0.62
14.80	0.50	16,982	181.10	0.60
14.90	0.48	16,945	181.09	0.58
15.00	0.45	16,910	181.09	0.55
15.10	0.43	16,874	181.08	0.53
15.20	0.41	16,840	181.08	0.51
15.30	0.41	16,808	181.08	0.49
15.40	0.40	16,779	181.07	0.48
15.50	0.39	16,753	181.07	0.46

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.39	16,730	181.07	0.45
15.70	0.38	16,708	181.07	0.44
15.80	0.38	16,688	181.06	0.43
15.90	0.37	16,670	181.06	0.42
16.00	0.36	16,653	181.06	0.41
16.10	0.36	16,637	181.06	0.40
16.20	0.35	16,622	181.06	0.39
16.30	0.35	16,607	181.06	0.39
16.40	0.34	16,593	181.05	0.38
16.50	0.34	16,580	181.05	0.37
16.60	0.33	16,567	181.05	0.37
16.70	0.32	16,554	181.05	0.36
16.80	0.32	16,542	181.05	0.35
16.90	0.31	16,529	181.05	0.35
17.00	0.31	16,517	181.05	0.34
17.10	0.30	16,505	181.04	0.33
17.20	0.30	16,494	181.04	0.33
17.30	0.29	16,482	181.04	0.32
17.40	0.28	16,470	181.04	0.32
17.50	0.28	16,458	181.04	0.31
17.60	0.27	16,446	181.04	0.31
17.70	0.27	16,432	181.04	0.30
17.80	0.26	16,419	181.03	0.30
17.90	0.25	16,404	181.03	0.30
18.00	0.25	16,389	181.03	0.29
18.10	0.24	16,373	181.03	0.29
18.20	0.24	16,357	181.03	0.28
18.30	0.24	16,342	181.03	0.28
18.40	0.23	16,327	181.03	0.27
18.50	0.23	16,313	181.02	0.27
18.60	0.23	16,300	181.02	0.27
18.70	0.23	16,288	181.02	0.26
18.80	0.23	16,277	181.02	0.26
18.90	0.23	16,266	181.02	0.26
19.00	0.23	16,255	181.02	0.25
19.10	0.22	16,246	181.02	0.25
19.20	0.22	16,236	181.02	0.25
19.30	0.22	16,228	181.01	0.25
19.40	0.22	16,219	181.01	0.24
19.50	0.22	16,211	181.01	0.24
19.60	0.22	16,203	181.01	0.24
19.70	0.22	16,196	181.01	0.24
19.80	0.21	16,188	181.01	0.23
19.90	0.21	16,181	181.01	0.23
20.00	0.21	16,175	181.01	0.23
20.10	0.21	16,168	181.01	0.23
20.20	0.21	16,161	181.01	0.23
20.30	0.21	16,155	181.01	0.22
20.40	0.20	16,149	181.01	0.22
20.50	0.20	16,143	181.01	0.22
20.60	0.20	16,137	181.00	0.22
20.70	0.20	16,131	181.00	0.22

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	16,125	181.00	0.22
20.90	0.20	16,119	181.00	0.21
21.00	0.20	16,114	181.00	0.21
21.10	0.19	16,108	181.00	0.21
21.20	0.19	16,102	181.00	0.21
21.30	0.19	16,097	181.00	0.21
21.40	0.19	16,091	181.00	0.21
21.50	0.19	16,085	181.00	0.21
21.60	0.19	16,079	181.00	0.21
21.70	0.19	16,072	181.00	0.21
21.80	0.18	16,064	181.00	0.21
21.90	0.18	16,056	181.00	0.21
22.00	0.18	16,048	180.99	0.21
22.10	0.18	16,039	180.99	0.21
22.20	0.18	16,029	180.99	0.21
22.30	0.18	16,019	180.99	0.21
22.40	0.18	16,009	180.99	0.21
22.50	0.17	15,998	180.99	0.21
22.60	0.17	15,986	180.99	0.21
22.70	0.17	15,974	180.99	0.21
22.80	0.17	15,962	180.99	0.21
22.90	0.17	15,949	180.98	0.21
23.00	0.17	15,935	180.98	0.21
23.10	0.17	15,921	180.98	0.21
23.20	0.16	15,907	180.98	0.21
23.30	0.16	15,892	180.98	0.21
23.40	0.16	15,876	180.98	0.21
23.50	0.16	15,861	180.97	0.21
23.60	0.16	15,844	180.97	0.20
23.70	0.16	15,827	180.97	0.20
23.80	0.16	15,810	180.97	0.20
23.90	0.15	15,792	180.97	0.20
24.00	0.16	15,775	180.97	0.20
24.10	0.14	15,758	180.96	0.20
24.20	0.04	15,715	180.96	0.20
24.30	0.01	15,649	180.95	0.20
24.40	0.00	15,578	180.94	0.20
24.50	0.00	15,505	180.94	0.20
24.60	0.00	15,433	180.93	0.20
24.70	0.00	15,360	180.92	0.20
24.80	0.00	15,288	180.91	0.20
24.90	0.00	15,215	180.90	0.20
25.00	0.00	15,143	180.90	0.20
25.10	0.00	15,071	180.89	0.20
25.20	0.00	15,000	180.88	0.20
25.30	0.00	14,928	180.87	0.20
25.40	0.00	14,857	180.87	0.20
25.50	0.00	14,786	180.86	0.20
25.60	0.00	14,715	180.85	0.20
25.70	0.00	14,644	180.84	0.20
25.80	0.00	14,574	180.83	0.20
25.90	0.00	14,504	180.83	0.20

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,433	180.82	0.19
26.10	0.00	14,364	180.81	0.19
26.20	0.00	14,294	180.80	0.19
26.30	0.00	14,224	180.80	0.19
26.40	0.00	14,155	180.79	0.19
26.50	0.00	14,086	180.78	0.19
26.60	0.00	14,017	180.77	0.19
26.70	0.00	13,948	180.76	0.19
26.80	0.00	13,879	180.76	0.19
26.90	0.00	13,811	180.75	0.19
27.00	0.00	13,743	180.74	0.19
27.10	0.00	13,675	180.73	0.19
27.20	0.00	13,607	180.73	0.19
27.30	0.00	13,540	180.72	0.19
27.40	0.00	13,472	180.71	0.19
27.50	0.00	13,405	180.70	0.19
27.60	0.00	13,338	180.70	0.19
27.70	0.00	13,271	180.69	0.19
27.80	0.00	13,205	180.68	0.18
27.90	0.00	13,138	180.67	0.18
28.00	0.00	13,072	180.67	0.18
28.10	0.00	13,006	180.66	0.18
28.20	0.00	12,940	180.65	0.18
28.30	0.00	12,874	180.64	0.18
28.40	0.00	12,809	180.64	0.18
28.50	0.00	12,744	180.63	0.18
28.60	0.00	12,679	180.62	0.18
28.70	0.00	12,614	180.61	0.18
28.80	0.00	12,549	180.61	0.18
28.90	0.00	12,485	180.60	0.18
29.00	0.00	12,421	180.59	0.18
29.10	0.00	12,357	180.59	0.18
29.20	0.00	12,293	180.58	0.18
29.30	0.00	12,229	180.57	0.18
29.40	0.00	12,166	180.56	0.18
29.50	0.00	12,102	180.56	0.18
29.60	0.00	12,039	180.55	0.17
29.70	0.00	11,976	180.54	0.17
29.80	0.00	11,914	180.53	0.17
29.90	0.00	11,851	180.53	0.17
30.00	0.00	11,789	180.52	0.17
30.10	0.00	11,727	180.51	0.17
30.20	0.00	11,665	180.51	0.17
30.30	0.00	11,604	180.50	0.17
30.40	0.00	11,542	180.49	0.17
30.50	0.00	11,481	180.48	0.17
30.60	0.00	11,420	180.48	0.17
30.70	0.00	11,359	180.47	0.17
30.80	0.00	11,299	180.46	0.17
30.90	0.00	11,238	180.46	0.17
31.00	0.00	11,178	180.45	0.17
31.10	0.00	11,118	180.44	0.17

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,058	180.44	0.17
31.30	0.00	10,998	180.43	0.17
31.40	0.00	10,939	180.42	0.16
31.50	0.00	10,880	180.41	0.16
31.60	0.00	10,821	180.41	0.16
31.70	0.00	10,762	180.40	0.16
31.80	0.00	10,703	180.39	0.16
31.90	0.00	10,645	180.39	0.16
32.00	0.00	10,587	180.38	0.16
32.10	0.00	10,529	180.37	0.16
32.20	0.00	10,471	180.37	0.16
32.30	0.00	10,414	180.36	0.16
32.40	0.00	10,356	180.35	0.16
32.50	0.00	10,299	180.35	0.16
32.60	0.00	10,242	180.34	0.16
32.70	0.00	10,185	180.33	0.16
32.80	0.00	10,129	180.33	0.16
32.90	0.00	10,073	180.32	0.16
33.00	0.00	10,016	180.31	0.16
33.10	0.00	9,961	180.31	0.15
33.20	0.00	9,905	180.30	0.15
33.30	0.00	9,849	180.29	0.15
33.40	0.00	9,794	180.29	0.15
33.50	0.00	9,739	180.28	0.15
33.60	0.00	9,684	180.27	0.15
33.70	0.00	9,630	180.27	0.15
33.80	0.00	9,575	180.26	0.15
33.90	0.00	9,521	180.25	0.15
34.00	0.00	9,467	180.25	0.15
34.10	0.00	9,413	180.24	0.15
34.20	0.00	9,359	180.23	0.15
34.30	0.00	9,306	180.23	0.15
34.40	0.00	9,253	180.22	0.15
34.50	0.00	9,200	180.21	0.15
34.60	0.00	9,147	180.21	0.15
34.70	0.00	9,094	180.20	0.15
34.80	0.00	9,042	180.20	0.15
34.90	0.00	8,990	180.19	0.14
35.00	0.00	8,938	180.18	0.14
35.10	0.00	8,886	180.18	0.14
35.20	0.00	8,835	180.17	0.14
35.30	0.00	8,784	180.16	0.14
35.40	0.00	8,732	180.16	0.14
35.50	0.00	8,682	180.15	0.14
35.60	0.00	8,631	180.15	0.14
35.70	0.00	8,581	180.14	0.14
35.80	0.00	8,530	180.13	0.14
35.90	0.00	8,480	180.13	0.14
36.00	0.00	8,430	180.12	0.14
36.10	0.00	8,381	180.12	0.14
36.20	0.00	8,331	180.11	0.14
36.30	0.00	8,282	180.10	0.14

Hydrograph for Pond B-17B: Basin #17B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,233	180.10	0.14
36.50	0.00	8,185	180.09	0.14
36.60	0.00	8,136	180.09	0.13
36.70	0.00	8,088	180.08	0.13
36.80	0.00	8,040	180.07	0.13
36.90	0.00	7,992	180.07	0.13
37.00	0.00	7,944	180.06	0.13
37.10	0.00	7,897	180.06	0.13
37.20	0.00	7,850	180.05	0.13
37.30	0.00	7,803	180.04	0.13
37.40	0.00	7,756	180.04	0.13
37.50	0.00	7,709	180.03	0.13
37.60	0.00	7,663	180.03	0.13
37.70	0.00	7,617	180.02	0.13
37.80	0.00	7,571	180.02	0.13
37.90	0.00	7,525	180.01	0.13
38.00	0.00	7,479	180.00	0.13
38.10	0.00	7,434	180.00	0.13
38.20	0.00	7,389	179.99	0.12
38.30	0.00	7,344	179.99	0.12
38.40	0.00	7,300	179.98	0.12
38.50	0.00	7,255	179.98	0.12
38.60	0.00	7,211	179.97	0.12
38.70	0.00	7,167	179.97	0.12
38.80	0.00	7,123	179.96	0.12
38.90	0.00	7,080	179.95	0.12
39.00	0.00	7,036	179.95	0.12
39.10	0.00	6,993	179.94	0.12
39.20	0.00	6,950	179.94	0.12
39.30	0.00	6,908	179.93	0.12
39.40	0.00	6,865	179.93	0.12
39.50	0.00	6,823	179.92	0.12
39.60	0.00	6,781	179.92	0.12
39.70	0.00	6,739	179.91	0.12
39.80	0.00	6,698	179.91	0.12
39.90	0.00	6,656	179.90	0.11
40.00	0.00	6,615	179.90	0.11

Stage-Discharge for Pond B-17B: Basin #17B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.05	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.06	180.09	0.13	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.07	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.18
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.14	180.71	0.19
179.16	0.00	179.68	0.08	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.09	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.15	180.82	0.19
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.10	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.00	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.11	180.42	0.16	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.01	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.20
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.02	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.03	179.98	0.12	180.50	0.17	181.02	0.24
179.47	0.04	179.99	0.12	180.51	0.17	181.03	0.28
179.48	0.04	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.17	181.07	0.45

Stage-Discharge for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14	182.12	14.91	182.64	23.69
181.09	0.56	181.61	6.28	182.13	15.09	182.65	24.39
181.10	0.62	181.62	6.43	182.14	15.28	182.66	25.11
181.11	0.69	181.63	6.58	182.15	15.47	182.67	25.85
181.12	0.75	181.64	6.73	182.16	15.67	182.68	26.62
181.13	0.82	181.65	6.88	182.17	15.86	182.69	27.40
181.14	0.90	181.66	7.03	182.18	16.05	182.70	28.21
181.15	0.97	181.67	7.18	182.19	16.24	182.71	29.08
181.16	1.05	181.68	7.33	182.20	16.44	182.72	29.97
181.17	1.13	181.69	7.49	182.21	16.61	182.73	30.89
181.18	1.21	181.70	7.64	182.22	16.63	182.74	31.83
181.19	1.29	181.71	7.80	182.23	16.65	182.75	32.80
181.20	1.38	181.72	7.95	182.24	16.67	182.76	33.79
181.21	1.47	181.73	8.11	182.25	16.70	182.77	34.81
181.22	1.56	181.74	8.27	182.26	16.72	182.78	35.86
181.23	1.65	181.75	8.43	182.27	16.74	182.79	36.92
181.24	1.74	181.76	8.59	182.28	16.76	182.80	38.02
181.25	1.84	181.77	8.75	182.29	16.78	182.81	39.13
181.26	1.93	181.78	8.91	182.30	16.80	182.82	40.28
181.27	2.03	181.79	9.07	182.31	16.82	182.83	41.44
181.28	2.14	181.80	9.24	182.32	16.85	182.84	42.63
181.29	2.24	181.81	9.40	182.33	16.87	182.85	43.85
181.30	2.34	181.82	9.57	182.34	16.89	182.86	45.08
181.31	2.45	181.83	9.74	182.35	16.91	182.87	46.35
181.32	2.56	181.84	9.90	182.36	16.93	182.88	47.63
181.33	2.67	181.85	10.07	182.37	16.95	182.89	48.94
181.34	2.78	181.86	10.24	182.38	16.97	182.90	50.28
181.35	2.89	181.87	10.41	182.39	17.00	182.91	51.67
181.36	3.00	181.88	10.58	182.40	17.02	182.92	53.08
181.37	3.12	181.89	10.75	182.41	17.04	182.93	54.52
181.38	3.24	181.90	10.92	182.42	17.06	182.94	55.98
181.39	3.35	181.91	11.10	182.43	17.08	182.95	57.47
181.40	3.47	181.92	11.27	182.44	17.10	182.96	58.99
181.41	3.60	181.93	11.45	182.45	17.12	182.97	60.53
181.42	3.72	181.94	11.62	182.46	17.14	182.98	62.10
181.43	3.84	181.95	11.80	182.47	17.17	182.99	63.69
181.44	3.97	181.96	11.97	182.48	17.19	183.00	65.31
181.45	4.09	181.97	12.15	182.49	17.21		
181.46	4.22	181.98	12.33	182.50	17.23		
181.47	4.35	181.99	12.51	182.51	17.37		
181.48	4.48	182.00	12.69	182.52	17.60		
181.49	4.61	182.01	12.87	182.53	17.90		
181.50	4.75	182.02	13.05	182.54	18.25		
181.51	4.88	182.03	13.23	182.55	18.64		
181.52	5.02	182.04	13.42	182.56	19.08		
181.53	5.15	182.05	13.60	182.57	19.55		
181.54	5.29	182.06	13.79	182.58	20.05		
181.55	5.43	182.07	13.97	182.59	20.59		
181.56	5.57	182.08	14.16	182.60	21.16		
181.57	5.71	182.09	14.34	182.61	21.75		
181.58	5.85	182.10	14.53	182.62	22.37		
181.59	5.99	182.11	14.72	182.63	23.02		

Stage-Area-Storage for Pond B-17B: Basin #17B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	6,855	0	179.52	7,468	3,724
179.01	6,867	69	179.53	7,479	3,799
179.02	6,879	137	179.54	7,491	3,873
179.03	6,890	206	179.55	7,503	3,948
179.04	6,902	275	179.56	7,515	4,024
179.05	6,914	344	179.57	7,526	4,099
179.06	6,926	413	179.58	7,538	4,174
179.07	6,937	483	179.59	7,550	4,249
179.08	6,949	552	179.60	7,562	4,325
179.09	6,961	622	179.61	7,574	4,401
179.10	6,973	691	179.62	7,585	4,477
179.11	6,985	761	179.63	7,597	4,552
179.12	6,996	831	179.64	7,609	4,628
179.13	7,008	901	179.65	7,621	4,705
179.14	7,020	971	179.66	7,632	4,781
179.15	7,032	1,042	179.67	7,644	4,857
179.16	7,043	1,112	179.68	7,656	4,934
179.17	7,055	1,182	179.69	7,668	5,010
179.18	7,067	1,253	179.70	7,680	5,087
179.19	7,079	1,324	179.71	7,691	5,164
179.20	7,091	1,395	179.72	7,703	5,241
179.21	7,102	1,466	179.73	7,715	5,318
179.22	7,114	1,537	179.74	7,727	5,395
179.23	7,126	1,608	179.75	7,739	5,473
179.24	7,138	1,679	179.76	7,750	5,550
179.25	7,150	1,751	179.77	7,762	5,628
179.26	7,161	1,822	179.78	7,774	5,705
179.27	7,173	1,894	179.79	7,786	5,783
179.28	7,185	1,966	179.80	7,797	5,861
179.29	7,197	2,037	179.81	7,809	5,939
179.30	7,208	2,110	179.82	7,821	6,017
179.31	7,220	2,182	179.83	7,833	6,095
179.32	7,232	2,254	179.84	7,845	6,174
179.33	7,244	2,326	179.85	7,856	6,252
179.34	7,256	2,399	179.86	7,868	6,331
179.35	7,267	2,471	179.87	7,880	6,410
179.36	7,279	2,544	179.88	7,892	6,489
179.37	7,291	2,617	179.89	7,903	6,567
179.38	7,303	2,690	179.90	7,915	6,647
179.39	7,314	2,763	179.91	7,927	6,726
179.40	7,326	2,836	179.92	7,939	6,805
179.41	7,338	2,910	179.93	7,951	6,885
179.42	7,350	2,983	179.94	7,962	6,964
179.43	7,362	3,057	179.95	7,974	7,044
179.44	7,373	3,130	179.96	7,986	7,124
179.45	7,385	3,204	179.97	7,998	7,204
179.46	7,397	3,278	179.98	8,009	7,284
179.47	7,409	3,352	179.99	8,021	7,364
179.48	7,420	3,426	180.00	8,033	7,444
179.49	7,432	3,500	180.01	8,045	7,524
179.50	7,444	3,575	180.02	8,058	7,605
179.51	7,456	3,649	180.03	8,070	7,686

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	8,082	7,766	180.56	8,725	12,136
180.05	8,095	7,847	180.57	8,737	12,223
180.06	8,107	7,928	180.58	8,749	12,311
180.07	8,119	8,009	180.59	8,762	12,398
180.08	8,132	8,091	180.60	8,774	12,486
180.09	8,144	8,172	180.61	8,786	12,574
180.10	8,156	8,253	180.62	8,799	12,662
180.11	8,169	8,335	180.63	8,811	12,750
180.12	8,181	8,417	180.64	8,823	12,838
180.13	8,194	8,499	180.65	8,836	12,926
180.14	8,206	8,581	180.66	8,848	13,015
180.15	8,218	8,663	180.67	8,860	13,103
180.16	8,231	8,745	180.68	8,873	13,192
180.17	8,243	8,827	180.69	8,885	13,281
180.18	8,255	8,910	180.70	8,897	13,370
180.19	8,268	8,993	180.71	8,910	13,459
180.20	8,280	9,075	180.72	8,922	13,548
180.21	8,292	9,158	180.73	8,935	13,637
180.22	8,305	9,241	180.74	8,947	13,727
180.23	8,317	9,324	180.75	8,959	13,816
180.24	8,329	9,407	180.76	8,972	13,906
180.25	8,342	9,491	180.77	8,984	13,996
180.26	8,354	9,574	180.78	8,996	14,085
180.27	8,366	9,658	180.79	9,009	14,175
180.28	8,379	9,742	180.80	9,021	14,266
180.29	8,391	9,826	180.81	9,033	14,356
180.30	8,404	9,909	180.82	9,046	14,446
180.31	8,416	9,994	180.83	9,058	14,537
180.32	8,428	10,078	180.84	9,070	14,627
180.33	8,441	10,162	180.85	9,083	14,718
180.34	8,453	10,247	180.86	9,095	14,809
180.35	8,465	10,331	180.87	9,107	14,900
180.36	8,478	10,416	180.88	9,120	14,991
180.37	8,490	10,501	180.89	9,132	15,082
180.38	8,502	10,586	180.90	9,145	15,174
180.39	8,515	10,671	180.91	9,157	15,265
180.40	8,527	10,756	180.92	9,169	15,357
180.41	8,539	10,841	180.93	9,182	15,449
180.42	8,552	10,927	180.94	9,194	15,541
180.43	8,564	11,012	180.95	9,206	15,633
180.44	8,576	11,098	180.96	9,219	15,725
180.45	8,589	11,184	180.97	9,231	15,817
180.46	8,601	11,270	180.98	9,243	15,909
180.47	8,613	11,356	180.99	9,256	16,002
180.48	8,626	11,442	181.00	9,268	16,095
180.49	8,638	11,528	181.01	9,281	16,187
180.50	8,651	11,615	181.02	9,294	16,280
180.51	8,663	11,701	181.03	9,307	16,373
180.52	8,675	11,788	181.04	9,320	16,466
180.53	8,688	11,875	181.05	9,333	16,560
180.54	8,700	11,962	181.06	9,346	16,653
180.55	8,712	12,049	181.07	9,358	16,746

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	9,371	16,840	181.60	10,043	21,888
181.09	9,384	16,934	181.61	10,056	21,988
181.10	9,397	17,028	181.62	10,069	22,089
181.11	9,410	17,122	181.63	10,082	22,190
181.12	9,423	17,216	181.64	10,095	22,291
181.13	9,436	17,310	181.65	10,108	22,392
181.14	9,449	17,405	181.66	10,121	22,493
181.15	9,462	17,499	181.67	10,134	22,594
181.16	9,475	17,594	181.68	10,147	22,695
181.17	9,488	17,689	181.69	10,159	22,797
181.18	9,501	17,784	181.70	10,172	22,899
181.19	9,513	17,879	181.71	10,185	23,000
181.20	9,526	17,974	181.72	10,198	23,102
181.21	9,539	18,069	181.73	10,211	23,204
181.22	9,552	18,165	181.74	10,224	23,307
181.23	9,565	18,260	181.75	10,237	23,409
181.24	9,578	18,356	181.76	10,250	23,511
181.25	9,591	18,452	181.77	10,263	23,614
181.26	9,604	18,548	181.78	10,276	23,717
181.27	9,617	18,644	181.79	10,289	23,819
181.28	9,630	18,740	181.80	10,302	23,922
181.29	9,643	18,837	181.81	10,315	24,025
181.30	9,656	18,933	181.82	10,327	24,129
181.31	9,669	19,030	181.83	10,340	24,232
181.32	9,681	19,126	181.84	10,353	24,335
181.33	9,694	19,223	181.85	10,366	24,439
181.34	9,707	19,320	181.86	10,379	24,543
181.35	9,720	19,417	181.87	10,392	24,647
181.36	9,733	19,515	181.88	10,405	24,751
181.37	9,746	19,612	181.89	10,418	24,855
181.38	9,759	19,710	181.90	10,431	24,959
181.39	9,772	19,807	181.91	10,444	25,063
181.40	9,785	19,905	181.92	10,457	25,168
181.41	9,798	20,003	181.93	10,470	25,272
181.42	9,811	20,101	181.94	10,482	25,377
181.43	9,824	20,199	181.95	10,495	25,482
181.44	9,836	20,297	181.96	10,508	25,587
181.45	9,849	20,396	181.97	10,521	25,692
181.46	9,862	20,494	181.98	10,534	25,798
181.47	9,875	20,593	181.99	10,547	25,903
181.48	9,888	20,692	182.00	10,560	26,009
181.49	9,901	20,791	182.01	10,573	26,114
181.50	9,914	20,890	182.02	10,587	26,220
181.51	9,927	20,989	182.03	10,600	26,326
181.52	9,940	21,089	182.04	10,614	26,432
181.53	9,953	21,188	182.05	10,627	26,538
181.54	9,966	21,288	182.06	10,641	26,645
181.55	9,979	21,387	182.07	10,654	26,751
181.56	9,992	21,487	182.08	10,668	26,858
181.57	10,004	21,587	182.09	10,681	26,964
181.58	10,017	21,687	182.10	10,695	27,071
181.59	10,030	21,787	182.11	10,708	27,178

Stage-Area-Storage for Pond B-17B: Basin #17B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.12	10,722	27,285	182.64	11,422	33,043
182.13	10,735	27,393	182.65	11,436	33,157
182.14	10,749	27,500	182.66	11,449	33,271
182.15	10,762	27,608	182.67	11,462	33,386
182.16	10,776	27,715	182.68	11,476	33,501
182.17	10,789	27,823	182.69	11,489	33,616
182.18	10,802	27,931	182.70	11,503	33,731
182.19	10,816	28,039	182.71	11,516	33,846
182.20	10,829	28,147	182.72	11,530	33,961
182.21	10,843	28,256	182.73	11,543	34,076
182.22	10,856	28,364	182.74	11,557	34,192
182.23	10,870	28,473	182.75	11,570	34,307
182.24	10,883	28,582	182.76	11,584	34,423
182.25	10,897	28,691	182.77	11,597	34,539
182.26	10,910	28,800	182.78	11,611	34,655
182.27	10,924	28,909	182.79	11,624	34,771
182.28	10,937	29,018	182.80	11,638	34,888
182.29	10,951	29,128	182.81	11,651	35,004
182.30	10,964	29,237	182.82	11,665	35,121
182.31	10,978	29,347	182.83	11,678	35,237
182.32	10,991	29,457	182.84	11,691	35,354
182.33	11,005	29,567	182.85	11,705	35,471
182.34	11,018	29,677	182.86	11,718	35,588
182.35	11,031	29,787	182.87	11,732	35,705
182.36	11,045	29,897	182.88	11,745	35,823
182.37	11,058	30,008	182.89	11,759	35,940
182.38	11,072	30,119	182.90	11,772	36,058
182.39	11,085	30,229	182.91	11,786	36,176
182.40	11,099	30,340	182.92	11,799	36,294
182.41	11,112	30,451	182.93	11,813	36,412
182.42	11,126	30,563	182.94	11,826	36,530
182.43	11,139	30,674	182.95	11,840	36,648
182.44	11,153	30,785	182.96	11,853	36,767
182.45	11,166	30,897	182.97	11,867	36,885
182.46	11,180	31,009	182.98	11,880	37,004
182.47	11,193	31,120	182.99	11,894	37,123
182.48	11,207	31,232	183.00	11,907	37,242
182.49	11,220	31,345			
182.50	11,234	31,457			
182.51	11,247	31,569			
182.52	11,260	31,682			
182.53	11,274	31,794			
182.54	11,287	31,907			
182.55	11,301	32,020			
182.56	11,314	32,133			
182.57	11,328	32,247			
182.58	11,341	32,360			
182.59	11,355	32,473			
182.60	11,368	32,587			
182.61	11,382	32,701			
182.62	11,395	32,815			
182.63	11,409	32,929			

Summary for Pond B-2: Basin #2

Inflow Area = 1.894 ac, 38.23% Impervious, Inflow Depth = 8.89" for Future 100 yr event
 Inflow = 17.07 cfs @ 12.17 hrs, Volume= 1.404 af
 Outflow = 8.00 cfs @ 12.35 hrs, Volume= 1.300 af, Atten= 53%, Lag= 10.8 min
 Primary = 8.00 cfs @ 12.35 hrs, Volume= 1.300 af
 Routed to Pond B-1 : Basin #1

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 211.44' @ 12.35 hrs Surf.Area= 9,824 sf Storage= 21,103 cf

Plug-Flow detention time= 202.5 min calculated for 1.299 af (93% of inflow)
 Center-of-Mass det. time= 163.1 min (941.5 - 778.4)

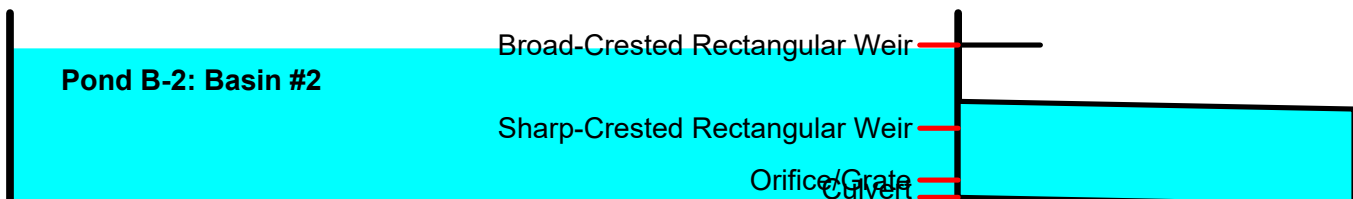
Volume	Invert	Avail.Storage	Storage Description
#1	209.00'	26,760 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
209.00	7,501	0	0
210.00	8,431	7,966	7,966
211.00	9,390	8,911	16,877
212.00	10,376	9,883	26,760

Device	Routing	Invert	Outlet Devices
#1	Primary	209.12'	18.0" Round Culvert L= 24.0' Ke= 1.000 Inlet / Outlet Invert= 209.12' / 209.00' S= 0.0050 ' S= 0.0050 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	209.39'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	210.20'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	211.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

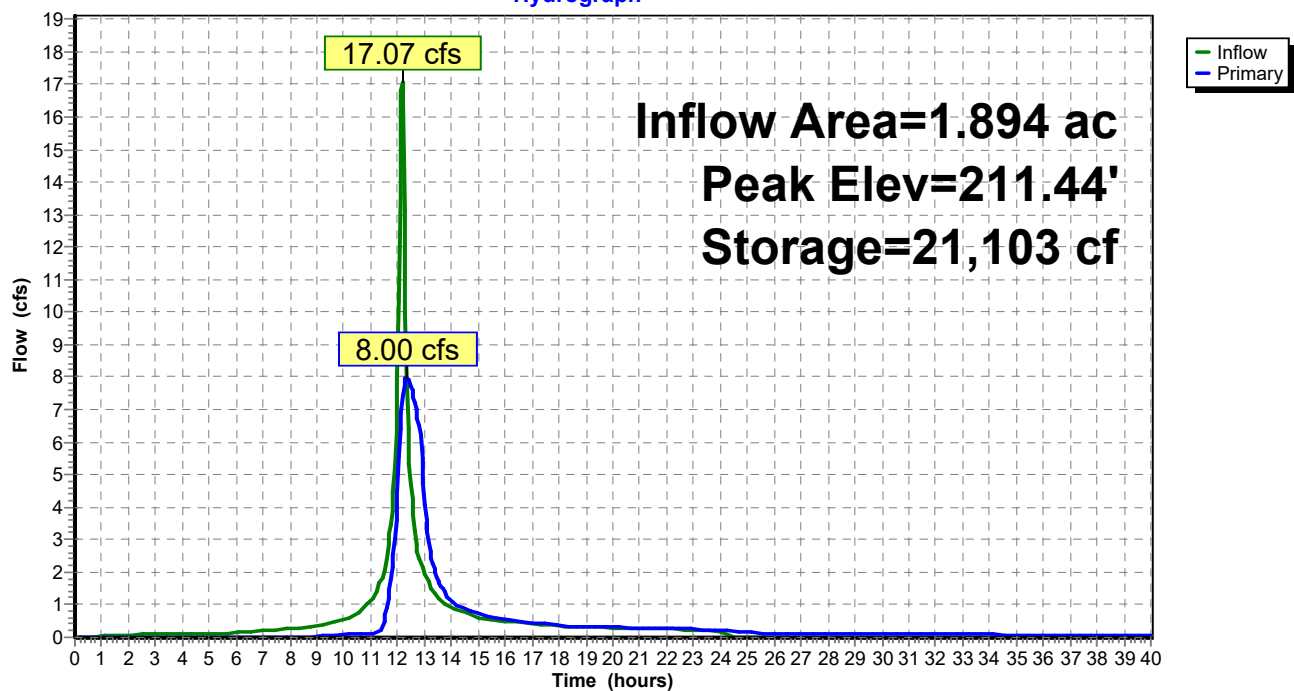
Primary OutFlow Max=8.00 cfs @ 12.35 hrs HW=211.44' (Free Discharge)

1=Culvert (Inlet Controls 8.00 cfs @ 4.52 fps)
 2=Orifice/Grate (Passes < 0.23 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 16.93 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-2: Basin #2

Hydrograph



Hydrograph for Pond B-2: Basin #2

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	209.00	0.00
0.10	0.00	0	209.00	0.00
0.20	0.00	0	209.00	0.00
0.30	0.00	0	209.00	0.00
0.40	0.00	0	209.00	0.00
0.50	0.00	1	209.00	0.00
0.60	0.01	3	209.00	0.00
0.70	0.02	8	209.00	0.00
0.80	0.02	16	209.00	0.00
0.90	0.03	25	209.00	0.00
1.00	0.04	37	209.00	0.00
1.10	0.04	51	209.01	0.00
1.20	0.05	67	209.01	0.00
1.30	0.05	84	209.01	0.00
1.40	0.05	102	209.01	0.00
1.50	0.06	122	209.02	0.00
1.60	0.06	143	209.02	0.00
1.70	0.06	165	209.02	0.00
1.80	0.07	188	209.03	0.00
1.90	0.07	212	209.03	0.00
2.00	0.07	237	209.03	0.00
2.10	0.07	263	209.04	0.00
2.20	0.07	290	209.04	0.00
2.30	0.08	317	209.04	0.00
2.40	0.08	345	209.05	0.00
2.50	0.08	374	209.05	0.00
2.60	0.08	404	209.05	0.00
2.70	0.08	434	209.06	0.00
2.80	0.09	465	209.06	0.00
2.90	0.09	496	209.07	0.00
3.00	0.09	528	209.07	0.00
3.10	0.09	560	209.07	0.00
3.20	0.09	593	209.08	0.00
3.30	0.09	627	209.08	0.00
3.40	0.09	661	209.09	0.00
3.50	0.10	695	209.09	0.00
3.60	0.10	730	209.10	0.00
3.70	0.10	766	209.10	0.00
3.80	0.10	801	209.11	0.00
3.90	0.10	838	209.11	0.00
4.00	0.10	874	209.12	0.00
4.10	0.10	912	209.12	0.00
4.20	0.10	949	209.13	0.00
4.30	0.11	987	209.13	0.00
4.40	0.11	1,026	209.14	0.00
4.50	0.11	1,065	209.14	0.00
4.60	0.11	1,104	209.15	0.00
4.70	0.11	1,143	209.15	0.00
4.80	0.11	1,183	209.16	0.00
4.90	0.11	1,224	209.16	0.00
5.00	0.11	1,265	209.17	0.00
5.10	0.11	1,306	209.17	0.00

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,347	209.18	0.00
5.30	0.12	1,390	209.18	0.00
5.40	0.12	1,434	209.19	0.00
5.50	0.13	1,478	209.19	0.00
5.60	0.13	1,524	209.20	0.00
5.70	0.13	1,570	209.21	0.00
5.80	0.13	1,618	209.21	0.00
5.90	0.14	1,667	209.22	0.00
6.00	0.14	1,717	209.23	0.00
6.10	0.14	1,768	209.23	0.00
6.20	0.15	1,820	209.24	0.00
6.30	0.15	1,875	209.25	0.00
6.40	0.16	1,931	209.25	0.00
6.50	0.17	1,990	209.26	0.00
6.60	0.17	2,050	209.27	0.00
6.70	0.18	2,114	209.28	0.00
6.80	0.18	2,179	209.29	0.00
6.90	0.19	2,246	209.29	0.00
7.00	0.20	2,316	209.30	0.00
7.10	0.20	2,388	209.31	0.00
7.20	0.21	2,463	209.32	0.00
7.30	0.22	2,540	209.33	0.00
7.40	0.22	2,619	209.34	0.00
7.50	0.23	2,701	209.35	0.00
7.60	0.24	2,786	209.36	0.00
7.70	0.25	2,873	209.37	0.00
7.80	0.25	2,962	209.39	0.00
7.90	0.26	3,055	209.40	0.00
8.00	0.27	3,149	209.41	0.00
8.10	0.28	3,247	209.42	0.00
8.20	0.28	3,346	209.43	0.00
8.30	0.29	3,447	209.45	0.01
8.40	0.30	3,551	209.46	0.01
8.50	0.31	3,655	209.47	0.01
8.60	0.31	3,762	209.49	0.02
8.70	0.32	3,870	209.50	0.02
8.80	0.33	3,979	209.51	0.03
8.90	0.34	4,090	209.53	0.03
9.00	0.35	4,201	209.54	0.04
9.10	0.36	4,315	209.56	0.04
9.20	0.38	4,432	209.57	0.05
9.30	0.40	4,555	209.59	0.05
9.40	0.42	4,685	209.60	0.05
9.50	0.45	4,822	209.62	0.06
9.60	0.47	4,966	209.64	0.06
9.70	0.50	5,118	209.66	0.07
9.80	0.52	5,278	209.68	0.07
9.90	0.55	5,445	209.70	0.07
10.00	0.58	5,620	209.72	0.08
10.10	0.60	5,804	209.74	0.08
10.20	0.63	5,996	209.76	0.09
10.30	0.66	6,196	209.79	0.09

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.69	6,405	209.81	0.09
10.50	0.71	6,623	209.84	0.10
10.60	0.76	6,852	209.87	0.10
10.70	0.84	7,103	209.90	0.10
10.80	0.93	7,383	209.93	0.11
10.90	1.03	7,695	209.97	0.11
11.00	1.13	8,041	210.01	0.12
11.10	1.25	8,424	210.05	0.12
11.20	1.42	8,858	210.11	0.13
11.30	1.60	9,353	210.16	0.13
11.40	1.79	9,909	210.23	0.20
11.50	1.98	10,465	210.29	0.51
11.60	2.41	10,986	210.35	0.92
11.70	3.18	11,572	210.42	1.47
11.80	3.87	12,181	210.49	2.14
11.90	5.25	12,884	210.57	3.00
12.00	8.00	13,899	210.68	4.39
12.10	13.61	15,736	210.88	6.41
12.20	16.47	18,976	211.22	7.42
12.30	9.96	20,935	211.42	7.95
12.40	6.39	20,949	211.42	7.96
12.50	4.69	20,084	211.34	7.73
12.60	3.80	18,893	211.21	7.39
12.70	2.86	17,491	211.07	6.98
12.80	2.47	16,017	210.91	6.50
12.90	2.22	14,654	210.76	5.52
13.00	2.00	13,698	210.66	4.11
13.10	1.79	13,066	210.59	3.24
13.20	1.60	12,617	210.54	2.67
13.30	1.47	12,285	210.50	2.26
13.40	1.35	12,032	210.47	1.97
13.50	1.24	11,830	210.45	1.75
13.60	1.12	11,660	210.43	1.57
13.70	1.03	11,511	210.41	1.41
13.80	0.98	11,387	210.40	1.29
13.90	0.95	11,288	210.39	1.19
14.00	0.92	11,209	210.38	1.12
14.10	0.89	11,143	210.37	1.06
14.20	0.86	11,086	210.36	1.01
14.30	0.83	11,037	210.36	0.96
14.40	0.80	10,991	210.35	0.92
14.50	0.77	10,949	210.35	0.88
14.60	0.74	10,909	210.34	0.85
14.70	0.71	10,870	210.34	0.82
14.80	0.68	10,831	210.33	0.79
14.90	0.65	10,794	210.33	0.76
15.00	0.62	10,756	210.32	0.73
15.10	0.59	10,719	210.32	0.69
15.20	0.57	10,683	210.32	0.67
15.30	0.55	10,649	210.31	0.64
15.40	0.55	10,619	210.31	0.62
15.50	0.54	10,594	210.31	0.60

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.53	10,572	210.30	0.59
15.70	0.52	10,553	210.30	0.57
15.80	0.51	10,536	210.30	0.56
15.90	0.51	10,520	210.30	0.55
16.00	0.50	10,505	210.30	0.54
16.10	0.49	10,492	210.29	0.53
16.20	0.48	10,479	210.29	0.52
16.30	0.48	10,467	210.29	0.51
16.40	0.47	10,454	210.29	0.50
16.50	0.46	10,442	210.29	0.49
16.60	0.45	10,430	210.29	0.48
16.70	0.44	10,418	210.29	0.48
16.80	0.44	10,406	210.28	0.47
16.90	0.43	10,394	210.28	0.46
17.00	0.42	10,381	210.28	0.45
17.10	0.41	10,369	210.28	0.45
17.20	0.40	10,356	210.28	0.44
17.30	0.40	10,344	210.28	0.43
17.40	0.39	10,331	210.28	0.42
17.50	0.38	10,318	210.27	0.42
17.60	0.37	10,306	210.27	0.41
17.70	0.36	10,293	210.27	0.40
17.80	0.36	10,281	210.27	0.39
17.90	0.35	10,268	210.27	0.38
18.00	0.34	10,255	210.27	0.38
18.10	0.33	10,243	210.27	0.37
18.20	0.33	10,230	210.26	0.36
18.30	0.32	10,218	210.26	0.35
18.40	0.32	10,208	210.26	0.35
18.50	0.32	10,199	210.26	0.34
18.60	0.32	10,192	210.26	0.34
18.70	0.31	10,185	210.26	0.33
18.80	0.31	10,179	210.26	0.33
18.90	0.31	10,173	210.26	0.33
19.00	0.31	10,167	210.26	0.32
19.10	0.31	10,161	210.26	0.32
19.20	0.30	10,156	210.26	0.32
19.30	0.30	10,151	210.26	0.32
19.40	0.30	10,146	210.25	0.31
19.50	0.30	10,142	210.25	0.31
19.60	0.30	10,137	210.25	0.31
19.70	0.29	10,132	210.25	0.31
19.80	0.29	10,128	210.25	0.30
19.90	0.29	10,124	210.25	0.30
20.00	0.29	10,120	210.25	0.30
20.10	0.29	10,115	210.25	0.30
20.20	0.28	10,111	210.25	0.30
20.30	0.28	10,107	210.25	0.29
20.40	0.28	10,102	210.25	0.29
20.50	0.28	10,098	210.25	0.29
20.60	0.28	10,094	210.25	0.29
20.70	0.28	10,090	210.25	0.29

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	10,086	210.25	0.28
20.90	0.27	10,082	210.25	0.28
21.00	0.27	10,078	210.25	0.28
21.10	0.27	10,073	210.25	0.28
21.20	0.26	10,069	210.25	0.28
21.30	0.26	10,065	210.25	0.27
21.40	0.26	10,061	210.25	0.27
21.50	0.26	10,057	210.24	0.27
21.60	0.26	10,053	210.24	0.27
21.70	0.25	10,049	210.24	0.27
21.80	0.25	10,045	210.24	0.26
21.90	0.25	10,041	210.24	0.26
22.00	0.25	10,037	210.24	0.26
22.10	0.25	10,033	210.24	0.26
22.20	0.25	10,029	210.24	0.26
22.30	0.24	10,025	210.24	0.25
22.40	0.24	10,021	210.24	0.25
22.50	0.24	10,016	210.24	0.25
22.60	0.24	10,012	210.24	0.25
22.70	0.24	10,008	210.24	0.25
22.80	0.23	10,004	210.24	0.24
22.90	0.23	10,000	210.24	0.24
23.00	0.23	9,996	210.24	0.24
23.10	0.23	9,992	210.24	0.24
23.20	0.22	9,988	210.24	0.24
23.30	0.22	9,984	210.24	0.23
23.40	0.22	9,979	210.24	0.23
23.50	0.22	9,975	210.24	0.23
23.60	0.22	9,971	210.23	0.23
23.70	0.22	9,967	210.23	0.23
23.80	0.21	9,963	210.23	0.22
23.90	0.21	9,959	210.23	0.22
24.00	0.22	9,956	210.23	0.22
24.10	0.19	9,955	210.23	0.22
24.20	0.05	9,919	210.23	0.21
24.30	0.01	9,859	210.22	0.19
24.40	0.00	9,796	210.21	0.17
24.50	0.00	9,738	210.21	0.16
24.60	0.00	9,684	210.20	0.14
24.70	0.00	9,634	210.20	0.14
24.80	0.00	9,585	210.19	0.14
24.90	0.00	9,536	210.18	0.14
25.00	0.00	9,487	210.18	0.14
25.10	0.00	9,438	210.17	0.14
25.20	0.00	9,389	210.17	0.13
25.30	0.00	9,341	210.16	0.13
25.40	0.00	9,293	210.16	0.13
25.50	0.00	9,245	210.15	0.13
25.60	0.00	9,197	210.14	0.13
25.70	0.00	9,150	210.14	0.13
25.80	0.00	9,102	210.13	0.13
25.90	0.00	9,055	210.13	0.13

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,008	210.12	0.13
26.10	0.00	8,961	210.12	0.13
26.20	0.00	8,915	210.11	0.13
26.30	0.00	8,868	210.11	0.13
26.40	0.00	8,822	210.10	0.13
26.50	0.00	8,776	210.10	0.13
26.60	0.00	8,731	210.09	0.13
26.70	0.00	8,685	210.08	0.13
26.80	0.00	8,640	210.08	0.13
26.90	0.00	8,595	210.07	0.13
27.00	0.00	8,550	210.07	0.12
27.10	0.00	8,505	210.06	0.12
27.20	0.00	8,461	210.06	0.12
27.30	0.00	8,416	210.05	0.12
27.40	0.00	8,372	210.05	0.12
27.50	0.00	8,328	210.04	0.12
27.60	0.00	8,285	210.04	0.12
27.70	0.00	8,241	210.03	0.12
27.80	0.00	8,198	210.03	0.12
27.90	0.00	8,155	210.02	0.12
28.00	0.00	8,112	210.02	0.12
28.10	0.00	8,070	210.01	0.12
28.20	0.00	8,027	210.01	0.12
28.30	0.00	7,985	210.00	0.12
28.40	0.00	7,943	210.00	0.12
28.50	0.00	7,901	209.99	0.12
28.60	0.00	7,859	209.99	0.12
28.70	0.00	7,818	209.98	0.11
28.80	0.00	7,777	209.98	0.11
28.90	0.00	7,736	209.97	0.11
29.00	0.00	7,695	209.97	0.11
29.10	0.00	7,655	209.96	0.11
29.20	0.00	7,614	209.96	0.11
29.30	0.00	7,574	209.95	0.11
29.40	0.00	7,534	209.95	0.11
29.50	0.00	7,494	209.94	0.11
29.60	0.00	7,455	209.94	0.11
29.70	0.00	7,416	209.93	0.11
29.80	0.00	7,377	209.93	0.11
29.90	0.00	7,338	209.93	0.11
30.00	0.00	7,299	209.92	0.11
30.10	0.00	7,260	209.92	0.11
30.20	0.00	7,222	209.91	0.11
30.30	0.00	7,184	209.91	0.11
30.40	0.00	7,146	209.90	0.10
30.50	0.00	7,109	209.90	0.10
30.60	0.00	7,071	209.89	0.10
30.70	0.00	7,034	209.89	0.10
30.80	0.00	6,997	209.88	0.10
30.90	0.00	6,960	209.88	0.10
31.00	0.00	6,924	209.88	0.10
31.10	0.00	6,887	209.87	0.10

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,851	209.87	0.10
31.30	0.00	6,815	209.86	0.10
31.40	0.00	6,779	209.86	0.10
31.50	0.00	6,744	209.85	0.10
31.60	0.00	6,709	209.85	0.10
31.70	0.00	6,673	209.85	0.10
31.80	0.00	6,638	209.84	0.10
31.90	0.00	6,604	209.84	0.10
32.00	0.00	6,569	209.83	0.10
32.10	0.00	6,535	209.83	0.09
32.20	0.00	6,501	209.82	0.09
32.30	0.00	6,467	209.82	0.09
32.40	0.00	6,433	209.82	0.09
32.50	0.00	6,400	209.81	0.09
32.60	0.00	6,367	209.81	0.09
32.70	0.00	6,334	209.80	0.09
32.80	0.00	6,301	209.80	0.09
32.90	0.00	6,268	209.80	0.09
33.00	0.00	6,236	209.79	0.09
33.10	0.00	6,204	209.79	0.09
33.20	0.00	6,172	209.78	0.09
33.30	0.00	6,140	209.78	0.09
33.40	0.00	6,109	209.78	0.09
33.50	0.00	6,077	209.77	0.09
33.60	0.00	6,046	209.77	0.09
33.70	0.00	6,015	209.77	0.09
33.80	0.00	5,985	209.76	0.08
33.90	0.00	5,954	209.76	0.08
34.00	0.00	5,924	209.75	0.08
34.10	0.00	5,894	209.75	0.08
34.20	0.00	5,864	209.75	0.08
34.30	0.00	5,835	209.74	0.08
34.40	0.00	5,805	209.74	0.08
34.50	0.00	5,776	209.74	0.08
34.60	0.00	5,747	209.73	0.08
34.70	0.00	5,718	209.73	0.08
34.80	0.00	5,690	209.73	0.08
34.90	0.00	5,661	209.72	0.08
35.00	0.00	5,633	209.72	0.08
35.10	0.00	5,605	209.72	0.08
35.20	0.00	5,578	209.71	0.08
35.30	0.00	5,550	209.71	0.08
35.40	0.00	5,523	209.71	0.08
35.50	0.00	5,496	209.70	0.07
35.60	0.00	5,469	209.70	0.07
35.70	0.00	5,443	209.70	0.07
35.80	0.00	5,416	209.69	0.07
35.90	0.00	5,390	209.69	0.07
36.00	0.00	5,364	209.69	0.07
36.10	0.00	5,338	209.68	0.07
36.20	0.00	5,313	209.68	0.07
36.30	0.00	5,287	209.68	0.07

Hydrograph for Pond B-2: Basin #2 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,262	209.67	0.07
36.50	0.00	5,237	209.67	0.07
36.60	0.00	5,213	209.67	0.07
36.70	0.00	5,188	209.66	0.07
36.80	0.00	5,164	209.66	0.07
36.90	0.00	5,140	209.66	0.07
37.00	0.00	5,116	209.66	0.07
37.10	0.00	5,093	209.65	0.07
37.20	0.00	5,069	209.65	0.06
37.30	0.00	5,046	209.65	0.06
37.40	0.00	5,023	209.64	0.06
37.50	0.00	5,000	209.64	0.06
37.60	0.00	4,978	209.64	0.06
37.70	0.00	4,955	209.64	0.06
37.80	0.00	4,933	209.63	0.06
37.90	0.00	4,911	209.63	0.06
38.00	0.00	4,890	209.63	0.06
38.10	0.00	4,868	209.62	0.06
38.20	0.00	4,847	209.62	0.06
38.30	0.00	4,826	209.62	0.06
38.40	0.00	4,805	209.62	0.06
38.50	0.00	4,785	209.61	0.06
38.60	0.00	4,764	209.61	0.06
38.70	0.00	4,744	209.61	0.06
38.80	0.00	4,724	209.61	0.06
38.90	0.00	4,705	209.60	0.05
39.00	0.00	4,685	209.60	0.05
39.10	0.00	4,666	209.60	0.05
39.20	0.00	4,647	209.60	0.05
39.30	0.00	4,628	209.60	0.05
39.40	0.00	4,609	209.59	0.05
39.50	0.00	4,591	209.59	0.05
39.60	0.00	4,573	209.59	0.05
39.70	0.00	4,555	209.59	0.05
39.80	0.00	4,537	209.58	0.05
39.90	0.00	4,520	209.58	0.05
40.00	0.00	4,502	209.58	0.05

Stage-Discharge for Pond B-2: Basin #2

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.00	0.00	209.52	0.03	210.04	0.12	210.56	2.94
209.01	0.00	209.53	0.03	210.05	0.12	210.57	3.06
209.02	0.00	209.54	0.03	210.06	0.12	210.58	3.18
209.03	0.00	209.55	0.04	210.07	0.12	210.59	3.30
209.04	0.00	209.56	0.04	210.08	0.13	210.60	3.42
209.05	0.00	209.57	0.05	210.09	0.13	210.61	3.54
209.06	0.00	209.58	0.05	210.10	0.13	210.62	3.66
209.07	0.00	209.59	0.05	210.11	0.13	210.63	3.78
209.08	0.00	209.60	0.05	210.12	0.13	210.64	3.91
209.09	0.00	209.61	0.06	210.13	0.13	210.65	4.04
209.10	0.00	209.62	0.06	210.14	0.13	210.66	4.16
209.11	0.00	209.63	0.06	210.15	0.13	210.67	4.29
209.12	0.00	209.64	0.06	210.16	0.13	210.68	4.42
209.13	0.00	209.65	0.06	210.17	0.13	210.69	4.56
209.14	0.00	209.66	0.07	210.18	0.14	210.70	4.69
209.15	0.00	209.67	0.07	210.19	0.14	210.71	4.82
209.16	0.00	209.68	0.07	210.20	0.14	210.72	4.96
209.17	0.00	209.69	0.07	210.21	0.15	210.73	5.10
209.18	0.00	209.70	0.07	210.22	0.18	210.74	5.23
209.19	0.00	209.71	0.08	210.23	0.21	210.75	5.37
209.20	0.00	209.72	0.08	210.24	0.25	210.76	5.51
209.21	0.00	209.73	0.08	210.25	0.29	210.77	5.65
209.22	0.00	209.74	0.08	210.26	0.34	210.78	5.80
209.23	0.00	209.75	0.08	210.27	0.39	210.79	5.94
209.24	0.00	209.76	0.08	210.28	0.44	210.80	6.08
209.25	0.00	209.77	0.09	210.29	0.50	210.81	6.16
209.26	0.00	209.78	0.09	210.30	0.56	210.82	6.20
209.27	0.00	209.79	0.09	210.31	0.62	210.83	6.25
209.28	0.00	209.80	0.09	210.32	0.69	210.84	6.29
209.29	0.00	209.81	0.09	210.33	0.76	210.85	6.32
209.30	0.00	209.82	0.09	210.34	0.83	210.86	6.35
209.31	0.00	209.83	0.10	210.35	0.91	210.87	6.38
209.32	0.00	209.84	0.10	210.36	0.98	210.88	6.41
209.33	0.00	209.85	0.10	210.37	1.06	210.89	6.45
209.34	0.00	209.86	0.10	210.38	1.14	210.90	6.48
209.35	0.00	209.87	0.10	210.39	1.23	210.91	6.51
209.36	0.00	209.88	0.10	210.40	1.31	210.92	6.54
209.37	0.00	209.89	0.10	210.41	1.40	210.93	6.57
209.38	0.00	209.90	0.10	210.42	1.49	210.94	6.60
209.39	0.00	209.91	0.11	210.43	1.58	210.95	6.63
209.40	0.00	209.92	0.11	210.44	1.68	210.96	6.66
209.41	0.00	209.93	0.11	210.45	1.78	210.97	6.69
209.42	0.00	209.94	0.11	210.46	1.87	210.98	6.72
209.43	0.00	209.95	0.11	210.47	1.97	210.99	6.75
209.44	0.00	209.96	0.11	210.48	2.07	211.00	6.78
209.45	0.01	209.97	0.11	210.49	2.18	211.01	6.81
209.46	0.01	209.98	0.11	210.50	2.28	211.02	6.84
209.47	0.01	209.99	0.12	210.51	2.39	211.03	6.87
209.48	0.01	210.00	0.12	210.52	2.50	211.04	6.90
209.49	0.02	210.01	0.12	210.53	2.61	211.05	6.93
209.50	0.02	210.02	0.12	210.54	2.72	211.06	6.96
209.51	0.02	210.03	0.12	210.55	2.83	211.07	6.99

Stage-Discharge for Pond B-2: Basin #2 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
211.08	7.02	211.60	12.11
211.09	7.05	211.61	12.71
211.10	7.08	211.62	13.33
211.11	7.11	211.63	13.98
211.12	7.13	211.64	14.66
211.13	7.16	211.65	15.36
211.14	7.19	211.66	16.08
211.15	7.22	211.67	16.83
211.16	7.25	211.68	17.60
211.17	7.28	211.69	18.39
211.18	7.30	211.70	19.20
211.19	7.33	211.71	20.07
211.20	7.36	211.72	20.96
211.21	7.39	211.73	21.89
211.22	7.41	211.74	22.83
211.23	7.44	211.75	23.80
211.24	7.47	211.76	24.80
211.25	7.50	211.77	25.82
211.26	7.52	211.78	26.87
211.27	7.55	211.79	27.94
211.28	7.58	211.80	29.03
211.29	7.60	211.81	30.15
211.30	7.63	211.82	31.30
211.31	7.66	211.83	32.47
211.32	7.68	211.84	33.66
211.33	7.71	211.85	34.88
211.34	7.74	211.86	36.12
211.35	7.76	211.87	37.38
211.36	7.79	211.88	38.67
211.37	7.82	211.89	39.98
211.38	7.84	211.90	41.32
211.39	7.87	211.91	42.71
211.40	7.89	211.92	44.12
211.41	7.92	211.93	45.56
211.42	7.94	211.94	47.03
211.43	7.97	211.95	48.52
211.44	8.00	211.96	50.04
211.45	8.02	211.97	51.59
211.46	8.05	211.98	53.16
211.47	8.07	211.99	54.75
211.48	8.10	212.00	56.38
211.49	8.12		
211.50	8.15		
211.51	8.29		
211.52	8.53		
211.53	8.83		
211.54	9.18		
211.55	9.58		
211.56	10.02		
211.57	10.49		
211.58	11.00		
211.59	11.54		

Stage-Area-Storage for Pond B-2: Basin #2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.00	7,501	0	209.52	7,985	4,026
209.01	7,510	75	209.53	7,994	4,106
209.02	7,520	150	209.54	8,003	4,186
209.03	7,529	225	209.55	8,013	4,266
209.04	7,538	301	209.56	8,022	4,346
209.05	7,548	376	209.57	8,031	4,427
209.06	7,557	452	209.58	8,040	4,507
209.07	7,566	527	209.59	8,050	4,587
209.08	7,575	603	209.60	8,059	4,668
209.09	7,585	679	209.61	8,068	4,749
209.10	7,594	755	209.62	8,078	4,829
209.11	7,603	831	209.63	8,087	4,910
209.12	7,613	907	209.64	8,096	4,991
209.13	7,622	983	209.65	8,106	5,072
209.14	7,631	1,059	209.66	8,115	5,153
209.15	7,641	1,136	209.67	8,124	5,234
209.16	7,650	1,212	209.68	8,133	5,316
209.17	7,659	1,289	209.69	8,143	5,397
209.18	7,668	1,365	209.70	8,152	5,479
209.19	7,678	1,442	209.71	8,161	5,560
209.20	7,687	1,519	209.72	8,171	5,642
209.21	7,696	1,596	209.73	8,180	5,724
209.22	7,706	1,673	209.74	8,189	5,805
209.23	7,715	1,750	209.75	8,199	5,887
209.24	7,724	1,827	209.76	8,208	5,969
209.25	7,734	1,904	209.77	8,217	6,051
209.26	7,743	1,982	209.78	8,226	6,134
209.27	7,752	2,059	209.79	8,236	6,216
209.28	7,761	2,137	209.80	8,245	6,298
209.29	7,771	2,214	209.81	8,254	6,381
209.30	7,780	2,292	209.82	8,264	6,463
209.31	7,789	2,370	209.83	8,273	6,546
209.32	7,799	2,448	209.84	8,282	6,629
209.33	7,808	2,526	209.85	8,291	6,712
209.34	7,817	2,604	209.86	8,301	6,795
209.35	7,826	2,682	209.87	8,310	6,878
209.36	7,836	2,761	209.88	8,319	6,961
209.37	7,845	2,839	209.89	8,329	7,044
209.38	7,854	2,918	209.90	8,338	7,128
209.39	7,864	2,996	209.91	8,347	7,211
209.40	7,873	3,075	209.92	8,357	7,294
209.41	7,882	3,154	209.93	8,366	7,378
209.42	7,892	3,232	209.94	8,375	7,462
209.43	7,901	3,311	209.95	8,384	7,546
209.44	7,910	3,390	209.96	8,394	7,630
209.45	7,919	3,470	209.97	8,403	7,713
209.46	7,929	3,549	209.98	8,412	7,798
209.47	7,938	3,628	209.99	8,422	7,882
209.48	7,947	3,708	210.00	8,431	7,966
209.49	7,957	3,787	210.01	8,441	8,050
209.50	7,966	3,867	210.02	8,450	8,135
209.51	7,975	3,946	210.03	8,460	8,219

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.04	8,469	8,304	210.56	8,968	12,838
210.05	8,479	8,389	210.57	8,978	12,927
210.06	8,489	8,474	210.58	8,987	13,017
210.07	8,498	8,559	210.59	8,997	13,107
210.08	8,508	8,644	210.60	9,006	13,197
210.09	8,517	8,729	210.61	9,016	13,287
210.10	8,527	8,814	210.62	9,026	13,378
210.11	8,536	8,899	210.63	9,035	13,468
210.12	8,546	8,985	210.64	9,045	13,558
210.13	8,556	9,070	210.65	9,054	13,649
210.14	8,565	9,156	210.66	9,064	13,739
210.15	8,575	9,241	210.67	9,074	13,830
210.16	8,584	9,327	210.68	9,083	13,921
210.17	8,594	9,413	210.69	9,093	14,012
210.18	8,604	9,499	210.70	9,102	14,103
210.19	8,613	9,585	210.71	9,112	14,194
210.20	8,623	9,671	210.72	9,121	14,285
210.21	8,632	9,758	210.73	9,131	14,376
210.22	8,642	9,844	210.74	9,141	14,468
210.23	8,652	9,930	210.75	9,150	14,559
210.24	8,661	10,017	210.76	9,160	14,651
210.25	8,671	10,104	210.77	9,169	14,742
210.26	8,680	10,190	210.78	9,179	14,834
210.27	8,690	10,277	210.79	9,189	14,926
210.28	8,700	10,364	210.80	9,198	15,018
210.29	8,709	10,451	210.81	9,208	15,110
210.30	8,719	10,538	210.82	9,217	15,202
210.31	8,728	10,626	210.83	9,227	15,294
210.32	8,738	10,713	210.84	9,237	15,386
210.33	8,747	10,800	210.85	9,246	15,479
210.34	8,757	10,888	210.86	9,256	15,571
210.35	8,767	10,976	210.87	9,265	15,664
210.36	8,776	11,063	210.88	9,275	15,757
210.37	8,786	11,151	210.89	9,285	15,849
210.38	8,795	11,239	210.90	9,294	15,942
210.39	8,805	11,327	210.91	9,304	16,035
210.40	8,815	11,415	210.92	9,313	16,128
210.41	8,824	11,503	210.93	9,323	16,222
210.42	8,834	11,592	210.94	9,332	16,315
210.43	8,843	11,680	210.95	9,342	16,408
210.44	8,853	11,768	210.96	9,352	16,502
210.45	8,863	11,857	210.97	9,361	16,595
210.46	8,872	11,946	210.98	9,371	16,689
210.47	8,882	12,034	210.99	9,380	16,783
210.48	8,891	12,123	211.00	9,390	16,877
210.49	8,901	12,212	211.01	9,400	16,970
210.50	8,911	12,301	211.02	9,410	17,064
210.51	8,920	12,391	211.03	9,420	17,159
210.52	8,930	12,480	211.04	9,429	17,253
210.53	8,939	12,569	211.05	9,439	17,347
210.54	8,949	12,659	211.06	9,449	17,442
210.55	8,958	12,748	211.07	9,459	17,536

Stage-Area-Storage for Pond B-2: Basin #2 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.08	9,469	17,631	211.60	9,982	22,688
211.09	9,479	17,726	211.61	9,991	22,788
211.10	9,489	17,820	211.62	10,001	22,888
211.11	9,498	17,915	211.63	10,011	22,988
211.12	9,508	18,010	211.64	10,021	23,088
211.13	9,518	18,106	211.65	10,031	23,188
211.14	9,528	18,201	211.66	10,041	23,289
211.15	9,538	18,296	211.67	10,051	23,389
211.16	9,548	18,392	211.68	10,060	23,490
211.17	9,558	18,487	211.69	10,070	23,590
211.18	9,567	18,583	211.70	10,080	23,691
211.19	9,577	18,678	211.71	10,090	23,792
211.20	9,587	18,774	211.72	10,100	23,893
211.21	9,597	18,870	211.73	10,110	23,994
211.22	9,607	18,966	211.74	10,120	24,095
211.23	9,617	19,062	211.75	10,130	24,196
211.24	9,627	19,158	211.76	10,139	24,298
211.25	9,637	19,255	211.77	10,149	24,399
211.26	9,646	19,351	211.78	10,159	24,501
211.27	9,656	19,448	211.79	10,169	24,602
211.28	9,666	19,544	211.80	10,179	24,704
211.29	9,676	19,641	211.81	10,189	24,806
211.30	9,686	19,738	211.82	10,199	24,908
211.31	9,696	19,835	211.83	10,208	25,010
211.32	9,706	19,932	211.84	10,218	25,112
211.33	9,715	20,029	211.85	10,228	25,214
211.34	9,725	20,126	211.86	10,238	25,317
211.35	9,735	20,223	211.87	10,248	25,419
211.36	9,745	20,321	211.88	10,258	25,521
211.37	9,755	20,418	211.89	10,268	25,624
211.38	9,765	20,516	211.90	10,277	25,727
211.39	9,775	20,614	211.91	10,287	25,830
211.40	9,784	20,711	211.92	10,297	25,933
211.41	9,794	20,809	211.93	10,307	26,036
211.42	9,804	20,907	211.94	10,317	26,139
211.43	9,814	21,005	211.95	10,327	26,242
211.44	9,824	21,104	211.96	10,337	26,345
211.45	9,834	21,202	211.97	10,346	26,449
211.46	9,844	21,300	211.98	10,356	26,552
211.47	9,853	21,399	211.99	10,366	26,656
211.48	9,863	21,497	212.00	10,376	26,760
211.49	9,873	21,596			
211.50	9,883	21,695			
211.51	9,893	21,794			
211.52	9,903	21,893			
211.53	9,913	21,992			
211.54	9,922	22,091			
211.55	9,932	22,190			
211.56	9,942	22,290			
211.57	9,952	22,389			
211.58	9,962	22,489			
211.59	9,972	22,588			

Summary for Pond B-3: Basin #3

Inflow Area = 1.554 ac, 38.35% Impervious, Inflow Depth = 8.90" for Future 100 yr event
 Inflow = 14.01 cfs @ 12.17 hrs, Volume= 1.152 af
 Outflow = 0.73 cfs @ 14.10 hrs, Volume= 0.675 af, Atten= 95%, Lag= 115.7 min
 Primary = 0.73 cfs @ 14.10 hrs, Volume= 0.675 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 215.61' @ 14.10 hrs Surf.Area= 17,148 sf Storage= 35,345 cf

Plug-Flow detention time= 722.4 min calculated for 0.675 af (59% of inflow)
 Center-of-Mass det. time= 609.1 min (1,387.4 - 778.3)

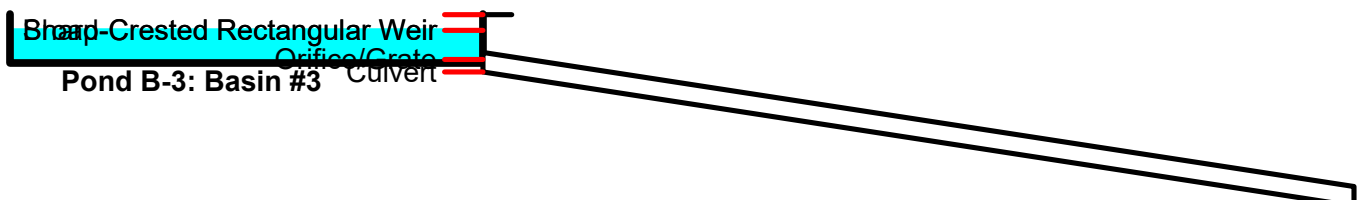
Volume	Invert	Avail.Storage	Storage Description
#1	213.00'	56,991 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
213.00	9,992	0	0
214.00	12,685	11,339	11,339
215.00	15,435	14,060	25,399
216.00	18,241	16,838	42,237
216.75	21,104	14,754	56,991

Device	Routing	Invert	Outlet Devices
#1	Primary	212.30'	18.0" Round Culvert L= 151.0' Ke= 0.500 Inlet / Outlet Invert= 212.30' / 202.00' S= 0.0682 ' S= 0.0682 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	213.25'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	215.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	216.70'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

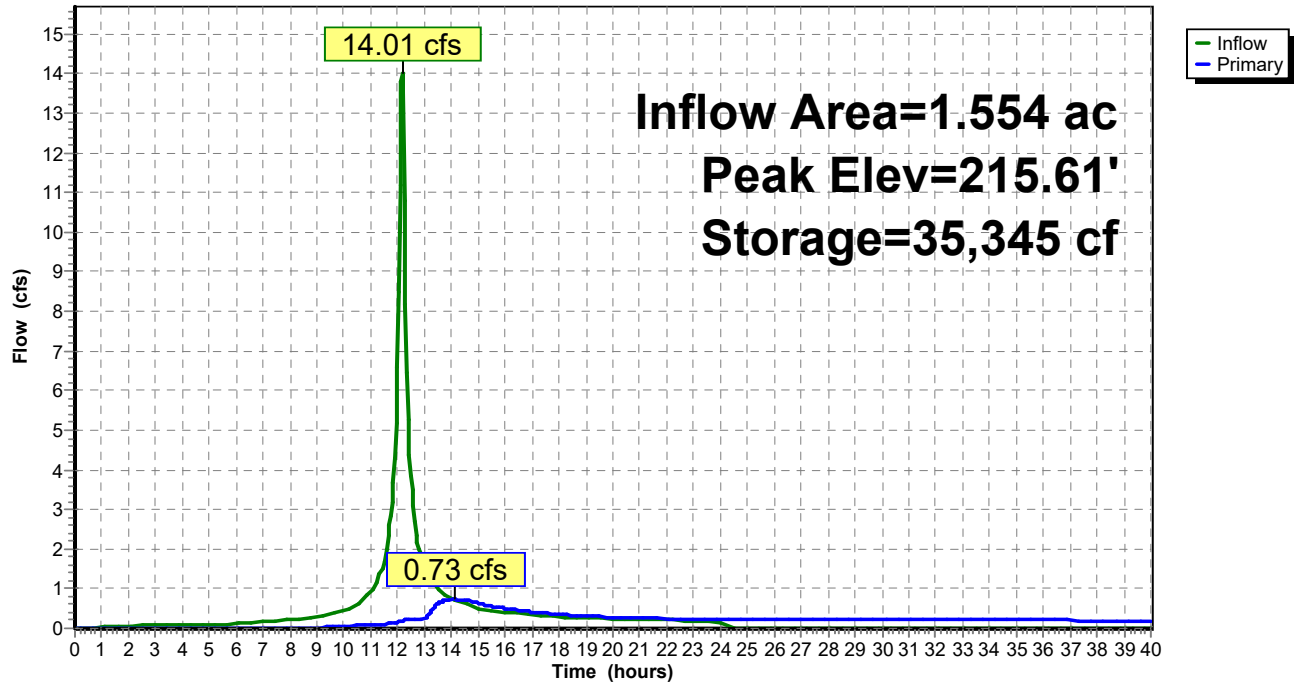
Primary OutFlow Max=0.72 cfs @ 14.10 hrs HW=215.61' (Free Discharge)

1=Culvert (Passes 0.72 cfs of 13.62 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.23 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.48 cfs @ 1.09 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-3: Basin #3

Hydrograph



Hydrograph for Pond B-3: Basin #3

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	213.00	0.00
0.10	0.00	0	213.00	0.00
0.20	0.00	0	213.00	0.00
0.30	0.00	0	213.00	0.00
0.40	0.00	0	213.00	0.00
0.50	0.00	0	213.00	0.00
0.60	0.01	2	213.00	0.00
0.70	0.01	7	213.00	0.00
0.80	0.02	13	213.00	0.00
0.90	0.03	21	213.00	0.00
1.00	0.03	31	213.00	0.00
1.10	0.03	42	213.00	0.00
1.20	0.04	55	213.01	0.00
1.30	0.04	69	213.01	0.00
1.40	0.04	84	213.01	0.00
1.50	0.05	101	213.01	0.00
1.60	0.05	118	213.01	0.00
1.70	0.05	136	213.01	0.00
1.80	0.05	155	213.02	0.00
1.90	0.06	175	213.02	0.00
2.00	0.06	195	213.02	0.00
2.10	0.06	217	213.02	0.00
2.20	0.06	239	213.02	0.00
2.30	0.06	261	213.03	0.00
2.40	0.07	284	213.03	0.00
2.50	0.07	308	213.03	0.00
2.60	0.07	332	213.03	0.00
2.70	0.07	357	213.04	0.00
2.80	0.07	382	213.04	0.00
2.90	0.07	408	213.04	0.00
3.00	0.07	435	213.04	0.00
3.10	0.07	461	213.05	0.00
3.20	0.08	488	213.05	0.00
3.30	0.08	516	213.05	0.00
3.40	0.08	544	213.05	0.00
3.50	0.08	572	213.06	0.00
3.60	0.08	601	213.06	0.00
3.70	0.08	630	213.06	0.00
3.80	0.08	660	213.07	0.00
3.90	0.08	690	213.07	0.00
4.00	0.08	720	213.07	0.00
4.10	0.09	750	213.07	0.00
4.20	0.09	781	213.08	0.00
4.30	0.09	813	213.08	0.00
4.40	0.09	844	213.08	0.00
4.50	0.09	876	213.09	0.00
4.60	0.09	909	213.09	0.00
4.70	0.09	941	213.09	0.00
4.80	0.09	974	213.10	0.00
4.90	0.09	1,007	213.10	0.00
5.00	0.09	1,041	213.10	0.00
5.10	0.09	1,075	213.11	0.00

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,109	213.11	0.00
5.30	0.10	1,144	213.11	0.00
5.40	0.10	1,180	213.12	0.00
5.50	0.10	1,217	213.12	0.00
5.60	0.11	1,254	213.12	0.00
5.70	0.11	1,293	213.13	0.00
5.80	0.11	1,332	213.13	0.00
5.90	0.11	1,372	213.13	0.00
6.00	0.12	1,413	213.14	0.00
6.10	0.12	1,455	213.14	0.00
6.20	0.12	1,498	213.15	0.00
6.30	0.13	1,543	213.15	0.00
6.40	0.13	1,589	213.16	0.00
6.50	0.14	1,638	213.16	0.00
6.60	0.14	1,688	213.17	0.00
6.70	0.15	1,739	213.17	0.00
6.80	0.15	1,793	213.18	0.00
6.90	0.16	1,849	213.18	0.00
7.00	0.16	1,906	213.19	0.00
7.10	0.17	1,965	213.19	0.00
7.20	0.17	2,027	213.20	0.00
7.30	0.18	2,090	213.20	0.00
7.40	0.18	2,155	213.21	0.00
7.50	0.19	2,223	213.22	0.00
7.60	0.20	2,292	213.22	0.00
7.70	0.20	2,364	213.23	0.00
7.80	0.21	2,437	213.24	0.00
7.90	0.21	2,513	213.24	0.00
8.00	0.22	2,591	213.25	0.00
8.10	0.23	2,672	213.26	0.00
8.20	0.23	2,754	213.27	0.00
8.30	0.24	2,839	213.27	0.00
8.40	0.25	2,925	213.28	0.00
8.50	0.25	3,013	213.29	0.00
8.60	0.26	3,104	213.30	0.00
8.70	0.27	3,196	213.31	0.01
8.80	0.27	3,290	213.32	0.01
8.90	0.28	3,385	213.32	0.01
9.00	0.29	3,483	213.33	0.01
9.10	0.30	3,582	213.34	0.02
9.20	0.31	3,685	213.35	0.02
9.30	0.33	3,793	213.36	0.02
9.40	0.35	3,907	213.37	0.02
9.50	0.37	4,026	213.38	0.03
9.60	0.39	4,151	213.39	0.03
9.70	0.41	4,282	213.41	0.04
9.80	0.43	4,419	213.42	0.04
9.90	0.45	4,562	213.43	0.05
10.00	0.47	4,712	213.44	0.05
10.10	0.49	4,867	213.46	0.05
10.20	0.52	5,030	213.47	0.06
10.30	0.54	5,199	213.49	0.06

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.56	5,376	213.50	0.06
10.50	0.59	5,559	213.52	0.07
10.60	0.62	5,752	213.54	0.07
10.70	0.69	5,962	213.56	0.07
10.80	0.76	6,196	213.58	0.08
10.90	0.84	6,456	213.60	0.08
11.00	0.93	6,745	213.62	0.09
11.10	1.02	7,063	213.65	0.09
11.20	1.16	7,424	213.68	0.09
11.30	1.31	7,834	213.72	0.10
11.40	1.47	8,300	213.75	0.10
11.50	1.63	8,820	213.80	0.11
11.60	1.98	9,416	213.85	0.12
11.70	2.61	10,205	213.91	0.12
11.80	3.18	11,191	213.99	0.13
11.90	4.31	12,475	214.09	0.14
12.00	6.57	14,332	214.23	0.15
12.10	11.17	17,395	214.46	0.17
12.20	13.51	22,030	214.78	0.20
12.30	8.17	25,848	215.03	0.21
12.40	5.25	28,137	215.17	0.22
12.50	3.85	29,665	215.27	0.23
12.60	3.12	30,841	215.34	0.23
12.70	2.35	31,730	215.40	0.23
12.80	2.02	32,427	215.44	0.24
12.90	1.82	33,033	215.47	0.24
13.00	1.64	33,569	215.51	0.25
13.10	1.47	34,026	215.53	0.33
13.20	1.31	34,392	215.55	0.41
13.30	1.21	34,680	215.57	0.50
13.40	1.11	34,904	215.58	0.57
13.50	1.02	35,071	215.59	0.63
13.60	0.92	35,186	215.60	0.67
13.70	0.85	35,257	215.61	0.70
13.80	0.81	35,300	215.61	0.71
13.90	0.78	35,326	215.61	0.72
14.00	0.75	35,341	215.61	0.73
14.10	0.73	35,346	215.61	0.73
14.20	0.70	35,341	215.61	0.73
14.30	0.68	35,330	215.61	0.72
14.40	0.66	35,311	215.61	0.72
14.50	0.63	35,287	215.61	0.71
14.60	0.61	35,257	215.61	0.70
14.70	0.58	35,223	215.60	0.68
14.80	0.56	35,185	215.60	0.67
14.90	0.54	35,144	215.60	0.65
15.00	0.51	35,099	215.60	0.64
15.10	0.49	35,052	215.59	0.62
15.20	0.47	35,003	215.59	0.60
15.30	0.46	34,956	215.59	0.58
15.40	0.45	34,910	215.59	0.57
15.50	0.44	34,867	215.58	0.56

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.43	34,827	215.58	0.54
15.70	0.43	34,788	215.58	0.53
15.80	0.42	34,751	215.58	0.52
15.90	0.42	34,716	215.57	0.51
16.00	0.41	34,682	215.57	0.50
16.10	0.40	34,650	215.57	0.49
16.20	0.40	34,618	215.57	0.48
16.30	0.39	34,588	215.57	0.47
16.40	0.38	34,559	215.56	0.46
16.50	0.38	34,530	215.56	0.46
16.60	0.37	34,502	215.56	0.45
16.70	0.36	34,475	215.56	0.44
16.80	0.36	34,449	215.56	0.43
16.90	0.35	34,423	215.56	0.42
17.00	0.34	34,397	215.55	0.41
17.10	0.34	34,372	215.55	0.41
17.20	0.33	34,347	215.55	0.40
17.30	0.32	34,323	215.55	0.39
17.40	0.32	34,298	215.55	0.39
17.50	0.31	34,274	215.55	0.38
17.60	0.31	34,248	215.55	0.38
17.70	0.30	34,223	215.54	0.37
17.80	0.29	34,197	215.54	0.37
17.90	0.29	34,170	215.54	0.36
18.00	0.28	34,143	215.54	0.35
18.10	0.27	34,116	215.54	0.35
18.20	0.27	34,089	215.54	0.34
18.30	0.26	34,062	215.54	0.34
18.40	0.26	34,036	215.53	0.33
18.50	0.26	34,011	215.53	0.33
18.60	0.26	33,988	215.53	0.32
18.70	0.26	33,966	215.53	0.32
18.80	0.26	33,944	215.53	0.31
18.90	0.25	33,924	215.53	0.31
19.00	0.25	33,905	215.53	0.31
19.10	0.25	33,886	215.52	0.30
19.20	0.25	33,868	215.52	0.30
19.30	0.25	33,851	215.52	0.29
19.40	0.25	33,835	215.52	0.29
19.50	0.24	33,819	215.52	0.29
19.60	0.24	33,803	215.52	0.29
19.70	0.24	33,789	215.52	0.28
19.80	0.24	33,774	215.52	0.28
19.90	0.24	33,761	215.52	0.28
20.00	0.24	33,747	215.52	0.27
20.10	0.24	33,734	215.52	0.27
20.20	0.23	33,722	215.52	0.27
20.30	0.23	33,709	215.51	0.27
20.40	0.23	33,697	215.51	0.26
20.50	0.23	33,685	215.51	0.26
20.60	0.23	33,674	215.51	0.26
20.70	0.23	33,662	215.51	0.26

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.22	33,651	215.51	0.26
20.90	0.22	33,639	215.51	0.26
21.00	0.22	33,626	215.51	0.25
21.10	0.22	33,614	215.51	0.25
21.20	0.22	33,601	215.51	0.25
21.30	0.22	33,588	215.51	0.25
21.40	0.21	33,576	215.51	0.25
21.50	0.21	33,563	215.51	0.25
21.60	0.21	33,549	215.50	0.25
21.70	0.21	33,536	215.50	0.25
21.80	0.21	33,522	215.50	0.25
21.90	0.21	33,509	215.50	0.24
22.00	0.20	33,495	215.50	0.24
22.10	0.20	33,481	215.50	0.24
22.20	0.20	33,467	215.50	0.24
22.30	0.20	33,453	215.50	0.24
22.40	0.20	33,438	215.50	0.24
22.50	0.20	33,422	215.50	0.24
22.60	0.19	33,406	215.50	0.24
22.70	0.19	33,389	215.50	0.24
22.80	0.19	33,372	215.49	0.24
22.90	0.19	33,354	215.49	0.24
23.00	0.19	33,336	215.49	0.24
23.10	0.19	33,317	215.49	0.24
23.20	0.18	33,297	215.49	0.24
23.30	0.18	33,277	215.49	0.24
23.40	0.18	33,256	215.49	0.24
23.50	0.18	33,235	215.49	0.24
23.60	0.18	33,213	215.48	0.24
23.70	0.18	33,191	215.48	0.24
23.80	0.18	33,168	215.48	0.24
23.90	0.17	33,144	215.48	0.24
24.00	0.18	33,121	215.48	0.24
24.10	0.15	33,099	215.48	0.24
24.20	0.04	33,047	215.48	0.24
24.30	0.01	32,970	215.47	0.24
24.40	0.00	32,886	215.47	0.24
24.50	0.00	32,801	215.46	0.24
24.60	0.00	32,715	215.46	0.24
24.70	0.00	32,629	215.45	0.24
24.80	0.00	32,544	215.44	0.24
24.90	0.00	32,459	215.44	0.24
25.00	0.00	32,373	215.43	0.24
25.10	0.00	32,288	215.43	0.24
25.20	0.00	32,203	215.42	0.24
25.30	0.00	32,118	215.42	0.24
25.40	0.00	32,033	215.41	0.24
25.50	0.00	31,948	215.41	0.24
25.60	0.00	31,864	215.40	0.23
25.70	0.00	31,779	215.40	0.23
25.80	0.00	31,695	215.39	0.23
25.90	0.00	31,610	215.39	0.23

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	31,526	215.38	0.23
26.10	0.00	31,442	215.38	0.23
26.20	0.00	31,358	215.37	0.23
26.30	0.00	31,274	215.37	0.23
26.40	0.00	31,190	215.36	0.23
26.50	0.00	31,107	215.36	0.23
26.60	0.00	31,023	215.35	0.23
26.70	0.00	30,940	215.35	0.23
26.80	0.00	30,856	215.34	0.23
26.90	0.00	30,773	215.34	0.23
27.00	0.00	30,690	215.33	0.23
27.10	0.00	30,607	215.33	0.23
27.20	0.00	30,524	215.32	0.23
27.30	0.00	30,441	215.32	0.23
27.40	0.00	30,358	215.31	0.23
27.50	0.00	30,275	215.31	0.23
27.60	0.00	30,193	215.30	0.23
27.70	0.00	30,111	215.30	0.23
27.80	0.00	30,028	215.29	0.23
27.90	0.00	29,946	215.29	0.23
28.00	0.00	29,864	215.28	0.23
28.10	0.00	29,782	215.28	0.23
28.20	0.00	29,700	215.27	0.23
28.30	0.00	29,618	215.27	0.23
28.40	0.00	29,537	215.26	0.23
28.50	0.00	29,455	215.26	0.23
28.60	0.00	29,374	215.25	0.23
28.70	0.00	29,292	215.25	0.23
28.80	0.00	29,211	215.24	0.23
28.90	0.00	29,130	215.24	0.23
29.00	0.00	29,049	215.23	0.22
29.10	0.00	28,968	215.23	0.22
29.20	0.00	28,887	215.22	0.22
29.30	0.00	28,807	215.22	0.22
29.40	0.00	28,726	215.21	0.22
29.50	0.00	28,645	215.21	0.22
29.60	0.00	28,565	215.20	0.22
29.70	0.00	28,485	215.20	0.22
29.80	0.00	28,405	215.19	0.22
29.90	0.00	28,325	215.19	0.22
30.00	0.00	28,245	215.18	0.22
30.10	0.00	28,165	215.18	0.22
30.20	0.00	28,085	215.17	0.22
30.30	0.00	28,006	215.17	0.22
30.40	0.00	27,926	215.16	0.22
30.50	0.00	27,847	215.16	0.22
30.60	0.00	27,767	215.15	0.22
30.70	0.00	27,688	215.15	0.22
30.80	0.00	27,609	215.14	0.22
30.90	0.00	27,530	215.14	0.22
31.00	0.00	27,451	215.13	0.22
31.10	0.00	27,373	215.13	0.22

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	27,294	215.12	0.22
31.30	0.00	27,216	215.12	0.22
31.40	0.00	27,137	215.11	0.22
31.50	0.00	27,059	215.11	0.22
31.60	0.00	26,981	215.10	0.22
31.70	0.00	26,903	215.10	0.22
31.80	0.00	26,825	215.09	0.22
31.90	0.00	26,747	215.09	0.22
32.00	0.00	26,669	215.08	0.22
32.10	0.00	26,592	215.08	0.22
32.20	0.00	26,514	215.07	0.22
32.30	0.00	26,437	215.07	0.21
32.40	0.00	26,360	215.06	0.21
32.50	0.00	26,282	215.06	0.21
32.60	0.00	26,205	215.05	0.21
32.70	0.00	26,128	215.05	0.21
32.80	0.00	26,052	215.04	0.21
32.90	0.00	25,975	215.04	0.21
33.00	0.00	25,898	215.03	0.21
33.10	0.00	25,822	215.03	0.21
33.20	0.00	25,745	215.02	0.21
33.30	0.00	25,669	215.02	0.21
33.40	0.00	25,593	215.01	0.21
33.50	0.00	25,517	215.01	0.21
33.60	0.00	25,441	215.00	0.21
33.70	0.00	25,365	215.00	0.21
33.80	0.00	25,290	214.99	0.21
33.90	0.00	25,214	214.99	0.21
34.00	0.00	25,138	214.98	0.21
34.10	0.00	25,063	214.98	0.21
34.20	0.00	24,988	214.97	0.21
34.30	0.00	24,913	214.97	0.21
34.40	0.00	24,838	214.96	0.21
34.50	0.00	24,763	214.96	0.21
34.60	0.00	24,688	214.95	0.21
34.70	0.00	24,613	214.95	0.21
34.80	0.00	24,539	214.94	0.21
34.90	0.00	24,464	214.94	0.21
35.00	0.00	24,390	214.93	0.21
35.10	0.00	24,316	214.93	0.21
35.20	0.00	24,242	214.92	0.21
35.30	0.00	24,168	214.92	0.21
35.40	0.00	24,094	214.91	0.21
35.50	0.00	24,020	214.91	0.20
35.60	0.00	23,946	214.91	0.20
35.70	0.00	23,873	214.90	0.20
35.80	0.00	23,799	214.90	0.20
35.90	0.00	23,726	214.89	0.20
36.00	0.00	23,653	214.89	0.20
36.10	0.00	23,580	214.88	0.20
36.20	0.00	23,507	214.88	0.20
36.30	0.00	23,434	214.87	0.20

Hydrograph for Pond B-3: Basin #3 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	23,361	214.87	0.20
36.50	0.00	23,289	214.86	0.20
36.60	0.00	23,216	214.86	0.20
36.70	0.00	23,144	214.85	0.20
36.80	0.00	23,072	214.85	0.20
36.90	0.00	23,000	214.84	0.20
37.00	0.00	22,928	214.84	0.20
37.10	0.00	22,856	214.83	0.20
37.20	0.00	22,784	214.83	0.20
37.30	0.00	22,712	214.82	0.20
37.40	0.00	22,641	214.82	0.20
37.50	0.00	22,569	214.81	0.20
37.60	0.00	22,498	214.81	0.20
37.70	0.00	22,427	214.80	0.20
37.80	0.00	22,356	214.80	0.20
37.90	0.00	22,285	214.79	0.20
38.00	0.00	22,214	214.79	0.20
38.10	0.00	22,143	214.78	0.20
38.20	0.00	22,072	214.78	0.20
38.30	0.00	22,002	214.78	0.20
38.40	0.00	21,931	214.77	0.20
38.50	0.00	21,861	214.77	0.20
38.60	0.00	21,791	214.76	0.19
38.70	0.00	21,721	214.76	0.19
38.80	0.00	21,651	214.75	0.19
38.90	0.00	21,581	214.75	0.19
39.00	0.00	21,512	214.74	0.19
39.10	0.00	21,442	214.74	0.19
39.20	0.00	21,373	214.73	0.19
39.30	0.00	21,303	214.73	0.19
39.40	0.00	21,234	214.72	0.19
39.50	0.00	21,165	214.72	0.19
39.60	0.00	21,096	214.71	0.19
39.70	0.00	21,027	214.71	0.19
39.80	0.00	20,959	214.70	0.19
39.90	0.00	20,890	214.70	0.19
40.00	0.00	20,821	214.70	0.19

Stage-Discharge for Pond B-3: Basin #3

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	213.52	0.07	214.04	0.14	214.56	0.18
213.01	0.00	213.53	0.07	214.05	0.14	214.57	0.18
213.02	0.00	213.54	0.07	214.06	0.14	214.58	0.18
213.03	0.00	213.55	0.07	214.07	0.14	214.59	0.18
213.04	0.00	213.56	0.07	214.08	0.14	214.60	0.18
213.05	0.00	213.57	0.08	214.09	0.14	214.61	0.18
213.06	0.00	213.58	0.08	214.10	0.14	214.62	0.18
213.07	0.00	213.59	0.08	214.11	0.14	214.63	0.19
213.08	0.00	213.60	0.08	214.12	0.14	214.64	0.19
213.09	0.00	213.61	0.08	214.13	0.14	214.65	0.19
213.10	0.00	213.62	0.08	214.14	0.15	214.66	0.19
213.11	0.00	213.63	0.09	214.15	0.15	214.67	0.19
213.12	0.00	213.64	0.09	214.16	0.15	214.68	0.19
213.13	0.00	213.65	0.09	214.17	0.15	214.69	0.19
213.14	0.00	213.66	0.09	214.18	0.15	214.70	0.19
213.15	0.00	213.67	0.09	214.19	0.15	214.71	0.19
213.16	0.00	213.68	0.09	214.20	0.15	214.72	0.19
213.17	0.00	213.69	0.10	214.21	0.15	214.73	0.19
213.18	0.00	213.70	0.10	214.22	0.15	214.74	0.19
213.19	0.00	213.71	0.10	214.23	0.15	214.75	0.19
213.20	0.00	213.72	0.10	214.24	0.15	214.76	0.19
213.21	0.00	213.73	0.10	214.25	0.16	214.77	0.20
213.22	0.00	213.74	0.10	214.26	0.16	214.78	0.20
213.23	0.00	213.75	0.10	214.27	0.16	214.79	0.20
213.24	0.00	213.76	0.10	214.28	0.16	214.80	0.20
213.25	0.00	213.77	0.11	214.29	0.16	214.81	0.20
213.26	0.00	213.78	0.11	214.30	0.16	214.82	0.20
213.27	0.00	213.79	0.11	214.31	0.16	214.83	0.20
213.28	0.00	213.80	0.11	214.32	0.16	214.84	0.20
213.29	0.00	213.81	0.11	214.33	0.16	214.85	0.20
213.30	0.00	213.82	0.11	214.34	0.16	214.86	0.20
213.31	0.01	213.83	0.11	214.35	0.16	214.87	0.20
213.32	0.01	213.84	0.11	214.36	0.16	214.88	0.20
213.33	0.01	213.85	0.12	214.37	0.17	214.89	0.20
213.34	0.01	213.86	0.12	214.38	0.17	214.90	0.20
213.35	0.02	213.87	0.12	214.39	0.17	214.91	0.20
213.36	0.02	213.88	0.12	214.40	0.17	214.92	0.21
213.37	0.02	213.89	0.12	214.41	0.17	214.93	0.21
213.38	0.03	213.90	0.12	214.42	0.17	214.94	0.21
213.39	0.03	213.91	0.12	214.43	0.17	214.95	0.21
213.40	0.03	213.92	0.12	214.44	0.17	214.96	0.21
213.41	0.04	213.93	0.12	214.45	0.17	214.97	0.21
213.42	0.04	213.94	0.13	214.46	0.17	214.98	0.21
213.43	0.05	213.95	0.13	214.47	0.17	214.99	0.21
213.44	0.05	213.96	0.13	214.48	0.17	215.00	0.21
213.45	0.05	213.97	0.13	214.49	0.17	215.01	0.21
213.46	0.05	213.98	0.13	214.50	0.18	215.02	0.21
213.47	0.06	213.99	0.13	214.51	0.18	215.03	0.21
213.48	0.06	214.00	0.13	214.52	0.18	215.04	0.21
213.49	0.06	214.01	0.13	214.53	0.18	215.05	0.21
213.50	0.06	214.02	0.13	214.54	0.18	215.06	0.21
213.51	0.06	214.03	0.13	214.55	0.18	215.07	0.22

Stage-Discharge for Pond B-3: Basin #3 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
215.08	0.22	215.60	0.66	216.12	6.46	216.64	15.31
215.09	0.22	215.61	0.72	216.13	6.61	216.65	15.50
215.10	0.22	215.62	0.79	216.14	6.76	216.66	15.69
215.11	0.22	215.63	0.86	216.15	6.91	216.67	15.88
215.12	0.22	215.64	0.93	216.16	7.06	216.68	16.08
215.13	0.22	215.65	1.00	216.17	7.21	216.69	16.23
215.14	0.22	215.66	1.08	216.18	7.36	216.70	16.26
215.15	0.22	215.67	1.16	216.19	7.51	216.71	16.40
215.16	0.22	215.68	1.24	216.20	7.67	216.72	16.63
215.17	0.22	215.69	1.32	216.21	7.82	216.73	16.93
215.18	0.22	215.70	1.41	216.22	7.98	216.74	17.28
215.19	0.22	215.71	1.50	216.23	8.14	216.75	17.68
215.20	0.22	215.72	1.59	216.24	8.30		
215.21	0.22	215.73	1.68	216.25	8.46		
215.22	0.22	215.74	1.77	216.26	8.62		
215.23	0.22	215.75	1.87	216.27	8.78		
215.24	0.23	215.76	1.97	216.28	8.94		
215.25	0.23	215.77	2.07	216.29	9.10		
215.26	0.23	215.78	2.17	216.30	9.27		
215.27	0.23	215.79	2.27	216.31	9.43		
215.28	0.23	215.80	2.37	216.32	9.60		
215.29	0.23	215.81	2.48	216.33	9.76		
215.30	0.23	215.82	2.59	216.34	9.93		
215.31	0.23	215.83	2.70	216.35	10.10		
215.32	0.23	215.84	2.81	216.36	10.27		
215.33	0.23	215.85	2.92	216.37	10.44		
215.34	0.23	215.86	3.03	216.38	10.61		
215.35	0.23	215.87	3.15	216.39	10.78		
215.36	0.23	215.88	3.27	216.40	10.95		
215.37	0.23	215.89	3.38	216.41	11.12		
215.38	0.23	215.90	3.50	216.42	11.30		
215.39	0.23	215.91	3.63	216.43	11.47		
215.40	0.23	215.92	3.75	216.44	11.65		
215.41	0.24	215.93	3.87	216.45	11.82		
215.42	0.24	215.94	4.00	216.46	12.00		
215.43	0.24	215.95	4.12	216.47	12.18		
215.44	0.24	215.96	4.25	216.48	12.36		
215.45	0.24	215.97	4.38	216.49	12.54		
215.46	0.24	215.98	4.51	216.50	12.72		
215.47	0.24	215.99	4.64	216.51	12.90		
215.48	0.24	216.00	4.78	216.52	13.08		
215.49	0.24	216.01	4.91	216.53	13.26		
215.50	0.24	216.02	5.05	216.54	13.44		
215.51	0.25	216.03	5.18	216.55	13.63		
215.52	0.28	216.04	5.32	216.56	13.81		
215.53	0.31	216.05	5.46	216.57	14.00		
215.54	0.35	216.06	5.60	216.58	14.18		
215.55	0.39	216.07	5.74	216.59	14.37		
215.56	0.44	216.08	5.88	216.60	14.56		
215.57	0.49	216.09	6.02	216.61	14.74		
215.58	0.54	216.10	6.17	216.62	14.93		
215.59	0.60	216.11	6.31	216.63	15.12		

Stage-Area-Storage for Pond B-3: Basin #3

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
213.00	9,992	0	213.52	11,392	5,560
213.01	10,019	100	213.53	11,419	5,674
213.02	10,046	200	213.54	11,446	5,788
213.03	10,073	301	213.55	11,473	5,903
213.04	10,100	402	213.56	11,500	6,018
213.05	10,127	503	213.57	11,527	6,133
213.06	10,154	604	213.58	11,554	6,248
213.07	10,181	706	213.59	11,581	6,364
213.08	10,207	808	213.60	11,608	6,480
213.09	10,234	910	213.61	11,635	6,596
213.10	10,261	1,013	213.62	11,662	6,713
213.11	10,288	1,115	213.63	11,689	6,829
213.12	10,315	1,218	213.64	11,716	6,946
213.13	10,342	1,322	213.65	11,742	7,064
213.14	10,369	1,425	213.66	11,769	7,181
213.15	10,396	1,529	213.67	11,796	7,299
213.16	10,423	1,633	213.68	11,823	7,417
213.17	10,450	1,738	213.69	11,850	7,536
213.18	10,477	1,842	213.70	11,877	7,654
213.19	10,504	1,947	213.71	11,904	7,773
213.20	10,531	2,052	213.72	11,931	7,892
213.21	10,558	2,158	213.73	11,958	8,012
213.22	10,584	2,263	213.74	11,985	8,131
213.23	10,611	2,369	213.75	12,012	8,251
213.24	10,638	2,476	213.76	12,039	8,372
213.25	10,665	2,582	213.77	12,066	8,492
213.26	10,692	2,689	213.78	12,093	8,613
213.27	10,719	2,796	213.79	12,119	8,734
213.28	10,746	2,903	213.80	12,146	8,855
213.29	10,773	3,011	213.81	12,173	8,977
213.30	10,800	3,119	213.82	12,200	9,099
213.31	10,827	3,227	213.83	12,227	9,221
213.32	10,854	3,335	213.84	12,254	9,343
213.33	10,881	3,444	213.85	12,281	9,466
213.34	10,908	3,553	213.86	12,308	9,589
213.35	10,935	3,662	213.87	12,335	9,712
213.36	10,961	3,772	213.88	12,362	9,836
213.37	10,988	3,881	213.89	12,389	9,959
213.38	11,015	3,991	213.90	12,416	10,083
213.39	11,042	4,102	213.91	12,443	10,208
213.40	11,069	4,212	213.92	12,470	10,332
213.41	11,096	4,323	213.93	12,496	10,457
213.42	11,123	4,434	213.94	12,523	10,582
213.43	11,150	4,546	213.95	12,550	10,708
213.44	11,177	4,657	213.96	12,577	10,833
213.45	11,204	4,769	213.97	12,604	10,959
213.46	11,231	4,881	213.98	12,631	11,085
213.47	11,258	4,994	213.99	12,658	11,212
213.48	11,285	5,106	214.00	12,685	11,339
213.49	11,312	5,219	214.01	12,712	11,465
213.50	11,339	5,333	214.02	12,740	11,593
213.51	11,365	5,446	214.03	12,768	11,720

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
214.04	12,795	11,848	214.56	14,225	18,873
214.05	12,823	11,976	214.57	14,252	19,016
214.06	12,850	12,105	214.58	14,280	19,158
214.07	12,877	12,233	214.59	14,308	19,301
214.08	12,905	12,362	214.60	14,335	19,444
214.09	12,933	12,491	214.61	14,363	19,588
214.10	12,960	12,621	214.62	14,390	19,732
214.11	12,988	12,750	214.63	14,417	19,876
214.12	13,015	12,881	214.64	14,445	20,020
214.13	13,042	13,011	214.65	14,473	20,165
214.14	13,070	13,141	214.66	14,500	20,310
214.15	13,098	13,272	214.67	14,527	20,455
214.16	13,125	13,403	214.68	14,555	20,600
214.17	13,152	13,535	214.69	14,582	20,746
214.18	13,180	13,666	214.70	14,610	20,892
214.19	13,207	13,798	214.71	14,638	21,038
214.20	13,235	13,930	214.72	14,665	21,184
214.21	13,263	14,063	214.73	14,692	21,331
214.22	13,290	14,196	214.74	14,720	21,478
214.23	13,317	14,329	214.75	14,748	21,626
214.24	13,345	14,462	214.76	14,775	21,773
214.25	13,373	14,596	214.77	14,803	21,921
214.26	13,400	14,730	214.78	14,830	22,069
214.27	13,428	14,864	214.79	14,857	22,218
214.28	13,455	14,998	214.80	14,885	22,367
214.29	13,482	15,133	214.81	14,913	22,515
214.30	13,510	15,268	214.82	14,940	22,665
214.31	13,538	15,403	214.83	14,968	22,814
214.32	13,565	15,538	214.84	14,995	22,964
214.33	13,593	15,674	214.85	15,022	23,114
214.34	13,620	15,810	214.86	15,050	23,265
214.35	13,647	15,947	214.87	15,078	23,415
214.36	13,675	16,083	214.88	15,105	23,566
214.37	13,703	16,220	214.89	15,132	23,717
214.38	13,730	16,357	214.90	15,160	23,869
214.39	13,757	16,495	214.91	15,187	24,020
214.40	13,785	16,633	214.92	15,215	24,172
214.41	13,812	16,770	214.93	15,243	24,325
214.42	13,840	16,909	214.94	15,270	24,477
214.43	13,868	17,047	214.95	15,297	24,630
214.44	13,895	17,186	214.96	15,325	24,783
214.45	13,922	17,325	214.97	15,352	24,937
214.46	13,950	17,465	214.98	15,380	25,090
214.47	13,977	17,604	214.99	15,408	25,244
214.48	14,005	17,744	215.00	15,435	25,399
214.49	14,033	17,884	215.01	15,463	25,553
214.50	14,060	18,025	215.02	15,491	25,708
214.51	14,087	18,165	215.03	15,519	25,863
214.52	14,115	18,307	215.04	15,547	26,018
214.53	14,143	18,448	215.05	15,575	26,174
214.54	14,170	18,589	215.06	15,603	26,330
214.55	14,198	18,731	215.07	15,631	26,486

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
215.08	15,659	26,642	215.60	17,119	35,165
215.09	15,688	26,799	215.61	17,147	35,336
215.10	15,716	26,956	215.62	17,175	35,508
215.11	15,744	27,113	215.63	17,203	35,679
215.12	15,772	27,271	215.64	17,231	35,852
215.13	15,800	27,429	215.65	17,259	36,024
215.14	15,828	27,587	215.66	17,287	36,197
215.15	15,856	27,745	215.67	17,315	36,370
215.16	15,884	27,904	215.68	17,343	36,543
215.17	15,912	28,063	215.69	17,371	36,717
215.18	15,940	28,222	215.70	17,399	36,890
215.19	15,968	28,382	215.71	17,427	37,065
215.20	15,996	28,542	215.72	17,455	37,239
215.21	16,024	28,702	215.73	17,483	37,414
215.22	16,052	28,862	215.74	17,511	37,589
215.23	16,080	29,023	215.75	17,540	37,764
215.24	16,108	29,184	215.76	17,568	37,939
215.25	16,137	29,345	215.77	17,596	38,115
215.26	16,165	29,506	215.78	17,624	38,291
215.27	16,193	29,668	215.79	17,652	38,468
215.28	16,221	29,830	215.80	17,680	38,644
215.29	16,249	29,993	215.81	17,708	38,821
215.30	16,277	30,155	215.82	17,736	38,999
215.31	16,305	30,318	215.83	17,764	39,176
215.32	16,333	30,481	215.84	17,792	39,354
215.33	16,361	30,645	215.85	17,820	39,532
215.34	16,389	30,809	215.86	17,848	39,710
215.35	16,417	30,973	215.87	17,876	39,889
215.36	16,445	31,137	215.88	17,904	40,068
215.37	16,473	31,302	215.89	17,932	40,247
215.38	16,501	31,466	215.90	17,960	40,426
215.39	16,529	31,632	215.91	17,988	40,606
215.40	16,557	31,797	215.92	18,017	40,786
215.41	16,585	31,963	215.93	18,045	40,967
215.42	16,614	32,129	215.94	18,073	41,147
215.43	16,642	32,295	215.95	18,101	41,328
215.44	16,670	32,462	215.96	18,129	41,509
215.45	16,698	32,628	215.97	18,157	41,691
215.46	16,726	32,795	215.98	18,185	41,872
215.47	16,754	32,963	215.99	18,213	42,054
215.48	16,782	33,131	216.00	18,241	42,237
215.49	16,810	33,299	216.01	18,279	42,419
215.50	16,838	33,467	216.02	18,317	42,602
215.51	16,866	33,635	216.03	18,356	42,785
215.52	16,894	33,804	216.04	18,394	42,969
215.53	16,922	33,973	216.05	18,432	43,153
215.54	16,950	34,143	216.06	18,470	43,338
215.55	16,978	34,312	216.07	18,508	43,523
215.56	17,006	34,482	216.08	18,546	43,708
215.57	17,034	34,652	216.09	18,585	43,894
215.58	17,062	34,823	216.10	18,623	44,080
215.59	17,091	34,994	216.11	18,661	44,266

Stage-Area-Storage for Pond B-3: Basin #3 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
216.12	18,699	44,453	216.64	20,684	54,693
216.13	18,737	44,640	216.65	20,722	54,900
216.14	18,775	44,828	216.66	20,760	55,107
216.15	18,814	45,016	216.67	20,799	55,315
216.16	18,852	45,204	216.68	20,837	55,523
216.17	18,890	45,393	216.69	20,875	55,732
216.18	18,928	45,582	216.70	20,913	55,940
216.19	18,966	45,771	216.71	20,951	56,150
216.20	19,004	45,961	216.72	20,989	56,359
216.21	19,043	46,151	216.73	21,028	56,570
216.22	19,081	46,342	216.74	21,066	56,780
216.23	19,119	46,533	216.75	21,104	56,991
216.24	19,157	46,724			
216.25	19,195	46,916			
216.26	19,234	47,108			
216.27	19,272	47,301			
216.28	19,310	47,494			
216.29	19,348	47,687			
216.30	19,386	47,881			
216.31	19,424	48,075			
216.32	19,463	48,269			
216.33	19,501	48,464			
216.34	19,539	48,659			
216.35	19,577	48,855			
216.36	19,615	49,051			
216.37	19,653	49,247			
216.38	19,692	49,444			
216.39	19,730	49,641			
216.40	19,768	49,838			
216.41	19,806	50,036			
216.42	19,844	50,234			
216.43	19,882	50,433			
216.44	19,921	50,632			
216.45	19,959	50,831			
216.46	19,997	51,031			
216.47	20,035	51,231			
216.48	20,073	51,432			
216.49	20,111	51,633			
216.50	20,150	51,834			
216.51	20,188	52,036			
216.52	20,226	52,238			
216.53	20,264	52,440			
216.54	20,302	52,643			
216.55	20,341	52,846			
216.56	20,379	53,050			
216.57	20,417	53,254			
216.58	20,455	53,458			
216.59	20,493	53,663			
216.60	20,531	53,868			
216.61	20,570	54,074			
216.62	20,608	54,280			
216.63	20,646	54,486			

Summary for Pond B-4A: Basin #4A

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 8.85" for Future 100 yr event
 Inflow = 20.96 cfs @ 12.17 hrs, Volume= 1.720 af
 Outflow = 22.22 cfs @ 12.16 hrs, Volume= 1.436 af, Atten= 0%, Lag= 0.0 min
 Primary = 22.22 cfs @ 12.16 hrs, Volume= 1.436 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.91' @ 12.16 hrs Surf.Area= 6,057 sf Storage= 13,855 cf

Plug-Flow detention time= 126.6 min calculated for 1.436 af (84% of inflow)
 Center-of-Mass det. time= 54.1 min (833.4 - 779.4)

Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	13,855 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	3,912	0	0
204.00	4,724	4,318	4,318
205.00	5,604	5,164	9,482
205.75	6,057	4,373	13,855

Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 37.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0541 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.85'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

Primary OutFlow Max=21.50 cfs @ 12.16 hrs HW=205.89' (Free Discharge)
 1=Broad-Crested Rectangular Weir (Passes 21.50 cfs of 30.90 cfs potential flow)
 2=Culvert (Inlet Controls 3.98 cfs @ 2.25 fps)
 3=Orifice/Grate (Orifice Controls 9.02 cfs @ 3.01 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 8.50 cfs @ 2.50 fps)

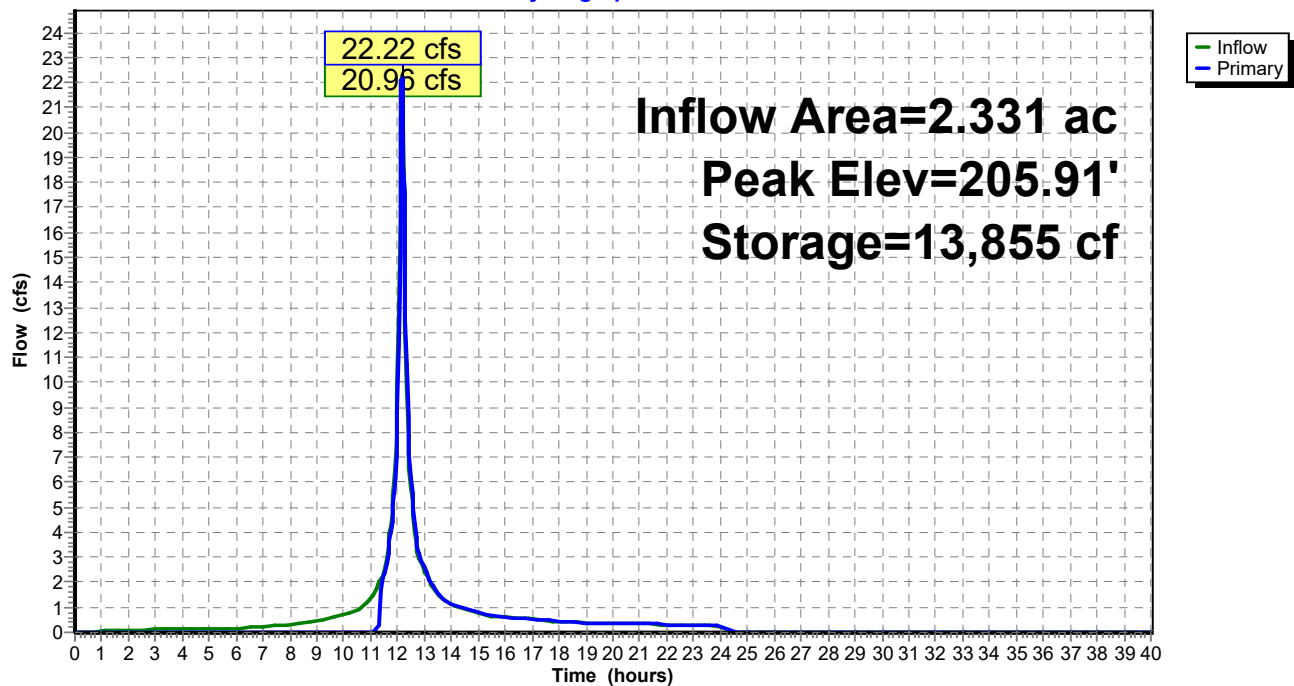
Pond B-4A: Basin #4A
 Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir

Orifice/Grate

Culvert

Pond B-4A: Basin #4A

Hydrograph



Hydrograph for Pond B-4A: Basin #4A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	1	203.00	0.00
0.60	0.01	3	203.00	0.00
0.70	0.02	9	203.00	0.00
0.80	0.03	18	203.00	0.00
0.90	0.04	30	203.01	0.00
1.00	0.04	44	203.01	0.00
1.10	0.05	61	203.02	0.00
1.20	0.05	79	203.02	0.00
1.30	0.06	100	203.03	0.00
1.40	0.06	122	203.03	0.00
1.50	0.07	145	203.04	0.00
1.60	0.07	170	203.04	0.00
1.70	0.07	196	203.05	0.00
1.80	0.08	224	203.06	0.00
1.90	0.08	252	203.06	0.00
2.00	0.08	282	203.07	0.00
2.10	0.09	313	203.08	0.00
2.20	0.09	344	203.09	0.00
2.30	0.09	377	203.10	0.00
2.40	0.09	410	203.10	0.00
2.50	0.10	445	203.11	0.00
2.60	0.10	480	203.12	0.00
2.70	0.10	515	203.13	0.00
2.80	0.10	552	203.14	0.00
2.90	0.10	589	203.15	0.00
3.00	0.11	627	203.16	0.00
3.10	0.11	666	203.17	0.00
3.20	0.11	705	203.18	0.00
3.30	0.11	744	203.19	0.00
3.40	0.11	785	203.20	0.00
3.50	0.11	826	203.21	0.00
3.60	0.12	867	203.22	0.00
3.70	0.12	909	203.23	0.00
3.80	0.12	952	203.24	0.00
3.90	0.12	995	203.25	0.00
4.00	0.12	1,039	203.26	0.00
4.10	0.12	1,083	203.27	0.00
4.20	0.12	1,128	203.28	0.00
4.30	0.13	1,173	203.29	0.00
4.40	0.13	1,218	203.30	0.00
4.50	0.13	1,265	203.31	0.00
4.60	0.13	1,311	203.32	0.00
4.70	0.13	1,358	203.34	0.00
4.80	0.13	1,406	203.35	0.00
4.90	0.13	1,454	203.36	0.00
5.00	0.14	1,502	203.37	0.00
5.10	0.14	1,551	203.38	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,601	203.39	0.00
5.30	0.14	1,651	203.41	0.00
5.40	0.15	1,703	203.42	0.00
5.50	0.15	1,756	203.43	0.00
5.60	0.15	1,810	203.44	0.00
5.70	0.16	1,866	203.46	0.00
5.80	0.16	1,923	203.47	0.00
5.90	0.16	1,981	203.48	0.00
6.00	0.17	2,041	203.50	0.00
6.10	0.17	2,102	203.51	0.00
6.20	0.18	2,165	203.52	0.00
6.30	0.18	2,230	203.54	0.00
6.40	0.19	2,298	203.56	0.00
6.50	0.20	2,368	203.57	0.00
6.60	0.21	2,441	203.59	0.00
6.70	0.21	2,517	203.61	0.00
6.80	0.22	2,595	203.62	0.00
6.90	0.23	2,676	203.64	0.00
7.00	0.24	2,760	203.66	0.00
7.10	0.25	2,847	203.68	0.00
7.20	0.25	2,937	203.70	0.00
7.30	0.26	3,029	203.72	0.00
7.40	0.27	3,125	203.74	0.00
7.50	0.28	3,224	203.76	0.00
7.60	0.29	3,326	203.79	0.00
7.70	0.30	3,431	203.81	0.00
7.80	0.31	3,539	203.83	0.00
7.90	0.31	3,651	203.86	0.00
8.00	0.32	3,766	203.88	0.00
8.10	0.33	3,884	203.91	0.00
8.20	0.34	4,005	203.93	0.00
8.30	0.35	4,130	203.96	0.00
8.40	0.36	4,259	203.99	0.00
8.50	0.37	4,391	204.02	0.00
8.60	0.38	4,526	204.04	0.00
8.70	0.39	4,665	204.07	0.00
8.80	0.40	4,808	204.10	0.00
8.90	0.41	4,954	204.13	0.00
9.00	0.42	5,103	204.16	0.00
9.10	0.44	5,258	204.20	0.00
9.20	0.46	5,419	204.23	0.00
9.30	0.49	5,589	204.26	0.00
9.40	0.52	5,769	204.30	0.00
9.50	0.54	5,960	204.34	0.00
9.60	0.58	6,162	204.38	0.00
9.70	0.61	6,374	204.42	0.00
9.80	0.64	6,598	204.46	0.00
9.90	0.67	6,833	204.51	0.00
10.00	0.70	7,080	204.56	0.00
10.10	0.73	7,338	204.61	0.00
10.20	0.77	7,608	204.66	0.00
10.30	0.80	7,891	204.71	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.84	8,186	204.76	0.00
10.50	0.87	8,493	204.82	0.00
10.60	0.93	8,815	204.88	0.00
10.70	1.02	9,165	204.94	0.00
10.80	1.14	9,553	205.01	0.00
10.90	1.25	9,983	205.09	0.00
11.00	1.38	10,457	205.17	0.00
11.10	1.52	10,977	205.26	0.00
11.20	1.73	11,562	205.36	0.00
11.30	1.96	12,225	205.48	0.00
11.40	2.19	12,711	205.56	1.70
11.50	2.43	12,791	205.57	2.34
11.60	2.95	12,839	205.58	2.72
11.70	3.90	12,941	205.60	3.63
11.80	4.74	13,029	205.61	4.45
11.90	6.43	13,169	205.64	5.92
12.00	9.81	13,417	205.68	8.84
12.10	16.70	13,855	205.75	15.23
12.20	20.22	13,855	205.81	18.75
12.30	12.23	13,692	205.72	12.56
12.40	7.85	13,398	205.67	8.59
12.50	5.76	13,190	205.64	6.15
12.60	4.66	13,078	205.62	4.97
12.70	3.52	12,961	205.60	3.82
12.80	3.03	12,890	205.59	3.16
12.90	2.73	12,853	205.58	2.82
13.00	2.46	12,818	205.58	2.55
13.10	2.20	12,785	205.57	2.29
13.20	1.97	12,754	205.57	2.05
13.30	1.81	12,731	205.56	1.86
13.40	1.66	12,712	205.56	1.71
13.50	1.52	12,693	205.56	1.58
13.60	1.38	12,672	205.55	1.44
13.70	1.27	12,651	205.55	1.32
13.80	1.21	12,638	205.55	1.23
13.90	1.17	12,630	205.55	1.18
14.00	1.13	12,624	205.54	1.15
14.10	1.09	12,618	205.54	1.11
14.20	1.06	12,612	205.54	1.07
14.30	1.02	12,606	205.54	1.04
14.40	0.98	12,600	205.54	1.00
14.50	0.95	12,594	205.54	0.96
14.60	0.91	12,588	205.54	0.93
14.70	0.87	12,583	205.54	0.89
14.80	0.84	12,577	205.54	0.85
14.90	0.80	12,571	205.54	0.82
15.00	0.76	12,565	205.53	0.78
15.10	0.73	12,559	205.53	0.74
15.20	0.70	12,553	205.53	0.71
15.30	0.68	12,550	205.53	0.69
15.40	0.67	12,548	205.53	0.68
15.50	0.66	12,546	205.53	0.67

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.65	12,545	205.53	0.66
15.70	0.64	12,543	205.53	0.65
15.80	0.63	12,541	205.53	0.64
15.90	0.62	12,540	205.53	0.63
16.00	0.61	12,538	205.53	0.62
16.10	0.60	12,537	205.53	0.61
16.20	0.59	12,535	205.53	0.60
16.30	0.58	12,532	205.53	0.59
16.40	0.57	12,529	205.53	0.58
16.50	0.56	12,527	205.53	0.57
16.60	0.55	12,524	205.53	0.56
16.70	0.55	12,522	205.53	0.55
16.80	0.54	12,519	205.53	0.54
16.90	0.53	12,516	205.53	0.53
17.00	0.52	12,514	205.53	0.52
17.10	0.51	12,511	205.53	0.51
17.20	0.50	12,508	205.53	0.50
17.30	0.49	12,506	205.52	0.49
17.40	0.48	12,503	205.52	0.48
17.50	0.47	12,500	205.52	0.47
17.60	0.46	12,498	205.52	0.46
17.70	0.45	12,495	205.52	0.46
17.80	0.44	12,492	205.52	0.45
17.90	0.43	12,490	205.52	0.44
18.00	0.42	12,487	205.52	0.43
18.10	0.41	12,484	205.52	0.42
18.20	0.40	12,482	205.52	0.41
18.30	0.40	12,480	205.52	0.40
18.40	0.39	12,479	205.52	0.40
18.50	0.39	12,478	205.52	0.39
18.60	0.39	12,477	205.52	0.39
18.70	0.39	12,477	205.52	0.39
18.80	0.38	12,476	205.52	0.39
18.90	0.38	12,475	205.52	0.38
19.00	0.38	12,475	205.52	0.38
19.10	0.38	12,474	205.52	0.38
19.20	0.37	12,473	205.52	0.38
19.30	0.37	12,473	205.52	0.37
19.40	0.37	12,472	205.52	0.37
19.50	0.37	12,471	205.52	0.37
19.60	0.36	12,471	205.52	0.37
19.70	0.36	12,470	205.52	0.36
19.80	0.36	12,469	205.52	0.36
19.90	0.36	12,469	205.52	0.36
20.00	0.36	12,468	205.52	0.36
20.10	0.35	12,467	205.52	0.35
20.20	0.35	12,467	205.52	0.35
20.30	0.35	12,466	205.52	0.35
20.40	0.34	12,465	205.52	0.35
20.50	0.34	12,465	205.52	0.34
20.60	0.34	12,464	205.52	0.34
20.70	0.34	12,463	205.52	0.34

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	12,463	205.52	0.34
20.90	0.33	12,462	205.52	0.33
21.00	0.33	12,461	205.52	0.33
21.10	0.33	12,461	205.52	0.33
21.20	0.33	12,460	205.52	0.33
21.30	0.32	12,459	205.52	0.32
21.40	0.32	12,459	205.52	0.32
21.50	0.32	12,458	205.52	0.32
21.60	0.32	12,457	205.52	0.32
21.70	0.31	12,457	205.52	0.32
21.80	0.31	12,456	205.52	0.31
21.90	0.31	12,455	205.52	0.31
22.00	0.31	12,455	205.52	0.31
22.10	0.30	12,454	205.52	0.31
22.20	0.30	12,453	205.52	0.30
22.30	0.30	12,453	205.52	0.30
22.40	0.30	12,452	205.52	0.30
22.50	0.29	12,451	205.52	0.30
22.60	0.29	12,451	205.52	0.29
22.70	0.29	12,450	205.52	0.29
22.80	0.29	12,449	205.52	0.29
22.90	0.28	12,449	205.52	0.29
23.00	0.28	12,448	205.51	0.28
23.10	0.28	12,447	205.51	0.28
23.20	0.28	12,447	205.51	0.28
23.30	0.27	12,446	205.51	0.28
23.40	0.27	12,445	205.51	0.27
23.50	0.27	12,445	205.51	0.27
23.60	0.27	12,444	205.51	0.27
23.70	0.26	12,443	205.51	0.27
23.80	0.26	12,443	205.51	0.26
23.90	0.26	12,442	205.51	0.26
24.00	0.27	12,442	205.51	0.26
24.10	0.23	12,442	205.51	0.26
24.20	0.07	12,415	205.51	0.16
24.30	0.01	12,388	205.50	0.07
24.40	0.00	12,376	205.50	0.02
24.50	0.00	12,371	205.50	0.01
24.60	0.00	12,368	205.50	0.01
24.70	0.00	12,365	205.50	0.01
24.80	0.00	12,364	205.50	0.00
24.90	0.00	12,362	205.50	0.00
25.00	0.00	12,361	205.50	0.00
25.10	0.00	12,361	205.50	0.00
25.20	0.00	12,360	205.50	0.00
25.30	0.00	12,360	205.50	0.00
25.40	0.00	12,360	205.50	0.00
25.50	0.00	12,360	205.50	0.00
25.60	0.00	12,360	205.50	0.00
25.70	0.00	12,360	205.50	0.00
25.80	0.00	12,360	205.50	0.00
25.90	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,360	205.50	0.00
26.10	0.00	12,360	205.50	0.00
26.20	0.00	12,360	205.50	0.00
26.30	0.00	12,360	205.50	0.00
26.40	0.00	12,360	205.50	0.00
26.50	0.00	12,360	205.50	0.00
26.60	0.00	12,360	205.50	0.00
26.70	0.00	12,360	205.50	0.00
26.80	0.00	12,360	205.50	0.00
26.90	0.00	12,360	205.50	0.00
27.00	0.00	12,360	205.50	0.00
27.10	0.00	12,360	205.50	0.00
27.20	0.00	12,360	205.50	0.00
27.30	0.00	12,360	205.50	0.00
27.40	0.00	12,360	205.50	0.00
27.50	0.00	12,360	205.50	0.00
27.60	0.00	12,360	205.50	0.00
27.70	0.00	12,360	205.50	0.00
27.80	0.00	12,360	205.50	0.00
27.90	0.00	12,360	205.50	0.00
28.00	0.00	12,360	205.50	0.00
28.10	0.00	12,360	205.50	0.00
28.20	0.00	12,360	205.50	0.00
28.30	0.00	12,360	205.50	0.00
28.40	0.00	12,360	205.50	0.00
28.50	0.00	12,360	205.50	0.00
28.60	0.00	12,360	205.50	0.00
28.70	0.00	12,360	205.50	0.00
28.80	0.00	12,360	205.50	0.00
28.90	0.00	12,360	205.50	0.00
29.00	0.00	12,360	205.50	0.00
29.10	0.00	12,360	205.50	0.00
29.20	0.00	12,360	205.50	0.00
29.30	0.00	12,360	205.50	0.00
29.40	0.00	12,360	205.50	0.00
29.50	0.00	12,360	205.50	0.00
29.60	0.00	12,360	205.50	0.00
29.70	0.00	12,360	205.50	0.00
29.80	0.00	12,360	205.50	0.00
29.90	0.00	12,360	205.50	0.00
30.00	0.00	12,360	205.50	0.00
30.10	0.00	12,360	205.50	0.00
30.20	0.00	12,360	205.50	0.00
30.30	0.00	12,360	205.50	0.00
30.40	0.00	12,360	205.50	0.00
30.50	0.00	12,360	205.50	0.00
30.60	0.00	12,360	205.50	0.00
30.70	0.00	12,360	205.50	0.00
30.80	0.00	12,360	205.50	0.00
30.90	0.00	12,360	205.50	0.00
31.00	0.00	12,360	205.50	0.00
31.10	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,360	205.50	0.00
31.30	0.00	12,360	205.50	0.00
31.40	0.00	12,360	205.50	0.00
31.50	0.00	12,360	205.50	0.00
31.60	0.00	12,360	205.50	0.00
31.70	0.00	12,360	205.50	0.00
31.80	0.00	12,360	205.50	0.00
31.90	0.00	12,360	205.50	0.00
32.00	0.00	12,360	205.50	0.00
32.10	0.00	12,360	205.50	0.00
32.20	0.00	12,360	205.50	0.00
32.30	0.00	12,360	205.50	0.00
32.40	0.00	12,360	205.50	0.00
32.50	0.00	12,360	205.50	0.00
32.60	0.00	12,360	205.50	0.00
32.70	0.00	12,360	205.50	0.00
32.80	0.00	12,360	205.50	0.00
32.90	0.00	12,360	205.50	0.00
33.00	0.00	12,360	205.50	0.00
33.10	0.00	12,360	205.50	0.00
33.20	0.00	12,360	205.50	0.00
33.30	0.00	12,360	205.50	0.00
33.40	0.00	12,360	205.50	0.00
33.50	0.00	12,360	205.50	0.00
33.60	0.00	12,360	205.50	0.00
33.70	0.00	12,360	205.50	0.00
33.80	0.00	12,360	205.50	0.00
33.90	0.00	12,360	205.50	0.00
34.00	0.00	12,360	205.50	0.00
34.10	0.00	12,360	205.50	0.00
34.20	0.00	12,360	205.50	0.00
34.30	0.00	12,360	205.50	0.00
34.40	0.00	12,360	205.50	0.00
34.50	0.00	12,360	205.50	0.00
34.60	0.00	12,360	205.50	0.00
34.70	0.00	12,360	205.50	0.00
34.80	0.00	12,360	205.50	0.00
34.90	0.00	12,360	205.50	0.00
35.00	0.00	12,360	205.50	0.00
35.10	0.00	12,360	205.50	0.00
35.20	0.00	12,360	205.50	0.00
35.30	0.00	12,360	205.50	0.00
35.40	0.00	12,360	205.50	0.00
35.50	0.00	12,360	205.50	0.00
35.60	0.00	12,360	205.50	0.00
35.70	0.00	12,360	205.50	0.00
35.80	0.00	12,360	205.50	0.00
35.90	0.00	12,360	205.50	0.00
36.00	0.00	12,360	205.50	0.00
36.10	0.00	12,360	205.50	0.00
36.20	0.00	12,360	205.50	0.00
36.30	0.00	12,360	205.50	0.00

Hydrograph for Pond B-4A: Basin #4A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	12,360	205.50	0.00
36.50	0.00	12,360	205.50	0.00
36.60	0.00	12,360	205.50	0.00
36.70	0.00	12,360	205.50	0.00
36.80	0.00	12,360	205.50	0.00
36.90	0.00	12,360	205.50	0.00
37.00	0.00	12,360	205.50	0.00
37.10	0.00	12,360	205.50	0.00
37.20	0.00	12,360	205.50	0.00
37.30	0.00	12,360	205.50	0.00
37.40	0.00	12,360	205.50	0.00
37.50	0.00	12,360	205.50	0.00
37.60	0.00	12,360	205.50	0.00
37.70	0.00	12,360	205.50	0.00
37.80	0.00	12,360	205.50	0.00
37.90	0.00	12,360	205.50	0.00
38.00	0.00	12,360	205.50	0.00
38.10	0.00	12,360	205.50	0.00
38.20	0.00	12,360	205.50	0.00
38.30	0.00	12,360	205.50	0.00
38.40	0.00	12,360	205.50	0.00
38.50	0.00	12,360	205.50	0.00
38.60	0.00	12,360	205.50	0.00
38.70	0.00	12,360	205.50	0.00
38.80	0.00	12,360	205.50	0.00
38.90	0.00	12,360	205.50	0.00
39.00	0.00	12,360	205.50	0.00
39.10	0.00	12,360	205.50	0.00
39.20	0.00	12,360	205.50	0.00
39.30	0.00	12,360	205.50	0.00
39.40	0.00	12,360	205.50	0.00
39.50	0.00	12,360	205.50	0.00
39.60	0.00	12,360	205.50	0.00
39.70	0.00	12,360	205.50	0.00
39.80	0.00	12,360	205.50	0.00
39.90	0.00	12,360	205.50	0.00
40.00	0.00	12,360	205.50	0.00

Stage-Discharge for Pond B-4A: Basin #4A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.00
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.00
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.00
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.00
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.00
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.00
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.00

Stage-Discharge for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.00	205.60	3.72
205.09	0.00	205.61	4.29
205.10	0.00	205.62	4.89
205.11	0.00	205.63	5.52
205.12	0.00	205.64	6.17
205.13	0.00	205.65	6.85
205.14	0.00	205.66	7.55
205.15	0.00	205.67	8.27
205.16	0.00	205.68	9.01
205.17	0.00	205.69	9.78
205.18	0.00	205.70	10.57
205.19	0.00	205.71	11.41
205.20	0.00	205.72	12.28
205.21	0.00	205.73	13.18
205.22	0.00	205.74	14.11
205.23	0.00	205.75	15.05
205.24	0.00	205.76	16.03
205.25	0.00	205.77	17.03
205.26	0.00	205.78	17.58
205.27	0.00	205.79	17.95
205.28	0.00	205.80	18.32
205.29	0.00	205.81	18.68
205.30	0.00	205.82	19.04
205.31	0.00	205.83	19.40
205.32	0.00	205.84	19.76
205.33	0.00	205.85	20.11
205.34	0.00	205.86	20.46
205.35	0.00	205.87	20.81
205.36	0.00	205.88	21.16
205.37	0.00	205.89	21.51
205.38	0.00	205.90	21.85
205.39	0.00	205.91	22.20
205.40	0.00	205.92	22.54
205.41	0.00		
205.42	0.00		
205.43	0.00		
205.44	0.00		
205.45	0.00		
205.46	0.00		
205.47	0.00		
205.48	0.00		
205.49	0.00		
205.50	0.00		
205.51	0.12		
205.52	0.33		
205.53	0.61		
205.54	0.94		
205.55	1.31		
205.56	1.72		
205.57	2.17		
205.58	2.66		
205.59	3.17		

Stage-Area-Storage for Pond B-4A: Basin #4A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	3,912	0	203.52	4,334	2,144
203.01	3,920	39	203.53	4,342	2,187
203.02	3,928	78	203.54	4,350	2,231
203.03	3,936	118	203.55	4,359	2,274
203.04	3,944	157	203.56	4,367	2,318
203.05	3,953	197	203.57	4,375	2,362
203.06	3,961	236	203.58	4,383	2,406
203.07	3,969	276	203.59	4,391	2,449
203.08	3,977	316	203.60	4,399	2,493
203.09	3,985	355	203.61	4,407	2,537
203.10	3,993	395	203.62	4,415	2,582
203.11	4,001	435	203.63	4,424	2,626
203.12	4,009	475	203.64	4,432	2,670
203.13	4,018	515	203.65	4,440	2,714
203.14	4,026	556	203.66	4,448	2,759
203.15	4,034	596	203.67	4,456	2,803
203.16	4,042	636	203.68	4,464	2,848
203.17	4,050	677	203.69	4,472	2,893
203.18	4,058	717	203.70	4,480	2,937
203.19	4,066	758	203.71	4,489	2,982
203.20	4,074	799	203.72	4,497	3,027
203.21	4,083	839	203.73	4,505	3,072
203.22	4,091	880	203.74	4,513	3,117
203.23	4,099	921	203.75	4,521	3,162
203.24	4,107	962	203.76	4,529	3,208
203.25	4,115	1,003	203.77	4,537	3,253
203.26	4,123	1,045	203.78	4,545	3,298
203.27	4,131	1,086	203.79	4,553	3,344
203.28	4,139	1,127	203.80	4,562	3,389
203.29	4,147	1,169	203.81	4,570	3,435
203.30	4,156	1,210	203.82	4,578	3,481
203.31	4,164	1,252	203.83	4,586	3,527
203.32	4,172	1,293	203.84	4,594	3,573
203.33	4,180	1,335	203.85	4,602	3,619
203.34	4,188	1,377	203.86	4,610	3,665
203.35	4,196	1,419	203.87	4,618	3,711
203.36	4,204	1,461	203.88	4,627	3,757
203.37	4,212	1,503	203.89	4,635	3,803
203.38	4,221	1,545	203.90	4,643	3,850
203.39	4,229	1,587	203.91	4,651	3,896
203.40	4,237	1,630	203.92	4,659	3,943
203.41	4,245	1,672	203.93	4,667	3,989
203.42	4,253	1,715	203.94	4,675	4,036
203.43	4,261	1,757	203.95	4,683	4,083
203.44	4,269	1,800	203.96	4,692	4,130
203.45	4,277	1,843	203.97	4,700	4,177
203.46	4,286	1,885	203.98	4,708	4,224
203.47	4,294	1,928	203.99	4,716	4,271
203.48	4,302	1,971	204.00	4,724	4,318
203.49	4,310	2,014	204.01	4,733	4,365
203.50	4,318	2,058	204.02	4,742	4,413
203.51	4,326	2,101	204.03	4,750	4,460

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	4,759	4,508	204.56	5,217	7,101
204.05	4,768	4,555	204.57	5,226	7,154
204.06	4,777	4,603	204.58	5,234	7,206
204.07	4,786	4,651	204.59	5,243	7,258
204.08	4,794	4,699	204.60	5,252	7,311
204.09	4,803	4,747	204.61	5,261	7,363
204.10	4,812	4,795	204.62	5,270	7,416
204.11	4,821	4,843	204.63	5,278	7,469
204.12	4,830	4,891	204.64	5,287	7,522
204.13	4,838	4,940	204.65	5,296	7,575
204.14	4,847	4,988	204.66	5,305	7,628
204.15	4,856	5,037	204.67	5,314	7,681
204.16	4,865	5,085	204.68	5,322	7,734
204.17	4,874	5,134	204.69	5,331	7,787
204.18	4,882	5,183	204.70	5,340	7,840
204.19	4,891	5,231	204.71	5,349	7,894
204.20	4,900	5,280	204.72	5,358	7,947
204.21	4,909	5,329	204.73	5,366	8,001
204.22	4,918	5,379	204.74	5,375	8,055
204.23	4,926	5,428	204.75	5,384	8,109
204.24	4,935	5,477	204.76	5,393	8,162
204.25	4,944	5,527	204.77	5,402	8,216
204.26	4,953	5,576	204.78	5,410	8,270
204.27	4,962	5,626	204.79	5,419	8,325
204.28	4,970	5,675	204.80	5,428	8,379
204.29	4,979	5,725	204.81	5,437	8,433
204.30	4,988	5,775	204.82	5,446	8,488
204.31	4,997	5,825	204.83	5,454	8,542
204.32	5,006	5,875	204.84	5,463	8,597
204.33	5,014	5,925	204.85	5,472	8,651
204.34	5,023	5,975	204.86	5,481	8,706
204.35	5,032	6,025	204.87	5,490	8,761
204.36	5,041	6,076	204.88	5,498	8,816
204.37	5,050	6,126	204.89	5,507	8,871
204.38	5,058	6,177	204.90	5,516	8,926
204.39	5,067	6,227	204.91	5,525	8,981
204.40	5,076	6,278	204.92	5,534	9,036
204.41	5,085	6,329	204.93	5,542	9,092
204.42	5,094	6,380	204.94	5,551	9,147
204.43	5,102	6,431	204.95	5,560	9,203
204.44	5,111	6,482	204.96	5,569	9,259
204.45	5,120	6,533	204.97	5,578	9,314
204.46	5,129	6,584	204.98	5,586	9,370
204.47	5,138	6,635	204.99	5,595	9,426
204.48	5,146	6,687	205.00	5,604	9,482
204.49	5,155	6,738	205.01	5,610	9,538
204.50	5,164	6,790	205.02	5,616	9,594
204.51	5,173	6,842	205.03	5,622	9,650
204.52	5,182	6,893	205.04	5,628	9,707
204.53	5,190	6,945	205.05	5,634	9,763
204.54	5,199	6,997	205.06	5,640	9,819
204.55	5,208	7,049	205.07	5,646	9,876

Stage-Area-Storage for Pond B-4A: Basin #4A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	5,652	9,932	205.60	5,966	12,953
205.09	5,658	9,989	205.61	5,972	13,013
205.10	5,664	10,045	205.62	5,978	13,073
205.11	5,670	10,102	205.63	5,985	13,132
205.12	5,676	10,159	205.64	5,991	13,192
205.13	5,683	10,216	205.65	5,997	13,252
205.14	5,689	10,272	205.66	6,003	13,312
205.15	5,695	10,329	205.67	6,009	13,372
205.16	5,701	10,386	205.68	6,015	13,432
205.17	5,707	10,443	205.69	6,021	13,493
205.18	5,713	10,501	205.70	6,027	13,553
205.19	5,719	10,558	205.71	6,033	13,613
205.20	5,725	10,615	205.72	6,039	13,673
205.21	5,731	10,672	205.73	6,045	13,734
205.22	5,737	10,729	205.74	6,051	13,794
205.23	5,743	10,787	205.75	6,057	13,855
205.24	5,749	10,844	205.76	6,057	13,855
205.25	5,755	10,902	205.77	6,057	13,855
205.26	5,761	10,959	205.78	6,057	13,855
205.27	5,767	11,017	205.79	6,057	13,855
205.28	5,773	11,075	205.80	6,057	13,855
205.29	5,779	11,133	205.81	6,057	13,855
205.30	5,785	11,190	205.82	6,057	13,855
205.31	5,791	11,248	205.83	6,057	13,855
205.32	5,797	11,306	205.84	6,057	13,855
205.33	5,803	11,364	205.85	6,057	13,855
205.34	5,809	11,422	205.86	6,057	13,855
205.35	5,815	11,480	205.87	6,057	13,855
205.36	5,821	11,539	205.88	6,057	13,855
205.37	5,827	11,597	205.89	6,057	13,855
205.38	5,834	11,655	205.90	6,057	13,855
205.39	5,840	11,713	205.91	6,057	13,855
205.40	5,846	11,772	205.92	6,057	13,855
205.41	5,852	11,830			
205.42	5,858	11,889			
205.43	5,864	11,948			
205.44	5,870	12,006			
205.45	5,876	12,065			
205.46	5,882	12,124			
205.47	5,888	12,183			
205.48	5,894	12,242			
205.49	5,900	12,300			
205.50	5,906	12,360			
205.51	5,912	12,419			
205.52	5,918	12,478			
205.53	5,924	12,537			
205.54	5,930	12,596			
205.55	5,936	12,656			
205.56	5,942	12,715			
205.57	5,948	12,774			
205.58	5,954	12,834			
205.59	5,960	12,893			

Summary for Pond B-4B: Basin #4B

Inflow Area = 2.331 ac, 36.89% Impervious, Inflow Depth = 8.85" for Future 100 yr event
 Inflow = 20.96 cfs @ 12.17 hrs, Volume= 1.720 af
 Outflow = 21.33 cfs @ 12.20 hrs, Volume= 1.475 af, Atten= 0%, Lag= 1.7 min
 Primary = 21.33 cfs @ 12.20 hrs, Volume= 1.475 af
 Routed to Pond B-5 : Basin #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.83' @ 12.20 hrs Surf.Area= 6,934 sf Storage= 15,634 cf

Plug-Flow detention time= 126.9 min calculated for 1.475 af (86% of inflow)
 Center-of-Mass det. time= 60.7 min (840.0 - 779.4)

Volume	Invert	Avail.Storage	Storage Description
#1	203.00'	15,634 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
203.00	4,292	0	0
204.00	5,294	4,793	4,793
205.00	6,393	5,844	10,637
205.75	6,934	4,998	15,634

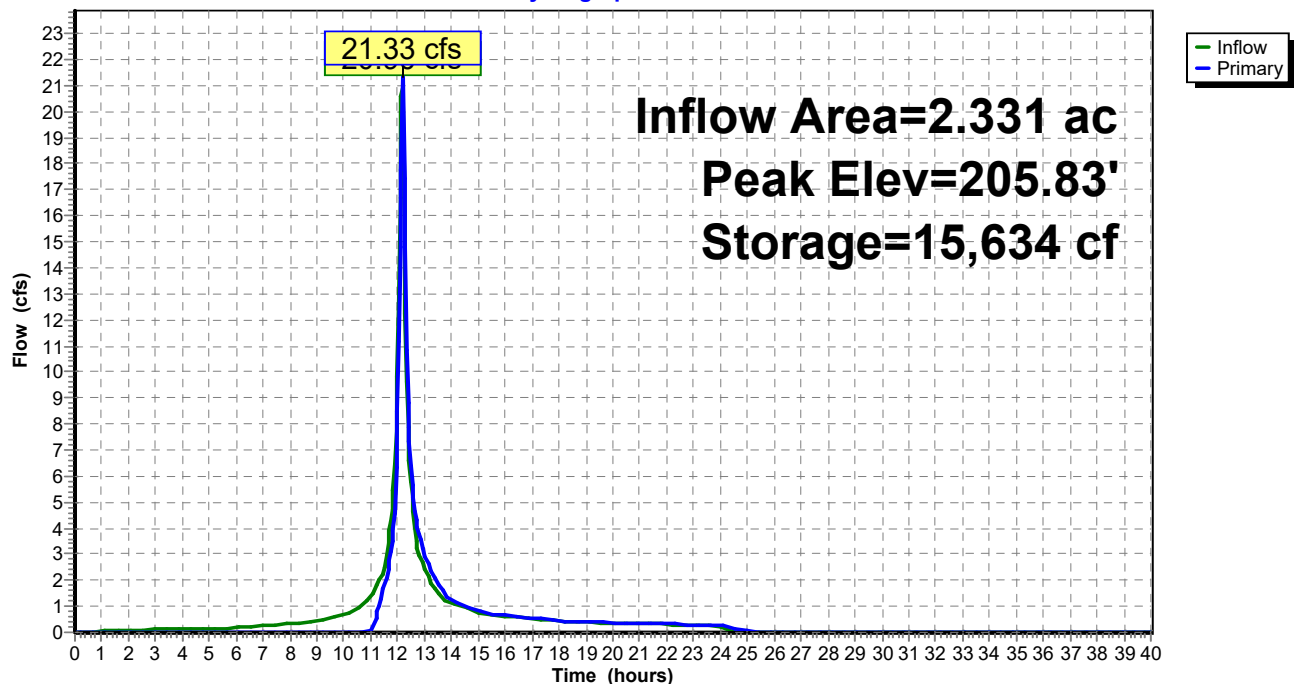
Device	Routing	Invert	Outlet Devices
#1	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#2	Device 1	202.00'	18.0" Round Culvert L= 35.0' Ke= 1.000 Inlet / Outlet Invert= 202.00' / 200.00' S= 0.0571 ' S Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#3	Device 1	203.77'	36.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Primary	205.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

Primary OutFlow Max=21.25 cfs @ 12.20 hrs HW=205.82' (Free Discharge)
 1=**Broad-Crested Rectangular Weir** (Passes 11.86 cfs of 22.90 cfs potential flow)
 2=**Culvert** (Inlet Controls 3.64 cfs @ 2.06 fps)
 3=**Orifice/Grate** (Orifice Controls 8.23 cfs @ 2.74 fps)
 4=**Sharp-Crested Rectangular Weir** (Weir Controls 9.39 cfs @ 2.97 fps)



Pond B-4B: Basin #4B

Hydrograph



Hydrograph for Pond B-4B: Basin #4B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	203.00	0.00
0.10	0.00	0	203.00	0.00
0.20	0.00	0	203.00	0.00
0.30	0.00	0	203.00	0.00
0.40	0.00	0	203.00	0.00
0.50	0.00	1	203.00	0.00
0.60	0.01	3	203.00	0.00
0.70	0.02	9	203.00	0.00
0.80	0.03	18	203.00	0.00
0.90	0.04	30	203.01	0.00
1.00	0.04	44	203.01	0.00
1.10	0.05	61	203.01	0.00
1.20	0.05	79	203.02	0.00
1.30	0.06	100	203.02	0.00
1.40	0.06	122	203.03	0.00
1.50	0.07	145	203.03	0.00
1.60	0.07	170	203.04	0.00
1.70	0.07	196	203.05	0.00
1.80	0.08	224	203.05	0.00
1.90	0.08	252	203.06	0.00
2.00	0.08	282	203.07	0.00
2.10	0.09	313	203.07	0.00
2.20	0.09	344	203.08	0.00
2.30	0.09	377	203.09	0.00
2.40	0.09	410	203.09	0.00
2.50	0.10	445	203.10	0.00
2.60	0.10	480	203.11	0.00
2.70	0.10	515	203.12	0.00
2.80	0.10	552	203.13	0.00
2.90	0.10	589	203.14	0.00
3.00	0.11	627	203.14	0.00
3.10	0.11	666	203.15	0.00
3.20	0.11	705	203.16	0.00
3.30	0.11	744	203.17	0.00
3.40	0.11	785	203.18	0.00
3.50	0.11	826	203.19	0.00
3.60	0.12	867	203.20	0.00
3.70	0.12	909	203.21	0.00
3.80	0.12	952	203.22	0.00
3.90	0.12	995	203.23	0.00
4.00	0.12	1,039	203.24	0.00
4.10	0.12	1,083	203.25	0.00
4.20	0.12	1,128	203.26	0.00
4.30	0.13	1,173	203.27	0.00
4.40	0.13	1,218	203.28	0.00
4.50	0.13	1,265	203.29	0.00
4.60	0.13	1,311	203.30	0.00
4.70	0.13	1,358	203.31	0.00
4.80	0.13	1,406	203.32	0.00
4.90	0.13	1,454	203.33	0.00
5.00	0.14	1,502	203.34	0.00
5.10	0.14	1,551	203.35	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,601	203.36	0.00
5.30	0.14	1,651	203.37	0.00
5.40	0.15	1,703	203.38	0.00
5.50	0.15	1,756	203.39	0.00
5.60	0.15	1,810	203.40	0.00
5.70	0.16	1,866	203.41	0.00
5.80	0.16	1,923	203.43	0.00
5.90	0.16	1,981	203.44	0.00
6.00	0.17	2,041	203.45	0.00
6.10	0.17	2,102	203.46	0.00
6.20	0.18	2,165	203.48	0.00
6.30	0.18	2,230	203.49	0.00
6.40	0.19	2,298	203.51	0.00
6.50	0.20	2,368	203.52	0.00
6.60	0.21	2,441	203.54	0.00
6.70	0.21	2,517	203.55	0.00
6.80	0.22	2,595	203.57	0.00
6.90	0.23	2,676	203.58	0.00
7.00	0.24	2,760	203.60	0.00
7.10	0.25	2,847	203.62	0.00
7.20	0.25	2,937	203.64	0.00
7.30	0.26	3,029	203.66	0.00
7.40	0.27	3,125	203.67	0.00
7.50	0.28	3,224	203.69	0.00
7.60	0.29	3,326	203.72	0.00
7.70	0.30	3,431	203.74	0.00
7.80	0.31	3,539	203.76	0.00
7.90	0.31	3,651	203.78	0.00
8.00	0.32	3,766	203.80	0.00
8.10	0.33	3,884	203.83	0.00
8.20	0.34	4,005	203.85	0.00
8.30	0.35	4,130	203.87	0.00
8.40	0.36	4,259	203.90	0.00
8.50	0.37	4,391	203.92	0.00
8.60	0.38	4,526	203.95	0.00
8.70	0.39	4,665	203.98	0.00
8.80	0.40	4,808	204.00	0.00
8.90	0.41	4,954	204.03	0.00
9.00	0.42	5,103	204.06	0.00
9.10	0.44	5,258	204.09	0.00
9.20	0.46	5,419	204.12	0.00
9.30	0.49	5,589	204.15	0.00
9.40	0.52	5,769	204.18	0.00
9.50	0.54	5,960	204.22	0.00
9.60	0.58	6,162	204.25	0.00
9.70	0.61	6,374	204.29	0.00
9.80	0.64	6,598	204.33	0.00
9.90	0.67	6,833	204.37	0.00
10.00	0.70	7,080	204.41	0.00
10.10	0.73	7,338	204.46	0.00
10.20	0.77	7,608	204.51	0.00
10.30	0.80	7,891	204.55	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.84	8,186	204.60	0.00
10.50	0.87	8,493	204.65	0.00
10.60	0.93	8,815	204.71	0.00
10.70	1.02	9,165	204.77	0.00
10.80	1.14	9,553	204.83	0.00
10.90	1.25	9,983	204.90	0.00
11.00	1.38	10,457	204.97	0.00
11.10	1.52	10,960	205.05	0.15
11.20	1.73	11,421	205.12	0.55
11.30	1.96	11,804	205.18	1.00
11.40	2.19	12,116	205.23	1.41
11.50	2.43	12,372	205.27	1.79
11.60	2.95	12,613	205.30	2.16
11.70	3.90	12,973	205.36	2.76
11.80	4.74	13,390	205.42	3.49
11.90	6.43	13,941	205.50	4.56
12.00	9.81	14,484	205.58	8.45
12.10	16.70	15,050	205.67	14.80
12.20	20.22	15,634	205.83	21.33
12.30	12.23	15,059	205.67	14.92
12.40	7.85	14,522	205.59	8.82
12.50	5.76	14,239	205.55	6.36
12.60	4.66	14,061	205.52	5.19
12.70	3.52	13,827	205.49	4.32
12.80	3.03	13,542	205.44	3.78
12.90	2.73	13,301	205.41	3.33
13.00	2.46	13,100	205.38	2.98
13.10	2.20	12,924	205.35	2.67
13.20	1.97	12,761	205.33	2.40
13.30	1.81	12,618	205.30	2.17
13.40	1.66	12,497	205.29	1.98
13.50	1.52	12,388	205.27	1.81
13.60	1.38	12,286	205.25	1.66
13.70	1.27	12,190	205.24	1.52
13.80	1.21	12,109	205.23	1.40
13.90	1.17	12,047	205.22	1.32
14.00	1.13	11,998	205.21	1.25
14.10	1.09	11,957	205.20	1.20
14.20	1.06	11,922	205.20	1.15
14.30	1.02	11,890	205.19	1.11
14.40	0.98	11,859	205.19	1.07
14.50	0.95	11,829	205.18	1.03
14.60	0.91	11,799	205.18	0.99
14.70	0.87	11,770	205.18	0.95
14.80	0.84	11,741	205.17	0.92
14.90	0.80	11,712	205.17	0.88
15.00	0.76	11,682	205.16	0.85
15.10	0.73	11,652	205.16	0.81
15.20	0.70	11,622	205.15	0.78
15.30	0.68	11,596	205.15	0.75
15.40	0.67	11,575	205.15	0.72
15.50	0.66	11,559	205.14	0.70

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.65	11,544	205.14	0.69
15.70	0.64	11,532	205.14	0.67
15.80	0.63	11,521	205.14	0.66
15.90	0.62	11,510	205.14	0.65
16.00	0.61	11,500	205.13	0.64
16.10	0.60	11,490	205.13	0.63
16.20	0.59	11,481	205.13	0.62
16.30	0.58	11,472	205.13	0.61
16.40	0.57	11,463	205.13	0.60
16.50	0.56	11,454	205.13	0.59
16.60	0.55	11,444	205.13	0.58
16.70	0.55	11,435	205.12	0.57
16.80	0.54	11,427	205.12	0.56
16.90	0.53	11,417	205.12	0.55
17.00	0.52	11,408	205.12	0.54
17.10	0.51	11,400	205.12	0.53
17.20	0.50	11,391	205.12	0.52
17.30	0.49	11,382	205.12	0.51
17.40	0.48	11,372	205.11	0.50
17.50	0.47	11,362	205.11	0.49
17.60	0.46	11,352	205.11	0.48
17.70	0.45	11,343	205.11	0.48
17.80	0.44	11,333	205.11	0.47
17.90	0.43	11,323	205.11	0.46
18.00	0.42	11,313	205.11	0.45
18.10	0.41	11,303	205.10	0.44
18.20	0.40	11,293	205.10	0.43
18.30	0.40	11,284	205.10	0.42
18.40	0.39	11,277	205.10	0.41
18.50	0.39	11,271	205.10	0.41
18.60	0.39	11,266	205.10	0.40
18.70	0.39	11,262	205.10	0.40
18.80	0.38	11,258	205.10	0.39
18.90	0.38	11,255	205.10	0.39
19.00	0.38	11,252	205.10	0.39
19.10	0.38	11,249	205.10	0.38
19.20	0.37	11,246	205.09	0.38
19.30	0.37	11,243	205.09	0.38
19.40	0.37	11,241	205.09	0.38
19.50	0.37	11,238	205.09	0.37
19.60	0.36	11,236	205.09	0.37
19.70	0.36	11,233	205.09	0.37
19.80	0.36	11,230	205.09	0.37
19.90	0.36	11,228	205.09	0.36
20.00	0.36	11,226	205.09	0.36
20.10	0.35	11,223	205.09	0.36
20.20	0.35	11,221	205.09	0.36
20.30	0.35	11,218	205.09	0.35
20.40	0.34	11,215	205.09	0.35
20.50	0.34	11,213	205.09	0.35
20.60	0.34	11,210	205.09	0.35
20.70	0.34	11,208	205.09	0.35

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	11,205	205.09	0.34
20.90	0.33	11,202	205.09	0.34
21.00	0.33	11,199	205.09	0.34
21.10	0.33	11,196	205.09	0.34
21.20	0.33	11,193	205.09	0.33
21.30	0.32	11,190	205.09	0.33
21.40	0.32	11,188	205.09	0.33
21.50	0.32	11,185	205.09	0.33
21.60	0.32	11,182	205.08	0.32
21.70	0.31	11,179	205.08	0.32
21.80	0.31	11,176	205.08	0.32
21.90	0.31	11,173	205.08	0.32
22.00	0.31	11,170	205.08	0.31
22.10	0.30	11,167	205.08	0.31
22.20	0.30	11,164	205.08	0.31
22.30	0.30	11,162	205.08	0.31
22.40	0.30	11,159	205.08	0.30
22.50	0.29	11,156	205.08	0.30
22.60	0.29	11,153	205.08	0.30
22.70	0.29	11,150	205.08	0.30
22.80	0.29	11,147	205.08	0.29
22.90	0.28	11,144	205.08	0.29
23.00	0.28	11,141	205.08	0.29
23.10	0.28	11,138	205.08	0.29
23.20	0.28	11,135	205.08	0.29
23.30	0.27	11,132	205.08	0.28
23.40	0.27	11,129	205.08	0.28
23.50	0.27	11,126	205.08	0.28
23.60	0.27	11,123	205.08	0.28
23.70	0.26	11,120	205.08	0.27
23.80	0.26	11,117	205.07	0.27
23.90	0.26	11,115	205.07	0.27
24.00	0.27	11,113	205.07	0.27
24.10	0.23	11,113	205.07	0.27
24.20	0.07	11,073	205.07	0.23
24.30	0.01	11,011	205.06	0.19
24.40	0.00	10,954	205.05	0.15
24.50	0.00	10,907	205.04	0.12
24.60	0.00	10,870	205.04	0.09
24.70	0.00	10,840	205.03	0.08
24.80	0.00	10,814	205.03	0.07
24.90	0.00	10,793	205.02	0.06
25.00	0.00	10,774	205.02	0.05
25.10	0.00	10,758	205.02	0.04
25.20	0.00	10,745	205.02	0.03
25.30	0.00	10,733	205.02	0.03
25.40	0.00	10,723	205.01	0.03
25.50	0.00	10,715	205.01	0.02
25.60	0.00	10,707	205.01	0.02
25.70	0.00	10,701	205.01	0.02
25.80	0.00	10,696	205.01	0.01
25.90	0.00	10,691	205.01	0.01

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,688	205.01	0.01
26.10	0.00	10,684	205.01	0.01
26.20	0.00	10,681	205.01	0.01
26.30	0.00	10,679	205.01	0.01
26.40	0.00	10,676	205.01	0.01
26.50	0.00	10,674	205.01	0.01
26.60	0.00	10,671	205.01	0.01
26.70	0.00	10,669	205.01	0.01
26.80	0.00	10,667	205.00	0.01
26.90	0.00	10,665	205.00	0.01
27.00	0.00	10,663	205.00	0.00
27.10	0.00	10,662	205.00	0.00
27.20	0.00	10,660	205.00	0.00
27.30	0.00	10,659	205.00	0.00
27.40	0.00	10,657	205.00	0.00
27.50	0.00	10,656	205.00	0.00
27.60	0.00	10,655	205.00	0.00
27.70	0.00	10,654	205.00	0.00
27.80	0.00	10,653	205.00	0.00
27.90	0.00	10,652	205.00	0.00
28.00	0.00	10,651	205.00	0.00
28.10	0.00	10,650	205.00	0.00
28.20	0.00	10,649	205.00	0.00
28.30	0.00	10,648	205.00	0.00
28.40	0.00	10,648	205.00	0.00
28.50	0.00	10,647	205.00	0.00
28.60	0.00	10,646	205.00	0.00
28.70	0.00	10,646	205.00	0.00
28.80	0.00	10,645	205.00	0.00
28.90	0.00	10,645	205.00	0.00
29.00	0.00	10,644	205.00	0.00
29.10	0.00	10,644	205.00	0.00
29.20	0.00	10,643	205.00	0.00
29.30	0.00	10,643	205.00	0.00
29.40	0.00	10,642	205.00	0.00
29.50	0.00	10,642	205.00	0.00
29.60	0.00	10,642	205.00	0.00
29.70	0.00	10,641	205.00	0.00
29.80	0.00	10,641	205.00	0.00
29.90	0.00	10,641	205.00	0.00
30.00	0.00	10,640	205.00	0.00
30.10	0.00	10,640	205.00	0.00
30.20	0.00	10,640	205.00	0.00
30.30	0.00	10,640	205.00	0.00
30.40	0.00	10,640	205.00	0.00
30.50	0.00	10,639	205.00	0.00
30.60	0.00	10,639	205.00	0.00
30.70	0.00	10,639	205.00	0.00
30.80	0.00	10,639	205.00	0.00
30.90	0.00	10,639	205.00	0.00
31.00	0.00	10,639	205.00	0.00
31.10	0.00	10,638	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,638	205.00	0.00
31.30	0.00	10,638	205.00	0.00
31.40	0.00	10,638	205.00	0.00
31.50	0.00	10,638	205.00	0.00
31.60	0.00	10,638	205.00	0.00
31.70	0.00	10,638	205.00	0.00
31.80	0.00	10,638	205.00	0.00
31.90	0.00	10,638	205.00	0.00
32.00	0.00	10,638	205.00	0.00
32.10	0.00	10,638	205.00	0.00
32.20	0.00	10,637	205.00	0.00
32.30	0.00	10,637	205.00	0.00
32.40	0.00	10,637	205.00	0.00
32.50	0.00	10,637	205.00	0.00
32.60	0.00	10,637	205.00	0.00
32.70	0.00	10,637	205.00	0.00
32.80	0.00	10,637	205.00	0.00
32.90	0.00	10,637	205.00	0.00
33.00	0.00	10,637	205.00	0.00
33.10	0.00	10,637	205.00	0.00
33.20	0.00	10,637	205.00	0.00
33.30	0.00	10,637	205.00	0.00
33.40	0.00	10,637	205.00	0.00
33.50	0.00	10,637	205.00	0.00
33.60	0.00	10,637	205.00	0.00
33.70	0.00	10,637	205.00	0.00
33.80	0.00	10,637	205.00	0.00
33.90	0.00	10,637	205.00	0.00
34.00	0.00	10,637	205.00	0.00
34.10	0.00	10,637	205.00	0.00
34.20	0.00	10,637	205.00	0.00
34.30	0.00	10,637	205.00	0.00
34.40	0.00	10,637	205.00	0.00
34.50	0.00	10,637	205.00	0.00
34.60	0.00	10,637	205.00	0.00
34.70	0.00	10,637	205.00	0.00
34.80	0.00	10,637	205.00	0.00
34.90	0.00	10,637	205.00	0.00
35.00	0.00	10,637	205.00	0.00
35.10	0.00	10,637	205.00	0.00
35.20	0.00	10,637	205.00	0.00
35.30	0.00	10,637	205.00	0.00
35.40	0.00	10,637	205.00	0.00
35.50	0.00	10,637	205.00	0.00
35.60	0.00	10,637	205.00	0.00
35.70	0.00	10,637	205.00	0.00
35.80	0.00	10,637	205.00	0.00
35.90	0.00	10,637	205.00	0.00
36.00	0.00	10,637	205.00	0.00
36.10	0.00	10,637	205.00	0.00
36.20	0.00	10,637	205.00	0.00
36.30	0.00	10,637	205.00	0.00

Hydrograph for Pond B-4B: Basin #4B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,637	205.00	0.00
36.50	0.00	10,637	205.00	0.00
36.60	0.00	10,637	205.00	0.00
36.70	0.00	10,637	205.00	0.00
36.80	0.00	10,637	205.00	0.00
36.90	0.00	10,637	205.00	0.00
37.00	0.00	10,637	205.00	0.00
37.10	0.00	10,637	205.00	0.00
37.20	0.00	10,637	205.00	0.00
37.30	0.00	10,637	205.00	0.00
37.40	0.00	10,637	205.00	0.00
37.50	0.00	10,637	205.00	0.00
37.60	0.00	10,637	205.00	0.00
37.70	0.00	10,637	205.00	0.00
37.80	0.00	10,637	205.00	0.00
37.90	0.00	10,637	205.00	0.00
38.00	0.00	10,637	205.00	0.00
38.10	0.00	10,637	205.00	0.00
38.20	0.00	10,637	205.00	0.00
38.30	0.00	10,637	205.00	0.00
38.40	0.00	10,637	205.00	0.00
38.50	0.00	10,637	205.00	0.00
38.60	0.00	10,637	205.00	0.00
38.70	0.00	10,637	205.00	0.00
38.80	0.00	10,637	205.00	0.00
38.90	0.00	10,637	205.00	0.00
39.00	0.00	10,637	205.00	0.00
39.10	0.00	10,637	205.00	0.00
39.20	0.00	10,637	205.00	0.00
39.30	0.00	10,637	205.00	0.00
39.40	0.00	10,637	205.00	0.00
39.50	0.00	10,637	205.00	0.00
39.60	0.00	10,637	205.00	0.00
39.70	0.00	10,637	205.00	0.00
39.80	0.00	10,637	205.00	0.00
39.90	0.00	10,637	205.00	0.00
40.00	0.00	10,637	205.00	0.00

Stage-Discharge for Pond B-4B: Basin #4B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.00	0.00	203.52	0.00	204.04	0.00	204.56	0.00
203.01	0.00	203.53	0.00	204.05	0.00	204.57	0.00
203.02	0.00	203.54	0.00	204.06	0.00	204.58	0.00
203.03	0.00	203.55	0.00	204.07	0.00	204.59	0.00
203.04	0.00	203.56	0.00	204.08	0.00	204.60	0.00
203.05	0.00	203.57	0.00	204.09	0.00	204.61	0.00
203.06	0.00	203.58	0.00	204.10	0.00	204.62	0.00
203.07	0.00	203.59	0.00	204.11	0.00	204.63	0.00
203.08	0.00	203.60	0.00	204.12	0.00	204.64	0.00
203.09	0.00	203.61	0.00	204.13	0.00	204.65	0.00
203.10	0.00	203.62	0.00	204.14	0.00	204.66	0.00
203.11	0.00	203.63	0.00	204.15	0.00	204.67	0.00
203.12	0.00	203.64	0.00	204.16	0.00	204.68	0.00
203.13	0.00	203.65	0.00	204.17	0.00	204.69	0.00
203.14	0.00	203.66	0.00	204.18	0.00	204.70	0.00
203.15	0.00	203.67	0.00	204.19	0.00	204.71	0.00
203.16	0.00	203.68	0.00	204.20	0.00	204.72	0.00
203.17	0.00	203.69	0.00	204.21	0.00	204.73	0.00
203.18	0.00	203.70	0.00	204.22	0.00	204.74	0.00
203.19	0.00	203.71	0.00	204.23	0.00	204.75	0.00
203.20	0.00	203.72	0.00	204.24	0.00	204.76	0.00
203.21	0.00	203.73	0.00	204.25	0.00	204.77	0.00
203.22	0.00	203.74	0.00	204.26	0.00	204.78	0.00
203.23	0.00	203.75	0.00	204.27	0.00	204.79	0.00
203.24	0.00	203.76	0.00	204.28	0.00	204.80	0.00
203.25	0.00	203.77	0.00	204.29	0.00	204.81	0.00
203.26	0.00	203.78	0.00	204.30	0.00	204.82	0.00
203.27	0.00	203.79	0.00	204.31	0.00	204.83	0.00
203.28	0.00	203.80	0.00	204.32	0.00	204.84	0.00
203.29	0.00	203.81	0.00	204.33	0.00	204.85	0.00
203.30	0.00	203.82	0.00	204.34	0.00	204.86	0.00
203.31	0.00	203.83	0.00	204.35	0.00	204.87	0.00
203.32	0.00	203.84	0.00	204.36	0.00	204.88	0.00
203.33	0.00	203.85	0.00	204.37	0.00	204.89	0.00
203.34	0.00	203.86	0.00	204.38	0.00	204.90	0.00
203.35	0.00	203.87	0.00	204.39	0.00	204.91	0.00
203.36	0.00	203.88	0.00	204.40	0.00	204.92	0.00
203.37	0.00	203.89	0.00	204.41	0.00	204.93	0.00
203.38	0.00	203.90	0.00	204.42	0.00	204.94	0.00
203.39	0.00	203.91	0.00	204.43	0.00	204.95	0.00
203.40	0.00	203.92	0.00	204.44	0.00	204.96	0.00
203.41	0.00	203.93	0.00	204.45	0.00	204.97	0.00
203.42	0.00	203.94	0.00	204.46	0.00	204.98	0.00
203.43	0.00	203.95	0.00	204.47	0.00	204.99	0.00
203.44	0.00	203.96	0.00	204.48	0.00	205.00	0.00
203.45	0.00	203.97	0.00	204.49	0.00	205.01	0.01
203.46	0.00	203.98	0.00	204.50	0.00	205.02	0.04
203.47	0.00	203.99	0.00	204.51	0.00	205.03	0.07
203.48	0.00	204.00	0.00	204.52	0.00	205.04	0.10
203.49	0.00	204.01	0.00	204.53	0.00	205.05	0.15
203.50	0.00	204.02	0.00	204.54	0.00	205.06	0.19
203.51	0.00	204.03	0.00	204.55	0.00	205.07	0.24

Stage-Discharge for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.08	0.29	205.60	9.61
205.09	0.35	205.61	10.33
205.10	0.41	205.62	11.08
205.11	0.47	205.63	11.85
205.12	0.54	205.64	12.65
205.13	0.61	205.65	13.48
205.14	0.68	205.66	14.33
205.15	0.75	205.67	15.20
205.16	0.83	205.68	15.92
205.17	0.91	205.69	16.32
205.18	0.99	205.70	16.71
205.19	1.07	205.71	17.09
205.20	1.16	205.72	17.47
205.21	1.25	205.73	17.85
205.22	1.33	205.74	18.22
205.23	1.43	205.75	18.59
205.24	1.52	205.76	18.96
205.25	1.61	205.77	19.32
205.26	1.71	205.78	19.68
205.27	1.81	205.79	20.04
205.28	1.91	205.80	20.39
205.29	2.01	205.81	20.74
205.30	2.12	205.82	21.10
205.31	2.22	205.83	21.44
205.32	2.33		
205.33	2.44		
205.34	2.55		
205.35	2.66		
205.36	2.77		
205.37	2.89		
205.38	3.01		
205.39	3.12		
205.40	3.24		
205.41	3.36		
205.42	3.49		
205.43	3.61		
205.44	3.73		
205.45	3.86		
205.46	3.99		
205.47	4.12		
205.48	4.25		
205.49	4.38		
205.50	4.51		
205.51	4.76		
205.52	5.11		
205.53	5.52		
205.54	5.99		
205.55	6.50		
205.56	7.05		
205.57	7.64		
205.58	8.27		
205.59	8.93		

Stage-Area-Storage for Pond B-4B: Basin #4B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.00	4,292	0	203.52	4,813	2,367
203.01	4,302	43	203.53	4,823	2,415
203.02	4,312	86	203.54	4,833	2,464
203.03	4,322	129	203.55	4,843	2,512
203.04	4,332	172	203.56	4,853	2,561
203.05	4,342	216	203.57	4,863	2,609
203.06	4,352	259	203.58	4,873	2,658
203.07	4,362	303	203.59	4,883	2,707
203.08	4,372	347	203.60	4,893	2,756
203.09	4,382	390	203.61	4,903	2,805
203.10	4,392	434	203.62	4,913	2,854
203.11	4,402	478	203.63	4,923	2,903
203.12	4,412	522	203.64	4,933	2,952
203.13	4,422	566	203.65	4,943	3,001
203.14	4,432	611	203.66	4,953	3,051
203.15	4,442	655	203.67	4,963	3,101
203.16	4,452	700	203.68	4,973	3,150
203.17	4,462	744	203.69	4,983	3,200
203.18	4,472	789	203.70	4,993	3,250
203.19	4,482	834	203.71	5,003	3,300
203.20	4,492	878	203.72	5,013	3,350
203.21	4,502	923	203.73	5,023	3,400
203.22	4,512	968	203.74	5,033	3,450
203.23	4,522	1,014	203.75	5,044	3,501
203.24	4,532	1,059	203.76	5,054	3,551
203.25	4,543	1,104	203.77	5,064	3,602
203.26	4,553	1,150	203.78	5,074	3,653
203.27	4,563	1,195	203.79	5,084	3,703
203.28	4,573	1,241	203.80	5,094	3,754
203.29	4,583	1,287	203.81	5,104	3,805
203.30	4,593	1,333	203.82	5,114	3,856
203.31	4,603	1,379	203.83	5,124	3,907
203.32	4,613	1,425	203.84	5,134	3,959
203.33	4,623	1,471	203.85	5,144	4,010
203.34	4,633	1,517	203.86	5,154	4,062
203.35	4,643	1,564	203.87	5,164	4,113
203.36	4,653	1,610	203.88	5,174	4,165
203.37	4,663	1,657	203.89	5,184	4,217
203.38	4,673	1,703	203.90	5,194	4,269
203.39	4,683	1,750	203.91	5,204	4,321
203.40	4,693	1,797	203.92	5,214	4,373
203.41	4,703	1,844	203.93	5,224	4,425
203.42	4,713	1,891	203.94	5,234	4,477
203.43	4,723	1,938	203.95	5,244	4,530
203.44	4,733	1,985	203.96	5,254	4,582
203.45	4,743	2,033	203.97	5,264	4,635
203.46	4,753	2,080	203.98	5,274	4,687
203.47	4,763	2,128	203.99	5,284	4,740
203.48	4,773	2,176	204.00	5,294	4,793
203.49	4,783	2,223	204.01	5,305	4,846
203.50	4,793	2,271	204.02	5,316	4,899
203.51	4,803	2,319	204.03	5,327	4,952

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.04	5,338	5,006	204.56	5,909	7,930
204.05	5,349	5,059	204.57	5,920	7,989
204.06	5,360	5,113	204.58	5,931	8,048
204.07	5,371	5,166	204.59	5,942	8,108
204.08	5,382	5,220	204.60	5,953	8,167
204.09	5,393	5,274	204.61	5,964	8,227
204.10	5,404	5,328	204.62	5,975	8,287
204.11	5,415	5,382	204.63	5,986	8,346
204.12	5,426	5,436	204.64	5,997	8,406
204.13	5,437	5,491	204.65	6,008	8,466
204.14	5,448	5,545	204.66	6,019	8,526
204.15	5,459	5,599	204.67	6,030	8,587
204.16	5,470	5,654	204.68	6,041	8,647
204.17	5,481	5,709	204.69	6,052	8,707
204.18	5,492	5,764	204.70	6,063	8,768
204.19	5,503	5,819	204.71	6,074	8,829
204.20	5,514	5,874	204.72	6,085	8,890
204.21	5,525	5,929	204.73	6,096	8,950
204.22	5,536	5,984	204.74	6,107	9,011
204.23	5,547	6,040	204.75	6,118	9,073
204.24	5,558	6,095	204.76	6,129	9,134
204.25	5,569	6,151	204.77	6,140	9,195
204.26	5,580	6,207	204.78	6,151	9,257
204.27	5,591	6,262	204.79	6,162	9,318
204.28	5,602	6,318	204.80	6,173	9,380
204.29	5,613	6,374	204.81	6,184	9,442
204.30	5,624	6,431	204.82	6,195	9,504
204.31	5,635	6,487	204.83	6,206	9,566
204.32	5,646	6,543	204.84	6,217	9,628
204.33	5,657	6,600	204.85	6,228	9,690
204.34	5,668	6,656	204.86	6,239	9,752
204.35	5,679	6,713	204.87	6,250	9,815
204.36	5,690	6,770	204.88	6,261	9,877
204.37	5,701	6,827	204.89	6,272	9,940
204.38	5,712	6,884	204.90	6,283	10,003
204.39	5,723	6,941	204.91	6,294	10,066
204.40	5,734	6,999	204.92	6,305	10,129
204.41	5,745	7,056	204.93	6,316	10,192
204.42	5,756	7,113	204.94	6,327	10,255
204.43	5,767	7,171	204.95	6,338	10,318
204.44	5,778	7,229	204.96	6,349	10,382
204.45	5,789	7,287	204.97	6,360	10,445
204.46	5,800	7,345	204.98	6,371	10,509
204.47	5,811	7,403	204.99	6,382	10,573
204.48	5,822	7,461	205.00	6,393	10,637
204.49	5,833	7,519	205.01	6,400	10,700
204.50	5,844	7,577	205.02	6,407	10,765
204.51	5,854	7,636	205.03	6,415	10,829
204.52	5,865	7,694	205.04	6,422	10,893
204.53	5,876	7,753	205.05	6,429	10,957
204.54	5,887	7,812	205.06	6,436	11,021
204.55	5,898	7,871	205.07	6,443	11,086

Stage-Area-Storage for Pond B-4B: Basin #4B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.08	6,451	11,150	205.60	6,826	14,602
205.09	6,458	11,215	205.61	6,833	14,670
205.10	6,465	11,279	205.62	6,840	14,739
205.11	6,472	11,344	205.63	6,847	14,807
205.12	6,480	11,409	205.64	6,855	14,876
205.13	6,487	11,474	205.65	6,862	14,944
205.14	6,494	11,539	205.66	6,869	15,013
205.15	6,501	11,604	205.67	6,876	15,082
205.16	6,508	11,669	205.68	6,884	15,151
205.17	6,516	11,734	205.69	6,891	15,219
205.18	6,523	11,799	205.70	6,898	15,288
205.19	6,530	11,864	205.71	6,905	15,357
205.20	6,537	11,930	205.72	6,912	15,426
205.21	6,544	11,995	205.73	6,920	15,496
205.22	6,552	12,060	205.74	6,927	15,565
205.23	6,559	12,126	205.75	6,934	15,634
205.24	6,566	12,192	205.76	6,934	15,634
205.25	6,573	12,257	205.77	6,934	15,634
205.26	6,581	12,323	205.78	6,934	15,634
205.27	6,588	12,389	205.79	6,934	15,634
205.28	6,595	12,455	205.80	6,934	15,634
205.29	6,602	12,521	205.81	6,934	15,634
205.30	6,609	12,587	205.82	6,934	15,634
205.31	6,617	12,653	205.83	6,934	15,634
205.32	6,624	12,719			
205.33	6,631	12,785			
205.34	6,638	12,852			
205.35	6,645	12,918			
205.36	6,653	12,985			
205.37	6,660	13,051			
205.38	6,667	13,118			
205.39	6,674	13,185			
205.40	6,682	13,251			
205.41	6,689	13,318			
205.42	6,696	13,385			
205.43	6,703	13,452			
205.44	6,710	13,519			
205.45	6,718	13,586			
205.46	6,725	13,654			
205.47	6,732	13,721			
205.48	6,739	13,788			
205.49	6,746	13,856			
205.50	6,754	13,923			
205.51	6,761	13,991			
205.52	6,768	14,058			
205.53	6,775	14,126			
205.54	6,783	14,194			
205.55	6,790	14,262			
205.56	6,797	14,330			
205.57	6,804	14,398			
205.58	6,811	14,466			
205.59	6,819	14,534			

Summary for Pond B-5: Basin #5

Inflow Area = 5.341 ac, 32.20% Impervious, Inflow Depth = 7.52" for Future 100 yr event
 Inflow = 46.26 cfs @ 12.18 hrs, Volume= 3.348 af
 Outflow = 10.40 cfs @ 12.64 hrs, Volume= 2.423 af, Atten= 78%, Lag= 28.0 min
 Primary = 10.40 cfs @ 12.64 hrs, Volume= 2.423 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.86' @ 12.64 hrs Surf.Area= 17,713 sf Storage= 70,959 cf

Plug-Flow detention time= 348.5 min calculated for 2.420 af (72% of inflow)
 Center-of-Mass det. time= 256.7 min (1,090.0 - 833.3)

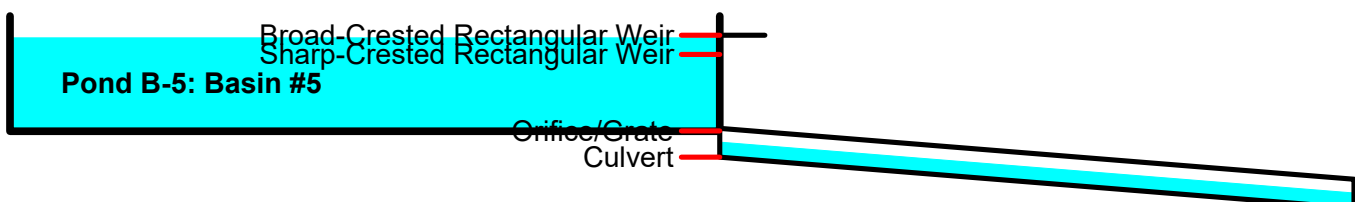
Volume	Invert	Avail.Storage	Storage Description
#1	200.00'	91,976 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

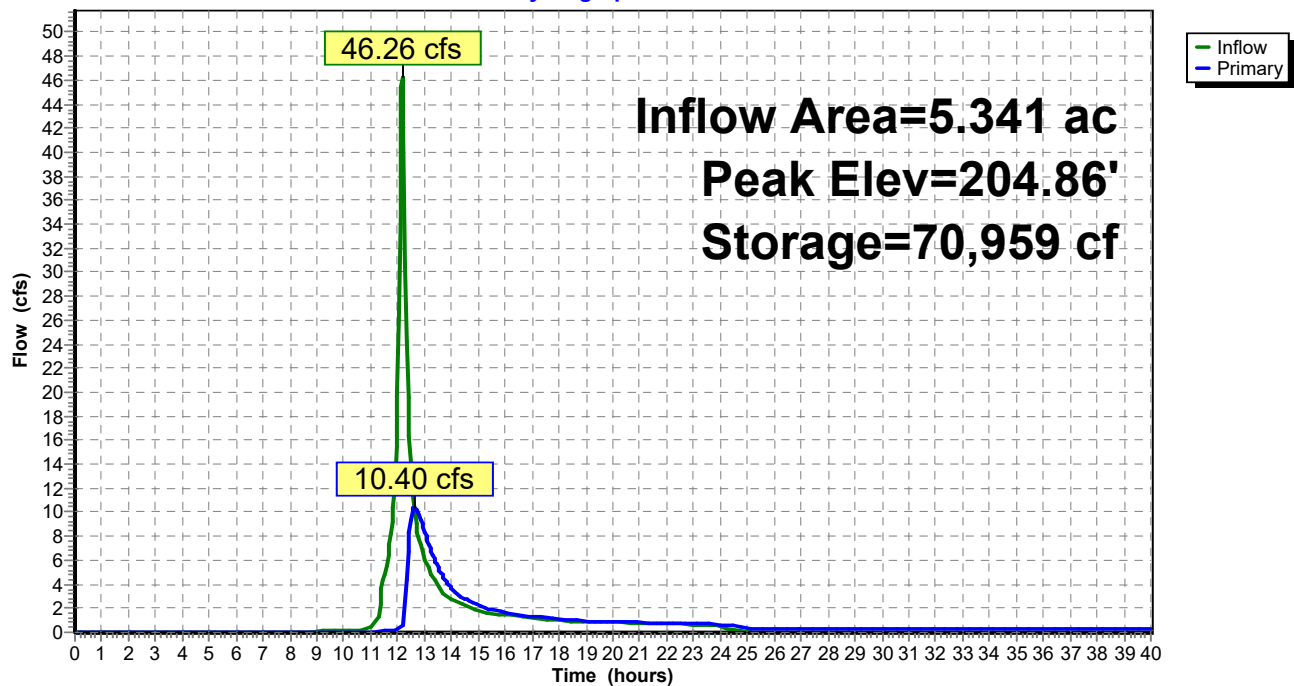
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
200.00	11,631	0	0
201.00	12,798	12,215	12,215
202.00	14,009	13,404	25,618
203.00	15,262	14,636	40,254
204.00	16,558	15,910	56,164
205.00	17,896	17,227	73,391
206.00	19,275	18,586	91,976

Device	Routing	Invert	Outlet Devices
#1	Primary	198.65'	18.0" Round Culvert L= 70.0' Ke= 0.500 Inlet / Outlet Invert= 198.65' / 196.00' S= 0.0379 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	200.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.00'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=10.39 cfs @ 12.64 hrs HW=204.86' (Free Discharge)

- 1=Culvert (Passes 10.39 cfs of 19.89 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.36 cfs @ 10.48 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 10.03 cfs @ 3.04 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-5: Basin #5**Hydrograph**

Hydrograph for Pond B-5: Basin #5

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	200.00	0.00
0.10	0.00	0	200.00	0.00
0.20	0.00	0	200.00	0.00
0.30	0.00	0	200.00	0.00
0.40	0.00	0	200.00	0.00
0.50	0.00	0	200.00	0.00
0.60	0.00	0	200.00	0.00
0.70	0.00	0	200.00	0.00
0.80	0.00	0	200.00	0.00
0.90	0.00	0	200.00	0.00
1.00	0.00	0	200.00	0.00
1.10	0.00	0	200.00	0.00
1.20	0.00	0	200.00	0.00
1.30	0.00	0	200.00	0.00
1.40	0.00	0	200.00	0.00
1.50	0.00	0	200.00	0.00
1.60	0.00	0	200.00	0.00
1.70	0.00	0	200.00	0.00
1.80	0.00	0	200.00	0.00
1.90	0.00	0	200.00	0.00
2.00	0.00	0	200.00	0.00
2.10	0.00	0	200.00	0.00
2.20	0.00	0	200.00	0.00
2.30	0.00	0	200.00	0.00
2.40	0.00	0	200.00	0.00
2.50	0.00	0	200.00	0.00
2.60	0.00	0	200.00	0.00
2.70	0.00	0	200.00	0.00
2.80	0.00	0	200.00	0.00
2.90	0.00	0	200.00	0.00
3.00	0.00	0	200.00	0.00
3.10	0.00	0	200.00	0.00
3.20	0.00	0	200.00	0.00
3.30	0.00	0	200.00	0.00
3.40	0.00	0	200.00	0.00
3.50	0.00	0	200.00	0.00
3.60	0.00	0	200.00	0.00
3.70	0.00	0	200.00	0.00
3.80	0.00	0	200.00	0.00
3.90	0.00	0	200.00	0.00
4.00	0.00	0	200.00	0.00
4.10	0.00	0	200.00	0.00
4.20	0.00	0	200.00	0.00
4.30	0.00	0	200.00	0.00
4.40	0.00	0	200.00	0.00
4.50	0.00	0	200.00	0.00
4.60	0.00	0	200.00	0.00
4.70	0.00	0	200.00	0.00
4.80	0.00	0	200.00	0.00
4.90	0.00	0	200.00	0.00
5.00	0.00	0	200.00	0.00
5.10	0.00	0	200.00	0.00

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	200.00	0.00
5.30	0.00	1	200.00	0.00
5.40	0.00	1	200.00	0.00
5.50	0.00	2	200.00	0.00
5.60	0.00	4	200.00	0.00
5.70	0.01	6	200.00	0.00
5.80	0.01	8	200.00	0.00
5.90	0.01	11	200.00	0.00
6.00	0.01	14	200.00	0.00
6.10	0.01	18	200.00	0.00
6.20	0.01	22	200.00	0.00
6.30	0.01	26	200.00	0.00
6.40	0.01	31	200.00	0.00
6.50	0.02	37	200.00	0.00
6.60	0.02	43	200.00	0.00
6.70	0.02	50	200.00	0.00
6.80	0.02	57	200.00	0.00
6.90	0.02	65	200.01	0.00
7.00	0.03	74	200.01	0.00
7.10	0.03	84	200.01	0.00
7.20	0.03	94	200.01	0.00
7.30	0.03	104	200.01	0.00
7.40	0.03	116	200.01	0.00
7.50	0.04	128	200.01	0.00
7.60	0.04	141	200.01	0.00
7.70	0.04	155	200.01	0.00
7.80	0.04	170	200.01	0.00
7.90	0.04	186	200.02	0.00
8.00	0.05	202	200.02	0.00
8.10	0.05	220	200.02	0.00
8.20	0.05	238	200.02	0.00
8.30	0.05	257	200.02	0.00
8.40	0.06	277	200.02	0.00
8.50	0.06	298	200.03	0.00
8.60	0.06	320	200.03	0.00
8.70	0.07	343	200.03	0.00
8.80	0.07	367	200.03	0.00
8.90	0.07	391	200.03	0.00
9.00	0.07	417	200.04	0.00
9.10	0.08	444	200.04	0.00
9.20	0.08	472	200.04	0.00
9.30	0.09	503	200.04	0.00
9.40	0.10	536	200.05	0.00
9.50	0.10	571	200.05	0.00
9.60	0.11	609	200.05	0.00
9.70	0.12	649	200.06	0.00
9.80	0.13	692	200.06	0.00
9.90	0.13	737	200.06	0.00
10.00	0.14	785	200.07	0.00
10.10	0.15	836	200.07	0.01
10.20	0.16	889	200.08	0.01
10.30	0.17	946	200.08	0.01

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	1,005	200.09	0.01
10.50	0.19	1,067	200.09	0.01
10.60	0.20	1,133	200.10	0.01
10.70	0.22	1,205	200.10	0.01
10.80	0.25	1,286	200.11	0.02
10.90	0.28	1,376	200.12	0.02
11.00	0.31	1,477	200.13	0.02
11.10	0.50	1,605	200.14	0.02
11.20	0.96	1,856	200.16	0.03
11.30	1.46	2,278	200.19	0.04
11.40	3.64	3,133	200.27	0.06
11.50	4.71	4,636	200.39	0.08
11.60	5.60	6,441	200.54	0.11
11.70	7.36	8,721	200.72	0.13
11.80	9.14	11,631	200.95	0.15
11.90	12.13	15,364	201.24	0.17
12.00	19.84	20,952	201.66	0.20
12.10	34.49	30,430	202.34	0.24
12.20	45.56	45,704	203.35	0.29
12.30	30.83	59,459	204.20	1.47
12.40	19.58	66,843	204.63	6.67
12.50	14.11	69,876	204.80	9.38
12.60	11.46	70,881	204.86	10.32
12.70	9.12	70,828	204.86	10.27
12.80	7.78	70,248	204.82	9.73
12.90	6.92	69,509	204.78	9.04
13.00	6.22	68,744	204.74	8.34
13.10	5.58	67,987	204.69	7.66
13.20	5.00	67,247	204.65	7.02
13.30	4.54	66,544	204.61	6.42
13.40	4.15	65,894	204.57	5.88
13.50	3.81	65,299	204.54	5.40
13.60	3.49	64,749	204.51	4.96
13.70	3.19	64,235	204.48	4.57
13.80	2.98	63,763	204.45	4.21
13.90	2.83	63,346	204.43	3.91
14.00	2.71	62,984	204.41	3.65
14.10	2.61	62,669	204.39	3.43
14.20	2.52	62,393	204.37	3.24
14.30	2.43	62,148	204.36	3.08
14.40	2.34	61,927	204.34	2.93
14.50	2.26	61,726	204.33	2.80
14.60	2.18	61,540	204.32	2.67
14.70	2.09	61,366	204.31	2.57
14.80	2.01	61,199	204.30	2.46
14.90	1.93	61,038	204.29	2.37
15.00	1.84	60,883	204.28	2.27
15.10	1.76	60,731	204.27	2.18
15.20	1.68	60,583	204.26	2.09
15.30	1.63	60,443	204.26	2.01
15.40	1.59	60,312	204.25	1.93
15.50	1.56	60,193	204.24	1.87

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	1.53	60,086	204.23	1.81
15.70	1.50	59,989	204.23	1.76
15.80	1.48	59,902	204.22	1.71
15.90	1.45	59,822	204.22	1.67
16.00	1.43	59,748	204.21	1.63
16.10	1.41	59,681	204.21	1.59
16.20	1.39	59,619	204.21	1.55
16.30	1.37	59,561	204.20	1.52
16.40	1.34	59,506	204.20	1.49
16.50	1.32	59,453	204.20	1.47
16.60	1.30	59,401	204.19	1.44
16.70	1.28	59,350	204.19	1.42
16.80	1.25	59,300	204.19	1.39
16.90	1.23	59,250	204.19	1.37
17.00	1.21	59,201	204.18	1.35
17.10	1.19	59,152	204.18	1.32
17.20	1.17	59,104	204.18	1.30
17.30	1.15	59,057	204.17	1.28
17.40	1.12	59,009	204.17	1.25
17.50	1.10	58,961	204.17	1.23
17.60	1.08	58,914	204.17	1.21
17.70	1.06	58,868	204.16	1.19
17.80	1.04	58,821	204.16	1.16
17.90	1.01	58,774	204.16	1.14
18.00	0.99	58,728	204.15	1.12
18.10	0.97	58,681	204.15	1.10
18.20	0.95	58,635	204.15	1.08
18.30	0.93	58,589	204.15	1.05
18.40	0.92	58,546	204.14	1.03
18.50	0.91	58,507	204.14	1.02
18.60	0.90	58,470	204.14	1.00
18.70	0.89	58,436	204.14	0.99
18.80	0.89	58,404	204.13	0.97
18.90	0.88	58,374	204.13	0.96
19.00	0.88	58,346	204.13	0.95
19.10	0.87	58,320	204.13	0.94
19.20	0.86	58,294	204.13	0.93
19.30	0.86	58,271	204.13	0.92
19.40	0.85	58,248	204.13	0.91
19.50	0.85	58,227	204.12	0.91
19.60	0.84	58,206	204.12	0.90
19.70	0.84	58,186	204.12	0.89
19.80	0.83	58,167	204.12	0.88
19.90	0.83	58,149	204.12	0.88
20.00	0.82	58,131	204.12	0.87
20.10	0.81	58,114	204.12	0.86
20.20	0.81	58,097	204.12	0.86
20.30	0.80	58,080	204.12	0.85
20.40	0.80	58,064	204.11	0.84
20.50	0.79	58,047	204.11	0.84
20.60	0.79	58,032	204.11	0.83
20.70	0.78	58,016	204.11	0.82

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.78	58,001	204.11	0.82
20.90	0.77	57,986	204.11	0.81
21.00	0.76	57,971	204.11	0.81
21.10	0.76	57,956	204.11	0.80
21.20	0.75	57,941	204.11	0.79
21.30	0.75	57,926	204.11	0.79
21.40	0.74	57,911	204.11	0.78
21.50	0.74	57,897	204.10	0.78
21.60	0.73	57,883	204.10	0.77
21.70	0.73	57,868	204.10	0.77
21.80	0.72	57,853	204.10	0.76
21.90	0.72	57,839	204.10	0.76
22.00	0.71	57,824	204.10	0.75
22.10	0.70	57,810	204.10	0.74
22.20	0.70	57,795	204.10	0.74
22.30	0.69	57,781	204.10	0.73
22.40	0.69	57,767	204.10	0.73
22.50	0.68	57,752	204.10	0.72
22.60	0.68	57,738	204.09	0.72
22.70	0.67	57,723	204.09	0.71
22.80	0.67	57,709	204.09	0.71
22.90	0.66	57,694	204.09	0.70
23.00	0.65	57,680	204.09	0.69
23.10	0.65	57,665	204.09	0.69
23.20	0.64	57,651	204.09	0.68
23.30	0.64	57,637	204.09	0.68
23.40	0.63	57,622	204.09	0.67
23.50	0.63	57,607	204.09	0.67
23.60	0.62	57,593	204.09	0.66
23.70	0.61	57,579	204.09	0.65
23.80	0.61	57,564	204.08	0.65
23.90	0.60	57,550	204.08	0.64
24.00	0.61	57,536	204.08	0.64
24.10	0.60	57,527	204.08	0.63
24.20	0.42	57,485	204.08	0.62
24.30	0.26	57,385	204.07	0.59
24.40	0.17	57,253	204.07	0.56
24.50	0.13	57,111	204.06	0.52
24.60	0.10	56,971	204.05	0.49
24.70	0.08	56,835	204.04	0.45
24.80	0.07	56,707	204.03	0.42
24.90	0.06	56,585	204.03	0.38
25.00	0.05	56,471	204.02	0.36
25.10	0.04	56,361	204.01	0.35
25.20	0.04	56,253	204.01	0.33
25.30	0.03	56,147	204.00	0.32
25.40	0.03	56,041	203.99	0.32
25.50	0.02	55,933	203.99	0.32
25.60	0.02	55,824	203.98	0.32
25.70	0.02	55,715	203.97	0.32
25.80	0.01	55,604	203.97	0.32
25.90	0.01	55,493	203.96	0.32

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	55,381	203.95	0.32
26.10	0.01	55,269	203.95	0.32
26.20	0.01	55,156	203.94	0.32
26.30	0.01	55,044	203.93	0.32
26.40	0.01	54,931	203.93	0.32
26.50	0.01	54,818	203.92	0.32
26.60	0.01	54,706	203.91	0.32
26.70	0.01	54,593	203.90	0.32
26.80	0.01	54,480	203.90	0.32
26.90	0.01	54,367	203.89	0.32
27.00	0.00	54,254	203.88	0.32
27.10	0.00	54,141	203.88	0.32
27.20	0.00	54,029	203.87	0.32
27.30	0.00	53,916	203.86	0.32
27.40	0.00	53,803	203.86	0.32
27.50	0.00	53,690	203.85	0.32
27.60	0.00	53,577	203.84	0.32
27.70	0.00	53,465	203.84	0.32
27.80	0.00	53,352	203.83	0.32
27.90	0.00	53,239	203.82	0.32
28.00	0.00	53,127	203.82	0.32
28.10	0.00	53,014	203.81	0.32
28.20	0.00	52,901	203.80	0.31
28.30	0.00	52,789	203.79	0.31
28.40	0.00	52,677	203.79	0.31
28.50	0.00	52,564	203.78	0.31
28.60	0.00	52,452	203.77	0.31
28.70	0.00	52,340	203.77	0.31
28.80	0.00	52,227	203.76	0.31
28.90	0.00	52,115	203.75	0.31
29.00	0.00	52,003	203.75	0.31
29.10	0.00	51,891	203.74	0.31
29.20	0.00	51,780	203.73	0.31
29.30	0.00	51,668	203.73	0.31
29.40	0.00	51,556	203.72	0.31
29.50	0.00	51,444	203.71	0.31
29.60	0.00	51,333	203.70	0.31
29.70	0.00	51,222	203.70	0.31
29.80	0.00	51,110	203.69	0.31
29.90	0.00	50,999	203.68	0.31
30.00	0.00	50,888	203.68	0.31
30.10	0.00	50,777	203.67	0.31
30.20	0.00	50,666	203.66	0.31
30.30	0.00	50,555	203.66	0.31
30.40	0.00	50,444	203.65	0.31
30.50	0.00	50,333	203.64	0.31
30.60	0.00	50,223	203.64	0.31
30.70	0.00	50,112	203.63	0.31
30.80	0.00	50,002	203.62	0.31
30.90	0.00	49,891	203.62	0.31
31.00	0.00	49,781	203.61	0.31
31.10	0.00	49,671	203.60	0.31

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	49,561	203.59	0.31
31.30	0.00	49,451	203.59	0.31
31.40	0.00	49,341	203.58	0.31
31.50	0.00	49,232	203.57	0.30
31.60	0.00	49,122	203.57	0.30
31.70	0.00	49,013	203.56	0.30
31.80	0.00	48,903	203.55	0.30
31.90	0.00	48,794	203.55	0.30
32.00	0.00	48,685	203.54	0.30
32.10	0.00	48,576	203.53	0.30
32.20	0.00	48,467	203.53	0.30
32.30	0.00	48,358	203.52	0.30
32.40	0.00	48,249	203.51	0.30
32.50	0.00	48,140	203.51	0.30
32.60	0.00	48,032	203.50	0.30
32.70	0.00	47,923	203.49	0.30
32.80	0.00	47,815	203.49	0.30
32.90	0.00	47,707	203.48	0.30
33.00	0.00	47,599	203.47	0.30
33.10	0.00	47,491	203.46	0.30
33.20	0.00	47,383	203.46	0.30
33.30	0.00	47,275	203.45	0.30
33.40	0.00	47,167	203.44	0.30
33.50	0.00	47,060	203.44	0.30
33.60	0.00	46,952	203.43	0.30
33.70	0.00	46,845	203.42	0.30
33.80	0.00	46,737	203.42	0.30
33.90	0.00	46,630	203.41	0.30
34.00	0.00	46,523	203.40	0.30
34.10	0.00	46,416	203.40	0.30
34.20	0.00	46,310	203.39	0.30
34.30	0.00	46,203	203.38	0.30
34.40	0.00	46,096	203.38	0.30
34.50	0.00	45,990	203.37	0.30
34.60	0.00	45,883	203.36	0.30
34.70	0.00	45,777	203.36	0.30
34.80	0.00	45,671	203.35	0.29
34.90	0.00	45,565	203.34	0.29
35.00	0.00	45,459	203.34	0.29
35.10	0.00	45,353	203.33	0.29
35.20	0.00	45,247	203.32	0.29
35.30	0.00	45,142	203.32	0.29
35.40	0.00	45,036	203.31	0.29
35.50	0.00	44,931	203.30	0.29
35.60	0.00	44,826	203.30	0.29
35.70	0.00	44,720	203.29	0.29
35.80	0.00	44,615	203.28	0.29
35.90	0.00	44,510	203.28	0.29
36.00	0.00	44,406	203.27	0.29
36.10	0.00	44,301	203.26	0.29
36.20	0.00	44,196	203.26	0.29
36.30	0.00	44,092	203.25	0.29

Hydrograph for Pond B-5: Basin #5 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	43,987	203.24	0.29
36.50	0.00	43,883	203.24	0.29
36.60	0.00	43,779	203.23	0.29
36.70	0.00	43,675	203.22	0.29
36.80	0.00	43,571	203.22	0.29
36.90	0.00	43,467	203.21	0.29
37.00	0.00	43,363	203.20	0.29
37.10	0.00	43,260	203.20	0.29
37.20	0.00	43,156	203.19	0.29
37.30	0.00	43,053	203.18	0.29
37.40	0.00	42,950	203.18	0.29
37.50	0.00	42,846	203.17	0.29
37.60	0.00	42,743	203.16	0.29
37.70	0.00	42,640	203.16	0.29
37.80	0.00	42,538	203.15	0.29
37.90	0.00	42,435	203.14	0.29
38.00	0.00	42,332	203.14	0.28
38.10	0.00	42,230	203.13	0.28
38.20	0.00	42,128	203.12	0.28
38.30	0.00	42,025	203.12	0.28
38.40	0.00	41,923	203.11	0.28
38.50	0.00	41,821	203.10	0.28
38.60	0.00	41,719	203.10	0.28
38.70	0.00	41,617	203.09	0.28
38.80	0.00	41,516	203.08	0.28
38.90	0.00	41,414	203.08	0.28
39.00	0.00	41,313	203.07	0.28
39.10	0.00	41,211	203.06	0.28
39.20	0.00	41,110	203.06	0.28
39.30	0.00	41,009	203.05	0.28
39.40	0.00	40,908	203.04	0.28
39.50	0.00	40,807	203.04	0.28
39.60	0.00	40,706	203.03	0.28
39.70	0.00	40,606	203.02	0.28
39.80	0.00	40,505	203.02	0.28
39.90	0.00	40,405	203.01	0.28
40.00	0.00	40,304	203.00	0.28

Stage-Discharge for Pond B-5: Basin #5

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
200.00	0.00	200.52	0.10	201.04	0.16	201.56	0.20
200.01	0.00	200.53	0.10	201.05	0.16	201.57	0.20
200.02	0.00	200.54	0.11	201.06	0.16	201.58	0.20
200.03	0.00	200.55	0.11	201.07	0.16	201.59	0.20
200.04	0.00	200.56	0.11	201.08	0.16	201.60	0.20
200.05	0.00	200.57	0.11	201.09	0.16	201.61	0.20
200.06	0.00	200.58	0.11	201.10	0.16	201.62	0.20
200.07	0.00	200.59	0.11	201.11	0.16	201.63	0.20
200.08	0.01	200.60	0.11	201.12	0.16	201.64	0.20
200.09	0.01	200.61	0.11	201.13	0.16	201.65	0.20
200.10	0.01	200.62	0.12	201.14	0.17	201.66	0.20
200.11	0.01	200.63	0.12	201.15	0.17	201.67	0.20
200.12	0.02	200.64	0.12	201.16	0.17	201.68	0.20
200.13	0.02	200.65	0.12	201.17	0.17	201.69	0.21
200.14	0.02	200.66	0.12	201.18	0.17	201.70	0.21
200.15	0.03	200.67	0.12	201.19	0.17	201.71	0.21
200.16	0.03	200.68	0.12	201.20	0.17	201.72	0.21
200.17	0.03	200.69	0.12	201.21	0.17	201.73	0.21
200.18	0.04	200.70	0.12	201.22	0.17	201.74	0.21
200.19	0.04	200.71	0.13	201.23	0.17	201.75	0.21
200.20	0.05	200.72	0.13	201.24	0.17	201.76	0.21
200.21	0.05	200.73	0.13	201.25	0.17	201.77	0.21
200.22	0.05	200.74	0.13	201.26	0.17	201.78	0.21
200.23	0.05	200.75	0.13	201.27	0.18	201.79	0.21
200.24	0.06	200.76	0.13	201.28	0.18	201.80	0.21
200.25	0.06	200.77	0.13	201.29	0.18	201.81	0.21
200.26	0.06	200.78	0.13	201.30	0.18	201.82	0.21
200.27	0.06	200.79	0.13	201.31	0.18	201.83	0.21
200.28	0.06	200.80	0.13	201.32	0.18	201.84	0.22
200.29	0.07	200.81	0.14	201.33	0.18	201.85	0.22
200.30	0.07	200.82	0.14	201.34	0.18	201.86	0.22
200.31	0.07	200.83	0.14	201.35	0.18	201.87	0.22
200.32	0.07	200.84	0.14	201.36	0.18	201.88	0.22
200.33	0.07	200.85	0.14	201.37	0.18	201.89	0.22
200.34	0.08	200.86	0.14	201.38	0.18	201.90	0.22
200.35	0.08	200.87	0.14	201.39	0.18	201.91	0.22
200.36	0.08	200.88	0.14	201.40	0.19	201.92	0.22
200.37	0.08	200.89	0.14	201.41	0.19	201.93	0.22
200.38	0.08	200.90	0.14	201.42	0.19	201.94	0.22
200.39	0.08	200.91	0.15	201.43	0.19	201.95	0.22
200.40	0.09	200.92	0.15	201.44	0.19	201.96	0.22
200.41	0.09	200.93	0.15	201.45	0.19	201.97	0.22
200.42	0.09	200.94	0.15	201.46	0.19	201.98	0.22
200.43	0.09	200.95	0.15	201.47	0.19	201.99	0.22
200.44	0.09	200.96	0.15	201.48	0.19	202.00	0.22
200.45	0.09	200.97	0.15	201.49	0.19	202.01	0.23
200.46	0.10	200.98	0.15	201.50	0.19	202.02	0.23
200.47	0.10	200.99	0.15	201.51	0.19	202.03	0.23
200.48	0.10	201.00	0.15	201.52	0.19	202.04	0.23
200.49	0.10	201.01	0.15	201.53	0.19	202.05	0.23
200.50	0.10	201.02	0.16	201.54	0.20	202.06	0.23
200.51	0.10	201.03	0.16	201.55	0.20	202.07	0.23

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.08	0.23	202.60	0.26	203.12	0.28	203.64	0.31
202.09	0.23	202.61	0.26	203.13	0.28	203.65	0.31
202.10	0.23	202.62	0.26	203.14	0.29	203.66	0.31
202.11	0.23	202.63	0.26	203.15	0.29	203.67	0.31
202.12	0.23	202.64	0.26	203.16	0.29	203.68	0.31
202.13	0.23	202.65	0.26	203.17	0.29	203.69	0.31
202.14	0.23	202.66	0.26	203.18	0.29	203.70	0.31
202.15	0.23	202.67	0.26	203.19	0.29	203.71	0.31
202.16	0.23	202.68	0.26	203.20	0.29	203.72	0.31
202.17	0.23	202.69	0.26	203.21	0.29	203.73	0.31
202.18	0.24	202.70	0.26	203.22	0.29	203.74	0.31
202.19	0.24	202.71	0.26	203.23	0.29	203.75	0.31
202.20	0.24	202.72	0.26	203.24	0.29	203.76	0.31
202.21	0.24	202.73	0.26	203.25	0.29	203.77	0.31
202.22	0.24	202.74	0.27	203.26	0.29	203.78	0.31
202.23	0.24	202.75	0.27	203.27	0.29	203.79	0.31
202.24	0.24	202.76	0.27	203.28	0.29	203.80	0.31
202.25	0.24	202.77	0.27	203.29	0.29	203.81	0.32
202.26	0.24	202.78	0.27	203.30	0.29	203.82	0.32
202.27	0.24	202.79	0.27	203.31	0.29	203.83	0.32
202.28	0.24	202.80	0.27	203.32	0.29	203.84	0.32
202.29	0.24	202.81	0.27	203.33	0.29	203.85	0.32
202.30	0.24	202.82	0.27	203.34	0.29	203.86	0.32
202.31	0.24	202.83	0.27	203.35	0.29	203.87	0.32
202.32	0.24	202.84	0.27	203.36	0.30	203.88	0.32
202.33	0.24	202.85	0.27	203.37	0.30	203.89	0.32
202.34	0.24	202.86	0.27	203.38	0.30	203.90	0.32
202.35	0.24	202.87	0.27	203.39	0.30	203.91	0.32
202.36	0.25	202.88	0.27	203.40	0.30	203.92	0.32
202.37	0.25	202.89	0.27	203.41	0.30	203.93	0.32
202.38	0.25	202.90	0.27	203.42	0.30	203.94	0.32
202.39	0.25	202.91	0.27	203.43	0.30	203.95	0.32
202.40	0.25	202.92	0.27	203.44	0.30	203.96	0.32
202.41	0.25	202.93	0.27	203.45	0.30	203.97	0.32
202.42	0.25	202.94	0.28	203.46	0.30	203.98	0.32
202.43	0.25	202.95	0.28	203.47	0.30	203.99	0.32
202.44	0.25	202.96	0.28	203.48	0.30	204.00	0.32
202.45	0.25	202.97	0.28	203.49	0.30	204.01	0.34
202.46	0.25	202.98	0.28	203.50	0.30	204.02	0.36
202.47	0.25	202.99	0.28	203.51	0.30	204.03	0.39
202.48	0.25	203.00	0.28	203.52	0.30	204.04	0.43
202.49	0.25	203.01	0.28	203.53	0.30	204.05	0.47
202.50	0.25	203.02	0.28	203.54	0.30	204.06	0.52
202.51	0.25	203.03	0.28	203.55	0.30	204.07	0.57
202.52	0.25	203.04	0.28	203.56	0.30	204.08	0.62
202.53	0.25	203.05	0.28	203.57	0.30	204.09	0.68
202.54	0.26	203.06	0.28	203.58	0.31	204.10	0.74
202.55	0.26	203.07	0.28	203.59	0.31	204.11	0.80
202.56	0.26	203.08	0.28	203.60	0.31	204.12	0.87
202.57	0.26	203.09	0.28	203.61	0.31	204.13	0.94
202.58	0.26	203.10	0.28	203.62	0.31	204.14	1.01
202.59	0.26	203.11	0.28	203.63	0.31	204.15	1.08

Stage-Discharge for Pond B-5: Basin #5 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.16	1.16	204.68	7.44	205.20	27.10	205.72	106.34
204.17	1.24	204.69	7.59	205.21	28.14	205.73	108.14
204.18	1.32	204.70	7.74	205.22	29.21	205.74	109.95
204.19	1.40	204.71	7.90	205.23	30.30	205.75	111.78
204.20	1.49	204.72	8.06	205.24	31.42	205.76	113.62
204.21	1.58	204.73	8.21	205.25	32.56	205.77	115.47
204.22	1.67	204.74	8.37	205.26	33.73	205.78	117.33
204.23	1.76	204.75	8.53	205.27	34.93	205.79	119.20
204.24	1.85	204.76	8.69	205.28	36.15	205.80	121.09
204.25	1.95	204.77	8.85	205.29	37.40	205.81	123.03
204.26	2.05	204.78	9.01	205.30	38.67	205.82	124.98
204.27	2.14	204.79	9.18	205.31	39.97	205.83	126.94
204.28	2.25	204.80	9.34	205.32	41.29	205.84	128.92
204.29	2.35	204.81	9.50	205.33	42.64	205.85	130.90
204.30	2.45	204.82	9.67	205.34	44.01	205.86	132.91
204.31	2.56	204.83	9.84	205.35	45.40	205.87	134.92
204.32	2.67	204.84	10.00	205.36	46.83	205.88	136.95
204.33	2.78	204.85	10.17	205.37	48.27	205.89	138.99
204.34	2.89	204.86	10.34	205.38	49.74	205.90	141.05
204.35	3.00	204.87	10.51	205.39	51.24	205.91	143.11
204.36	3.11	204.88	10.68	205.40	52.76	205.92	145.19
204.37	3.23	204.89	10.85	205.41	54.33	205.93	147.29
204.38	3.34	204.90	11.02	205.42	55.86	205.94	149.39
204.39	3.46	204.91	11.20	205.43	57.30	205.95	151.51
204.40	3.58	204.92	11.37	205.44	58.76	205.96	153.64
204.41	3.70	204.93	11.55	205.45	60.25	205.97	155.79
204.42	3.83	204.94	11.72	205.46	61.76	205.98	157.94
204.43	3.95	204.95	11.90	205.47	63.30	205.99	160.11
204.44	4.07	204.96	12.07	205.48	64.87	206.00	162.29
204.45	4.20	204.97	12.25	205.49	66.46		
204.46	4.33	204.98	12.43	205.50	68.08		
204.47	4.46	204.99	12.61	205.51	69.73		
204.48	4.59	205.00	12.79	205.52	71.40		
204.49	4.72	205.01	13.09	205.53	73.10		
204.50	4.85	205.02	13.48	205.54	74.82		
204.51	4.99	205.03	13.94	205.55	76.57		
204.52	5.12	205.04	14.45	205.56	78.35		
204.53	5.26	205.05	15.01	205.57	80.16		
204.54	5.40	205.06	15.61	205.58	81.99		
204.55	5.53	205.07	16.24	205.59	83.85		
204.56	5.67	205.08	16.91	205.60	85.74		
204.57	5.81	205.09	17.61	205.61	87.38		
204.58	5.96	205.10	18.34	205.62	89.04		
204.59	6.10	205.11	19.11	205.63	90.71		
204.60	6.24	205.12	19.89	205.64	92.39		
204.61	6.39	205.13	20.71	205.65	94.09		
204.62	6.54	205.14	21.55	205.66	95.80		
204.63	6.68	205.15	22.42	205.67	97.53		
204.64	6.83	205.16	23.31	205.68	99.26		
204.65	6.98	205.17	24.22	205.69	101.01		
204.66	7.13	205.18	25.16	205.70	102.78		
204.67	7.28	205.19	26.12	205.71	104.55		

Stage-Area-Storage for Pond B-5: Basin #5

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.00	11,631	0	200.52	12,238	6,206
200.01	11,643	116	200.53	12,250	6,328
200.02	11,654	233	200.54	12,261	6,451
200.03	11,666	349	200.55	12,273	6,574
200.04	11,678	466	200.56	12,285	6,696
200.05	11,689	583	200.57	12,296	6,819
200.06	11,701	700	200.58	12,308	6,942
200.07	11,713	817	200.59	12,320	7,065
200.08	11,724	934	200.60	12,331	7,189
200.09	11,736	1,052	200.61	12,343	7,312
200.10	11,748	1,169	200.62	12,355	7,436
200.11	11,759	1,286	200.63	12,366	7,559
200.12	11,771	1,404	200.64	12,378	7,683
200.13	11,783	1,522	200.65	12,390	7,807
200.14	11,794	1,640	200.66	12,401	7,931
200.15	11,806	1,758	200.67	12,413	8,055
200.16	11,818	1,876	200.68	12,425	8,179
200.17	11,829	1,994	200.69	12,436	8,303
200.18	11,841	2,112	200.70	12,448	8,428
200.19	11,853	2,231	200.71	12,460	8,552
200.20	11,864	2,350	200.72	12,471	8,677
200.21	11,876	2,468	200.73	12,483	8,802
200.22	11,888	2,587	200.74	12,495	8,926
200.23	11,899	2,706	200.75	12,506	9,051
200.24	11,911	2,825	200.76	12,518	9,177
200.25	11,923	2,944	200.77	12,530	9,302
200.26	11,934	3,064	200.78	12,541	9,427
200.27	11,946	3,183	200.79	12,553	9,553
200.28	11,958	3,302	200.80	12,565	9,678
200.29	11,969	3,422	200.81	12,576	9,804
200.30	11,981	3,542	200.82	12,588	9,930
200.31	11,993	3,662	200.83	12,600	10,056
200.32	12,004	3,782	200.84	12,611	10,182
200.33	12,016	3,902	200.85	12,623	10,308
200.34	12,028	4,022	200.86	12,635	10,434
200.35	12,039	4,142	200.87	12,646	10,561
200.36	12,051	4,263	200.88	12,658	10,687
200.37	12,063	4,383	200.89	12,670	10,814
200.38	12,074	4,504	200.90	12,681	10,941
200.39	12,086	4,625	200.91	12,693	11,067
200.40	12,098	4,746	200.92	12,705	11,194
200.41	12,109	4,867	200.93	12,716	11,321
200.42	12,121	4,988	200.94	12,728	11,449
200.43	12,133	5,109	200.95	12,740	11,576
200.44	12,144	5,231	200.96	12,751	11,704
200.45	12,156	5,352	200.97	12,763	11,831
200.46	12,168	5,474	200.98	12,775	11,959
200.47	12,179	5,595	200.99	12,786	12,087
200.48	12,191	5,717	201.00	12,798	12,215
200.49	12,203	5,839	201.01	12,810	12,343
200.50	12,215	5,961	201.02	12,822	12,471
200.51	12,226	6,084	201.03	12,834	12,599

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.04	12,846	12,727	201.56	13,476	19,571
201.05	12,859	12,856	201.57	13,488	19,706
201.06	12,871	12,985	201.58	13,500	19,841
201.07	12,883	13,113	201.59	13,512	19,976
201.08	12,895	13,242	201.60	13,525	20,111
201.09	12,907	13,371	201.61	13,537	20,247
201.10	12,919	13,500	201.62	13,549	20,382
201.11	12,931	13,630	201.63	13,561	20,518
201.12	12,943	13,759	201.64	13,573	20,653
201.13	12,955	13,888	201.65	13,585	20,789
201.14	12,968	14,018	201.66	13,597	20,925
201.15	12,980	14,148	201.67	13,609	21,061
201.16	12,992	14,278	201.68	13,621	21,197
201.17	13,004	14,408	201.69	13,634	21,333
201.18	13,016	14,538	201.70	13,646	21,470
201.19	13,028	14,668	201.71	13,658	21,606
201.20	13,040	14,798	201.72	13,670	21,743
201.21	13,052	14,929	201.73	13,682	21,880
201.22	13,064	15,059	201.74	13,694	22,017
201.23	13,077	15,190	201.75	13,706	22,154
201.24	13,089	15,321	201.76	13,718	22,291
201.25	13,101	15,452	201.77	13,730	22,428
201.26	13,113	15,583	201.78	13,743	22,565
201.27	13,125	15,714	201.79	13,755	22,703
201.28	13,137	15,845	201.80	13,767	22,840
201.29	13,149	15,977	201.81	13,779	22,978
201.30	13,161	16,108	201.82	13,791	23,116
201.31	13,173	16,240	201.83	13,803	23,254
201.32	13,186	16,372	201.84	13,815	23,392
201.33	13,198	16,504	201.85	13,827	23,530
201.34	13,210	16,636	201.86	13,839	23,669
201.35	13,222	16,768	201.87	13,852	23,807
201.36	13,234	16,900	201.88	13,864	23,946
201.37	13,246	17,033	201.89	13,876	24,084
201.38	13,258	17,165	201.90	13,888	24,223
201.39	13,270	17,298	201.91	13,900	24,362
201.40	13,282	17,431	201.92	13,912	24,501
201.41	13,295	17,563	201.93	13,924	24,640
201.42	13,307	17,696	201.94	13,936	24,780
201.43	13,319	17,830	201.95	13,948	24,919
201.44	13,331	17,963	201.96	13,961	25,059
201.45	13,343	18,096	201.97	13,973	25,198
201.46	13,355	18,230	201.98	13,985	25,338
201.47	13,367	18,363	201.99	13,997	25,478
201.48	13,379	18,497	202.00	14,009	25,618
201.49	13,391	18,631	202.01	14,022	25,758
201.50	13,404	18,765	202.02	14,034	25,898
201.51	13,416	18,899	202.03	14,047	26,039
201.52	13,428	19,033	202.04	14,059	26,179
201.53	13,440	19,168	202.05	14,072	26,320
201.54	13,452	19,302	202.06	14,084	26,461
201.55	13,464	19,437	202.07	14,097	26,602

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.08	14,109	26,743	202.60	14,761	34,249
202.09	14,122	26,884	202.61	14,773	34,397
202.10	14,134	27,025	202.62	14,786	34,544
202.11	14,147	27,167	202.63	14,798	34,692
202.12	14,159	27,308	202.64	14,811	34,840
202.13	14,172	27,450	202.65	14,823	34,989
202.14	14,184	27,592	202.66	14,836	35,137
202.15	14,197	27,733	202.67	14,849	35,285
202.16	14,209	27,875	202.68	14,861	35,434
202.17	14,222	28,018	202.69	14,874	35,582
202.18	14,235	28,160	202.70	14,886	35,731
202.19	14,247	28,302	202.71	14,899	35,880
202.20	14,260	28,445	202.72	14,911	36,029
202.21	14,272	28,588	202.73	14,924	36,178
202.22	14,285	28,730	202.74	14,936	36,328
202.23	14,297	28,873	202.75	14,949	36,477
202.24	14,310	29,016	202.76	14,961	36,627
202.25	14,322	29,159	202.77	14,974	36,776
202.26	14,335	29,303	202.78	14,986	36,926
202.27	14,347	29,446	202.79	14,999	37,076
202.28	14,360	29,590	202.80	15,011	37,226
202.29	14,372	29,733	202.81	15,024	37,376
202.30	14,385	29,877	202.82	15,036	37,527
202.31	14,397	30,021	202.83	15,049	37,677
202.32	14,410	30,165	202.84	15,062	37,828
202.33	14,422	30,309	202.85	15,074	37,978
202.34	14,435	30,453	202.86	15,087	38,129
202.35	14,448	30,598	202.87	15,099	38,280
202.36	14,460	30,742	202.88	15,112	38,431
202.37	14,473	30,887	202.89	15,124	38,582
202.38	14,485	31,032	202.90	15,137	38,734
202.39	14,498	31,177	202.91	15,149	38,885
202.40	14,510	31,322	202.92	15,162	39,037
202.41	14,523	31,467	202.93	15,174	39,188
202.42	14,535	31,612	202.94	15,187	39,340
202.43	14,548	31,758	202.95	15,199	39,492
202.44	14,560	31,903	202.96	15,212	39,644
202.45	14,573	32,049	202.97	15,224	39,796
202.46	14,585	32,195	202.98	15,237	39,949
202.47	14,598	32,341	202.99	15,249	40,101
202.48	14,610	32,487	203.00	15,262	40,254
202.49	14,623	32,633	203.01	15,275	40,406
202.50	14,636	32,779	203.02	15,288	40,559
202.51	14,648	32,926	203.03	15,301	40,712
202.52	14,661	33,072	203.04	15,314	40,865
202.53	14,673	33,219	203.05	15,327	41,018
202.54	14,686	33,366	203.06	15,340	41,172
202.55	14,698	33,512	203.07	15,353	41,325
202.56	14,711	33,660	203.08	15,366	41,479
202.57	14,723	33,807	203.09	15,379	41,632
202.58	14,736	33,954	203.10	15,392	41,786
202.59	14,748	34,101	203.11	15,405	41,940

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.12	15,418	42,094	203.64	16,091	50,287
203.13	15,430	42,249	203.65	16,104	50,448
203.14	15,443	42,403	203.66	16,117	50,609
203.15	15,456	42,557	203.67	16,130	50,770
203.16	15,469	42,712	203.68	16,143	50,931
203.17	15,482	42,867	203.69	16,156	51,093
203.18	15,495	43,022	203.70	16,169	51,254
203.19	15,508	43,177	203.71	16,182	51,416
203.20	15,521	43,332	203.72	16,195	51,578
203.21	15,534	43,487	203.73	16,208	51,740
203.22	15,547	43,643	203.74	16,221	51,902
203.23	15,560	43,798	203.75	16,234	52,065
203.24	15,573	43,954	203.76	16,247	52,227
203.25	15,586	44,110	203.77	16,260	52,389
203.26	15,599	44,265	203.78	16,273	52,552
203.27	15,612	44,421	203.79	16,286	52,715
203.28	15,625	44,578	203.80	16,299	52,878
203.29	15,638	44,734	203.81	16,312	53,041
203.30	15,651	44,890	203.82	16,325	53,204
203.31	15,664	45,047	203.83	16,338	53,367
203.32	15,677	45,204	203.84	16,351	53,531
203.33	15,690	45,361	203.85	16,364	53,694
203.34	15,703	45,517	203.86	16,377	53,858
203.35	15,716	45,675	203.87	16,390	54,022
203.36	15,729	45,832	203.88	16,402	54,186
203.37	15,742	45,989	203.89	16,415	54,350
203.38	15,754	46,147	203.90	16,428	54,514
203.39	15,767	46,304	203.91	16,441	54,679
203.40	15,780	46,462	203.92	16,454	54,843
203.41	15,793	46,620	203.93	16,467	55,008
203.42	15,806	46,778	203.94	16,480	55,172
203.43	15,819	46,936	203.95	16,493	55,337
203.44	15,832	47,094	203.96	16,506	55,502
203.45	15,845	47,253	203.97	16,519	55,667
203.46	15,858	47,411	203.98	16,532	55,833
203.47	15,871	47,570	203.99	16,545	55,998
203.48	15,884	47,729	204.00	16,558	56,164
203.49	15,897	47,887	204.01	16,571	56,329
203.50	15,910	48,047	204.02	16,585	56,495
203.51	15,923	48,206	204.03	16,598	56,661
203.52	15,936	48,365	204.04	16,612	56,827
203.53	15,949	48,524	204.05	16,625	56,993
203.54	15,962	48,684	204.06	16,638	57,159
203.55	15,975	48,844	204.07	16,652	57,326
203.56	15,988	49,003	204.08	16,665	57,492
203.57	16,001	49,163	204.09	16,678	57,659
203.58	16,014	49,323	204.10	16,692	57,826
203.59	16,027	49,484	204.11	16,705	57,993
203.60	16,040	49,644	204.12	16,719	58,160
203.61	16,053	49,804	204.13	16,732	58,327
203.62	16,066	49,965	204.14	16,745	58,495
203.63	16,078	50,126	204.15	16,759	58,662

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.16	16,772	58,830	204.68	17,468	67,732
204.17	16,785	58,998	204.69	17,481	67,907
204.18	16,799	59,166	204.70	17,495	68,082
204.19	16,812	59,334	204.71	17,508	68,257
204.20	16,826	59,502	204.72	17,521	68,432
204.21	16,839	59,670	204.73	17,535	68,607
204.22	16,852	59,839	204.74	17,548	68,783
204.23	16,866	60,007	204.75	17,562	68,958
204.24	16,879	60,176	204.76	17,575	69,134
204.25	16,893	60,345	204.77	17,588	69,310
204.26	16,906	60,514	204.78	17,602	69,486
204.27	16,919	60,683	204.79	17,615	69,662
204.28	16,933	60,852	204.80	17,628	69,838
204.29	16,946	61,022	204.81	17,642	70,014
204.30	16,959	61,191	204.82	17,655	70,191
204.31	16,973	61,361	204.83	17,669	70,368
204.32	16,986	61,531	204.84	17,682	70,544
204.33	17,000	61,700	204.85	17,695	70,721
204.34	17,013	61,871	204.86	17,709	70,898
204.35	17,026	62,041	204.87	17,722	71,075
204.36	17,040	62,211	204.88	17,735	71,253
204.37	17,053	62,382	204.89	17,749	71,430
204.38	17,066	62,552	204.90	17,762	71,608
204.39	17,080	62,723	204.91	17,776	71,785
204.40	17,093	62,894	204.92	17,789	71,963
204.41	17,107	63,065	204.93	17,802	72,141
204.42	17,120	63,236	204.94	17,816	72,319
204.43	17,133	63,407	204.95	17,829	72,497
204.44	17,147	63,579	204.96	17,842	72,676
204.45	17,160	63,750	204.97	17,856	72,854
204.46	17,173	63,922	204.98	17,869	73,033
204.47	17,187	64,094	204.99	17,883	73,212
204.48	17,200	64,265	205.00	17,896	73,391
204.49	17,214	64,438	205.01	17,910	73,570
204.50	17,227	64,610	205.02	17,924	73,749
204.51	17,240	64,782	205.03	17,937	73,928
204.52	17,254	64,955	205.04	17,951	74,107
204.53	17,267	65,127	205.05	17,965	74,287
204.54	17,281	65,300	205.06	17,979	74,467
204.55	17,294	65,473	205.07	17,993	74,647
204.56	17,307	65,646	205.08	18,006	74,827
204.57	17,321	65,819	205.09	18,020	75,007
204.58	17,334	65,992	205.10	18,034	75,187
204.59	17,347	66,166	205.11	18,048	75,367
204.60	17,361	66,339	205.12	18,061	75,548
204.61	17,374	66,513	205.13	18,075	75,729
204.62	17,388	66,687	205.14	18,089	75,909
204.63	17,401	66,861	205.15	18,103	76,090
204.64	17,414	67,035	205.16	18,117	76,272
204.65	17,428	67,209	205.17	18,130	76,453
204.66	17,441	67,383	205.18	18,144	76,634
204.67	17,454	67,558	205.19	18,158	76,816

Stage-Area-Storage for Pond B-5: Basin #5 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.20	18,172	76,997	205.72	18,889	86,633
205.21	18,186	77,179	205.73	18,903	86,822
205.22	18,199	77,361	205.74	18,916	87,011
205.23	18,213	77,543	205.75	18,930	87,200
205.24	18,227	77,725	205.76	18,944	87,390
205.25	18,241	77,908	205.77	18,958	87,579
205.26	18,255	78,090	205.78	18,972	87,769
205.27	18,268	78,273	205.79	18,985	87,959
205.28	18,282	78,455	205.80	18,999	88,149
205.29	18,296	78,638	205.81	19,013	88,339
205.30	18,310	78,821	205.82	19,027	88,529
205.31	18,323	79,005	205.83	19,041	88,719
205.32	18,337	79,188	205.84	19,054	88,910
205.33	18,351	79,371	205.85	19,068	89,100
205.34	18,365	79,555	205.86	19,082	89,291
205.35	18,379	79,739	205.87	19,096	89,482
205.36	18,392	79,922	205.88	19,110	89,673
205.37	18,406	80,106	205.89	19,123	89,864
205.38	18,420	80,291	205.90	19,137	90,055
205.39	18,434	80,475	205.91	19,151	90,247
205.40	18,448	80,659	205.92	19,165	90,438
205.41	18,461	80,844	205.93	19,178	90,630
205.42	18,475	81,028	205.94	19,192	90,822
205.43	18,489	81,213	205.95	19,206	91,014
205.44	18,503	81,398	205.96	19,220	91,206
205.45	18,517	81,583	205.97	19,234	91,398
205.46	18,530	81,769	205.98	19,247	91,591
205.47	18,544	81,954	205.99	19,261	91,783
205.48	18,558	82,139	206.00	19,275	91,976
205.49	18,572	82,325			
205.50	18,586	82,511			
205.51	18,599	82,697			
205.52	18,613	82,883			
205.53	18,627	83,069			
205.54	18,641	83,255			
205.55	18,654	83,442			
205.56	18,668	83,628			
205.57	18,682	83,815			
205.58	18,696	84,002			
205.59	18,710	84,189			
205.60	18,723	84,376			
205.61	18,737	84,564			
205.62	18,751	84,751			
205.63	18,765	84,939			
205.64	18,779	85,126			
205.65	18,792	85,314			
205.66	18,806	85,502			
205.67	18,820	85,690			
205.68	18,834	85,879			
205.69	18,848	86,067			
205.70	18,861	86,256			
205.71	18,875	86,444			

Summary for Pond B-6: Basin #6

Inflow Area = 1.191 ac, 58.27% Impervious, Inflow Depth = 9.51" for Future 100 yr event
 Inflow = 11.16 cfs @ 12.17 hrs, Volume= 0.944 af
 Outflow = 0.75 cfs @ 13.56 hrs, Volume= 0.696 af, Atten= 93%, Lag= 83.4 min
 Primary = 0.75 cfs @ 13.56 hrs, Volume= 0.696 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.10' @ 13.56 hrs Surf.Area= 8,329 sf Storage= 27,997 cf

Plug-Flow detention time= 729.2 min calculated for 0.695 af (74% of inflow)
 Center-of-Mass det. time= 637.6 min (1,402.5 - 764.9)

Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	35,769 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,389	0	0
200.00	6,060	5,725	5,725
201.00	6,761	6,411	12,135
202.00	7,490	7,126	19,261
203.00	8,247	7,869	27,129
204.00	9,032	8,640	35,769

Device	Routing	Invert	Outlet Devices
#1	Primary	197.65'	18.0" Round Culvert L= 627.0' Ke= 0.500 Inlet / Outlet Invert= 197.65' / 194.00' S= 0.0058 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	199.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	203.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.75 cfs @ 13.56 hrs HW=203.10' (Free Discharge)

1=Culvert (Passes 0.75 cfs of 10.86 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.31 cfs @ 9.01 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.44 cfs @ 1.06 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

Pond B-6: Basin #6

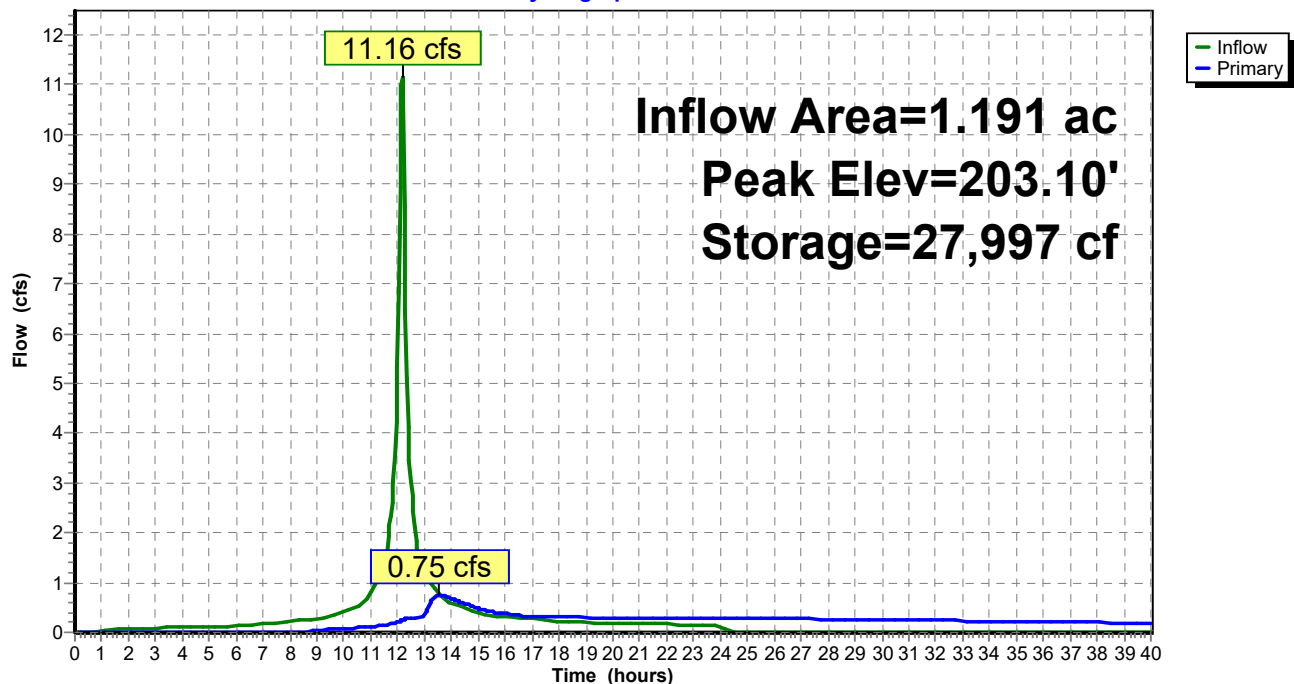
Orifice/Grate

Culvert



Pond B-6: Basin #6

Hydrograph



Hydrograph for Pond B-6: Basin #6

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.01	3	199.00	0.00
0.70	0.02	8	199.00	0.00
0.80	0.02	15	199.00	0.00
0.90	0.03	24	199.00	0.00
1.00	0.03	36	199.01	0.00
1.10	0.04	49	199.01	0.00
1.20	0.04	64	199.01	0.00
1.30	0.05	80	199.01	0.00
1.40	0.05	98	199.02	0.00
1.50	0.05	117	199.02	0.00
1.60	0.06	137	199.03	0.00
1.70	0.06	158	199.03	0.00
1.80	0.06	181	199.03	0.00
1.90	0.07	204	199.04	0.00
2.00	0.07	228	199.04	0.00
2.10	0.07	252	199.05	0.00
2.20	0.07	278	199.05	0.00
2.30	0.07	304	199.06	0.00
2.40	0.08	331	199.06	0.00
2.50	0.08	359	199.07	0.00
2.60	0.08	387	199.07	0.00
2.70	0.08	416	199.08	0.00
2.80	0.08	445	199.08	0.00
2.90	0.08	475	199.09	0.00
3.00	0.09	506	199.09	0.00
3.10	0.09	537	199.10	0.00
3.20	0.09	569	199.10	0.00
3.30	0.09	601	199.11	0.00
3.40	0.09	633	199.12	0.00
3.50	0.09	666	199.12	0.00
3.60	0.09	700	199.13	0.00
3.70	0.09	734	199.14	0.00
3.80	0.10	768	199.14	0.00
3.90	0.10	803	199.15	0.00
4.00	0.10	838	199.15	0.00
4.10	0.10	874	199.16	0.00
4.20	0.10	910	199.17	0.00
4.30	0.10	946	199.17	0.00
4.40	0.10	983	199.18	0.00
4.50	0.10	1,021	199.19	0.00
4.60	0.10	1,058	199.19	0.00
4.70	0.11	1,096	199.20	0.00
4.80	0.11	1,134	199.21	0.00
4.90	0.11	1,173	199.21	0.00
5.00	0.11	1,212	199.22	0.00
5.10	0.11	1,252	199.23	0.00

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,291	199.24	0.00
5.30	0.11	1,332	199.24	0.00
5.40	0.11	1,373	199.25	0.00
5.50	0.12	1,415	199.26	0.00
5.60	0.12	1,457	199.27	0.00
5.70	0.12	1,500	199.27	0.00
5.80	0.12	1,543	199.28	0.00
5.90	0.12	1,588	199.29	0.00
6.00	0.13	1,632	199.30	0.00
6.10	0.13	1,678	199.31	0.00
6.20	0.13	1,725	199.31	0.00
6.30	0.14	1,773	199.32	0.00
6.40	0.14	1,822	199.33	0.00
6.50	0.14	1,873	199.34	0.00
6.60	0.15	1,926	199.35	0.00
6.70	0.15	1,980	199.36	0.00
6.80	0.16	2,036	199.37	0.00
6.90	0.16	2,093	199.38	0.00
7.00	0.17	2,152	199.39	0.00
7.10	0.17	2,212	199.40	0.00
7.20	0.18	2,275	199.41	0.00
7.30	0.18	2,338	199.42	0.00
7.40	0.18	2,404	199.43	0.00
7.50	0.19	2,471	199.45	0.00
7.60	0.19	2,540	199.46	0.00
7.70	0.20	2,611	199.47	0.00
7.80	0.20	2,683	199.48	0.00
7.90	0.21	2,757	199.50	0.00
8.00	0.21	2,833	199.51	0.00
8.10	0.22	2,910	199.52	0.00
8.20	0.22	2,989	199.54	0.00
8.30	0.23	3,069	199.55	0.00
8.40	0.23	3,149	199.56	0.01
8.50	0.24	3,231	199.58	0.01
8.60	0.24	3,312	199.59	0.02
8.70	0.25	3,395	199.61	0.02
8.80	0.25	3,477	199.62	0.02
8.90	0.26	3,560	199.64	0.03
9.00	0.26	3,643	199.65	0.03
9.10	0.27	3,726	199.66	0.04
9.20	0.29	3,811	199.68	0.04
9.30	0.30	3,900	199.69	0.05
9.40	0.32	3,994	199.71	0.05
9.50	0.33	4,091	199.73	0.06
9.60	0.35	4,194	199.74	0.06
9.70	0.37	4,301	199.76	0.07
9.80	0.39	4,412	199.78	0.07
9.90	0.40	4,529	199.80	0.07
10.00	0.42	4,651	199.82	0.08
10.10	0.44	4,777	199.84	0.08
10.20	0.46	4,909	199.86	0.08
10.30	0.48	5,047	199.89	0.09

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.49	5,189	199.91	0.09
10.50	0.51	5,337	199.94	0.09
10.60	0.54	5,491	199.96	0.10
10.70	0.60	5,660	199.99	0.10
10.80	0.66	5,849	200.02	0.11
10.90	0.73	6,059	200.05	0.11
11.00	0.79	6,291	200.09	0.11
11.10	0.87	6,548	200.13	0.12
11.20	0.99	6,838	200.18	0.12
11.30	1.11	7,169	200.24	0.13
11.40	1.24	7,544	200.30	0.14
11.50	1.36	7,962	200.36	0.14
11.60	1.64	8,440	200.44	0.15
11.70	2.16	9,074	200.54	0.16
11.80	2.61	9,866	200.66	0.17
11.90	3.52	10,894	200.81	0.18
12.00	5.31	12,378	201.04	0.20
12.10	8.95	14,815	201.39	0.22
12.20	10.74	18,478	201.89	0.25
12.30	6.46	21,470	202.29	0.27
12.40	4.13	23,240	202.52	0.28
12.50	3.03	24,405	202.66	0.29
12.60	2.45	25,289	202.77	0.29
12.70	1.84	25,947	202.86	0.30
12.80	1.59	26,453	202.92	0.30
12.90	1.43	26,887	202.97	0.30
13.00	1.29	27,262	203.02	0.35
13.10	1.15	27,554	203.05	0.46
13.20	1.03	27,756	203.08	0.59
13.30	0.94	27,883	203.09	0.67
13.40	0.87	27,958	203.10	0.72
13.50	0.79	27,992	203.10	0.75
13.60	0.72	27,995	203.10	0.75
13.70	0.66	27,975	203.10	0.73
13.80	0.63	27,947	203.10	0.71
13.90	0.61	27,917	203.10	0.69
14.00	0.59	27,887	203.09	0.67
14.10	0.57	27,856	203.09	0.65
14.20	0.55	27,826	203.08	0.63
14.30	0.53	27,796	203.08	0.61
14.40	0.51	27,767	203.08	0.60
14.50	0.49	27,737	203.07	0.58
14.60	0.47	27,707	203.07	0.56
14.70	0.46	27,677	203.07	0.54
14.80	0.44	27,648	203.06	0.52
14.90	0.42	27,618	203.06	0.50
15.00	0.40	27,588	203.06	0.48
15.10	0.38	27,559	203.05	0.46
15.20	0.36	27,529	203.05	0.45
15.30	0.35	27,500	203.04	0.44
15.40	0.35	27,471	203.04	0.43
15.50	0.34	27,445	203.04	0.42

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	27,420	203.04	0.41
15.70	0.33	27,396	203.03	0.40
15.80	0.33	27,374	203.03	0.39
15.90	0.32	27,352	203.03	0.38
16.00	0.32	27,331	203.02	0.37
16.10	0.31	27,311	203.02	0.37
16.20	0.31	27,292	203.02	0.36
16.30	0.30	27,274	203.02	0.35
16.40	0.30	27,256	203.02	0.35
16.50	0.29	27,238	203.01	0.34
16.60	0.29	27,221	203.01	0.34
16.70	0.28	27,204	203.01	0.33
16.80	0.28	27,188	203.01	0.32
16.90	0.27	27,172	203.01	0.32
17.00	0.27	27,156	203.00	0.31
17.10	0.26	27,140	203.00	0.31
17.20	0.26	27,124	203.00	0.30
17.30	0.25	27,108	203.00	0.30
17.40	0.25	27,089	203.00	0.30
17.50	0.24	27,068	202.99	0.30
17.60	0.24	27,046	202.99	0.30
17.70	0.23	27,022	202.99	0.30
17.80	0.23	26,996	202.98	0.30
17.90	0.22	26,969	202.98	0.30
18.00	0.22	26,939	202.98	0.30
18.10	0.21	26,908	202.97	0.30
18.20	0.21	26,875	202.97	0.30
18.30	0.21	26,841	202.97	0.30
18.40	0.20	26,807	202.96	0.30
18.50	0.20	26,772	202.96	0.30
18.60	0.20	26,737	202.95	0.30
18.70	0.20	26,701	202.95	0.30
18.80	0.20	26,665	202.94	0.30
18.90	0.20	26,629	202.94	0.30
19.00	0.20	26,592	202.93	0.30
19.10	0.20	26,555	202.93	0.30
19.20	0.19	26,517	202.93	0.30
19.30	0.19	26,479	202.92	0.30
19.40	0.19	26,441	202.92	0.30
19.50	0.19	26,402	202.91	0.30
19.60	0.19	26,363	202.91	0.30
19.70	0.19	26,324	202.90	0.30
19.80	0.19	26,284	202.90	0.30
19.90	0.19	26,244	202.89	0.30
20.00	0.18	26,203	202.89	0.30
20.10	0.18	26,162	202.88	0.30
20.20	0.18	26,121	202.88	0.30
20.30	0.18	26,079	202.87	0.30
20.40	0.18	26,037	202.87	0.30
20.50	0.18	25,995	202.86	0.30
20.60	0.18	25,952	202.86	0.30
20.70	0.18	25,909	202.85	0.30

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	25,865	202.85	0.30
20.90	0.17	25,822	202.84	0.30
21.00	0.17	25,777	202.83	0.30
21.10	0.17	25,732	202.83	0.29
21.20	0.17	25,687	202.82	0.29
21.30	0.17	25,642	202.82	0.29
21.40	0.17	25,596	202.81	0.29
21.50	0.17	25,550	202.81	0.29
21.60	0.16	25,504	202.80	0.29
21.70	0.16	25,457	202.80	0.29
21.80	0.16	25,410	202.79	0.29
21.90	0.16	25,362	202.78	0.29
22.00	0.16	25,314	202.78	0.29
22.10	0.16	25,266	202.77	0.29
22.20	0.16	25,217	202.77	0.29
22.30	0.16	25,169	202.76	0.29
22.40	0.15	25,119	202.75	0.29
22.50	0.15	25,070	202.75	0.29
22.60	0.15	25,019	202.74	0.29
22.70	0.15	24,969	202.73	0.29
22.80	0.15	24,918	202.73	0.29
22.90	0.15	24,867	202.72	0.29
23.00	0.15	24,816	202.72	0.29
23.10	0.15	24,764	202.71	0.29
23.20	0.14	24,712	202.70	0.29
23.30	0.14	24,659	202.70	0.29
23.40	0.14	24,606	202.69	0.29
23.50	0.14	24,553	202.68	0.29
23.60	0.14	24,500	202.68	0.29
23.70	0.14	24,446	202.67	0.29
23.80	0.14	24,391	202.66	0.29
23.90	0.13	24,337	202.66	0.29
24.00	0.14	24,283	202.65	0.29
24.10	0.12	24,229	202.64	0.29
24.20	0.03	24,153	202.63	0.29
24.30	0.01	24,057	202.62	0.29
24.40	0.00	23,956	202.61	0.28
24.50	0.00	23,854	202.60	0.28
24.60	0.00	23,752	202.58	0.28
24.70	0.00	23,650	202.57	0.28
24.80	0.00	23,548	202.56	0.28
24.90	0.00	23,447	202.54	0.28
25.00	0.00	23,346	202.53	0.28
25.10	0.00	23,245	202.52	0.28
25.20	0.00	23,144	202.51	0.28
25.30	0.00	23,043	202.49	0.28
25.40	0.00	22,943	202.48	0.28
25.50	0.00	22,843	202.47	0.28
25.60	0.00	22,743	202.45	0.28
25.70	0.00	22,644	202.44	0.28
25.80	0.00	22,544	202.43	0.28
25.90	0.00	22,445	202.42	0.28

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	22,346	202.40	0.27
26.10	0.00	22,247	202.39	0.27
26.20	0.00	22,149	202.38	0.27
26.30	0.00	22,050	202.37	0.27
26.40	0.00	21,952	202.35	0.27
26.50	0.00	21,854	202.34	0.27
26.60	0.00	21,757	202.33	0.27
26.70	0.00	21,659	202.32	0.27
26.80	0.00	21,562	202.30	0.27
26.90	0.00	21,465	202.29	0.27
27.00	0.00	21,369	202.28	0.27
27.10	0.00	21,272	202.26	0.27
27.20	0.00	21,176	202.25	0.27
27.30	0.00	21,080	202.24	0.27
27.40	0.00	20,984	202.23	0.27
27.50	0.00	20,888	202.21	0.27
27.60	0.00	20,793	202.20	0.26
27.70	0.00	20,698	202.19	0.26
27.80	0.00	20,603	202.18	0.26
27.90	0.00	20,508	202.17	0.26
28.00	0.00	20,414	202.15	0.26
28.10	0.00	20,320	202.14	0.26
28.20	0.00	20,226	202.13	0.26
28.30	0.00	20,132	202.12	0.26
28.40	0.00	20,038	202.10	0.26
28.50	0.00	19,945	202.09	0.26
28.60	0.00	19,852	202.08	0.26
28.70	0.00	19,759	202.07	0.26
28.80	0.00	19,667	202.05	0.26
28.90	0.00	19,574	202.04	0.26
29.00	0.00	19,482	202.03	0.26
29.10	0.00	19,390	202.02	0.25
29.20	0.00	19,298	202.01	0.25
29.30	0.00	19,207	201.99	0.25
29.40	0.00	19,116	201.98	0.25
29.50	0.00	19,025	201.97	0.25
29.60	0.00	18,934	201.96	0.25
29.70	0.00	18,844	201.94	0.25
29.80	0.00	18,753	201.93	0.25
29.90	0.00	18,663	201.92	0.25
30.00	0.00	18,573	201.91	0.25
30.10	0.00	18,484	201.90	0.25
30.20	0.00	18,395	201.88	0.25
30.30	0.00	18,305	201.87	0.25
30.40	0.00	18,217	201.86	0.25
30.50	0.00	18,128	201.85	0.25
30.60	0.00	18,040	201.84	0.25
30.70	0.00	17,951	201.82	0.24
30.80	0.00	17,864	201.81	0.24
30.90	0.00	17,776	201.80	0.24
31.00	0.00	17,688	201.79	0.24
31.10	0.00	17,601	201.78	0.24

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	17,514	201.76	0.24
31.30	0.00	17,428	201.75	0.24
31.40	0.00	17,341	201.74	0.24
31.50	0.00	17,255	201.73	0.24
31.60	0.00	17,169	201.72	0.24
31.70	0.00	17,083	201.71	0.24
31.80	0.00	16,998	201.69	0.24
31.90	0.00	16,912	201.68	0.24
32.00	0.00	16,827	201.67	0.24
32.10	0.00	16,742	201.66	0.24
32.20	0.00	16,658	201.65	0.23
32.30	0.00	16,574	201.63	0.23
32.40	0.00	16,489	201.62	0.23
32.50	0.00	16,406	201.61	0.23
32.60	0.00	16,322	201.60	0.23
32.70	0.00	16,239	201.59	0.23
32.80	0.00	16,156	201.58	0.23
32.90	0.00	16,073	201.57	0.23
33.00	0.00	15,990	201.55	0.23
33.10	0.00	15,908	201.54	0.23
33.20	0.00	15,826	201.53	0.23
33.30	0.00	15,744	201.52	0.23
33.40	0.00	15,662	201.51	0.23
33.50	0.00	15,581	201.50	0.23
33.60	0.00	15,499	201.48	0.23
33.70	0.00	15,419	201.47	0.22
33.80	0.00	15,338	201.46	0.22
33.90	0.00	15,257	201.45	0.22
34.00	0.00	15,177	201.44	0.22
34.10	0.00	15,097	201.43	0.22
34.20	0.00	15,018	201.42	0.22
34.30	0.00	14,938	201.41	0.22
34.40	0.00	14,859	201.39	0.22
34.50	0.00	14,780	201.38	0.22
34.60	0.00	14,701	201.37	0.22
34.70	0.00	14,623	201.36	0.22
34.80	0.00	14,545	201.35	0.22
34.90	0.00	14,467	201.34	0.22
35.00	0.00	14,389	201.33	0.22
35.10	0.00	14,312	201.32	0.21
35.20	0.00	14,235	201.31	0.21
35.30	0.00	14,158	201.29	0.21
35.40	0.00	14,081	201.28	0.21
35.50	0.00	14,004	201.27	0.21
35.60	0.00	13,928	201.26	0.21
35.70	0.00	13,852	201.25	0.21
35.80	0.00	13,777	201.24	0.21
35.90	0.00	13,701	201.23	0.21
36.00	0.00	13,626	201.22	0.21
36.10	0.00	13,551	201.21	0.21
36.20	0.00	13,476	201.20	0.21
36.30	0.00	13,402	201.19	0.21

Hydrograph for Pond B-6: Basin #6 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	13,328	201.17	0.21
36.50	0.00	13,254	201.16	0.20
36.60	0.00	13,180	201.15	0.20
36.70	0.00	13,107	201.14	0.20
36.80	0.00	13,034	201.13	0.20
36.90	0.00	12,961	201.12	0.20
37.00	0.00	12,888	201.11	0.20
37.10	0.00	12,816	201.10	0.20
37.20	0.00	12,743	201.09	0.20
37.30	0.00	12,672	201.08	0.20
37.40	0.00	12,600	201.07	0.20
37.50	0.00	12,529	201.06	0.20
37.60	0.00	12,457	201.05	0.20
37.70	0.00	12,387	201.04	0.20
37.80	0.00	12,316	201.03	0.20
37.90	0.00	12,246	201.02	0.20
38.00	0.00	12,176	201.01	0.19
38.10	0.00	12,106	201.00	0.19
38.20	0.00	12,036	200.99	0.19
38.30	0.00	11,967	200.98	0.19
38.40	0.00	11,898	200.96	0.19
38.50	0.00	11,829	200.95	0.19
38.60	0.00	11,761	200.94	0.19
38.70	0.00	11,692	200.93	0.19
38.80	0.00	11,624	200.92	0.19
38.90	0.00	11,556	200.91	0.19
39.00	0.00	11,489	200.90	0.19
39.10	0.00	11,422	200.89	0.19
39.20	0.00	11,355	200.88	0.19
39.30	0.00	11,288	200.87	0.18
39.40	0.00	11,222	200.86	0.18
39.50	0.00	11,155	200.85	0.18
39.60	0.00	11,089	200.84	0.18
39.70	0.00	11,024	200.83	0.18
39.80	0.00	10,958	200.82	0.18
39.90	0.00	10,893	200.81	0.18
40.00	0.00	10,828	200.80	0.18

Stage-Discharge for Pond B-6: Basin #6

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.11	200.56	0.16
199.01	0.00	199.53	0.00	200.05	0.11	200.57	0.16
199.02	0.00	199.54	0.00	200.06	0.11	200.58	0.16
199.03	0.00	199.55	0.00	200.07	0.11	200.59	0.16
199.04	0.00	199.56	0.01	200.08	0.11	200.60	0.16
199.05	0.00	199.57	0.01	200.09	0.11	200.61	0.16
199.06	0.00	199.58	0.01	200.10	0.12	200.62	0.17
199.07	0.00	199.59	0.01	200.11	0.12	200.63	0.17
199.08	0.00	199.60	0.02	200.12	0.12	200.64	0.17
199.09	0.00	199.61	0.02	200.13	0.12	200.65	0.17
199.10	0.00	199.62	0.02	200.14	0.12	200.66	0.17
199.11	0.00	199.63	0.03	200.15	0.12	200.67	0.17
199.12	0.00	199.64	0.03	200.16	0.12	200.68	0.17
199.13	0.00	199.65	0.03	200.17	0.12	200.69	0.17
199.14	0.00	199.66	0.04	200.18	0.12	200.70	0.17
199.15	0.00	199.67	0.04	200.19	0.13	200.71	0.17
199.16	0.00	199.68	0.05	200.20	0.13	200.72	0.17
199.17	0.00	199.69	0.05	200.21	0.13	200.73	0.17
199.18	0.00	199.70	0.05	200.22	0.13	200.74	0.17
199.19	0.00	199.71	0.05	200.23	0.13	200.75	0.18
199.20	0.00	199.72	0.06	200.24	0.13	200.76	0.18
199.21	0.00	199.73	0.06	200.25	0.13	200.77	0.18
199.22	0.00	199.74	0.06	200.26	0.13	200.78	0.18
199.23	0.00	199.75	0.06	200.27	0.13	200.79	0.18
199.24	0.00	199.76	0.06	200.28	0.13	200.80	0.18
199.25	0.00	199.77	0.07	200.29	0.14	200.81	0.18
199.26	0.00	199.78	0.07	200.30	0.14	200.82	0.18
199.27	0.00	199.79	0.07	200.31	0.14	200.83	0.18
199.28	0.00	199.80	0.07	200.32	0.14	200.84	0.18
199.29	0.00	199.81	0.07	200.33	0.14	200.85	0.18
199.30	0.00	199.82	0.08	200.34	0.14	200.86	0.18
199.31	0.00	199.83	0.08	200.35	0.14	200.87	0.18
199.32	0.00	199.84	0.08	200.36	0.14	200.88	0.19
199.33	0.00	199.85	0.08	200.37	0.14	200.89	0.19
199.34	0.00	199.86	0.08	200.38	0.14	200.90	0.19
199.35	0.00	199.87	0.08	200.39	0.15	200.91	0.19
199.36	0.00	199.88	0.09	200.40	0.15	200.92	0.19
199.37	0.00	199.89	0.09	200.41	0.15	200.93	0.19
199.38	0.00	199.90	0.09	200.42	0.15	200.94	0.19
199.39	0.00	199.91	0.09	200.43	0.15	200.95	0.19
199.40	0.00	199.92	0.09	200.44	0.15	200.96	0.19
199.41	0.00	199.93	0.09	200.45	0.15	200.97	0.19
199.42	0.00	199.94	0.10	200.46	0.15	200.98	0.19
199.43	0.00	199.95	0.10	200.47	0.15	200.99	0.19
199.44	0.00	199.96	0.10	200.48	0.15	201.00	0.19
199.45	0.00	199.97	0.10	200.49	0.15	201.01	0.19
199.46	0.00	199.98	0.10	200.50	0.16	201.02	0.20
199.47	0.00	199.99	0.10	200.51	0.16	201.03	0.20
199.48	0.00	200.00	0.10	200.52	0.16	201.04	0.20
199.49	0.00	200.01	0.10	200.53	0.16	201.05	0.20
199.50	0.00	200.02	0.11	200.54	0.16	201.06	0.20
199.51	0.00	200.03	0.11	200.55	0.16	201.07	0.20

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	0.20	201.60	0.23	202.12	0.26	202.64	0.29
201.09	0.20	201.61	0.23	202.13	0.26	202.65	0.29
201.10	0.20	201.62	0.23	202.14	0.26	202.66	0.29
201.11	0.20	201.63	0.23	202.15	0.26	202.67	0.29
201.12	0.20	201.64	0.23	202.16	0.26	202.68	0.29
201.13	0.20	201.65	0.23	202.17	0.26	202.69	0.29
201.14	0.20	201.66	0.24	202.18	0.26	202.70	0.29
201.15	0.20	201.67	0.24	202.19	0.26	202.71	0.29
201.16	0.20	201.68	0.24	202.20	0.26	202.72	0.29
201.17	0.21	201.69	0.24	202.21	0.26	202.73	0.29
201.18	0.21	201.70	0.24	202.22	0.27	202.74	0.29
201.19	0.21	201.71	0.24	202.23	0.27	202.75	0.29
201.20	0.21	201.72	0.24	202.24	0.27	202.76	0.29
201.21	0.21	201.73	0.24	202.25	0.27	202.77	0.29
201.22	0.21	201.74	0.24	202.26	0.27	202.78	0.29
201.23	0.21	201.75	0.24	202.27	0.27	202.79	0.29
201.24	0.21	201.76	0.24	202.28	0.27	202.80	0.29
201.25	0.21	201.77	0.24	202.29	0.27	202.81	0.29
201.26	0.21	201.78	0.24	202.30	0.27	202.82	0.29
201.27	0.21	201.79	0.24	202.31	0.27	202.83	0.29
201.28	0.21	201.80	0.24	202.32	0.27	202.84	0.30
201.29	0.21	201.81	0.24	202.33	0.27	202.85	0.30
201.30	0.21	201.82	0.24	202.34	0.27	202.86	0.30
201.31	0.21	201.83	0.24	202.35	0.27	202.87	0.30
201.32	0.22	201.84	0.25	202.36	0.27	202.88	0.30
201.33	0.22	201.85	0.25	202.37	0.27	202.89	0.30
201.34	0.22	201.86	0.25	202.38	0.27	202.90	0.30
201.35	0.22	201.87	0.25	202.39	0.27	202.91	0.30
201.36	0.22	201.88	0.25	202.40	0.27	202.92	0.30
201.37	0.22	201.89	0.25	202.41	0.27	202.93	0.30
201.38	0.22	201.90	0.25	202.42	0.28	202.94	0.30
201.39	0.22	201.91	0.25	202.43	0.28	202.95	0.30
201.40	0.22	201.92	0.25	202.44	0.28	202.96	0.30
201.41	0.22	201.93	0.25	202.45	0.28	202.97	0.30
201.42	0.22	201.94	0.25	202.46	0.28	202.98	0.30
201.43	0.22	201.95	0.25	202.47	0.28	202.99	0.30
201.44	0.22	201.96	0.25	202.48	0.28	203.00	0.30
201.45	0.22	201.97	0.25	202.49	0.28	203.01	0.32
201.46	0.22	201.98	0.25	202.50	0.28	203.02	0.34
201.47	0.22	201.99	0.25	202.51	0.28	203.03	0.37
201.48	0.22	202.00	0.25	202.52	0.28	203.04	0.41
201.49	0.23	202.01	0.25	202.53	0.28	203.05	0.45
201.50	0.23	202.02	0.26	202.54	0.28	203.06	0.50
201.51	0.23	202.03	0.26	202.55	0.28	203.07	0.55
201.52	0.23	202.04	0.26	202.56	0.28	203.08	0.60
201.53	0.23	202.05	0.26	202.57	0.28	203.09	0.66
201.54	0.23	202.06	0.26	202.58	0.28	203.10	0.72
201.55	0.23	202.07	0.26	202.59	0.28	203.11	0.78
201.56	0.23	202.08	0.26	202.60	0.28	203.12	0.85
201.57	0.23	202.09	0.26	202.61	0.28	203.13	0.92
201.58	0.23	202.10	0.26	202.62	0.29	203.14	0.99
201.59	0.23	202.11	0.26	202.63	0.29	203.15	1.06

Stage-Discharge for Pond B-6: Basin #6 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	1.14	203.68	16.43
203.17	1.22	203.69	17.35
203.18	1.30	203.70	18.29
203.19	1.38	203.71	19.29
203.20	1.47	203.72	20.32
203.21	1.56	203.73	21.38
203.22	1.65	203.74	22.46
203.23	1.74	203.75	23.56
203.24	1.83	203.76	24.70
203.25	1.93	203.77	25.86
203.26	2.03	203.78	27.04
203.27	2.12	203.79	28.25
203.28	2.23	203.80	29.49
203.29	2.33	203.81	30.75
203.30	2.43	203.82	32.04
203.31	2.54	203.83	33.35
203.32	2.65	203.84	34.69
203.33	2.76	203.85	36.05
203.34	2.87	203.86	37.44
203.35	2.98	203.87	38.85
203.36	3.09	203.88	40.29
203.37	3.21	203.89	41.75
203.38	3.32	203.90	43.24
203.39	3.44	203.91	44.77
203.40	3.56	203.92	46.34
203.41	3.68	203.93	47.84
203.42	3.81	203.94	49.29
203.43	3.93	203.95	50.77
203.44	4.06	203.96	52.27
203.45	4.18	203.97	53.80
203.46	4.31	203.98	55.36
203.47	4.44	203.99	56.94
203.48	4.57	204.00	58.55
203.49	4.70		
203.50	4.83		
203.51	5.08		
203.52	5.43		
203.53	5.85		
203.54	6.31		
203.55	6.83		
203.56	7.38		
203.57	7.97		
203.58	8.59		
203.59	9.25		
203.60	9.94		
203.61	10.66		
203.62	11.41		
203.63	12.18		
203.64	12.98		
203.65	13.81		
203.66	14.66		
203.67	15.53		

Stage-Area-Storage for Pond B-6: Basin #6

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,389	0	199.52	5,738	2,893
199.01	5,396	54	199.53	5,745	2,950
199.02	5,402	108	199.54	5,751	3,008
199.03	5,409	162	199.55	5,758	3,065
199.04	5,416	216	199.56	5,765	3,123
199.05	5,423	270	199.57	5,771	3,181
199.06	5,429	325	199.58	5,778	3,238
199.07	5,436	379	199.59	5,785	3,296
199.08	5,443	433	199.60	5,792	3,354
199.09	5,449	488	199.61	5,798	3,412
199.10	5,456	542	199.62	5,805	3,470
199.11	5,463	597	199.63	5,812	3,528
199.12	5,470	652	199.64	5,818	3,586
199.13	5,476	706	199.65	5,825	3,645
199.14	5,483	761	199.66	5,832	3,703
199.15	5,490	816	199.67	5,839	3,761
199.16	5,496	871	199.68	5,845	3,820
199.17	5,503	926	199.69	5,852	3,878
199.18	5,510	981	199.70	5,859	3,937
199.19	5,516	1,036	199.71	5,865	3,995
199.20	5,523	1,091	199.72	5,872	4,054
199.21	5,530	1,146	199.73	5,879	4,113
199.22	5,537	1,202	199.74	5,886	4,172
199.23	5,543	1,257	199.75	5,892	4,230
199.24	5,550	1,313	199.76	5,899	4,289
199.25	5,557	1,368	199.77	5,906	4,348
199.26	5,563	1,424	199.78	5,912	4,408
199.27	5,570	1,479	199.79	5,919	4,467
199.28	5,577	1,535	199.80	5,926	4,526
199.29	5,584	1,591	199.81	5,933	4,585
199.30	5,590	1,647	199.82	5,939	4,645
199.31	5,597	1,703	199.83	5,946	4,704
199.32	5,604	1,759	199.84	5,953	4,763
199.33	5,610	1,815	199.85	5,959	4,823
199.34	5,617	1,871	199.86	5,966	4,883
199.35	5,624	1,927	199.87	5,973	4,942
199.36	5,631	1,984	199.88	5,979	5,002
199.37	5,637	2,040	199.89	5,986	5,062
199.38	5,644	2,096	199.90	5,993	5,122
199.39	5,651	2,153	199.91	6,000	5,182
199.40	5,657	2,209	199.92	6,006	5,242
199.41	5,664	2,266	199.93	6,013	5,302
199.42	5,671	2,323	199.94	6,020	5,362
199.43	5,678	2,379	199.95	6,026	5,422
199.44	5,684	2,436	199.96	6,033	5,483
199.45	5,691	2,493	199.97	6,040	5,543
199.46	5,698	2,550	199.98	6,047	5,603
199.47	5,704	2,607	199.99	6,053	5,664
199.48	5,711	2,664	200.00	6,060	5,725
199.49	5,718	2,721	200.01	6,067	5,785
199.50	5,725	2,778	200.02	6,074	5,846
199.51	5,731	2,836	200.03	6,081	5,907

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	6,088	5,967	200.56	6,453	9,228
200.05	6,095	6,028	200.57	6,460	9,293
200.06	6,102	6,089	200.58	6,467	9,357
200.07	6,109	6,150	200.59	6,474	9,422
200.08	6,116	6,212	200.60	6,481	9,487
200.09	6,123	6,273	200.61	6,488	9,552
200.10	6,130	6,334	200.62	6,495	9,616
200.11	6,137	6,395	200.63	6,502	9,681
200.12	6,144	6,457	200.64	6,509	9,746
200.13	6,151	6,518	200.65	6,516	9,812
200.14	6,158	6,580	200.66	6,523	9,877
200.15	6,165	6,641	200.67	6,530	9,942
200.16	6,172	6,703	200.68	6,537	10,007
200.17	6,179	6,765	200.69	6,544	10,073
200.18	6,186	6,827	200.70	6,551	10,138
200.19	6,193	6,889	200.71	6,558	10,204
200.20	6,200	6,951	200.72	6,565	10,269
200.21	6,207	7,013	200.73	6,572	10,335
200.22	6,214	7,075	200.74	6,579	10,401
200.23	6,221	7,137	200.75	6,586	10,467
200.24	6,228	7,199	200.76	6,593	10,533
200.25	6,235	7,261	200.77	6,600	10,599
200.26	6,242	7,324	200.78	6,607	10,665
200.27	6,249	7,386	200.79	6,614	10,731
200.28	6,256	7,449	200.80	6,621	10,797
200.29	6,263	7,511	200.81	6,628	10,863
200.30	6,270	7,574	200.82	6,635	10,929
200.31	6,277	7,637	200.83	6,642	10,996
200.32	6,284	7,700	200.84	6,649	11,062
200.33	6,291	7,762	200.85	6,656	11,129
200.34	6,298	7,825	200.86	6,663	11,195
200.35	6,305	7,888	200.87	6,670	11,262
200.36	6,312	7,952	200.88	6,677	11,329
200.37	6,319	8,015	200.89	6,684	11,396
200.38	6,326	8,078	200.90	6,691	11,462
200.39	6,333	8,141	200.91	6,698	11,529
200.40	6,340	8,205	200.92	6,705	11,596
200.41	6,347	8,268	200.93	6,712	11,663
200.42	6,354	8,332	200.94	6,719	11,731
200.43	6,361	8,395	200.95	6,726	11,798
200.44	6,368	8,459	200.96	6,733	11,865
200.45	6,375	8,522	200.97	6,740	11,932
200.46	6,382	8,586	200.98	6,747	12,000
200.47	6,389	8,650	200.99	6,754	12,067
200.48	6,396	8,714	201.00	6,761	12,135
200.49	6,403	8,778	201.01	6,768	12,203
200.50	6,411	8,842	201.02	6,776	12,270
200.51	6,418	8,906	201.03	6,783	12,338
200.52	6,425	8,970	201.04	6,790	12,406
200.53	6,432	9,035	201.05	6,797	12,474
200.54	6,439	9,099	201.06	6,805	12,542
200.55	6,446	9,164	201.07	6,812	12,610

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	6,819	12,678	201.60	7,198	16,323
201.09	6,827	12,746	201.61	7,206	16,395
201.10	6,834	12,815	201.62	7,213	16,467
201.11	6,841	12,883	201.63	7,220	16,539
201.12	6,848	12,952	201.64	7,228	16,611
201.13	6,856	13,020	201.65	7,235	16,684
201.14	6,863	13,089	201.66	7,242	16,756
201.15	6,870	13,157	201.67	7,249	16,828
201.16	6,878	13,226	201.68	7,257	16,901
201.17	6,885	13,295	201.69	7,264	16,974
201.18	6,892	13,364	201.70	7,271	17,046
201.19	6,900	13,433	201.71	7,279	17,119
201.20	6,907	13,502	201.72	7,286	17,192
201.21	6,914	13,571	201.73	7,293	17,265
201.22	6,921	13,640	201.74	7,300	17,338
201.23	6,929	13,709	201.75	7,308	17,411
201.24	6,936	13,779	201.76	7,315	17,484
201.25	6,943	13,848	201.77	7,322	17,557
201.26	6,951	13,918	201.78	7,330	17,630
201.27	6,958	13,987	201.79	7,337	17,704
201.28	6,965	14,057	201.80	7,344	17,777
201.29	6,972	14,126	201.81	7,351	17,851
201.30	6,980	14,196	201.82	7,359	17,924
201.31	6,987	14,266	201.83	7,366	17,998
201.32	6,994	14,336	201.84	7,373	18,071
201.33	7,002	14,406	201.85	7,381	18,145
201.34	7,009	14,476	201.86	7,388	18,219
201.35	7,016	14,546	201.87	7,395	18,293
201.36	7,023	14,616	201.88	7,403	18,367
201.37	7,031	14,686	201.89	7,410	18,441
201.38	7,038	14,757	201.90	7,417	18,515
201.39	7,045	14,827	201.91	7,424	18,589
201.40	7,053	14,898	201.92	7,432	18,664
201.41	7,060	14,968	201.93	7,439	18,738
201.42	7,067	15,039	201.94	7,446	18,812
201.43	7,074	15,110	201.95	7,454	18,887
201.44	7,082	15,180	201.96	7,461	18,961
201.45	7,089	15,251	201.97	7,468	19,036
201.46	7,096	15,322	201.98	7,475	19,111
201.47	7,104	15,393	201.99	7,483	19,186
201.48	7,111	15,464	202.00	7,490	19,261
201.49	7,118	15,535	202.01	7,498	19,335
201.50	7,126	15,607	202.02	7,505	19,410
201.51	7,133	15,678	202.03	7,513	19,486
201.52	7,140	15,749	202.04	7,520	19,561
201.53	7,147	15,821	202.05	7,528	19,636
201.54	7,155	15,892	202.06	7,535	19,711
201.55	7,162	15,964	202.07	7,543	19,787
201.56	7,169	16,035	202.08	7,551	19,862
201.57	7,177	16,107	202.09	7,558	19,938
201.58	7,184	16,179	202.10	7,566	20,013
201.59	7,191	16,251	202.11	7,573	20,089

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	7,581	20,165	202.64	7,974	24,209
202.13	7,588	20,241	202.65	7,982	24,289
202.14	7,596	20,317	202.66	7,990	24,369
202.15	7,604	20,393	202.67	7,997	24,449
202.16	7,611	20,469	202.68	8,005	24,529
202.17	7,619	20,545	202.69	8,012	24,609
202.18	7,626	20,621	202.70	8,020	24,689
202.19	7,634	20,697	202.71	8,027	24,769
202.20	7,641	20,774	202.72	8,035	24,850
202.21	7,649	20,850	202.73	8,043	24,930
202.22	7,657	20,927	202.74	8,050	25,010
202.23	7,664	21,003	202.75	8,058	25,091
202.24	7,672	21,080	202.76	8,065	25,172
202.25	7,679	21,157	202.77	8,073	25,252
202.26	7,687	21,233	202.78	8,080	25,333
202.27	7,694	21,310	202.79	8,088	25,414
202.28	7,702	21,387	202.80	8,096	25,495
202.29	7,710	21,464	202.81	8,103	25,576
202.30	7,717	21,542	202.82	8,111	25,657
202.31	7,725	21,619	202.83	8,118	25,738
202.32	7,732	21,696	202.84	8,126	25,819
202.33	7,740	21,773	202.85	8,133	25,900
202.34	7,747	21,851	202.86	8,141	25,982
202.35	7,755	21,928	202.87	8,149	26,063
202.36	7,763	22,006	202.88	8,156	26,145
202.37	7,770	22,084	202.89	8,164	26,226
202.38	7,778	22,161	202.90	8,171	26,308
202.39	7,785	22,239	202.91	8,179	26,390
202.40	7,793	22,317	202.92	8,186	26,472
202.41	7,800	22,395	202.93	8,194	26,554
202.42	7,808	22,473	202.94	8,202	26,636
202.43	7,816	22,551	202.95	8,209	26,718
202.44	7,823	22,629	202.96	8,217	26,800
202.45	7,831	22,708	202.97	8,224	26,882
202.46	7,838	22,786	202.98	8,232	26,964
202.47	7,846	22,864	202.99	8,239	27,047
202.48	7,853	22,943	203.00	8,247	27,129
202.49	7,861	23,021	203.01	8,255	27,212
202.50	7,869	23,100	203.02	8,263	27,294
202.51	7,876	23,179	203.03	8,271	27,377
202.52	7,884	23,258	203.04	8,278	27,460
202.53	7,891	23,337	203.05	8,286	27,542
202.54	7,899	23,415	203.06	8,294	27,625
202.55	7,906	23,494	203.07	8,302	27,708
202.56	7,914	23,574	203.08	8,310	27,791
202.57	7,921	23,653	203.09	8,318	27,874
202.58	7,929	23,732	203.10	8,325	27,958
202.59	7,937	23,811	203.11	8,333	28,041
202.60	7,944	23,891	203.12	8,341	28,124
202.61	7,952	23,970	203.13	8,349	28,208
202.62	7,959	24,050	203.14	8,357	28,291
202.63	7,967	24,129	203.15	8,365	28,375

Stage-Area-Storage for Pond B-6: Basin #6 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	8,373	28,459	203.68	8,781	32,918
203.17	8,380	28,542	203.69	8,789	33,006
203.18	8,388	28,626	203.70	8,796	33,094
203.19	8,396	28,710	203.71	8,804	33,182
203.20	8,404	28,794	203.72	8,812	33,270
203.21	8,412	28,878	203.73	8,820	33,358
203.22	8,420	28,962	203.74	8,828	33,447
203.23	8,428	29,047	203.75	8,836	33,535
203.24	8,435	29,131	203.76	8,844	33,623
203.25	8,443	29,215	203.77	8,851	33,712
203.26	8,451	29,300	203.78	8,859	33,800
203.27	8,459	29,384	203.79	8,867	33,889
203.28	8,467	29,469	203.80	8,875	33,978
203.29	8,475	29,554	203.81	8,883	34,067
203.30	8,483	29,638	203.82	8,891	34,155
203.31	8,490	29,723	203.83	8,899	34,244
203.32	8,498	29,808	203.84	8,906	34,333
203.33	8,506	29,893	203.85	8,914	34,423
203.34	8,514	29,978	203.86	8,922	34,512
203.35	8,522	30,064	203.87	8,930	34,601
203.36	8,530	30,149	203.88	8,938	34,690
203.37	8,537	30,234	203.89	8,946	34,780
203.38	8,545	30,320	203.90	8,954	34,869
203.39	8,553	30,405	203.91	8,961	34,959
203.40	8,561	30,491	203.92	8,969	35,048
203.41	8,569	30,576	203.93	8,977	35,138
203.42	8,577	30,662	203.94	8,985	35,228
203.43	8,585	30,748	203.95	8,993	35,318
203.44	8,592	30,834	203.96	9,001	35,408
203.45	8,600	30,920	203.97	9,008	35,498
203.46	8,608	31,006	203.98	9,016	35,588
203.47	8,616	31,092	203.99	9,024	35,678
203.48	8,624	31,178	204.00	9,032	35,769
203.49	8,632	31,264			
203.50	8,640	31,351			
203.51	8,647	31,437			
203.52	8,655	31,524			
203.53	8,663	31,610			
203.54	8,671	31,697			
203.55	8,679	31,784			
203.56	8,687	31,870			
203.57	8,694	31,957			
203.58	8,702	32,044			
203.59	8,710	32,131			
203.60	8,718	32,218			
203.61	8,726	32,306			
203.62	8,734	32,393			
203.63	8,742	32,480			
203.64	8,749	32,568			
203.65	8,757	32,655			
203.66	8,765	32,743			
203.67	8,773	32,831			

Summary for Pond B-7: Basin #7

Inflow Area = 1.564 ac, 62.85% Impervious, Inflow Depth = 9.65" for Future 100 yr event
 Inflow = 14.77 cfs @ 12.17 hrs, Volume= 1.258 af
 Outflow = 10.17 cfs @ 12.27 hrs, Volume= 1.058 af, Atten= 31%, Lag= 6.2 min
 Primary = 10.17 cfs @ 12.27 hrs, Volume= 1.058 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 209.86' @ 12.27 hrs Surf.Area= 9,335 sf Storage= 22,444 cf

Plug-Flow detention time= 298.4 min calculated for 1.057 af (84% of inflow)
 Center-of-Mass det. time= 228.9 min (990.9 - 762.1)

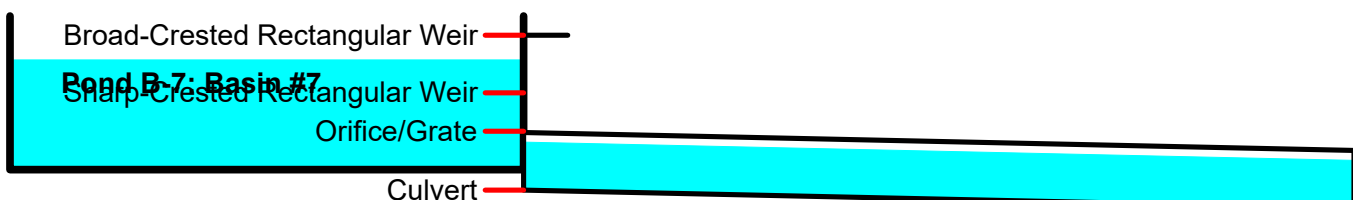
Volume	Invert	Avail.Storage	Storage Description
#1	207.00'	33,829 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
207.00	6,419	0	0
208.00	7,395	6,907	6,907
209.00	8,429	7,912	14,819
210.00	9,484	8,957	23,776
211.00	10,623	10,054	33,829

Device	Routing	Invert	Outlet Devices
#1	Primary	206.47'	18.0" Round Culvert L= 94.0' Ke= 0.500 Inlet / Outlet Invert= 206.47' / 206.00' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	208.00'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	209.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	210.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

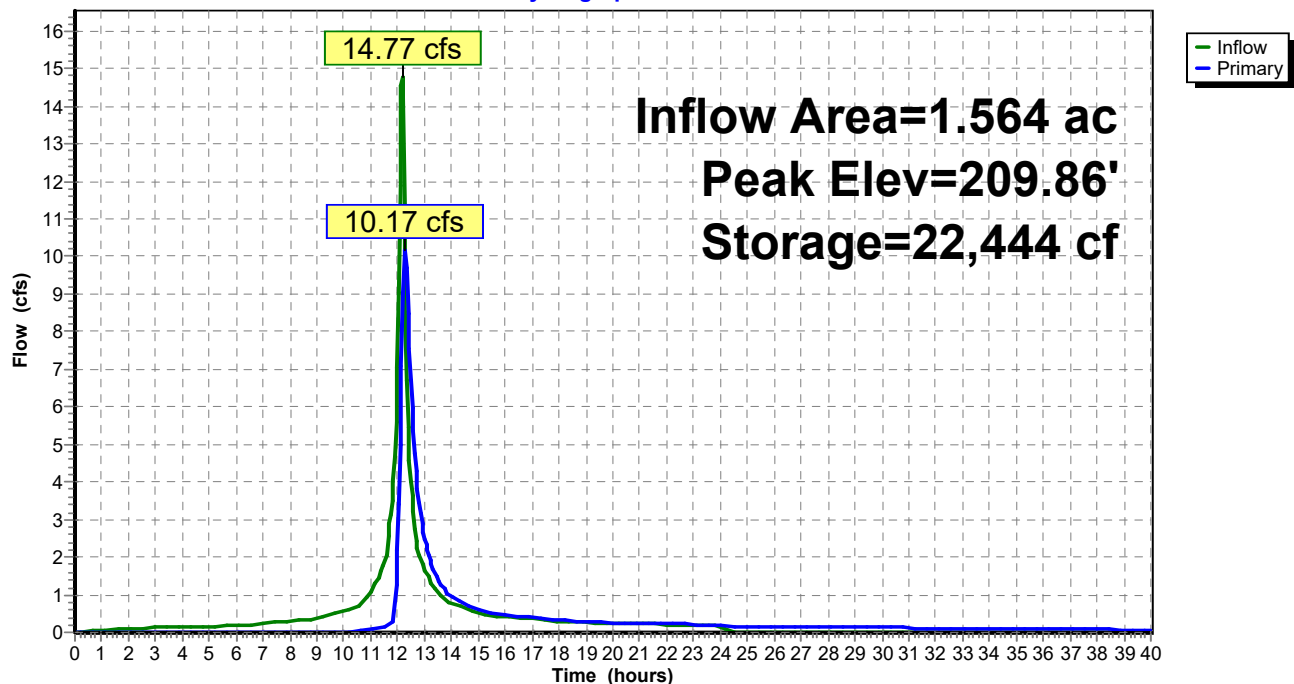
Primary OutFlow Max=10.04 cfs @ 12.27 hrs HW=209.85' (Free Discharge)

1=Culvert (Passes 10.04 cfs of 12.12 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.36 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 9.82 cfs @ 3.02 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-7: Basin #7

Hydrograph



Hydrograph for Pond B-7: Basin #7

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	207.00	0.00
0.10	0.00	0	207.00	0.00
0.20	0.00	0	207.00	0.00
0.30	0.00	0	207.00	0.00
0.40	0.00	0	207.00	0.00
0.50	0.00	1	207.00	0.00
0.60	0.01	4	207.00	0.00
0.70	0.02	11	207.00	0.00
0.80	0.03	21	207.00	0.00
0.90	0.04	35	207.01	0.00
1.00	0.05	51	207.01	0.00
1.10	0.06	70	207.01	0.00
1.20	0.06	91	207.01	0.00
1.30	0.07	114	207.02	0.00
1.40	0.07	139	207.02	0.00
1.50	0.08	166	207.03	0.00
1.60	0.08	194	207.03	0.00
1.70	0.09	224	207.03	0.00
1.80	0.09	256	207.04	0.00
1.90	0.09	288	207.04	0.00
2.00	0.10	322	207.05	0.00
2.10	0.10	358	207.06	0.00
2.20	0.10	394	207.06	0.00
2.30	0.10	431	207.07	0.00
2.40	0.11	469	207.07	0.00
2.50	0.11	508	207.08	0.00
2.60	0.11	548	207.08	0.00
2.70	0.11	589	207.09	0.00
2.80	0.12	631	207.10	0.00
2.90	0.12	673	207.10	0.00
3.00	0.12	717	207.11	0.00
3.10	0.12	761	207.12	0.00
3.20	0.13	805	207.12	0.00
3.30	0.13	851	207.13	0.00
3.40	0.13	897	207.14	0.00
3.50	0.13	944	207.15	0.00
3.60	0.13	991	207.15	0.00
3.70	0.13	1,039	207.16	0.00
3.80	0.14	1,088	207.17	0.00
3.90	0.14	1,137	207.17	0.00
4.00	0.14	1,187	207.18	0.00
4.10	0.14	1,238	207.19	0.00
4.20	0.14	1,289	207.20	0.00
4.30	0.14	1,340	207.21	0.00
4.40	0.15	1,393	207.21	0.00
4.50	0.15	1,446	207.22	0.00
4.60	0.15	1,499	207.23	0.00
4.70	0.15	1,553	207.24	0.00
4.80	0.15	1,607	207.25	0.00
4.90	0.15	1,662	207.25	0.00
5.00	0.15	1,717	207.26	0.00
5.10	0.16	1,773	207.27	0.00

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.16	1,829	207.28	0.00
5.30	0.16	1,886	207.29	0.00
5.40	0.16	1,944	207.30	0.00
5.50	0.16	2,003	207.30	0.00
5.60	0.17	2,063	207.31	0.00
5.70	0.17	2,123	207.32	0.00
5.80	0.17	2,185	207.33	0.00
5.90	0.17	2,247	207.34	0.00
6.00	0.18	2,310	207.35	0.00
6.10	0.18	2,373	207.36	0.00
6.20	0.18	2,439	207.37	0.00
6.30	0.19	2,506	207.38	0.00
6.40	0.20	2,575	207.39	0.00
6.50	0.20	2,646	207.40	0.00
6.60	0.21	2,720	207.41	0.00
6.70	0.21	2,795	207.42	0.00
6.80	0.22	2,873	207.43	0.00
6.90	0.22	2,952	207.44	0.00
7.00	0.23	3,034	207.46	0.00
7.10	0.24	3,118	207.47	0.00
7.20	0.24	3,205	207.48	0.00
7.30	0.25	3,293	207.49	0.00
7.40	0.25	3,384	207.51	0.00
7.50	0.26	3,477	207.52	0.00
7.60	0.27	3,572	207.53	0.00
7.70	0.27	3,670	207.55	0.00
7.80	0.28	3,770	207.56	0.00
7.90	0.29	3,872	207.58	0.00
8.00	0.29	3,976	207.59	0.00
8.10	0.30	4,083	207.61	0.00
8.20	0.31	4,193	207.62	0.00
8.30	0.31	4,304	207.64	0.00
8.40	0.32	4,419	207.66	0.00
8.50	0.33	4,535	207.67	0.00
8.60	0.33	4,654	207.69	0.00
8.70	0.34	4,775	207.71	0.00
8.80	0.35	4,899	207.72	0.00
8.90	0.35	5,026	207.74	0.00
9.00	0.36	5,155	207.76	0.00
9.10	0.37	5,286	207.78	0.00
9.20	0.39	5,423	207.80	0.00
9.30	0.41	5,568	207.82	0.00
9.40	0.43	5,720	207.84	0.00
9.50	0.46	5,880	207.86	0.00
9.60	0.48	6,048	207.88	0.00
9.70	0.50	6,224	207.91	0.00
9.80	0.52	6,409	207.93	0.00
9.90	0.55	6,602	207.96	0.00
10.00	0.57	6,803	207.99	0.00
10.10	0.59	7,013	208.01	0.00
10.20	0.62	7,230	208.04	0.00
10.30	0.64	7,455	208.07	0.01

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.67	7,686	208.10	0.02
10.50	0.69	7,922	208.14	0.03
10.60	0.73	8,164	208.17	0.04
10.70	0.80	8,424	208.20	0.05
10.80	0.89	8,708	208.24	0.06
10.90	0.98	9,020	208.28	0.07
11.00	1.07	9,361	208.32	0.08
11.10	1.17	9,734	208.37	0.08
11.20	1.32	10,151	208.43	0.09
11.30	1.49	10,621	208.49	0.10
11.40	1.66	11,150	208.55	0.11
11.50	1.82	11,736	208.63	0.12
11.60	2.20	12,401	208.71	0.13
11.70	2.88	13,274	208.81	0.14
11.80	3.48	14,358	208.95	0.15
11.90	4.68	15,704	209.10	0.61
12.00	7.06	17,290	209.29	2.17
12.10	11.86	19,369	209.52	5.01
12.20	14.21	21,799	209.79	9.02
12.30	8.54	22,358	209.85	10.02
12.40	5.46	21,481	209.75	8.46
12.50	4.00	20,433	209.64	6.69
12.60	3.23	19,582	209.55	5.34
12.70	2.43	18,867	209.47	4.27
12.80	2.09	18,293	209.40	3.45
12.90	1.88	17,870	209.35	2.89
13.00	1.70	17,548	209.32	2.48
13.10	1.52	17,290	209.29	2.17
13.20	1.36	17,071	209.26	1.92
13.30	1.24	16,886	209.24	1.71
13.40	1.14	16,730	209.22	1.54
13.50	1.05	16,594	209.21	1.40
13.60	0.95	16,472	209.19	1.28
13.70	0.87	16,359	209.18	1.17
13.80	0.83	16,261	209.17	1.08
13.90	0.80	16,181	209.16	1.00
14.00	0.78	16,116	209.15	0.94
14.10	0.75	16,060	209.15	0.90
14.20	0.73	16,011	209.14	0.85
14.30	0.70	15,967	209.14	0.82
14.40	0.68	15,927	209.13	0.78
14.50	0.65	15,890	209.13	0.75
14.60	0.63	15,855	209.12	0.72
14.70	0.60	15,821	209.12	0.69
14.80	0.57	15,787	209.11	0.67
14.90	0.55	15,754	209.11	0.64
15.00	0.52	15,720	209.11	0.62
15.10	0.50	15,685	209.10	0.59
15.20	0.48	15,652	209.10	0.57
15.30	0.47	15,621	209.09	0.55
15.40	0.46	15,594	209.09	0.53
15.50	0.45	15,572	209.09	0.51

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.45	15,552	209.09	0.50
15.70	0.44	15,535	209.08	0.48
15.80	0.43	15,520	209.08	0.47
15.90	0.43	15,506	209.08	0.46
16.00	0.42	15,493	209.08	0.45
16.10	0.41	15,480	209.08	0.45
16.20	0.41	15,468	209.08	0.44
16.30	0.40	15,456	209.08	0.43
16.40	0.39	15,444	209.07	0.43
16.50	0.39	15,432	209.07	0.42
16.60	0.38	15,420	209.07	0.41
16.70	0.37	15,408	209.07	0.41
16.80	0.37	15,396	209.07	0.40
16.90	0.36	15,384	209.07	0.39
17.00	0.35	15,373	209.07	0.39
17.10	0.35	15,361	209.06	0.38
17.20	0.34	15,349	209.06	0.37
17.30	0.33	15,337	209.06	0.37
17.40	0.33	15,325	209.06	0.36
17.50	0.32	15,314	209.06	0.35
17.60	0.31	15,302	209.06	0.35
17.70	0.31	15,290	209.06	0.34
17.80	0.30	15,278	209.05	0.33
17.90	0.29	15,267	209.05	0.33
18.00	0.29	15,255	209.05	0.32
18.10	0.28	15,243	209.05	0.31
18.20	0.27	15,232	209.05	0.31
18.30	0.27	15,221	209.05	0.30
18.40	0.27	15,211	209.05	0.29
18.50	0.27	15,203	209.05	0.29
18.60	0.27	15,196	209.04	0.29
18.70	0.26	15,189	209.04	0.28
18.80	0.26	15,183	209.04	0.28
18.90	0.26	15,178	209.04	0.28
19.00	0.26	15,173	209.04	0.27
19.10	0.26	15,168	209.04	0.27
19.20	0.26	15,164	209.04	0.27
19.30	0.25	15,160	209.04	0.27
19.40	0.25	15,156	209.04	0.26
19.50	0.25	15,153	209.04	0.26
19.60	0.25	15,149	209.04	0.26
19.70	0.25	15,144	209.04	0.26
19.80	0.25	15,140	209.04	0.26
19.90	0.25	15,136	209.04	0.26
20.00	0.24	15,132	209.04	0.26
20.10	0.24	15,127	209.04	0.25
20.20	0.24	15,123	209.04	0.25
20.30	0.24	15,118	209.04	0.25
20.40	0.24	15,113	209.03	0.25
20.50	0.23	15,108	209.03	0.25
20.60	0.23	15,103	209.03	0.25
20.70	0.23	15,099	209.03	0.24

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.23	15,094	209.03	0.24
20.90	0.23	15,089	209.03	0.24
21.00	0.23	15,084	209.03	0.24
21.10	0.22	15,079	209.03	0.24
21.20	0.22	15,074	209.03	0.24
21.30	0.22	15,069	209.03	0.23
21.40	0.22	15,064	209.03	0.23
21.50	0.22	15,059	209.03	0.23
21.60	0.22	15,053	209.03	0.23
21.70	0.21	15,048	209.03	0.23
21.80	0.21	15,043	209.03	0.23
21.90	0.21	15,038	209.03	0.23
22.00	0.21	15,033	209.03	0.22
22.10	0.21	15,028	209.02	0.22
22.20	0.21	15,022	209.02	0.22
22.30	0.20	15,017	209.02	0.22
22.40	0.20	15,012	209.02	0.22
22.50	0.20	15,007	209.02	0.22
22.60	0.20	15,002	209.02	0.21
22.70	0.20	14,997	209.02	0.21
22.80	0.20	14,991	209.02	0.21
22.90	0.19	14,986	209.02	0.21
23.00	0.19	14,981	209.02	0.21
23.10	0.19	14,976	209.02	0.21
23.20	0.19	14,970	209.02	0.20
23.30	0.19	14,965	209.02	0.20
23.40	0.19	14,960	209.02	0.20
23.50	0.18	14,955	209.02	0.20
23.60	0.18	14,949	209.02	0.20
23.70	0.18	14,944	209.01	0.20
23.80	0.18	14,939	209.01	0.19
23.90	0.18	14,934	209.01	0.19
24.00	0.19	14,929	209.01	0.19
24.10	0.16	14,926	209.01	0.19
24.20	0.04	14,895	209.01	0.18
24.30	0.01	14,842	209.00	0.16
24.40	0.00	14,787	209.00	0.16
24.50	0.00	14,732	208.99	0.15
24.60	0.00	14,676	208.98	0.15
24.70	0.00	14,621	208.98	0.15
24.80	0.00	14,566	208.97	0.15
24.90	0.00	14,511	208.96	0.15
25.00	0.00	14,457	208.96	0.15
25.10	0.00	14,402	208.95	0.15
25.20	0.00	14,348	208.94	0.15
25.30	0.00	14,294	208.94	0.15
25.40	0.00	14,240	208.93	0.15
25.50	0.00	14,186	208.92	0.15
25.60	0.00	14,133	208.92	0.15
25.70	0.00	14,080	208.91	0.15
25.80	0.00	14,027	208.91	0.15
25.90	0.00	13,974	208.90	0.15

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,921	208.89	0.15
26.10	0.00	13,869	208.89	0.15
26.20	0.00	13,817	208.88	0.14
26.30	0.00	13,765	208.87	0.14
26.40	0.00	13,713	208.87	0.14
26.50	0.00	13,662	208.86	0.14
26.60	0.00	13,610	208.86	0.14
26.70	0.00	13,559	208.85	0.14
26.80	0.00	13,508	208.84	0.14
26.90	0.00	13,458	208.84	0.14
27.00	0.00	13,407	208.83	0.14
27.10	0.00	13,357	208.82	0.14
27.20	0.00	13,307	208.82	0.14
27.30	0.00	13,257	208.81	0.14
27.40	0.00	13,207	208.81	0.14
27.50	0.00	13,158	208.80	0.14
27.60	0.00	13,109	208.79	0.14
27.70	0.00	13,060	208.79	0.14
27.80	0.00	13,011	208.78	0.14
27.90	0.00	12,962	208.78	0.13
28.00	0.00	12,914	208.77	0.13
28.10	0.00	12,866	208.76	0.13
28.20	0.00	12,818	208.76	0.13
28.30	0.00	12,770	208.75	0.13
28.40	0.00	12,723	208.75	0.13
28.50	0.00	12,676	208.74	0.13
28.60	0.00	12,629	208.74	0.13
28.70	0.00	12,582	208.73	0.13
28.80	0.00	12,535	208.72	0.13
28.90	0.00	12,489	208.72	0.13
29.00	0.00	12,442	208.71	0.13
29.10	0.00	12,396	208.71	0.13
29.20	0.00	12,351	208.70	0.13
29.30	0.00	12,305	208.70	0.13
29.40	0.00	12,260	208.69	0.13
29.50	0.00	12,215	208.68	0.13
29.60	0.00	12,170	208.68	0.12
29.70	0.00	12,125	208.67	0.12
29.80	0.00	12,080	208.67	0.12
29.90	0.00	12,036	208.66	0.12
30.00	0.00	11,992	208.66	0.12
30.10	0.00	11,948	208.65	0.12
30.20	0.00	11,905	208.65	0.12
30.30	0.00	11,861	208.64	0.12
30.40	0.00	11,818	208.64	0.12
30.50	0.00	11,775	208.63	0.12
30.60	0.00	11,732	208.63	0.12
30.70	0.00	11,690	208.62	0.12
30.80	0.00	11,648	208.61	0.12
30.90	0.00	11,605	208.61	0.12
31.00	0.00	11,564	208.60	0.12
31.10	0.00	11,522	208.60	0.12

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,480	208.59	0.11
31.30	0.00	11,439	208.59	0.11
31.40	0.00	11,398	208.58	0.11
31.50	0.00	11,357	208.58	0.11
31.60	0.00	11,317	208.57	0.11
31.70	0.00	11,276	208.57	0.11
31.80	0.00	11,236	208.56	0.11
31.90	0.00	11,196	208.56	0.11
32.00	0.00	11,157	208.55	0.11
32.10	0.00	11,117	208.55	0.11
32.20	0.00	11,078	208.54	0.11
32.30	0.00	11,039	208.54	0.11
32.40	0.00	11,000	208.53	0.11
32.50	0.00	10,962	208.53	0.11
32.60	0.00	10,923	208.52	0.11
32.70	0.00	10,885	208.52	0.11
32.80	0.00	10,847	208.51	0.11
32.90	0.00	10,809	208.51	0.10
33.00	0.00	10,772	208.50	0.10
33.10	0.00	10,734	208.50	0.10
33.20	0.00	10,697	208.50	0.10
33.30	0.00	10,661	208.49	0.10
33.40	0.00	10,624	208.49	0.10
33.50	0.00	10,588	208.48	0.10
33.60	0.00	10,551	208.48	0.10
33.70	0.00	10,515	208.47	0.10
33.80	0.00	10,480	208.47	0.10
33.90	0.00	10,444	208.46	0.10
34.00	0.00	10,409	208.46	0.10
34.10	0.00	10,374	208.45	0.10
34.20	0.00	10,339	208.45	0.10
34.30	0.00	10,304	208.45	0.10
34.40	0.00	10,270	208.44	0.10
34.50	0.00	10,236	208.44	0.09
34.60	0.00	10,202	208.43	0.09
34.70	0.00	10,168	208.43	0.09
34.80	0.00	10,135	208.42	0.09
34.90	0.00	10,101	208.42	0.09
35.00	0.00	10,068	208.42	0.09
35.10	0.00	10,035	208.41	0.09
35.20	0.00	10,003	208.41	0.09
35.30	0.00	9,970	208.40	0.09
35.40	0.00	9,938	208.40	0.09
35.50	0.00	9,906	208.39	0.09
35.60	0.00	9,875	208.39	0.09
35.70	0.00	9,843	208.39	0.09
35.80	0.00	9,812	208.38	0.09
35.90	0.00	9,781	208.38	0.09
36.00	0.00	9,750	208.37	0.09
36.10	0.00	9,719	208.37	0.08
36.20	0.00	9,689	208.37	0.08
36.30	0.00	9,659	208.36	0.08

Hydrograph for Pond B-7: Basin #7 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,629	208.36	0.08
36.50	0.00	9,599	208.36	0.08
36.60	0.00	9,570	208.35	0.08
36.70	0.00	9,540	208.35	0.08
36.80	0.00	9,511	208.34	0.08
36.90	0.00	9,483	208.34	0.08
37.00	0.00	9,454	208.34	0.08
37.10	0.00	9,426	208.33	0.08
37.20	0.00	9,398	208.33	0.08
37.30	0.00	9,370	208.33	0.08
37.40	0.00	9,342	208.32	0.08
37.50	0.00	9,314	208.32	0.08
37.60	0.00	9,287	208.31	0.08
37.70	0.00	9,260	208.31	0.07
37.80	0.00	9,234	208.31	0.07
37.90	0.00	9,207	208.30	0.07
38.00	0.00	9,181	208.30	0.07
38.10	0.00	9,155	208.30	0.07
38.20	0.00	9,129	208.29	0.07
38.30	0.00	9,103	208.29	0.07
38.40	0.00	9,078	208.29	0.07
38.50	0.00	9,053	208.28	0.07
38.60	0.00	9,028	208.28	0.07
38.70	0.00	9,003	208.28	0.07
38.80	0.00	8,978	208.27	0.07
38.90	0.00	8,954	208.27	0.07
39.00	0.00	8,930	208.27	0.07
39.10	0.00	8,906	208.27	0.07
39.20	0.00	8,883	208.26	0.07
39.30	0.00	8,859	208.26	0.06
39.40	0.00	8,836	208.26	0.06
39.50	0.00	8,813	208.25	0.06
39.60	0.00	8,791	208.25	0.06
39.70	0.00	8,768	208.25	0.06
39.80	0.00	8,746	208.24	0.06
39.90	0.00	8,724	208.24	0.06
40.00	0.00	8,702	208.24	0.06

Stage-Discharge for Pond B-7: Basin #7

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.00	0.00	207.52	0.00	208.04	0.00	208.56	0.11
207.01	0.00	207.53	0.00	208.05	0.00	208.57	0.11
207.02	0.00	207.54	0.00	208.06	0.01	208.58	0.11
207.03	0.00	207.55	0.00	208.07	0.01	208.59	0.11
207.04	0.00	207.56	0.00	208.08	0.01	208.60	0.12
207.05	0.00	207.57	0.00	208.09	0.01	208.61	0.12
207.06	0.00	207.58	0.00	208.10	0.02	208.62	0.12
207.07	0.00	207.59	0.00	208.11	0.02	208.63	0.12
207.08	0.00	207.60	0.00	208.12	0.02	208.64	0.12
207.09	0.00	207.61	0.00	208.13	0.03	208.65	0.12
207.10	0.00	207.62	0.00	208.14	0.03	208.66	0.12
207.11	0.00	207.63	0.00	208.15	0.03	208.67	0.12
207.12	0.00	207.64	0.00	208.16	0.04	208.68	0.12
207.13	0.00	207.65	0.00	208.17	0.04	208.69	0.13
207.14	0.00	207.66	0.00	208.18	0.05	208.70	0.13
207.15	0.00	207.67	0.00	208.19	0.05	208.71	0.13
207.16	0.00	207.68	0.00	208.20	0.05	208.72	0.13
207.17	0.00	207.69	0.00	208.21	0.05	208.73	0.13
207.18	0.00	207.70	0.00	208.22	0.06	208.74	0.13
207.19	0.00	207.71	0.00	208.23	0.06	208.75	0.13
207.20	0.00	207.72	0.00	208.24	0.06	208.76	0.13
207.21	0.00	207.73	0.00	208.25	0.06	208.77	0.13
207.22	0.00	207.74	0.00	208.26	0.06	208.78	0.13
207.23	0.00	207.75	0.00	208.27	0.07	208.79	0.14
207.24	0.00	207.76	0.00	208.28	0.07	208.80	0.14
207.25	0.00	207.77	0.00	208.29	0.07	208.81	0.14
207.26	0.00	207.78	0.00	208.30	0.07	208.82	0.14
207.27	0.00	207.79	0.00	208.31	0.07	208.83	0.14
207.28	0.00	207.80	0.00	208.32	0.08	208.84	0.14
207.29	0.00	207.81	0.00	208.33	0.08	208.85	0.14
207.30	0.00	207.82	0.00	208.34	0.08	208.86	0.14
207.31	0.00	207.83	0.00	208.35	0.08	208.87	0.14
207.32	0.00	207.84	0.00	208.36	0.08	208.88	0.14
207.33	0.00	207.85	0.00	208.37	0.08	208.89	0.15
207.34	0.00	207.86	0.00	208.38	0.09	208.90	0.15
207.35	0.00	207.87	0.00	208.39	0.09	208.91	0.15
207.36	0.00	207.88	0.00	208.40	0.09	208.92	0.15
207.37	0.00	207.89	0.00	208.41	0.09	208.93	0.15
207.38	0.00	207.90	0.00	208.42	0.09	208.94	0.15
207.39	0.00	207.91	0.00	208.43	0.09	208.95	0.15
207.40	0.00	207.92	0.00	208.44	0.10	208.96	0.15
207.41	0.00	207.93	0.00	208.45	0.10	208.97	0.15
207.42	0.00	207.94	0.00	208.46	0.10	208.98	0.15
207.43	0.00	207.95	0.00	208.47	0.10	208.99	0.15
207.44	0.00	207.96	0.00	208.48	0.10	209.00	0.16
207.45	0.00	207.97	0.00	208.49	0.10	209.01	0.17
207.46	0.00	207.98	0.00	208.50	0.10	209.02	0.19
207.47	0.00	207.99	0.00	208.51	0.10	209.03	0.23
207.48	0.00	208.00	0.00	208.52	0.11	209.04	0.26
207.49	0.00	208.01	0.00	208.53	0.11	209.05	0.31
207.50	0.00	208.02	0.00	208.54	0.11	209.06	0.35
207.51	0.00	208.03	0.00	208.55	0.11	209.07	0.40

Stage-Discharge for Pond B-7: Basin #7 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
209.08	0.46	209.60	6.10	210.12	12.79	210.64	20.18
209.09	0.51	209.61	6.24	210.13	12.82	210.65	20.87
209.10	0.58	209.62	6.39	210.14	12.84	210.66	21.60
209.11	0.64	209.63	6.54	210.15	12.87	210.67	22.34
209.12	0.71	209.64	6.69	210.16	12.89	210.68	23.11
209.13	0.78	209.65	6.84	210.17	12.92	210.69	23.90
209.14	0.85	209.66	6.99	210.18	12.94	210.70	24.70
209.15	0.92	209.67	7.14	210.19	12.96	210.71	25.57
209.16	1.00	209.68	7.29	210.20	12.99	210.72	26.47
209.17	1.08	209.69	7.44	210.21	13.01	210.73	27.39
209.18	1.16	209.70	7.60	210.22	13.04	210.74	28.33
209.19	1.24	209.71	7.76	210.23	13.06	210.75	29.30
209.20	1.33	209.72	7.91	210.24	13.08	210.76	30.30
209.21	1.42	209.73	8.07	210.25	13.11	210.77	31.32
209.22	1.51	209.74	8.23	210.26	13.13	210.78	32.36
209.23	1.60	209.75	8.39	210.27	13.15	210.79	33.43
209.24	1.69	209.76	8.55	210.28	13.18	210.80	34.53
209.25	1.79	209.77	8.71	210.29	13.20	210.81	35.65
209.26	1.89	209.78	8.87	210.30	13.23	210.82	36.79
209.27	1.99	209.79	9.03	210.31	13.25	210.83	37.96
209.28	2.09	209.80	9.20	210.32	13.27	210.84	39.15
209.29	2.19	209.81	9.36	210.33	13.30	210.85	40.36
209.30	2.30	209.82	9.53	210.34	13.32	210.86	41.60
209.31	2.40	209.83	9.70	210.35	13.34	210.87	42.87
209.32	2.51	209.84	9.86	210.36	13.37	210.88	44.16
209.33	2.62	209.85	10.03	210.37	13.39	210.89	45.47
209.34	2.73	209.86	10.20	210.38	13.41	210.90	46.80
209.35	2.84	209.87	10.37	210.39	13.44	210.91	48.19
209.36	2.96	209.88	10.54	210.40	13.46	210.92	49.60
209.37	3.07	209.89	10.71	210.41	13.48	210.93	51.04
209.38	3.19	209.90	10.89	210.42	13.51	210.94	52.51
209.39	3.31	209.91	11.06	210.43	13.53	210.95	54.00
209.40	3.43	209.92	11.23	210.44	13.55	210.96	55.52
209.41	3.55	209.93	11.41	210.45	13.58	210.97	57.06
209.42	3.67	209.94	11.58	210.46	13.60	210.98	58.63
209.43	3.80	209.95	11.76	210.47	13.62	210.99	60.23
209.44	3.92	209.96	11.94	210.48	13.64	211.00	61.85
209.45	4.05	209.97	12.11	210.49	13.67		
209.46	4.18	209.98	12.29	210.50	13.69		
209.47	4.31	209.99	12.47	210.51	13.83		
209.48	4.44	210.00	12.50	210.52	14.07		
209.49	4.57	210.01	12.52	210.53	14.37		
209.50	4.70	210.02	12.55	210.54	14.72		
209.51	4.84	210.03	12.57	210.55	15.12		
209.52	4.97	210.04	12.60	210.56	15.55		
209.53	5.11	210.05	12.62	210.57	16.02		
209.54	5.25	210.06	12.65	210.58	16.53		
209.55	5.39	210.07	12.67	210.59	17.07		
209.56	5.53	210.08	12.70	210.60	17.63		
209.57	5.67	210.09	12.72	210.61	18.23		
209.58	5.81	210.10	12.74	210.62	18.85		
209.59	5.95	210.11	12.77	210.63	19.50		

Stage-Area-Storage for Pond B-7: Basin #7

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.00	6,419	0	207.52	6,927	3,470
207.01	6,429	64	207.53	6,936	3,539
207.02	6,439	129	207.54	6,946	3,609
207.03	6,448	193	207.55	6,956	3,678
207.04	6,458	258	207.56	6,966	3,748
207.05	6,468	322	207.57	6,975	3,817
207.06	6,478	387	207.58	6,985	3,887
207.07	6,487	452	207.59	6,995	3,957
207.08	6,497	517	207.60	7,005	4,027
207.09	6,507	582	207.61	7,014	4,097
207.10	6,517	647	207.62	7,024	4,167
207.11	6,526	712	207.63	7,034	4,238
207.12	6,536	777	207.64	7,044	4,308
207.13	6,546	843	207.65	7,053	4,379
207.14	6,556	908	207.66	7,063	4,449
207.15	6,565	974	207.67	7,073	4,520
207.16	6,575	1,040	207.68	7,083	4,591
207.17	6,585	1,105	207.69	7,092	4,661
207.18	6,595	1,171	207.70	7,102	4,732
207.19	6,604	1,237	207.71	7,112	4,803
207.20	6,614	1,303	207.72	7,122	4,875
207.21	6,624	1,370	207.73	7,131	4,946
207.22	6,634	1,436	207.74	7,141	5,017
207.23	6,643	1,502	207.75	7,151	5,089
207.24	6,653	1,569	207.76	7,161	5,160
207.25	6,663	1,635	207.77	7,171	5,232
207.26	6,673	1,702	207.78	7,180	5,304
207.27	6,683	1,769	207.79	7,190	5,376
207.28	6,692	1,836	207.80	7,200	5,448
207.29	6,702	1,903	207.81	7,210	5,520
207.30	6,712	1,970	207.82	7,219	5,592
207.31	6,722	2,037	207.83	7,229	5,664
207.32	6,731	2,104	207.84	7,239	5,736
207.33	6,741	2,171	207.85	7,249	5,809
207.34	6,751	2,239	207.86	7,258	5,881
207.35	6,761	2,306	207.87	7,268	5,954
207.36	6,770	2,374	207.88	7,278	6,027
207.37	6,780	2,442	207.89	7,288	6,099
207.38	6,790	2,510	207.90	7,297	6,172
207.39	6,800	2,578	207.91	7,307	6,245
207.40	6,809	2,646	207.92	7,317	6,319
207.41	6,819	2,714	207.93	7,327	6,392
207.42	6,829	2,782	207.94	7,336	6,465
207.43	6,839	2,850	207.95	7,346	6,538
207.44	6,848	2,919	207.96	7,356	6,612
207.45	6,858	2,987	207.97	7,366	6,686
207.46	6,868	3,056	207.98	7,375	6,759
207.47	6,878	3,125	207.99	7,385	6,833
207.48	6,887	3,194	208.00	7,395	6,907
207.49	6,897	3,262	208.01	7,405	6,981
207.50	6,907	3,332	208.02	7,416	7,055
207.51	6,917	3,401	208.03	7,426	7,129

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.04	7,436	7,204	208.56	7,974	11,210
208.05	7,447	7,278	208.57	7,984	11,290
208.06	7,457	7,353	208.58	7,995	11,370
208.07	7,467	7,427	208.59	8,005	11,450
208.08	7,478	7,502	208.60	8,015	11,530
208.09	7,488	7,577	208.61	8,026	11,610
208.10	7,498	7,652	208.62	8,036	11,691
208.11	7,509	7,727	208.63	8,046	11,771
208.12	7,519	7,802	208.64	8,057	11,852
208.13	7,529	7,877	208.65	8,067	11,932
208.14	7,540	7,952	208.66	8,077	12,013
208.15	7,550	8,028	208.67	8,088	12,094
208.16	7,560	8,103	208.68	8,098	12,175
208.17	7,571	8,179	208.69	8,108	12,256
208.18	7,581	8,255	208.70	8,119	12,337
208.19	7,591	8,331	208.71	8,129	12,418
208.20	7,602	8,407	208.72	8,139	12,499
208.21	7,612	8,483	208.73	8,150	12,581
208.22	7,622	8,559	208.74	8,160	12,662
208.23	7,633	8,635	208.75	8,171	12,744
208.24	7,643	8,712	208.76	8,181	12,826
208.25	7,654	8,788	208.77	8,191	12,908
208.26	7,664	8,865	208.78	8,202	12,990
208.27	7,674	8,941	208.79	8,212	13,072
208.28	7,685	9,018	208.80	8,222	13,154
208.29	7,695	9,095	208.81	8,233	13,236
208.30	7,705	9,172	208.82	8,243	13,319
208.31	7,716	9,249	208.83	8,253	13,401
208.32	7,726	9,326	208.84	8,264	13,484
208.33	7,736	9,404	208.85	8,274	13,566
208.34	7,747	9,481	208.86	8,284	13,649
208.35	7,757	9,559	208.87	8,295	13,732
208.36	7,767	9,636	208.88	8,305	13,815
208.37	7,778	9,714	208.89	8,315	13,898
208.38	7,788	9,792	208.90	8,326	13,981
208.39	7,798	9,870	208.91	8,336	14,065
208.40	7,809	9,948	208.92	8,346	14,148
208.41	7,819	10,026	208.93	8,357	14,232
208.42	7,829	10,104	208.94	8,367	14,315
208.43	7,840	10,182	208.95	8,377	14,399
208.44	7,850	10,261	208.96	8,388	14,483
208.45	7,860	10,339	208.97	8,398	14,567
208.46	7,871	10,418	208.98	8,408	14,651
208.47	7,881	10,497	208.99	8,419	14,735
208.48	7,891	10,576	209.00	8,429	14,819
208.49	7,902	10,655	209.01	8,440	14,903
208.50	7,912	10,734	209.02	8,450	14,988
208.51	7,922	10,813	209.03	8,461	15,072
208.52	7,933	10,892	209.04	8,471	15,157
208.53	7,943	10,972	209.05	8,482	15,242
208.54	7,953	11,051	209.06	8,492	15,327
208.55	7,964	11,131	209.07	8,503	15,412

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
209.08	8,513	15,497	209.60	9,062	20,066
209.09	8,524	15,582	209.61	9,073	20,157
209.10	8,534	15,667	209.62	9,083	20,248
209.11	8,545	15,753	209.63	9,094	20,339
209.12	8,556	15,838	209.64	9,104	20,430
209.13	8,566	15,924	209.65	9,115	20,521
209.14	8,577	16,009	209.66	9,125	20,612
209.15	8,587	16,095	209.67	9,136	20,703
209.16	8,598	16,181	209.68	9,146	20,795
209.17	8,608	16,267	209.69	9,157	20,886
209.18	8,619	16,353	209.70	9,167	20,978
209.19	8,629	16,440	209.71	9,178	21,070
209.20	8,640	16,526	209.72	9,189	21,161
209.21	8,651	16,612	209.73	9,199	21,253
209.22	8,661	16,699	209.74	9,210	21,345
209.23	8,672	16,786	209.75	9,220	21,437
209.24	8,682	16,872	209.76	9,231	21,530
209.25	8,693	16,959	209.77	9,241	21,622
209.26	8,703	17,046	209.78	9,252	21,715
209.27	8,714	17,133	209.79	9,262	21,807
209.28	8,724	17,220	209.80	9,273	21,900
209.29	8,735	17,308	209.81	9,284	21,993
209.30	8,746	17,395	209.82	9,294	22,085
209.31	8,756	17,483	209.83	9,305	22,178
209.32	8,767	17,570	209.84	9,315	22,272
209.33	8,777	17,658	209.85	9,326	22,365
209.34	8,788	17,746	209.86	9,336	22,458
209.35	8,798	17,834	209.87	9,347	22,551
209.36	8,809	17,922	209.88	9,357	22,645
209.37	8,819	18,010	209.89	9,368	22,739
209.38	8,830	18,098	209.90	9,379	22,832
209.39	8,840	18,187	209.91	9,389	22,926
209.40	8,851	18,275	209.92	9,400	23,020
209.41	8,862	18,364	209.93	9,410	23,114
209.42	8,872	18,452	209.94	9,421	23,208
209.43	8,883	18,541	209.95	9,431	23,303
209.44	8,893	18,630	209.96	9,442	23,397
209.45	8,904	18,719	209.97	9,452	23,491
209.46	8,914	18,808	209.98	9,463	23,586
209.47	8,925	18,897	209.99	9,473	23,681
209.48	8,935	18,986	210.00	9,484	23,776
209.49	8,946	19,076	210.01	9,495	23,870
209.50	8,957	19,165	210.02	9,507	23,965
209.51	8,967	19,255	210.03	9,518	24,061
209.52	8,978	19,345	210.04	9,530	24,156
209.53	8,988	19,435	210.05	9,541	24,251
209.54	8,999	19,524	210.06	9,552	24,347
209.55	9,009	19,615	210.07	9,564	24,442
209.56	9,020	19,705	210.08	9,575	24,538
209.57	9,030	19,795	210.09	9,587	24,634
209.58	9,041	19,885	210.10	9,598	24,730
209.59	9,051	19,976	210.11	9,609	24,826

Stage-Area-Storage for Pond B-7: Basin #7 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.12	9,621	24,922	210.64	10,213	30,079
210.13	9,632	25,018	210.65	10,224	30,181
210.14	9,643	25,114	210.66	10,236	30,283
210.15	9,655	25,211	210.67	10,247	30,385
210.16	9,666	25,308	210.68	10,259	30,488
210.17	9,678	25,404	210.69	10,270	30,591
210.18	9,689	25,501	210.70	10,281	30,693
210.19	9,700	25,598	210.71	10,293	30,796
210.20	9,712	25,695	210.72	10,304	30,899
210.21	9,723	25,792	210.73	10,315	31,002
210.22	9,735	25,890	210.74	10,327	31,106
210.23	9,746	25,987	210.75	10,338	31,209
210.24	9,757	26,084	210.76	10,350	31,312
210.25	9,769	26,182	210.77	10,361	31,416
210.26	9,780	26,280	210.78	10,372	31,520
210.27	9,792	26,378	210.79	10,384	31,623
210.28	9,803	26,476	210.80	10,395	31,727
210.29	9,814	26,574	210.81	10,407	31,831
210.30	9,826	26,672	210.82	10,418	31,935
210.31	9,837	26,770	210.83	10,429	32,040
210.32	9,848	26,869	210.84	10,441	32,144
210.33	9,860	26,967	210.85	10,452	32,248
210.34	9,871	27,066	210.86	10,464	32,353
210.35	9,883	27,165	210.87	10,475	32,458
210.36	9,894	27,264	210.88	10,486	32,562
210.37	9,905	27,363	210.89	10,498	32,667
210.38	9,917	27,462	210.90	10,509	32,772
210.39	9,928	27,561	210.91	10,520	32,878
210.40	9,940	27,660	210.92	10,532	32,983
210.41	9,951	27,760	210.93	10,543	33,088
210.42	9,962	27,859	210.94	10,555	33,194
210.43	9,974	27,959	210.95	10,566	33,299
210.44	9,985	28,059	210.96	10,577	33,405
210.45	9,997	28,159	210.97	10,589	33,511
210.46	10,008	28,259	210.98	10,600	33,617
210.47	10,019	28,359	210.99	10,612	33,723
210.48	10,031	28,459	211.00	10,623	33,829
210.49	10,042	28,559			
210.50	10,054	28,660			
210.51	10,065	28,760			
210.52	10,076	28,861			
210.53	10,088	28,962			
210.54	10,099	29,063			
210.55	10,110	29,164			
210.56	10,122	29,265			
210.57	10,133	29,366			
210.58	10,145	29,468			
210.59	10,156	29,569			
210.60	10,167	29,671			
210.61	10,179	29,773			
210.62	10,190	29,874			
210.63	10,202	29,976			

Summary for Pond B-8: Basin #8

Inflow Area = 2.090 ac, 23.06% Impervious, Inflow Depth = 8.43" for Future 100 yr event
 Inflow = 18.29 cfs @ 12.17 hrs, Volume= 1.468 af
 Outflow = 10.06 cfs @ 12.32 hrs, Volume= 1.332 af, Atten= 45%, Lag= 8.8 min
 Primary = 10.06 cfs @ 12.32 hrs, Volume= 1.332 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.68' @ 12.32 hrs Surf.Area= 14,964 sf Storage= 23,674 cf

Plug-Flow detention time= 213.3 min calculated for 1.332 af (91% of inflow)
 Center-of-Mass det. time= 165.1 min (955.1 - 789.9)

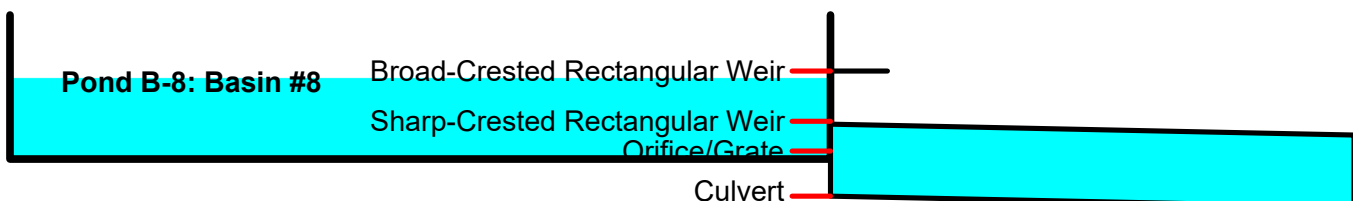
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	44,379 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	13,283	0	0
180.00	14,274	13,779	13,779
181.00	15,293	14,784	28,562
182.00	16,341	15,817	44,379

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 46.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.17'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	179.79'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.83'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

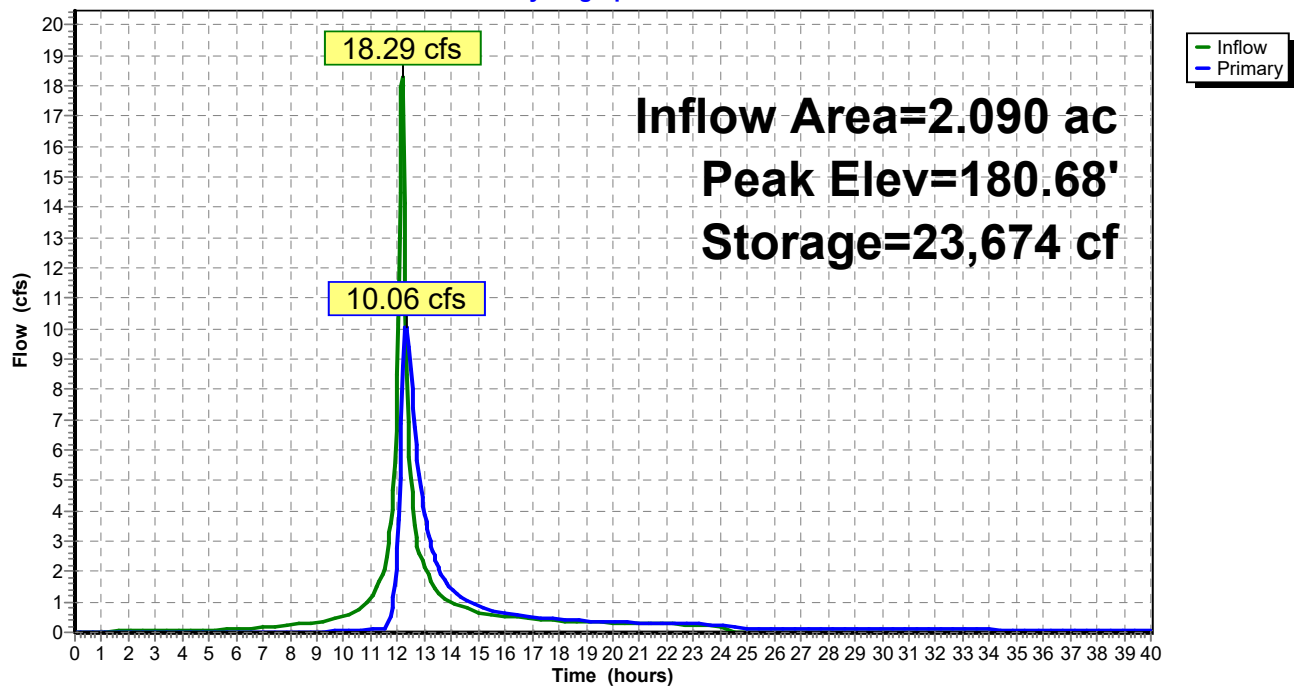
Primary OutFlow Max=10.04 cfs @ 12.32 hrs HW=180.67' (Free Discharge)

1=Culvert (Barrel Controls 10.04 cfs @ 5.68 fps)
 2=Orifice/Grate (Passes < 0.19 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 10.37 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-8: Basin #8

Hydrograph



Hydrograph for Pond B-8: Basin #8

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	0	179.00	0.00
0.60	0.01	2	179.00	0.00
0.70	0.01	5	179.00	0.00
0.80	0.02	10	179.00	0.00
0.90	0.02	17	179.00	0.00
1.00	0.02	25	179.00	0.00
1.10	0.03	34	179.00	0.00
1.20	0.03	45	179.00	0.00
1.30	0.03	56	179.00	0.00
1.40	0.04	68	179.01	0.00
1.50	0.04	81	179.01	0.00
1.60	0.04	95	179.01	0.00
1.70	0.04	110	179.01	0.00
1.80	0.04	125	179.01	0.00
1.90	0.05	141	179.01	0.00
2.00	0.05	158	179.01	0.00
2.10	0.05	175	179.01	0.00
2.20	0.05	193	179.01	0.00
2.30	0.05	211	179.02	0.00
2.40	0.05	230	179.02	0.00
2.50	0.05	249	179.02	0.00
2.60	0.06	269	179.02	0.00
2.70	0.06	289	179.02	0.00
2.80	0.06	309	179.02	0.00
2.90	0.06	330	179.02	0.00
3.00	0.06	351	179.03	0.00
3.10	0.06	373	179.03	0.00
3.20	0.06	395	179.03	0.00
3.30	0.06	417	179.03	0.00
3.40	0.06	440	179.03	0.00
3.50	0.06	463	179.03	0.00
3.60	0.07	486	179.04	0.00
3.70	0.07	510	179.04	0.00
3.80	0.07	534	179.04	0.00
3.90	0.07	558	179.04	0.00
4.00	0.07	582	179.04	0.00
4.10	0.07	607	179.05	0.00
4.20	0.07	632	179.05	0.00
4.30	0.07	657	179.05	0.00
4.40	0.07	683	179.05	0.00
4.50	0.07	709	179.05	0.00
4.60	0.07	735	179.06	0.00
4.70	0.07	761	179.06	0.00
4.80	0.07	788	179.06	0.00
4.90	0.08	815	179.06	0.00
5.00	0.08	842	179.06	0.00
5.10	0.08	869	179.07	0.00

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	897	179.07	0.00
5.30	0.08	926	179.07	0.00
5.40	0.08	956	179.07	0.00
5.50	0.09	987	179.07	0.00
5.60	0.09	1,019	179.08	0.00
5.70	0.09	1,053	179.08	0.00
5.80	0.10	1,087	179.08	0.00
5.90	0.10	1,123	179.08	0.00
6.00	0.10	1,160	179.09	0.00
6.10	0.11	1,199	179.09	0.00
6.20	0.11	1,238	179.09	0.00
6.30	0.12	1,280	179.10	0.00
6.40	0.12	1,324	179.10	0.00
6.50	0.13	1,370	179.10	0.00
6.60	0.14	1,418	179.11	0.00
6.70	0.14	1,468	179.11	0.00
6.80	0.15	1,521	179.11	0.00
6.90	0.16	1,575	179.12	0.00
7.00	0.16	1,632	179.12	0.00
7.10	0.17	1,692	179.13	0.00
7.20	0.18	1,754	179.13	0.00
7.30	0.18	1,818	179.14	0.00
7.40	0.19	1,885	179.14	0.00
7.50	0.20	1,955	179.15	0.00
7.60	0.20	2,027	179.15	0.00
7.70	0.21	2,102	179.16	0.00
7.80	0.22	2,180	179.16	0.00
7.90	0.23	2,260	179.17	0.00
8.00	0.24	2,344	179.18	0.00
8.10	0.24	2,430	179.18	0.00
8.20	0.25	2,519	179.19	0.00
8.30	0.26	2,611	179.20	0.00
8.40	0.27	2,705	179.20	0.00
8.50	0.28	2,802	179.21	0.00
8.60	0.29	2,903	179.22	0.00
8.70	0.29	3,005	179.22	0.01
8.80	0.30	3,111	179.23	0.01
8.90	0.31	3,218	179.24	0.01
9.00	0.32	3,329	179.25	0.01
9.10	0.33	3,442	179.26	0.01
9.20	0.35	3,561	179.27	0.02
9.30	0.38	3,686	179.27	0.02
9.40	0.40	3,818	179.28	0.02
9.50	0.42	3,958	179.29	0.03
9.60	0.45	4,105	179.31	0.03
9.70	0.48	4,261	179.32	0.03
9.80	0.50	4,424	179.33	0.04
9.90	0.53	4,595	179.34	0.04
10.00	0.56	4,774	179.35	0.05
10.10	0.59	4,962	179.37	0.05
10.20	0.61	5,159	179.38	0.05
10.30	0.64	5,366	179.40	0.06

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.67	5,582	179.41	0.06
10.50	0.70	5,807	179.43	0.06
10.60	0.75	6,044	179.45	0.07
10.70	0.83	6,304	179.47	0.07
10.80	0.93	6,594	179.49	0.08
10.90	1.03	6,918	179.51	0.08
11.00	1.13	7,277	179.54	0.08
11.10	1.26	7,675	179.57	0.09
11.20	1.44	8,127	179.60	0.09
11.30	1.63	8,643	179.64	0.10
11.40	1.84	9,230	179.68	0.10
11.50	2.04	9,889	179.72	0.11
11.60	2.48	10,646	179.78	0.12
11.70	3.30	11,626	179.85	0.31
11.80	4.04	12,740	179.93	0.79
11.90	5.51	14,025	180.02	1.54
12.00	8.45	15,717	180.14	2.76
12.10	14.50	18,381	180.32	5.07
12.20	17.66	22,023	180.57	8.78
12.30	10.72	23,643	180.67	10.05
12.40	6.90	23,156	180.64	9.87
12.50	5.07	21,918	180.56	8.67
12.60	4.11	20,695	180.48	7.36
12.70	3.11	19,543	180.40	6.19
12.80	2.68	18,531	180.33	5.21
12.90	2.41	17,711	180.27	4.45
13.00	2.17	17,044	180.23	3.86
13.10	1.94	16,485	180.19	3.38
13.20	1.74	16,002	180.15	2.99
13.30	1.60	15,587	180.13	2.66
13.40	1.47	15,231	180.10	2.39
13.50	1.34	14,920	180.08	2.16
13.60	1.22	14,641	180.06	1.96
13.70	1.12	14,388	180.04	1.79
13.80	1.07	14,166	180.03	1.64
13.90	1.03	13,977	180.01	1.51
14.00	1.00	13,817	180.00	1.41
14.10	0.97	13,679	179.99	1.32
14.20	0.93	13,558	179.98	1.25
14.30	0.90	13,450	179.98	1.19
14.40	0.87	13,353	179.97	1.13
14.50	0.84	13,263	179.96	1.08
14.60	0.81	13,180	179.96	1.03
14.70	0.77	13,102	179.95	0.99
14.80	0.74	13,027	179.95	0.95
14.90	0.71	12,954	179.94	0.91
15.00	0.68	12,884	179.94	0.87
15.10	0.64	12,816	179.93	0.83
15.20	0.62	12,750	179.93	0.80
15.30	0.60	12,688	179.92	0.77
15.40	0.59	12,633	179.92	0.74
15.50	0.59	12,583	179.92	0.72

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.58	12,539	179.91	0.69
15.70	0.57	12,499	179.91	0.67
15.80	0.56	12,462	179.91	0.66
15.90	0.55	12,429	179.91	0.64
16.00	0.54	12,398	179.90	0.63
16.10	0.53	12,370	179.90	0.61
16.20	0.53	12,343	179.90	0.60
16.30	0.52	12,318	179.90	0.59
16.40	0.51	12,293	179.90	0.58
16.50	0.50	12,269	179.89	0.57
16.60	0.49	12,245	179.89	0.56
16.70	0.48	12,222	179.89	0.55
16.80	0.47	12,199	179.89	0.54
16.90	0.47	12,177	179.89	0.53
17.00	0.46	12,155	179.89	0.52
17.10	0.45	12,134	179.88	0.51
17.20	0.44	12,112	179.88	0.50
17.30	0.43	12,091	179.88	0.49
17.40	0.42	12,070	179.88	0.48
17.50	0.41	12,049	179.88	0.47
17.60	0.41	12,028	179.88	0.46
17.70	0.40	12,008	179.88	0.45
17.80	0.39	11,987	179.87	0.45
17.90	0.38	11,967	179.87	0.44
18.00	0.37	11,946	179.87	0.43
18.10	0.36	11,926	179.87	0.42
18.20	0.36	11,905	179.87	0.41
18.30	0.35	11,886	179.87	0.41
18.40	0.35	11,867	179.87	0.40
18.50	0.35	11,850	179.86	0.39
18.60	0.34	11,834	179.86	0.39
18.70	0.34	11,820	179.86	0.38
18.80	0.34	11,807	179.86	0.38
18.90	0.34	11,794	179.86	0.37
19.00	0.34	11,782	179.86	0.37
19.10	0.33	11,771	179.86	0.36
19.20	0.33	11,761	179.86	0.36
19.30	0.33	11,751	179.86	0.36
19.40	0.33	11,741	179.86	0.35
19.50	0.33	11,732	179.86	0.35
19.60	0.32	11,724	179.86	0.35
19.70	0.32	11,716	179.85	0.34
19.80	0.32	11,708	179.85	0.34
19.90	0.32	11,700	179.85	0.34
20.00	0.32	11,693	179.85	0.34
20.10	0.31	11,685	179.85	0.33
20.20	0.31	11,678	179.85	0.33
20.30	0.31	11,671	179.85	0.33
20.40	0.31	11,664	179.85	0.33
20.50	0.30	11,657	179.85	0.32
20.60	0.30	11,650	179.85	0.32
20.70	0.30	11,644	179.85	0.32

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.30	11,638	179.85	0.32
20.90	0.30	11,631	179.85	0.31
21.00	0.29	11,624	179.85	0.31
21.10	0.29	11,618	179.85	0.31
21.20	0.29	11,611	179.85	0.31
21.30	0.29	11,605	179.85	0.30
21.40	0.29	11,599	179.85	0.30
21.50	0.28	11,593	179.85	0.30
21.60	0.28	11,587	179.85	0.30
21.70	0.28	11,580	179.85	0.30
21.80	0.28	11,574	179.84	0.29
21.90	0.27	11,568	179.84	0.29
22.00	0.27	11,562	179.84	0.29
22.10	0.27	11,556	179.84	0.29
22.20	0.27	11,550	179.84	0.28
22.30	0.27	11,544	179.84	0.28
22.40	0.26	11,538	179.84	0.28
22.50	0.26	11,532	179.84	0.28
22.60	0.26	11,525	179.84	0.28
22.70	0.26	11,520	179.84	0.27
22.80	0.25	11,514	179.84	0.27
22.90	0.25	11,507	179.84	0.27
23.00	0.25	11,501	179.84	0.27
23.10	0.25	11,495	179.84	0.27
23.20	0.25	11,488	179.84	0.26
23.30	0.24	11,482	179.84	0.26
23.40	0.24	11,475	179.84	0.26
23.50	0.24	11,468	179.84	0.26
23.60	0.24	11,461	179.84	0.26
23.70	0.24	11,454	179.84	0.26
23.80	0.23	11,446	179.84	0.25
23.90	0.23	11,439	179.84	0.25
24.00	0.24	11,433	179.83	0.25
24.10	0.21	11,428	179.83	0.25
24.20	0.06	11,386	179.83	0.24
24.30	0.01	11,316	179.83	0.22
24.40	0.00	11,243	179.82	0.20
24.50	0.00	11,175	179.82	0.18
24.60	0.00	11,113	179.81	0.16
24.70	0.00	11,056	179.81	0.15
24.80	0.00	11,002	179.80	0.15
24.90	0.00	10,951	179.80	0.14
25.00	0.00	10,902	179.80	0.13
25.10	0.00	10,856	179.79	0.13
25.20	0.00	10,812	179.79	0.12
25.30	0.00	10,770	179.79	0.12
25.40	0.00	10,727	179.78	0.12
25.50	0.00	10,685	179.78	0.12
25.60	0.00	10,643	179.78	0.12
25.70	0.00	10,601	179.78	0.12
25.80	0.00	10,560	179.77	0.12
25.90	0.00	10,518	179.77	0.12

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,476	179.77	0.12
26.10	0.00	10,435	179.76	0.11
26.20	0.00	10,394	179.76	0.11
26.30	0.00	10,353	179.76	0.11
26.40	0.00	10,311	179.76	0.11
26.50	0.00	10,271	179.75	0.11
26.60	0.00	10,230	179.75	0.11
26.70	0.00	10,189	179.75	0.11
26.80	0.00	10,149	179.74	0.11
26.90	0.00	10,108	179.74	0.11
27.00	0.00	10,068	179.74	0.11
27.10	0.00	10,028	179.73	0.11
27.20	0.00	9,988	179.73	0.11
27.30	0.00	9,948	179.73	0.11
27.40	0.00	9,908	179.73	0.11
27.50	0.00	9,868	179.72	0.11
27.60	0.00	9,829	179.72	0.11
27.70	0.00	9,789	179.72	0.11
27.80	0.00	9,750	179.71	0.11
27.90	0.00	9,711	179.71	0.11
28.00	0.00	9,672	179.71	0.11
28.10	0.00	9,633	179.71	0.11
28.20	0.00	9,594	179.70	0.11
28.30	0.00	9,556	179.70	0.11
28.40	0.00	9,517	179.70	0.11
28.50	0.00	9,479	179.70	0.11
28.60	0.00	9,440	179.69	0.11
28.70	0.00	9,402	179.69	0.11
28.80	0.00	9,364	179.69	0.11
28.90	0.00	9,326	179.68	0.11
29.00	0.00	9,288	179.68	0.10
29.10	0.00	9,251	179.68	0.10
29.20	0.00	9,213	179.68	0.10
29.30	0.00	9,176	179.67	0.10
29.40	0.00	9,138	179.67	0.10
29.50	0.00	9,101	179.67	0.10
29.60	0.00	9,064	179.67	0.10
29.70	0.00	9,027	179.66	0.10
29.80	0.00	8,991	179.66	0.10
29.90	0.00	8,954	179.66	0.10
30.00	0.00	8,917	179.66	0.10
30.10	0.00	8,881	179.65	0.10
30.20	0.00	8,845	179.65	0.10
30.30	0.00	8,809	179.65	0.10
30.40	0.00	8,772	179.64	0.10
30.50	0.00	8,737	179.64	0.10
30.60	0.00	8,701	179.64	0.10
30.70	0.00	8,665	179.64	0.10
30.80	0.00	8,630	179.63	0.10
30.90	0.00	8,594	179.63	0.10
31.00	0.00	8,559	179.63	0.10
31.10	0.00	8,524	179.63	0.10

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,489	179.62	0.10
31.30	0.00	8,454	179.62	0.10
31.40	0.00	8,419	179.62	0.10
31.50	0.00	8,384	179.62	0.10
31.60	0.00	8,350	179.61	0.10
31.70	0.00	8,315	179.61	0.10
31.80	0.00	8,281	179.61	0.10
31.90	0.00	8,247	179.61	0.09
32.00	0.00	8,213	179.60	0.09
32.10	0.00	8,179	179.60	0.09
32.20	0.00	8,145	179.60	0.09
32.30	0.00	8,112	179.60	0.09
32.40	0.00	8,078	179.59	0.09
32.50	0.00	8,045	179.59	0.09
32.60	0.00	8,011	179.59	0.09
32.70	0.00	7,978	179.59	0.09
32.80	0.00	7,945	179.59	0.09
32.90	0.00	7,912	179.58	0.09
33.00	0.00	7,880	179.58	0.09
33.10	0.00	7,847	179.58	0.09
33.20	0.00	7,814	179.58	0.09
33.30	0.00	7,782	179.57	0.09
33.40	0.00	7,750	179.57	0.09
33.50	0.00	7,718	179.57	0.09
33.60	0.00	7,686	179.57	0.09
33.70	0.00	7,654	179.56	0.09
33.80	0.00	7,622	179.56	0.09
33.90	0.00	7,590	179.56	0.09
34.00	0.00	7,559	179.56	0.09
34.10	0.00	7,528	179.56	0.09
34.20	0.00	7,496	179.55	0.09
34.30	0.00	7,465	179.55	0.09
34.40	0.00	7,434	179.55	0.09
34.50	0.00	7,403	179.55	0.09
34.60	0.00	7,373	179.54	0.09
34.70	0.00	7,342	179.54	0.08
34.80	0.00	7,311	179.54	0.08
34.90	0.00	7,281	179.54	0.08
35.00	0.00	7,251	179.54	0.08
35.10	0.00	7,221	179.53	0.08
35.20	0.00	7,191	179.53	0.08
35.30	0.00	7,161	179.53	0.08
35.40	0.00	7,131	179.53	0.08
35.50	0.00	7,101	179.52	0.08
35.60	0.00	7,072	179.52	0.08
35.70	0.00	7,043	179.52	0.08
35.80	0.00	7,013	179.52	0.08
35.90	0.00	6,984	179.52	0.08
36.00	0.00	6,955	179.51	0.08
36.10	0.00	6,926	179.51	0.08
36.20	0.00	6,898	179.51	0.08
36.30	0.00	6,869	179.51	0.08

Hydrograph for Pond B-8: Basin #8 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,841	179.51	0.08
36.50	0.00	6,812	179.50	0.08
36.60	0.00	6,784	179.50	0.08
36.70	0.00	6,756	179.50	0.08
36.80	0.00	6,728	179.50	0.08
36.90	0.00	6,700	179.50	0.08
37.00	0.00	6,672	179.49	0.08
37.10	0.00	6,645	179.49	0.08
37.20	0.00	6,617	179.49	0.08
37.30	0.00	6,590	179.49	0.08
37.40	0.00	6,563	179.49	0.08
37.50	0.00	6,536	179.48	0.08
37.60	0.00	6,509	179.48	0.07
37.70	0.00	6,482	179.48	0.07
37.80	0.00	6,455	179.48	0.07
37.90	0.00	6,429	179.48	0.07
38.00	0.00	6,402	179.47	0.07
38.10	0.00	6,376	179.47	0.07
38.20	0.00	6,350	179.47	0.07
38.30	0.00	6,324	179.47	0.07
38.40	0.00	6,298	179.47	0.07
38.50	0.00	6,272	179.46	0.07
38.60	0.00	6,246	179.46	0.07
38.70	0.00	6,221	179.46	0.07
38.80	0.00	6,195	179.46	0.07
38.90	0.00	6,170	179.46	0.07
39.00	0.00	6,145	179.45	0.07
39.10	0.00	6,120	179.45	0.07
39.20	0.00	6,095	179.45	0.07
39.30	0.00	6,070	179.45	0.07
39.40	0.00	6,046	179.45	0.07
39.50	0.00	6,021	179.45	0.07
39.60	0.00	5,997	179.44	0.07
39.70	0.00	5,972	179.44	0.07
39.80	0.00	5,948	179.44	0.07
39.90	0.00	5,924	179.44	0.07
40.00	0.00	5,900	179.44	0.07

Stage-Discharge for Pond B-8: Basin #8

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.08	180.04	1.76	180.56	8.68
179.01	0.00	179.53	0.08	180.05	1.86	180.57	8.85
179.02	0.00	179.54	0.08	180.06	1.96	180.58	9.01
179.03	0.00	179.55	0.09	180.07	2.06	180.59	9.17
179.04	0.00	179.56	0.09	180.08	2.16	180.60	9.34
179.05	0.00	179.57	0.09	180.09	2.27	180.61	9.50
179.06	0.00	179.58	0.09	180.10	2.37	180.62	9.67
179.07	0.00	179.59	0.09	180.11	2.48	180.63	9.84
179.08	0.00	179.60	0.09	180.12	2.59	180.64	9.90
179.09	0.00	179.61	0.10	180.13	2.70	180.65	9.94
179.10	0.00	179.62	0.10	180.14	2.81	180.66	9.98
179.11	0.00	179.63	0.10	180.15	2.93	180.67	10.03
179.12	0.00	179.64	0.10	180.16	3.04	180.68	10.07
179.13	0.00	179.65	0.10	180.17	3.16	180.69	10.11
179.14	0.00	179.66	0.10	180.18	3.28	180.70	10.15
179.15	0.00	179.67	0.10	180.19	3.40	180.71	10.19
179.16	0.00	179.68	0.10	180.20	3.52	180.72	10.24
179.17	0.00	179.69	0.11	180.21	3.64	180.73	10.28
179.18	0.00	179.70	0.11	180.22	3.77	180.74	10.32
179.19	0.00	179.71	0.11	180.23	3.89	180.75	10.36
179.20	0.00	179.72	0.11	180.24	4.02	180.76	10.40
179.21	0.00	179.73	0.11	180.25	4.15	180.77	10.44
179.22	0.00	179.74	0.11	180.26	4.28	180.78	10.49
179.23	0.01	179.75	0.11	180.27	4.41	180.79	10.53
179.24	0.01	179.76	0.11	180.28	4.54	180.80	10.57
179.25	0.01	179.77	0.12	180.29	4.67	180.81	10.61
179.26	0.01	179.78	0.12	180.30	4.81	180.82	10.65
179.27	0.02	179.79	0.12	180.31	4.94	180.83	10.69
179.28	0.02	179.80	0.13	180.32	5.08	180.84	10.85
179.29	0.02	179.81	0.16	180.33	5.22	180.85	11.10
179.30	0.03	179.82	0.19	180.34	5.36	180.86	11.42
179.31	0.03	179.83	0.23	180.35	5.50	180.87	11.79
179.32	0.03	179.84	0.27	180.36	5.64	180.88	12.20
179.33	0.04	179.85	0.32	180.37	5.78	180.89	12.65
179.34	0.04	179.86	0.37	180.38	5.93	180.90	13.14
179.35	0.05	179.87	0.42	180.39	6.07	180.91	13.66
179.36	0.05	179.88	0.48	180.40	6.22	180.92	14.22
179.37	0.05	179.89	0.54	180.41	6.36	180.93	14.80
179.38	0.05	179.90	0.60	180.42	6.51	180.94	15.41
179.39	0.06	179.91	0.67	180.43	6.66	180.95	16.05
179.40	0.06	179.92	0.74	180.44	6.81	180.96	16.72
179.41	0.06	179.93	0.81	180.45	6.96	180.97	17.41
179.42	0.06	179.94	0.89	180.46	7.11	180.98	18.12
179.43	0.06	179.95	0.97	180.47	7.26	180.99	18.86
179.44	0.07	179.96	1.04	180.48	7.42	181.00	19.62
179.45	0.07	179.97	1.13	180.49	7.57	181.01	20.40
179.46	0.07	179.98	1.21	180.50	7.73	181.02	21.20
179.47	0.07	179.99	1.30	180.51	7.89	181.03	22.03
179.48	0.07	180.00	1.39	180.52	8.04	181.04	22.91
179.49	0.08	180.01	1.48	180.53	8.20	181.05	23.82
179.50	0.08	180.02	1.57	180.54	8.36	181.06	24.76
179.51	0.08	180.03	1.66	180.55	8.52	181.07	25.72

Stage-Discharge for Pond B-8: Basin #8 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	26.70	181.60	107.42
181.09	27.71	181.61	109.30
181.10	28.75	181.62	111.19
181.11	29.81	181.63	113.09
181.12	30.89	181.64	115.04
181.13	32.00	181.65	117.01
181.14	33.13	181.66	118.98
181.15	34.29	181.67	120.98
181.16	35.47	181.68	122.98
181.17	36.68	181.69	125.00
181.18	37.91	181.70	127.03
181.19	39.16	181.71	129.07
181.20	40.44	181.72	131.13
181.21	41.74	181.73	133.19
181.22	43.07	181.74	135.28
181.23	44.42	181.75	137.37
181.24	45.82	181.76	139.48
181.25	47.25	181.77	141.60
181.26	48.70	181.78	143.73
181.27	50.18	181.79	145.87
181.28	51.68	181.80	148.03
181.29	53.22	181.81	150.20
181.30	54.77	181.82	152.38
181.31	56.36	181.83	154.58
181.32	57.97	181.84	156.73
181.33	59.60	181.85	158.90
181.34	61.27	181.86	161.07
181.35	62.95	181.87	163.26
181.36	64.67	181.88	165.46
181.37	66.41	181.89	167.66
181.38	68.18	181.90	169.88
181.39	69.98	181.91	172.11
181.40	71.80	181.92	174.35
181.41	73.65	181.93	176.60
181.42	75.52	181.94	178.86
181.43	77.42	181.95	181.13
181.44	79.09	181.96	183.41
181.45	80.76	181.97	185.70
181.46	82.45	181.98	188.00
181.47	84.15	181.99	190.31
181.48	85.86	182.00	192.63
181.49	87.59		
181.50	89.33		
181.51	91.08		
181.52	92.84		
181.53	94.62		
181.54	96.41		
181.55	98.22		
181.56	100.03		
181.57	101.86		
181.58	103.70		
181.59	105.56		

Stage-Area-Storage for Pond B-8: Basin #8

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	13,283	0	179.52	13,798	7,041
179.01	13,293	133	179.53	13,808	7,179
179.02	13,303	266	179.54	13,818	7,317
179.03	13,313	399	179.55	13,828	7,456
179.04	13,323	532	179.56	13,838	7,594
179.05	13,333	665	179.57	13,848	7,732
179.06	13,342	799	179.58	13,858	7,871
179.07	13,352	932	179.59	13,868	8,009
179.08	13,362	1,066	179.60	13,878	8,148
179.09	13,372	1,199	179.61	13,888	8,287
179.10	13,382	1,333	179.62	13,897	8,426
179.11	13,392	1,467	179.63	13,907	8,565
179.12	13,402	1,601	179.64	13,917	8,704
179.13	13,412	1,735	179.65	13,927	8,843
179.14	13,422	1,869	179.66	13,937	8,983
179.15	13,432	2,004	179.67	13,947	9,122
179.16	13,442	2,138	179.68	13,957	9,262
179.17	13,451	2,272	179.69	13,967	9,401
179.18	13,461	2,407	179.70	13,977	9,541
179.19	13,471	2,542	179.71	13,987	9,681
179.20	13,481	2,676	179.72	13,997	9,821
179.21	13,491	2,811	179.73	14,006	9,961
179.22	13,501	2,946	179.74	14,016	10,101
179.23	13,511	3,081	179.75	14,026	10,241
179.24	13,521	3,216	179.76	14,036	10,381
179.25	13,531	3,352	179.77	14,046	10,522
179.26	13,541	3,487	179.78	14,056	10,662
179.27	13,551	3,623	179.79	14,066	10,803
179.28	13,560	3,758	179.80	14,076	10,944
179.29	13,570	3,894	179.81	14,086	11,084
179.30	13,580	4,029	179.82	14,096	11,225
179.31	13,590	4,165	179.83	14,106	11,366
179.32	13,600	4,301	179.84	14,115	11,507
179.33	13,610	4,437	179.85	14,125	11,649
179.34	13,620	4,573	179.86	14,135	11,790
179.35	13,630	4,710	179.87	14,145	11,931
179.36	13,640	4,846	179.88	14,155	12,073
179.37	13,650	4,983	179.89	14,165	12,214
179.38	13,660	5,119	179.90	14,175	12,356
179.39	13,669	5,256	179.91	14,185	12,498
179.40	13,679	5,392	179.92	14,195	12,640
179.41	13,689	5,529	179.93	14,205	12,782
179.42	13,699	5,666	179.94	14,215	12,924
179.43	13,709	5,803	179.95	14,224	13,066
179.44	13,719	5,940	179.96	14,234	13,208
179.45	13,729	6,078	179.97	14,244	13,351
179.46	13,739	6,215	179.98	14,254	13,493
179.47	13,749	6,352	179.99	14,264	13,636
179.48	13,759	6,490	180.00	14,274	13,779
179.49	13,769	6,628	180.01	14,284	13,921
179.50	13,779	6,765	180.02	14,294	14,064
179.51	13,788	6,903	180.03	14,305	14,207

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	14,315	14,350	180.56	14,845	21,932
180.05	14,325	14,493	180.57	14,855	22,080
180.06	14,335	14,637	180.58	14,865	22,229
180.07	14,345	14,780	180.59	14,875	22,378
180.08	14,356	14,924	180.60	14,885	22,526
180.09	14,366	15,067	180.61	14,896	22,675
180.10	14,376	15,211	180.62	14,906	22,824
180.11	14,386	15,355	180.63	14,916	22,973
180.12	14,396	15,499	180.64	14,926	23,123
180.13	14,406	15,643	180.65	14,936	23,272
180.14	14,417	15,787	180.66	14,947	23,421
180.15	14,427	15,931	180.67	14,957	23,571
180.16	14,437	16,075	180.68	14,967	23,720
180.17	14,447	16,220	180.69	14,977	23,870
180.18	14,457	16,364	180.70	14,987	24,020
180.19	14,468	16,509	180.71	14,997	24,170
180.20	14,478	16,654	180.72	15,008	24,320
180.21	14,488	16,799	180.73	15,018	24,470
180.22	14,498	16,943	180.74	15,028	24,620
180.23	14,508	17,088	180.75	15,038	24,771
180.24	14,519	17,234	180.76	15,048	24,921
180.25	14,529	17,379	180.77	15,059	25,072
180.26	14,539	17,524	180.78	15,069	25,222
180.27	14,549	17,670	180.79	15,079	25,373
180.28	14,559	17,815	180.80	15,089	25,524
180.29	14,570	17,961	180.81	15,099	25,675
180.30	14,580	18,107	180.82	15,110	25,826
180.31	14,590	18,252	180.83	15,120	25,977
180.32	14,600	18,398	180.84	15,130	26,128
180.33	14,610	18,544	180.85	15,140	26,280
180.34	14,620	18,691	180.86	15,150	26,431
180.35	14,631	18,837	180.87	15,161	26,583
180.36	14,641	18,983	180.88	15,171	26,734
180.37	14,651	19,130	180.89	15,181	26,886
180.38	14,661	19,276	180.90	15,191	27,038
180.39	14,671	19,423	180.91	15,201	27,190
180.40	14,682	19,570	180.92	15,211	27,342
180.41	14,692	19,716	180.93	15,222	27,494
180.42	14,702	19,863	180.94	15,232	27,646
180.43	14,712	20,011	180.95	15,242	27,799
180.44	14,722	20,158	180.96	15,252	27,951
180.45	14,733	20,305	180.97	15,262	28,104
180.46	14,743	20,452	180.98	15,273	28,256
180.47	14,753	20,600	180.99	15,283	28,409
180.48	14,763	20,747	181.00	15,293	28,562
180.49	14,773	20,895	181.01	15,303	28,715
180.50	14,784	21,043	181.02	15,314	28,868
180.51	14,794	21,191	181.03	15,324	29,021
180.52	14,804	21,339	181.04	15,335	29,175
180.53	14,814	21,487	181.05	15,345	29,328
180.54	14,824	21,635	181.06	15,356	29,481
180.55	14,834	21,783	181.07	15,366	29,635

Stage-Area-Storage for Pond B-8: Basin #8 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	15,377	29,789	181.60	15,922	37,926
181.09	15,387	29,943	181.61	15,932	38,086
181.10	15,398	30,097	181.62	15,943	38,245
181.11	15,408	30,251	181.63	15,953	38,405
181.12	15,419	30,405	181.64	15,964	38,564
181.13	15,429	30,559	181.65	15,974	38,724
181.14	15,440	30,713	181.66	15,985	38,884
181.15	15,450	30,868	181.67	15,995	39,044
181.16	15,461	31,022	181.68	16,006	39,204
181.17	15,471	31,177	181.69	16,016	39,364
181.18	15,482	31,332	181.70	16,027	39,524
181.19	15,492	31,487	181.71	16,037	39,684
181.20	15,503	31,642	181.72	16,048	39,845
181.21	15,513	31,797	181.73	16,058	40,005
181.22	15,524	31,952	181.74	16,069	40,166
181.23	15,534	32,107	181.75	16,079	40,327
181.24	15,545	32,263	181.76	16,089	40,487
181.25	15,555	32,418	181.77	16,100	40,648
181.26	15,565	32,574	181.78	16,110	40,809
181.27	15,576	32,729	181.79	16,121	40,970
181.28	15,586	32,885	181.80	16,131	41,132
181.29	15,597	33,041	181.81	16,142	41,293
181.30	15,607	33,197	181.82	16,152	41,455
181.31	15,618	33,353	181.83	16,163	41,616
181.32	15,628	33,509	181.84	16,173	41,778
181.33	15,639	33,666	181.85	16,184	41,940
181.34	15,649	33,822	181.86	16,194	42,102
181.35	15,660	33,979	181.87	16,205	42,264
181.36	15,670	34,135	181.88	16,215	42,426
181.37	15,681	34,292	181.89	16,226	42,588
181.38	15,691	34,449	181.90	16,236	42,750
181.39	15,702	34,606	181.91	16,247	42,913
181.40	15,712	34,763	181.92	16,257	43,075
181.41	15,723	34,920	181.93	16,268	43,238
181.42	15,733	35,077	181.94	16,278	43,400
181.43	15,744	35,235	181.95	16,289	43,563
181.44	15,754	35,392	181.96	16,299	43,726
181.45	15,765	35,550	181.97	16,310	43,889
181.46	15,775	35,708	181.98	16,320	44,052
181.47	15,786	35,865	181.99	16,331	44,216
181.48	15,796	36,023	182.00	16,341	44,379
181.49	15,807	36,181			
181.50	15,817	36,340			
181.51	15,827	36,498			
181.52	15,838	36,656			
181.53	15,848	36,814			
181.54	15,859	36,973			
181.55	15,869	37,132			
181.56	15,880	37,290			
181.57	15,890	37,449			
181.58	15,901	37,608			
181.59	15,911	37,767			

Summary for Pond B-9: Basin #9

Inflow Area = 1.503 ac, 52.63% Impervious, Inflow Depth = 9.34" for Future 100 yr event
 Inflow = 13.93 cfs @ 12.17 hrs, Volume= 1.170 af
 Outflow = 3.46 cfs @ 12.55 hrs, Volume= 0.865 af, Atten= 75%, Lag= 22.8 min
 Primary = 3.46 cfs @ 12.55 hrs, Volume= 0.865 af
 Routed to Link PDA-1ON : PDA-1 (onsite)

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.40' @ 12.55 hrs Surf.Area= 13,121 sf Storage= 28,561 cf

Plug-Flow detention time= 497.4 min calculated for 0.865 af (74% of inflow)
 Center-of-Mass det. time= 405.2 min (1,173.7 - 768.5)

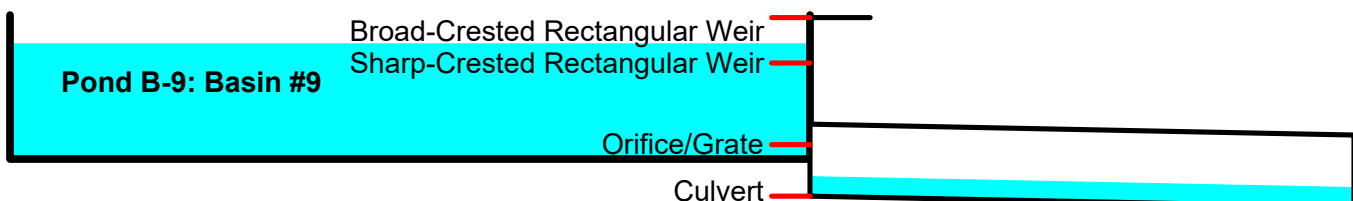
Volume	Invert	Avail.Storage	Storage Description
#1	179.00'	36,641 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
179.00	10,720	0	0
180.00	11,700	11,210	11,210
181.00	12,708	12,204	23,414
182.00	13,745	13,227	36,641

Device	Routing	Invert	Outlet Devices
#1	Primary	178.23'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 178.23' / 178.00' S= 0.0051 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	179.30'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	181.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

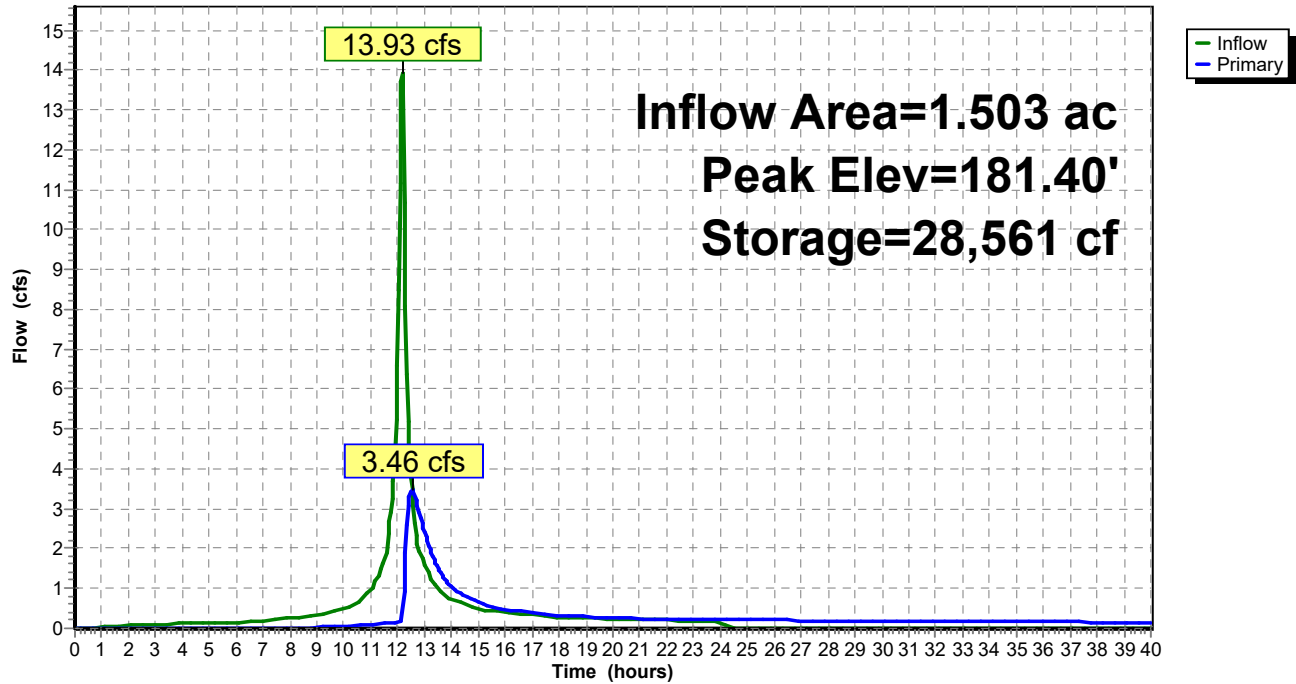
Primary OutFlow Max=3.46 cfs @ 12.55 hrs HW=181.40' (Free Discharge)

- 1=Culvert (Passes 3.46 cfs of 12.82 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.80 fps)
- 3=Sharp-Crested Rectangular Weir(Weir Controls 3.22 cfs @ 2.06 fps)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-9: Basin #9

Hydrograph



Hydrograph for Pond B-9: Basin #9

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	179.00	0.00
0.10	0.00	0	179.00	0.00
0.20	0.00	0	179.00	0.00
0.30	0.00	0	179.00	0.00
0.40	0.00	0	179.00	0.00
0.50	0.00	1	179.00	0.00
0.60	0.01	3	179.00	0.00
0.70	0.02	9	179.00	0.00
0.80	0.03	17	179.00	0.00
0.90	0.03	28	179.00	0.00
1.00	0.04	41	179.00	0.00
1.10	0.04	56	179.01	0.00
1.20	0.05	73	179.01	0.00
1.30	0.05	92	179.01	0.00
1.40	0.06	112	179.01	0.00
1.50	0.06	133	179.01	0.00
1.60	0.07	156	179.01	0.00
1.70	0.07	181	179.02	0.00
1.80	0.07	206	179.02	0.00
1.90	0.07	232	179.02	0.00
2.00	0.08	259	179.02	0.00
2.10	0.08	288	179.03	0.00
2.20	0.08	317	179.03	0.00
2.30	0.08	347	179.03	0.00
2.40	0.09	377	179.04	0.00
2.50	0.09	409	179.04	0.00
2.60	0.09	441	179.04	0.00
2.70	0.09	474	179.04	0.00
2.80	0.09	508	179.05	0.00
2.90	0.10	542	179.05	0.00
3.00	0.10	577	179.05	0.00
3.10	0.10	612	179.06	0.00
3.20	0.10	648	179.06	0.00
3.30	0.10	685	179.06	0.00
3.40	0.10	722	179.07	0.00
3.50	0.11	759	179.07	0.00
3.60	0.11	798	179.07	0.00
3.70	0.11	836	179.08	0.00
3.80	0.11	876	179.08	0.00
3.90	0.11	915	179.09	0.00
4.00	0.11	955	179.09	0.00
4.10	0.11	996	179.09	0.00
4.20	0.11	1,037	179.10	0.00
4.30	0.12	1,079	179.10	0.00
4.40	0.12	1,121	179.10	0.00
4.50	0.12	1,163	179.11	0.00
4.60	0.12	1,206	179.11	0.00
4.70	0.12	1,249	179.12	0.00
4.80	0.12	1,293	179.12	0.00
4.90	0.12	1,337	179.12	0.00
5.00	0.12	1,382	179.13	0.00
5.10	0.13	1,427	179.13	0.00

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,472	179.14	0.00
5.30	0.13	1,518	179.14	0.00
5.40	0.13	1,565	179.15	0.00
5.50	0.13	1,613	179.15	0.00
5.60	0.14	1,661	179.15	0.00
5.70	0.14	1,711	179.16	0.00
5.80	0.14	1,761	179.16	0.00
5.90	0.14	1,812	179.17	0.00
6.00	0.14	1,864	179.17	0.00
6.10	0.15	1,916	179.18	0.00
6.20	0.15	1,970	179.18	0.00
6.30	0.16	2,026	179.19	0.00
6.40	0.16	2,084	179.19	0.00
6.50	0.17	2,143	179.20	0.00
6.60	0.17	2,204	179.20	0.00
6.70	0.18	2,267	179.21	0.00
6.80	0.18	2,332	179.22	0.00
6.90	0.19	2,399	179.22	0.00
7.00	0.19	2,468	179.23	0.00
7.10	0.20	2,539	179.23	0.00
7.20	0.21	2,613	179.24	0.00
7.30	0.21	2,688	179.25	0.00
7.40	0.22	2,765	179.25	0.00
7.50	0.22	2,844	179.26	0.00
7.60	0.23	2,926	179.27	0.00
7.70	0.23	3,009	179.28	0.00
7.80	0.24	3,095	179.28	0.00
7.90	0.25	3,182	179.29	0.00
8.00	0.25	3,273	179.30	0.00
8.10	0.26	3,365	179.31	0.00
8.20	0.27	3,459	179.32	0.00
8.30	0.27	3,555	179.33	0.00
8.40	0.28	3,654	179.34	0.00
8.50	0.28	3,754	179.34	0.00
8.60	0.29	3,856	179.35	0.01
8.70	0.30	3,959	179.36	0.01
8.80	0.30	4,065	179.37	0.01
8.90	0.31	4,171	179.38	0.01
9.00	0.32	4,279	179.39	0.02
9.10	0.33	4,389	179.40	0.02
9.20	0.34	4,503	179.41	0.02
9.30	0.36	4,622	179.42	0.03
9.40	0.38	4,746	179.43	0.03
9.50	0.40	4,877	179.45	0.03
9.60	0.42	5,013	179.46	0.04
9.70	0.45	5,156	179.47	0.04
9.80	0.47	5,304	179.48	0.05
9.90	0.49	5,459	179.50	0.05
10.00	0.51	5,620	179.51	0.05
10.10	0.53	5,788	179.53	0.06
10.20	0.56	5,962	179.54	0.06
10.30	0.58	6,144	179.56	0.06

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.60	6,332	179.58	0.07
10.50	0.62	6,528	179.59	0.07
10.60	0.66	6,732	179.61	0.07
10.70	0.73	6,954	179.63	0.08
10.80	0.81	7,202	179.65	0.08
10.90	0.89	7,476	179.68	0.09
11.00	0.97	7,779	179.70	0.09
11.10	1.07	8,112	179.73	0.09
11.20	1.21	8,487	179.76	0.10
11.30	1.36	8,914	179.80	0.10
11.40	1.52	9,395	179.84	0.11
11.50	1.68	9,932	179.89	0.11
11.60	2.03	10,544	179.94	0.12
11.70	2.67	11,350	180.01	0.13
11.80	3.23	12,355	180.10	0.14
11.90	4.36	13,655	180.21	0.15
12.00	6.60	15,527	180.36	0.16
12.10	11.15	18,593	180.61	0.18
12.20	13.41	23,201	180.98	0.21
12.30	8.08	26,700	181.26	1.90
12.40	5.18	28,123	181.37	3.06
12.50	3.79	28,528	181.40	3.43
12.60	3.07	28,528	181.40	3.43
12.70	2.31	28,287	181.38	3.21
12.80	1.99	27,953	181.35	2.92
12.90	1.79	27,633	181.33	2.64
13.00	1.61	27,339	181.31	2.40
13.10	1.44	27,066	181.28	2.18
13.20	1.29	26,809	181.26	1.98
13.30	1.18	26,574	181.25	1.80
13.40	1.09	26,362	181.23	1.65
13.50	1.00	26,168	181.21	1.51
13.60	0.90	25,989	181.20	1.39
13.70	0.83	25,821	181.19	1.28
13.80	0.79	25,670	181.18	1.18
13.90	0.76	25,539	181.17	1.10
14.00	0.74	25,427	181.16	1.03
14.10	0.71	25,329	181.15	0.97
14.20	0.69	25,241	181.14	0.92
14.30	0.67	25,163	181.14	0.88
14.40	0.64	25,091	181.13	0.83
14.50	0.62	25,024	181.13	0.80
14.60	0.60	24,962	181.12	0.77
14.70	0.57	24,902	181.12	0.73
14.80	0.55	24,844	181.11	0.70
14.90	0.52	24,788	181.11	0.68
15.00	0.50	24,734	181.10	0.65
15.10	0.48	24,681	181.10	0.62
15.20	0.46	24,629	181.10	0.60
15.30	0.45	24,580	181.09	0.58
15.40	0.44	24,535	181.09	0.56
15.50	0.43	24,495	181.08	0.54

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.43	24,459	181.08	0.52
15.70	0.42	24,426	181.08	0.51
15.80	0.41	24,396	181.08	0.49
15.90	0.41	24,368	181.07	0.48
16.00	0.40	24,342	181.07	0.47
16.10	0.39	24,318	181.07	0.46
16.20	0.39	24,295	181.07	0.45
16.30	0.38	24,274	181.07	0.44
16.40	0.37	24,252	181.07	0.43
16.50	0.37	24,231	181.06	0.43
16.60	0.36	24,211	181.06	0.42
16.70	0.36	24,191	181.06	0.41
16.80	0.35	24,171	181.06	0.40
16.90	0.34	24,151	181.06	0.40
17.00	0.34	24,132	181.06	0.39
17.10	0.33	24,113	181.05	0.38
17.20	0.32	24,094	181.05	0.38
17.30	0.32	24,076	181.05	0.37
17.40	0.31	24,057	181.05	0.36
17.50	0.31	24,038	181.05	0.36
17.60	0.30	24,020	181.05	0.35
17.70	0.29	24,002	181.05	0.34
17.80	0.29	23,984	181.04	0.34
17.90	0.28	23,965	181.04	0.33
18.00	0.27	23,947	181.04	0.32
18.10	0.27	23,929	181.04	0.32
18.20	0.26	23,911	181.04	0.31
18.30	0.26	23,894	181.04	0.31
18.40	0.26	23,877	181.04	0.30
18.50	0.26	23,861	181.04	0.30
18.60	0.25	23,845	181.03	0.30
18.70	0.25	23,831	181.03	0.29
18.80	0.25	23,817	181.03	0.29
18.90	0.25	23,803	181.03	0.29
19.00	0.25	23,791	181.03	0.28
19.10	0.25	23,778	181.03	0.28
19.20	0.24	23,767	181.03	0.28
19.30	0.24	23,755	181.03	0.27
19.40	0.24	23,744	181.03	0.27
19.50	0.24	23,734	181.03	0.27
19.60	0.24	23,724	181.02	0.27
19.70	0.24	23,714	181.02	0.26
19.80	0.23	23,704	181.02	0.26
19.90	0.23	23,695	181.02	0.26
20.00	0.23	23,686	181.02	0.26
20.10	0.23	23,677	181.02	0.25
20.20	0.23	23,669	181.02	0.25
20.30	0.23	23,660	181.02	0.25
20.40	0.22	23,652	181.02	0.25
20.50	0.22	23,643	181.02	0.25
20.60	0.22	23,635	181.02	0.24
20.70	0.22	23,628	181.02	0.24

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.22	23,620	181.02	0.24
20.90	0.22	23,612	181.02	0.24
21.00	0.22	23,605	181.01	0.24
21.10	0.21	23,597	181.01	0.23
21.20	0.21	23,589	181.01	0.23
21.30	0.21	23,582	181.01	0.23
21.40	0.21	23,575	181.01	0.23
21.50	0.21	23,568	181.01	0.23
21.60	0.21	23,561	181.01	0.23
21.70	0.20	23,553	181.01	0.22
21.80	0.20	23,546	181.01	0.22
21.90	0.20	23,539	181.01	0.22
22.00	0.20	23,532	181.01	0.22
22.10	0.20	23,525	181.01	0.22
22.20	0.20	23,517	181.01	0.22
22.30	0.20	23,509	181.01	0.22
22.40	0.19	23,501	181.01	0.22
22.50	0.19	23,492	181.01	0.22
22.60	0.19	23,483	181.01	0.21
22.70	0.19	23,474	181.00	0.21
22.80	0.19	23,465	181.00	0.21
22.90	0.18	23,456	181.00	0.21
23.00	0.18	23,446	181.00	0.21
23.10	0.18	23,436	181.00	0.21
23.20	0.18	23,426	181.00	0.21
23.30	0.18	23,416	181.00	0.21
23.40	0.18	23,405	181.00	0.21
23.50	0.18	23,394	181.00	0.21
23.60	0.17	23,382	181.00	0.21
23.70	0.17	23,370	181.00	0.21
23.80	0.17	23,357	181.00	0.21
23.90	0.17	23,344	180.99	0.21
24.00	0.18	23,331	180.99	0.21
24.10	0.15	23,319	180.99	0.21
24.20	0.04	23,278	180.99	0.21
24.30	0.01	23,212	180.98	0.21
24.40	0.00	23,140	180.98	0.21
24.50	0.00	23,066	180.97	0.21
24.60	0.00	22,992	180.97	0.21
24.70	0.00	22,919	180.96	0.20
24.80	0.00	22,845	180.96	0.20
24.90	0.00	22,771	180.95	0.20
25.00	0.00	22,698	180.94	0.20
25.10	0.00	22,625	180.94	0.20
25.20	0.00	22,552	180.93	0.20
25.30	0.00	22,479	180.93	0.20
25.40	0.00	22,406	180.92	0.20
25.50	0.00	22,333	180.91	0.20
25.60	0.00	22,261	180.91	0.20
25.70	0.00	22,188	180.90	0.20
25.80	0.00	22,116	180.90	0.20
25.90	0.00	22,044	180.89	0.20

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	21,972	180.89	0.20
26.10	0.00	21,900	180.88	0.20
26.20	0.00	21,828	180.87	0.20
26.30	0.00	21,757	180.87	0.20
26.40	0.00	21,685	180.86	0.20
26.50	0.00	21,614	180.86	0.20
26.60	0.00	21,543	180.85	0.20
26.70	0.00	21,472	180.85	0.20
26.80	0.00	21,401	180.84	0.20
26.90	0.00	21,330	180.83	0.20
27.00	0.00	21,259	180.83	0.20
27.10	0.00	21,189	180.82	0.20
27.20	0.00	21,119	180.82	0.20
27.30	0.00	21,049	180.81	0.19
27.40	0.00	20,978	180.81	0.19
27.50	0.00	20,909	180.80	0.19
27.60	0.00	20,839	180.80	0.19
27.70	0.00	20,769	180.79	0.19
27.80	0.00	20,700	180.78	0.19
27.90	0.00	20,630	180.78	0.19
28.00	0.00	20,561	180.77	0.19
28.10	0.00	20,492	180.77	0.19
28.20	0.00	20,423	180.76	0.19
28.30	0.00	20,354	180.76	0.19
28.40	0.00	20,286	180.75	0.19
28.50	0.00	20,217	180.75	0.19
28.60	0.00	20,149	180.74	0.19
28.70	0.00	20,081	180.73	0.19
28.80	0.00	20,012	180.73	0.19
28.90	0.00	19,944	180.72	0.19
29.00	0.00	19,877	180.72	0.19
29.10	0.00	19,809	180.71	0.19
29.20	0.00	19,741	180.71	0.19
29.30	0.00	19,674	180.70	0.19
29.40	0.00	19,607	180.70	0.19
29.50	0.00	19,540	180.69	0.19
29.60	0.00	19,473	180.69	0.19
29.70	0.00	19,406	180.68	0.19
29.80	0.00	19,339	180.68	0.19
29.90	0.00	19,273	180.67	0.18
30.00	0.00	19,206	180.66	0.18
30.10	0.00	19,140	180.66	0.18
30.20	0.00	19,074	180.65	0.18
30.30	0.00	19,008	180.65	0.18
30.40	0.00	18,942	180.64	0.18
30.50	0.00	18,876	180.64	0.18
30.60	0.00	18,811	180.63	0.18
30.70	0.00	18,745	180.63	0.18
30.80	0.00	18,680	180.62	0.18
30.90	0.00	18,615	180.62	0.18
31.00	0.00	18,550	180.61	0.18
31.10	0.00	18,485	180.61	0.18

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	18,420	180.60	0.18
31.30	0.00	18,356	180.60	0.18
31.40	0.00	18,291	180.59	0.18
31.50	0.00	18,227	180.59	0.18
31.60	0.00	18,163	180.58	0.18
31.70	0.00	18,099	180.57	0.18
31.80	0.00	18,035	180.57	0.18
31.90	0.00	17,972	180.56	0.18
32.00	0.00	17,908	180.56	0.18
32.10	0.00	17,845	180.55	0.18
32.20	0.00	17,781	180.55	0.18
32.30	0.00	17,718	180.54	0.18
32.40	0.00	17,655	180.54	0.17
32.50	0.00	17,592	180.53	0.17
32.60	0.00	17,530	180.53	0.17
32.70	0.00	17,467	180.52	0.17
32.80	0.00	17,405	180.52	0.17
32.90	0.00	17,342	180.51	0.17
33.00	0.00	17,280	180.51	0.17
33.10	0.00	17,218	180.50	0.17
33.20	0.00	17,156	180.50	0.17
33.30	0.00	17,095	180.49	0.17
33.40	0.00	17,033	180.49	0.17
33.50	0.00	16,972	180.48	0.17
33.60	0.00	16,910	180.48	0.17
33.70	0.00	16,849	180.47	0.17
33.80	0.00	16,788	180.47	0.17
33.90	0.00	16,727	180.46	0.17
34.00	0.00	16,667	180.46	0.17
34.10	0.00	16,606	180.45	0.17
34.20	0.00	16,546	180.45	0.17
34.30	0.00	16,485	180.44	0.17
34.40	0.00	16,425	180.44	0.17
34.50	0.00	16,365	180.43	0.17
34.60	0.00	16,305	180.43	0.17
34.70	0.00	16,246	180.42	0.17
34.80	0.00	16,186	180.42	0.17
34.90	0.00	16,127	180.41	0.16
35.00	0.00	16,067	180.41	0.16
35.10	0.00	16,008	180.40	0.16
35.20	0.00	15,949	180.40	0.16
35.30	0.00	15,890	180.39	0.16
35.40	0.00	15,832	180.39	0.16
35.50	0.00	15,773	180.38	0.16
35.60	0.00	15,715	180.38	0.16
35.70	0.00	15,656	180.37	0.16
35.80	0.00	15,598	180.37	0.16
35.90	0.00	15,540	180.36	0.16
36.00	0.00	15,483	180.36	0.16
36.10	0.00	15,425	180.35	0.16
36.20	0.00	15,367	180.35	0.16
36.30	0.00	15,310	180.35	0.16

Hydrograph for Pond B-9: Basin #9 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	15,253	180.34	0.16
36.50	0.00	15,196	180.34	0.16
36.60	0.00	15,139	180.33	0.16
36.70	0.00	15,082	180.33	0.16
36.80	0.00	15,025	180.32	0.16
36.90	0.00	14,969	180.32	0.16
37.00	0.00	14,912	180.31	0.16
37.10	0.00	14,856	180.31	0.16
37.20	0.00	14,800	180.30	0.16
37.30	0.00	14,744	180.30	0.16
37.40	0.00	14,688	180.29	0.15
37.50	0.00	14,633	180.29	0.15
37.60	0.00	14,577	180.28	0.15
37.70	0.00	14,522	180.28	0.15
37.80	0.00	14,466	180.28	0.15
37.90	0.00	14,411	180.27	0.15
38.00	0.00	14,356	180.27	0.15
38.10	0.00	14,302	180.26	0.15
38.20	0.00	14,247	180.26	0.15
38.30	0.00	14,193	180.25	0.15
38.40	0.00	14,138	180.25	0.15
38.50	0.00	14,084	180.24	0.15
38.60	0.00	14,030	180.24	0.15
38.70	0.00	13,976	180.23	0.15
38.80	0.00	13,922	180.23	0.15
38.90	0.00	13,869	180.23	0.15
39.00	0.00	13,815	180.22	0.15
39.10	0.00	13,762	180.22	0.15
39.20	0.00	13,709	180.21	0.15
39.30	0.00	13,656	180.21	0.15
39.40	0.00	13,603	180.20	0.15
39.50	0.00	13,550	180.20	0.15
39.60	0.00	13,498	180.19	0.15
39.70	0.00	13,445	180.19	0.15
39.80	0.00	13,393	180.19	0.15
39.90	0.00	13,341	180.18	0.14
40.00	0.00	13,289	180.18	0.14

Stage-Discharge for Pond B-9: Basin #9

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.00	0.00	179.52	0.06	180.04	0.13	180.56	0.18
179.01	0.00	179.53	0.06	180.05	0.13	180.57	0.18
179.02	0.00	179.54	0.06	180.06	0.13	180.58	0.18
179.03	0.00	179.55	0.06	180.07	0.13	180.59	0.18
179.04	0.00	179.56	0.06	180.08	0.13	180.60	0.18
179.05	0.00	179.57	0.07	180.09	0.14	180.61	0.18
179.06	0.00	179.58	0.07	180.10	0.14	180.62	0.18
179.07	0.00	179.59	0.07	180.11	0.14	180.63	0.18
179.08	0.00	179.60	0.07	180.12	0.14	180.64	0.18
179.09	0.00	179.61	0.07	180.13	0.14	180.65	0.18
179.10	0.00	179.62	0.08	180.14	0.14	180.66	0.18
179.11	0.00	179.63	0.08	180.15	0.14	180.67	0.18
179.12	0.00	179.64	0.08	180.16	0.14	180.68	0.19
179.13	0.00	179.65	0.08	180.17	0.14	180.69	0.19
179.14	0.00	179.66	0.08	180.18	0.14	180.70	0.19
179.15	0.00	179.67	0.08	180.19	0.15	180.71	0.19
179.16	0.00	179.68	0.09	180.20	0.15	180.72	0.19
179.17	0.00	179.69	0.09	180.21	0.15	180.73	0.19
179.18	0.00	179.70	0.09	180.22	0.15	180.74	0.19
179.19	0.00	179.71	0.09	180.23	0.15	180.75	0.19
179.20	0.00	179.72	0.09	180.24	0.15	180.76	0.19
179.21	0.00	179.73	0.09	180.25	0.15	180.77	0.19
179.22	0.00	179.74	0.10	180.26	0.15	180.78	0.19
179.23	0.00	179.75	0.10	180.27	0.15	180.79	0.19
179.24	0.00	179.76	0.10	180.28	0.15	180.80	0.19
179.25	0.00	179.77	0.10	180.29	0.15	180.81	0.19
179.26	0.00	179.78	0.10	180.30	0.16	180.82	0.20
179.27	0.00	179.79	0.10	180.31	0.16	180.83	0.20
179.28	0.00	179.80	0.10	180.32	0.16	180.84	0.20
179.29	0.00	179.81	0.10	180.33	0.16	180.85	0.20
179.30	0.00	179.82	0.11	180.34	0.16	180.86	0.20
179.31	0.00	179.83	0.11	180.35	0.16	180.87	0.20
179.32	0.00	179.84	0.11	180.36	0.16	180.88	0.20
179.33	0.00	179.85	0.11	180.37	0.16	180.89	0.20
179.34	0.00	179.86	0.11	180.38	0.16	180.90	0.20
179.35	0.00	179.87	0.11	180.39	0.16	180.91	0.20
179.36	0.01	179.88	0.11	180.40	0.16	180.92	0.20
179.37	0.01	179.89	0.11	180.41	0.16	180.93	0.20
179.38	0.01	179.90	0.12	180.42	0.17	180.94	0.20
179.39	0.01	179.91	0.12	180.43	0.17	180.95	0.20
179.40	0.02	179.92	0.12	180.44	0.17	180.96	0.20
179.41	0.02	179.93	0.12	180.45	0.17	180.97	0.21
179.42	0.02	179.94	0.12	180.46	0.17	180.98	0.21
179.43	0.03	179.95	0.12	180.47	0.17	180.99	0.21
179.44	0.03	179.96	0.12	180.48	0.17	181.00	0.21
179.45	0.03	179.97	0.12	180.49	0.17	181.01	0.22
179.46	0.04	179.98	0.12	180.50	0.17	181.02	0.25
179.47	0.04	179.99	0.13	180.51	0.17	181.03	0.28
179.48	0.05	180.00	0.13	180.52	0.17	181.04	0.31
179.49	0.05	180.01	0.13	180.53	0.17	181.05	0.36
179.50	0.05	180.02	0.13	180.54	0.17	181.06	0.40
179.51	0.05	180.03	0.13	180.55	0.18	181.07	0.45

Stage-Discharge for Pond B-9: Basin #9 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.08	0.51	181.60	6.14
181.09	0.56	181.61	6.29
181.10	0.63	181.62	6.43
181.11	0.69	181.63	6.58
181.12	0.76	181.64	6.73
181.13	0.82	181.65	6.88
181.14	0.90	181.66	7.03
181.15	0.97	181.67	7.18
181.16	1.05	181.68	7.33
181.17	1.13	181.69	7.49
181.18	1.21	181.70	7.64
181.19	1.29	181.71	7.80
181.20	1.38	181.72	7.95
181.21	1.47	181.73	8.11
181.22	1.56	181.74	8.27
181.23	1.65	181.75	8.43
181.24	1.74	181.76	8.59
181.25	1.84	181.77	8.75
181.26	1.94	181.78	8.91
181.27	2.03	181.79	9.08
181.28	2.14	181.80	9.24
181.29	2.24	181.81	9.40
181.30	2.34	181.82	9.57
181.31	2.45	181.83	9.74
181.32	2.56	181.84	9.90
181.33	2.67	181.85	10.07
181.34	2.78	181.86	10.24
181.35	2.89	181.87	10.41
181.36	3.00	181.88	10.58
181.37	3.12	181.89	10.75
181.38	3.24	181.90	10.92
181.39	3.35	181.91	11.10
181.40	3.47	181.92	11.27
181.41	3.60	181.93	11.45
181.42	3.72	181.94	11.62
181.43	3.84	181.95	11.80
181.44	3.97	181.96	12.09
181.45	4.09	181.97	12.48
181.46	4.22	181.98	12.94
181.47	4.35	181.99	13.45
181.48	4.48	182.00	14.00
181.49	4.61		
181.50	4.75		
181.51	4.88		
181.52	5.02		
181.53	5.15		
181.54	5.29		
181.55	5.43		
181.56	5.57		
181.57	5.71		
181.58	5.85		
181.59	6.00		

Stage-Area-Storage for Pond B-9: Basin #9

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.00	10,720	0	179.52	11,230	5,707
179.01	10,730	107	179.53	11,239	5,819
179.02	10,740	215	179.54	11,249	5,932
179.03	10,749	322	179.55	11,259	6,044
179.04	10,759	430	179.56	11,269	6,157
179.05	10,769	537	179.57	11,279	6,270
179.06	10,779	645	179.58	11,288	6,382
179.07	10,789	753	179.59	11,298	6,495
179.08	10,798	861	179.60	11,308	6,608
179.09	10,808	969	179.61	11,318	6,722
179.10	10,818	1,077	179.62	11,328	6,835
179.11	10,828	1,185	179.63	11,337	6,948
179.12	10,838	1,293	179.64	11,347	7,062
179.13	10,847	1,402	179.65	11,357	7,175
179.14	10,857	1,510	179.66	11,367	7,289
179.15	10,867	1,619	179.67	11,377	7,402
179.16	10,877	1,728	179.68	11,386	7,516
179.17	10,887	1,837	179.69	11,396	7,630
179.18	10,896	1,945	179.70	11,406	7,744
179.19	10,906	2,054	179.71	11,416	7,858
179.20	10,916	2,164	179.72	11,426	7,972
179.21	10,926	2,273	179.73	11,435	8,087
179.22	10,936	2,382	179.74	11,445	8,201
179.23	10,945	2,492	179.75	11,455	8,316
179.24	10,955	2,601	179.76	11,465	8,430
179.25	10,965	2,711	179.77	11,475	8,545
179.26	10,975	2,820	179.78	11,484	8,660
179.27	10,985	2,930	179.79	11,494	8,775
179.28	10,994	3,040	179.80	11,504	8,890
179.29	11,004	3,150	179.81	11,514	9,005
179.30	11,014	3,260	179.82	11,524	9,120
179.31	11,024	3,370	179.83	11,533	9,235
179.32	11,034	3,481	179.84	11,543	9,351
179.33	11,043	3,591	179.85	11,553	9,466
179.34	11,053	3,701	179.86	11,563	9,582
179.35	11,063	3,812	179.87	11,573	9,697
179.36	11,073	3,923	179.88	11,582	9,813
179.37	11,083	4,033	179.89	11,592	9,929
179.38	11,092	4,144	179.90	11,602	10,045
179.39	11,102	4,255	179.91	11,612	10,161
179.40	11,112	4,366	179.92	11,622	10,277
179.41	11,122	4,478	179.93	11,631	10,393
179.42	11,132	4,589	179.94	11,641	10,510
179.43	11,141	4,700	179.95	11,651	10,626
179.44	11,151	4,812	179.96	11,661	10,743
179.45	11,161	4,923	179.97	11,671	10,859
179.46	11,171	5,035	179.98	11,680	10,976
179.47	11,181	5,147	179.99	11,690	11,093
179.48	11,190	5,258	180.00	11,700	11,210
179.49	11,200	5,370	180.01	11,710	11,327
179.50	11,210	5,483	180.02	11,720	11,444
179.51	11,220	5,595	180.03	11,730	11,561

Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.04	11,740	11,679	180.56	12,264	17,920
180.05	11,750	11,796	180.57	12,275	18,043
180.06	11,760	11,914	180.58	12,285	18,166
180.07	11,771	12,031	180.59	12,295	18,288
180.08	11,781	12,149	180.60	12,305	18,411
180.09	11,791	12,267	180.61	12,315	18,535
180.10	11,801	12,385	180.62	12,325	18,658
180.11	11,811	12,503	180.63	12,335	18,781
180.12	11,821	12,621	180.64	12,345	18,904
180.13	11,831	12,740	180.65	12,355	19,028
180.14	11,841	12,858	180.66	12,365	19,152
180.15	11,851	12,976	180.67	12,375	19,275
180.16	11,861	13,095	180.68	12,385	19,399
180.17	11,871	13,214	180.69	12,396	19,523
180.18	11,881	13,332	180.70	12,406	19,647
180.19	11,892	13,451	180.71	12,416	19,771
180.20	11,902	13,570	180.72	12,426	19,895
180.21	11,912	13,689	180.73	12,436	20,020
180.22	11,922	13,808	180.74	12,446	20,144
180.23	11,932	13,928	180.75	12,456	20,269
180.24	11,942	14,047	180.76	12,466	20,393
180.25	11,952	14,167	180.77	12,476	20,518
180.26	11,962	14,286	180.78	12,486	20,643
180.27	11,972	14,406	180.79	12,496	20,768
180.28	11,982	14,526	180.80	12,506	20,893
180.29	11,992	14,645	180.81	12,516	21,018
180.30	12,002	14,765	180.82	12,527	21,143
180.31	12,012	14,885	180.83	12,537	21,268
180.32	12,023	15,006	180.84	12,547	21,394
180.33	12,033	15,126	180.85	12,557	21,519
180.34	12,043	15,246	180.86	12,567	21,645
180.35	12,053	15,367	180.87	12,577	21,770
180.36	12,063	15,487	180.88	12,587	21,896
180.37	12,073	15,608	180.89	12,597	22,022
180.38	12,083	15,729	180.90	12,607	22,148
180.39	12,093	15,850	180.91	12,617	22,274
180.40	12,103	15,971	180.92	12,627	22,401
180.41	12,113	16,092	180.93	12,637	22,527
180.42	12,123	16,213	180.94	12,648	22,653
180.43	12,133	16,334	180.95	12,658	22,780
180.44	12,144	16,456	180.96	12,668	22,906
180.45	12,154	16,577	180.97	12,678	23,033
180.46	12,164	16,699	180.98	12,688	23,160
180.47	12,174	16,820	180.99	12,698	23,287
180.48	12,184	16,942	181.00	12,708	23,414
180.49	12,194	17,064	181.01	12,718	23,541
180.50	12,204	17,186	181.02	12,729	23,668
180.51	12,214	17,308	181.03	12,739	23,796
180.52	12,224	17,430	181.04	12,749	23,923
180.53	12,234	17,553	181.05	12,760	24,051
180.54	12,244	17,675	181.06	12,770	24,178
180.55	12,254	17,797	181.07	12,781	24,306

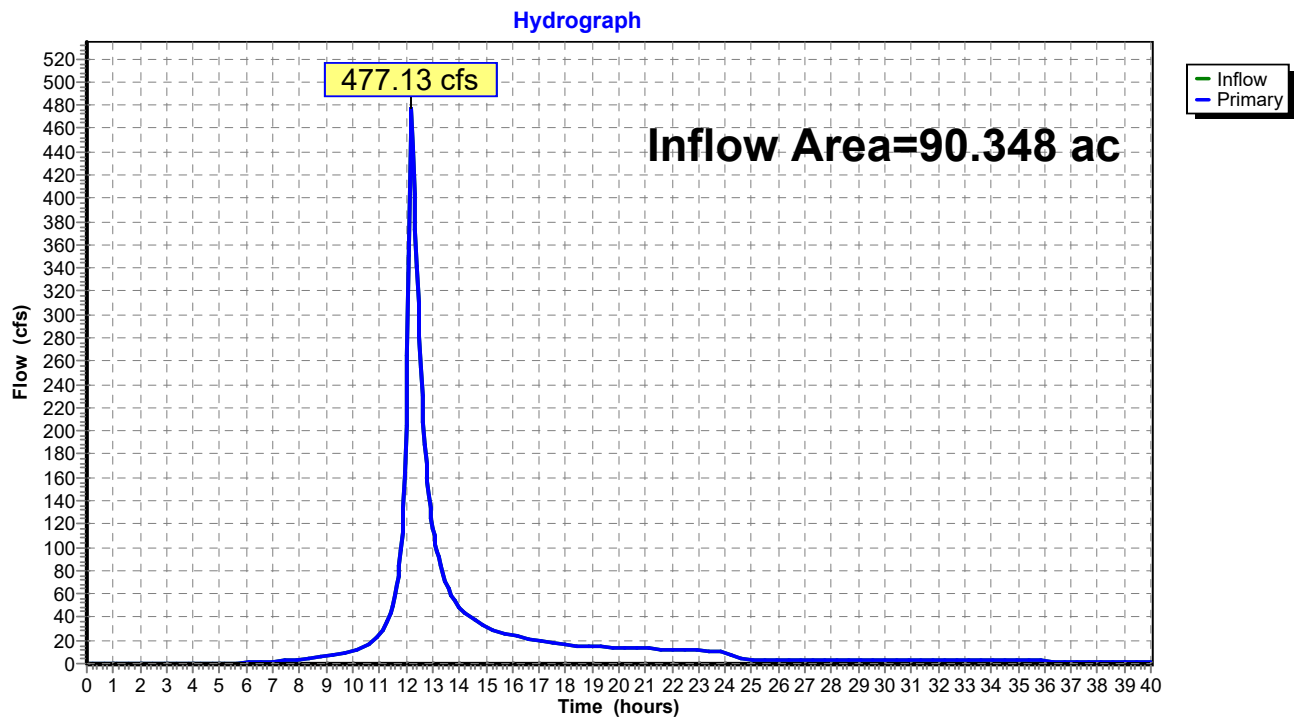
Stage-Area-Storage for Pond B-9: Basin #9 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.08	12,791	24,434	181.60	13,330	31,225
181.09	12,801	24,562	181.61	13,341	31,359
181.10	12,812	24,690	181.62	13,351	31,492
181.11	12,822	24,818	181.63	13,361	31,626
181.12	12,832	24,946	181.64	13,372	31,759
181.13	12,843	25,075	181.65	13,382	31,893
181.14	12,853	25,203	181.66	13,392	32,027
181.15	12,864	25,332	181.67	13,403	32,161
181.16	12,874	25,461	181.68	13,413	32,295
181.17	12,884	25,589	181.69	13,424	32,429
181.18	12,895	25,718	181.70	13,434	32,564
181.19	12,905	25,847	181.71	13,444	32,698
181.20	12,915	25,976	181.72	13,455	32,833
181.21	12,926	26,106	181.73	13,465	32,967
181.22	12,936	26,235	181.74	13,475	33,102
181.23	12,947	26,364	181.75	13,486	33,237
181.24	12,957	26,494	181.76	13,496	33,372
181.25	12,967	26,623	181.77	13,506	33,507
181.26	12,978	26,753	181.78	13,517	33,642
181.27	12,988	26,883	181.79	13,527	33,777
181.28	12,998	27,013	181.80	13,538	33,912
181.29	13,009	27,143	181.81	13,548	34,048
181.30	13,019	27,273	181.82	13,558	34,183
181.31	13,029	27,403	181.83	13,569	34,319
181.32	13,040	27,534	181.84	13,579	34,455
181.33	13,050	27,664	181.85	13,589	34,590
181.34	13,061	27,795	181.86	13,600	34,726
181.35	13,071	27,925	181.87	13,610	34,862
181.36	13,081	28,056	181.88	13,621	34,999
181.37	13,092	28,187	181.89	13,631	35,135
181.38	13,102	28,318	181.90	13,641	35,271
181.39	13,112	28,449	181.91	13,652	35,408
181.40	13,123	28,580	181.92	13,662	35,544
181.41	13,133	28,711	181.93	13,672	35,681
181.42	13,144	28,843	181.94	13,683	35,818
181.43	13,154	28,974	181.95	13,693	35,955
181.44	13,164	29,106	181.96	13,704	36,092
181.45	13,175	29,238	181.97	13,714	36,229
181.46	13,185	29,369	181.98	13,724	36,366
181.47	13,195	29,501	181.99	13,735	36,503
181.48	13,206	29,633	182.00	13,745	36,641
181.49	13,216	29,765			
181.50	13,227	29,898			
181.51	13,237	30,030			
181.52	13,247	30,162			
181.53	13,258	30,295			
181.54	13,268	30,428			
181.55	13,278	30,560			
181.56	13,289	30,693			
181.57	13,299	30,826			
181.58	13,309	30,959			
181.59	13,320	31,092			

Summary for Link PDA-1: Proposed Drainage Area #1

Inflow Area = 90.348 ac, 19.60% Impervious, Inflow Depth > 7.44" for Future 100 yr event
Inflow = 477.13 cfs @ 12.20 hrs, Volume= 56.019 af
Primary = 477.13 cfs @ 12.20 hrs, Volume= 56.019 af, Atten= 0%, Lag= 0.0 min

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

Link PDA-1: Proposed Drainage Area #1

Hydrograph for Link PDA-1: Proposed Drainage Area #1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.18	0.00	0.18
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.18
0.10	0.00	0.00	0.00	2.70	0.19	0.00	0.19
0.15	0.00	0.00	0.00	2.75	0.20	0.00	0.20
0.20	0.00	0.00	0.00	2.80	0.21	0.00	0.21
0.25	0.00	0.00	0.00	2.85	0.22	0.00	0.22
0.30	0.00	0.00	0.00	2.90	0.22	0.00	0.22
0.35	0.00	0.00	0.00	2.95	0.23	0.00	0.23
0.40	0.00	0.00	0.00	3.00	0.24	0.00	0.24
0.45	0.00	0.00	0.00	3.05	0.24	0.00	0.24
0.50	0.00	0.00	0.00	3.10	0.25	0.00	0.25
0.55	0.00	0.00	0.00	3.15	0.26	0.00	0.26
0.60	0.00	0.00	0.00	3.20	0.27	0.00	0.27
0.65	0.00	0.00	0.00	3.25	0.27	0.00	0.27
0.70	0.00	0.00	0.00	3.30	0.28	0.00	0.28
0.75	0.00	0.00	0.00	3.35	0.29	0.00	0.29
0.80	0.00	0.00	0.00	3.40	0.29	0.00	0.29
0.85	0.00	0.00	0.00	3.45	0.30	0.00	0.30
0.90	0.00	0.00	0.00	3.50	0.31	0.00	0.31
0.95	0.00	0.00	0.00	3.55	0.32	0.00	0.32
1.00	0.00	0.00	0.00	3.60	0.32	0.00	0.32
1.05	0.00	0.00	0.00	3.65	0.33	0.00	0.33
1.10	0.00	0.00	0.00	3.70	0.33	0.00	0.33
1.15	0.00	0.00	0.00	3.75	0.34	0.00	0.34
1.20	0.00	0.00	0.00	3.80	0.35	0.00	0.35
1.25	0.00	0.00	0.00	3.85	0.35	0.00	0.35
1.30	0.00	0.00	0.00	3.90	0.36	0.00	0.36
1.35	0.00	0.00	0.00	3.95	0.37	0.00	0.37
1.40	0.00	0.00	0.00	4.00	0.37	0.00	0.37
1.45	0.00	0.00	0.00	4.05	0.38	0.00	0.38
1.50	0.00	0.00	0.00	4.10	0.39	0.00	0.39
1.55	0.00	0.00	0.00	4.15	0.39	0.00	0.39
1.60	0.01	0.00	0.01	4.20	0.40	0.00	0.40
1.65	0.02	0.00	0.02	4.25	0.40	0.00	0.40
1.70	0.03	0.00	0.03	4.30	0.41	0.00	0.41
1.75	0.03	0.00	0.03	4.35	0.42	0.00	0.42
1.80	0.04	0.00	0.04	4.40	0.42	0.00	0.42
1.85	0.05	0.00	0.05	4.45	0.43	0.00	0.43
1.90	0.06	0.00	0.06	4.50	0.43	0.00	0.43
1.95	0.07	0.00	0.07	4.55	0.44	0.00	0.44
2.00	0.08	0.00	0.08	4.60	0.45	0.00	0.45
2.05	0.09	0.00	0.09	4.65	0.45	0.00	0.45
2.10	0.10	0.00	0.10	4.70	0.46	0.00	0.46
2.15	0.10	0.00	0.10	4.75	0.46	0.00	0.46
2.20	0.11	0.00	0.11	4.80	0.47	0.00	0.47
2.25	0.12	0.00	0.12	4.85	0.47	0.00	0.47
2.30	0.13	0.00	0.13	4.90	0.48	0.00	0.48
2.35	0.14	0.00	0.14	4.95	0.49	0.00	0.49
2.40	0.15	0.00	0.15	5.00	0.49	0.00	0.49
2.45	0.15	0.00	0.15	5.05	0.50	0.00	0.50
2.50	0.16	0.00	0.16	5.10	0.50	0.00	0.50
2.55	0.17	0.00	0.17	5.15	0.51	0.00	0.51

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.52	0.00	0.52	7.80	2.95	0.00	2.95
5.25	0.52	0.00	0.52	7.85	3.03	0.00	3.03
5.30	0.54	0.00	0.54	7.90	3.12	0.00	3.12
5.35	0.55	0.00	0.55	7.95	3.22	0.00	3.22
5.40	0.57	0.00	0.57	8.00	3.32	0.00	3.32
5.45	0.58	0.00	0.58	8.05	3.42	0.00	3.42
5.50	0.60	0.00	0.60	8.10	3.52	0.00	3.52
5.55	0.63	0.00	0.63	8.15	3.63	0.00	3.63
5.60	0.65	0.00	0.65	8.20	3.75	0.00	3.75
5.65	0.67	0.00	0.67	8.25	3.86	0.00	3.86
5.70	0.70	0.00	0.70	8.30	3.98	0.00	3.98
5.75	0.72	0.00	0.72	8.35	4.10	0.00	4.10
5.80	0.75	0.00	0.75	8.40	4.23	0.00	4.23
5.85	0.77	0.00	0.77	8.45	4.36	0.00	4.36
5.90	0.80	0.00	0.80	8.50	4.49	0.00	4.49
5.95	0.82	0.00	0.82	8.55	4.62	0.00	4.62
6.00	0.85	0.00	0.85	8.60	4.75	0.00	4.75
6.05	0.87	0.00	0.87	8.65	4.88	0.00	4.88
6.10	0.90	0.00	0.90	8.70	5.02	0.00	5.02
6.15	0.93	0.00	0.93	8.75	5.15	0.00	5.15
6.20	0.96	0.00	0.96	8.80	5.29	0.00	5.29
6.25	1.00	0.00	1.00	8.85	5.42	0.00	5.42
6.30	1.03	0.00	1.03	8.90	5.55	0.00	5.55
6.35	1.06	0.00	1.06	8.95	5.69	0.00	5.69
6.40	1.10	0.00	1.10	9.00	5.83	0.00	5.83
6.45	1.13	0.00	1.13	9.05	5.97	0.00	5.97
6.50	1.17	0.00	1.17	9.10	6.14	0.00	6.14
6.55	1.21	0.00	1.21	9.15	6.33	0.00	6.33
6.60	1.25	0.00	1.25	9.20	6.54	0.00	6.54
6.65	1.29	0.00	1.29	9.25	6.76	0.00	6.76
6.70	1.33	0.00	1.33	9.30	7.00	0.00	7.00
6.75	1.39	0.00	1.39	9.35	7.24	0.00	7.24
6.80	1.45	0.00	1.45	9.40	7.50	0.00	7.50
6.85	1.51	0.00	1.51	9.45	7.77	0.00	7.77
6.90	1.57	0.00	1.57	9.50	8.04	0.00	8.04
6.95	1.64	0.00	1.64	9.55	8.32	0.00	8.32
7.00	1.71	0.00	1.71	9.60	8.61	0.00	8.61
7.05	1.78	0.00	1.78	9.65	8.91	0.00	8.91
7.10	1.85	0.00	1.85	9.70	9.22	0.00	9.22
7.15	1.92	0.00	1.92	9.75	9.52	0.00	9.52
7.20	1.99	0.00	1.99	9.80	9.84	0.00	9.84
7.25	2.07	0.00	2.07	9.85	10.15	0.00	10.15
7.30	2.14	0.00	2.14	9.90	10.48	0.00	10.48
7.35	2.22	0.00	2.22	9.95	10.82	0.00	10.82
7.40	2.29	0.00	2.29	10.00	11.15	0.00	11.15
7.45	2.37	0.00	2.37	10.05	11.49	0.00	11.49
7.50	2.45	0.00	2.45	10.10	11.85	0.00	11.85
7.55	2.53	0.00	2.53	10.15	12.20	0.00	12.20
7.60	2.61	0.00	2.61	10.20	12.58	0.00	12.58
7.65	2.69	0.00	2.69	10.25	12.96	0.00	12.96
7.70	2.78	0.00	2.78	10.30	13.34	0.00	13.34
7.75	2.86	0.00	2.86	10.35	13.72	0.00	13.72

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	14.11	0.00	14.11	13.00	116.59	0.00	116.59
10.45	14.50	0.00	14.50	13.05	109.32	0.00	109.32
10.50	14.90	0.00	14.90	13.10	102.67	0.00	102.67
10.55	15.34	0.00	15.34	13.15	96.79	0.00	96.79
10.60	15.93	0.00	15.93	13.20	91.62	0.00	91.62
10.65	16.62	0.00	16.62	13.25	86.98	0.00	86.98
10.70	17.41	0.00	17.41	13.30	82.73	0.00	82.73
10.75	18.34	0.00	18.34	13.35	78.82	0.00	78.82
10.80	19.42	0.00	19.42	13.40	75.15	0.00	75.15
10.85	20.59	0.00	20.59	13.45	71.74	0.00	71.74
10.90	21.83	0.00	21.83	13.50	68.55	0.00	68.55
10.95	23.10	0.00	23.10	13.55	65.55	0.00	65.55
11.00	24.41	0.00	24.41	13.60	62.65	0.00	62.65
11.05	25.77	0.00	25.77	13.65	59.91	0.00	59.91
11.10	27.37	0.00	27.37	13.70	57.50	0.00	57.50
11.15	29.13	0.00	29.13	13.75	55.39	0.00	55.39
11.20	31.06	0.00	31.06	13.80	53.52	0.00	53.52
11.25	33.21	0.00	33.21	13.85	51.85	0.00	51.85
11.30	35.81	0.00	35.81	13.90	50.38	0.00	50.38
11.35	38.58	0.00	38.58	13.95	49.07	0.00	49.07
11.40	41.49	0.00	41.49	14.00	47.87	0.00	47.87
11.45	44.43	0.00	44.43	14.05	46.78	0.00	46.78
11.50	47.55	0.00	47.55	14.10	45.75	0.00	45.75
11.55	51.35	0.00	51.35	14.15	44.80	0.00	44.80
11.60	58.19	0.00	58.19	14.20	43.90	0.00	43.90
11.65	67.19	0.00	67.19	14.25	43.04	0.00	43.04
11.70	75.96	0.00	75.96	14.30	42.21	0.00	42.21
11.75	85.04	0.00	85.04	14.35	41.40	0.00	41.40
11.80	97.49	0.00	97.49	14.40	40.60	0.00	40.60
11.85	113.18	0.00	113.18	14.45	39.83	0.00	39.83
11.90	134.11	0.00	134.11	14.50	39.07	0.00	39.07
11.95	161.69	0.00	161.69	14.55	38.34	0.00	38.34
12.00	205.11	0.00	205.11	14.60	37.60	0.00	37.60
12.05	264.81	0.00	264.81	14.65	36.88	0.00	36.88
12.10	350.13	0.00	350.13	14.70	36.15	0.00	36.15
12.15	453.31	0.00	453.31	14.75	35.44	0.00	35.44
12.20	476.96	0.00	476.96	14.80	34.74	0.00	34.74
12.25	444.59	0.00	444.59	14.85	34.05	0.00	34.05
12.30	403.16	0.00	403.16	14.90	33.35	0.00	33.35
12.35	373.38	0.00	373.38	14.95	32.64	0.00	32.64
12.40	341.73	0.00	341.73	15.00	31.94	0.00	31.94
12.45	309.71	0.00	309.71	15.05	31.25	0.00	31.25
12.50	280.83	0.00	280.83	15.10	30.57	0.00	30.57
12.55	255.10	0.00	255.10	15.15	29.91	0.00	29.91
12.60	229.89	0.00	229.89	15.20	29.33	0.00	29.33
12.65	207.01	0.00	207.01	15.25	28.80	0.00	28.80
12.70	187.49	0.00	187.49	15.30	28.33	0.00	28.33
12.75	171.14	0.00	171.14	15.35	27.90	0.00	27.90
12.80	157.07	0.00	157.07	15.40	27.52	0.00	27.52
12.85	145.01	0.00	145.01	15.45	27.17	0.00	27.17
12.90	134.38	0.00	134.38	15.50	26.84	0.00	26.84
12.95	124.90	0.00	124.90	15.55	26.54	0.00	26.54

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	26.26	0.00	26.26	18.20	16.25	0.00	16.25
15.65	26.00	0.00	26.00	18.25	16.12	0.00	16.12
15.70	25.74	0.00	25.74	18.30	16.00	0.00	16.00
15.75	25.49	0.00	25.49	18.35	15.88	0.00	15.88
15.80	25.24	0.00	25.24	18.40	15.78	0.00	15.78
15.85	25.01	0.00	25.01	18.45	15.69	0.00	15.69
15.90	24.79	0.00	24.79	18.50	15.60	0.00	15.60
15.95	24.57	0.00	24.57	18.55	15.52	0.00	15.52
16.00	24.36	0.00	24.36	18.60	15.45	0.00	15.45
16.05	24.14	0.00	24.14	18.65	15.38	0.00	15.38
16.10	23.93	0.00	23.93	18.70	15.31	0.00	15.31
16.15	23.74	0.00	23.74	18.75	15.25	0.00	15.25
16.20	23.55	0.00	23.55	18.80	15.19	0.00	15.19
16.25	23.35	0.00	23.35	18.85	15.12	0.00	15.12
16.30	23.15	0.00	23.15	18.90	15.07	0.00	15.07
16.35	22.95	0.00	22.95	18.95	15.01	0.00	15.01
16.40	22.76	0.00	22.76	19.00	14.95	0.00	14.95
16.45	22.57	0.00	22.57	19.05	14.90	0.00	14.90
16.50	22.38	0.00	22.38	19.10	14.84	0.00	14.84
16.55	22.18	0.00	22.18	19.15	14.79	0.00	14.79
16.60	22.00	0.00	22.00	19.20	14.73	0.00	14.73
16.65	21.82	0.00	21.82	19.25	14.68	0.00	14.68
16.70	21.64	0.00	21.64	19.30	14.63	0.00	14.63
16.75	21.45	0.00	21.45	19.35	14.58	0.00	14.58
16.80	21.26	0.00	21.26	19.40	14.52	0.00	14.52
16.85	21.07	0.00	21.07	19.45	14.48	0.00	14.48
16.90	20.88	0.00	20.88	19.50	14.42	0.00	14.42
16.95	20.70	0.00	20.70	19.55	14.38	0.00	14.38
17.00	20.52	0.00	20.52	19.60	14.33	0.00	14.33
17.05	20.34	0.00	20.34	19.65	14.28	0.00	14.28
17.10	20.16	0.00	20.16	19.70	14.23	0.00	14.23
17.15	19.98	0.00	19.98	19.75	14.18	0.00	14.18
17.20	19.80	0.00	19.80	19.80	14.14	0.00	14.14
17.25	19.61	0.00	19.61	19.85	14.11	0.00	14.11
17.30	19.42	0.00	19.42	19.90	14.06	0.00	14.06
17.35	19.23	0.00	19.23	19.95	14.01	0.00	14.01
17.40	19.05	0.00	19.05	20.00	13.96	0.00	13.96
17.45	18.88	0.00	18.88	20.05	13.91	0.00	13.91
17.50	18.70	0.00	18.70	20.10	13.86	0.00	13.86
17.55	18.52	0.00	18.52	20.15	13.81	0.00	13.81
17.60	18.34	0.00	18.34	20.20	13.76	0.00	13.76
17.65	18.17	0.00	18.17	20.25	13.71	0.00	13.71
17.70	17.99	0.00	17.99	20.30	13.67	0.00	13.67
17.75	17.81	0.00	17.81	20.35	13.62	0.00	13.62
17.80	17.63	0.00	17.63	20.40	13.57	0.00	13.57
17.85	17.46	0.00	17.46	20.45	13.52	0.00	13.52
17.90	17.28	0.00	17.28	20.50	13.48	0.00	13.48
17.95	17.10	0.00	17.10	20.55	13.43	0.00	13.43
18.00	16.92	0.00	16.92	20.60	13.40	0.00	13.40
18.05	16.75	0.00	16.75	20.65	13.36	0.00	13.36
18.10	16.57	0.00	16.57	20.70	13.32	0.00	13.32
18.15	16.40	0.00	16.40	20.75	13.27	0.00	13.27

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	13.22	0.00	13.22	23.40	10.97	0.00	10.97
20.85	13.17	0.00	13.17	23.45	10.94	0.00	10.94
20.90	13.13	0.00	13.13	23.50	10.90	0.00	10.90
20.95	13.08	0.00	13.08	23.55	10.85	0.00	10.85
21.00	13.03	0.00	13.03	23.60	10.80	0.00	10.80
21.05	12.99	0.00	12.99	23.65	10.76	0.00	10.76
21.10	12.94	0.00	12.94	23.70	10.73	0.00	10.73
21.15	12.89	0.00	12.89	23.75	10.69	0.00	10.69
21.20	12.85	0.00	12.85	23.80	10.65	0.00	10.65
21.25	12.81	0.00	12.81	23.85	10.60	0.00	10.60
21.30	12.77	0.00	12.77	23.90	10.56	0.00	10.56
21.35	12.73	0.00	12.73	23.95	10.55	0.00	10.55
21.40	12.69	0.00	12.69	24.00	10.73	0.00	10.73
21.45	12.64	0.00	12.64	24.05	10.79	0.00	10.79
21.50	12.59	0.00	12.59	24.10	9.92	0.00	9.92
21.55	12.55	0.00	12.55	24.15	8.56	0.00	8.56
21.60	12.50	0.00	12.50	24.20	7.53	0.00	7.53
21.65	12.46	0.00	12.46	24.25	6.78	0.00	6.78
21.70	12.41	0.00	12.41	24.30	6.16	0.00	6.16
21.75	12.37	0.00	12.37	24.35	5.62	0.00	5.62
21.80	12.33	0.00	12.33	24.40	5.16	0.00	5.16
21.85	12.29	0.00	12.29	24.45	4.78	0.00	4.78
21.90	12.25	0.00	12.25	24.50	4.49	0.00	4.49
21.95	12.20	0.00	12.20	24.55	4.28	0.00	4.28
22.00	12.15	0.00	12.15	24.60	4.10	0.00	4.10
22.05	12.11	0.00	12.11	24.65	3.98	0.00	3.98
22.10	12.06	0.00	12.06	24.70	3.88	0.00	3.88
22.15	12.02	0.00	12.02	24.75	3.80	0.00	3.80
22.20	11.99	0.00	11.99	24.80	3.73	0.00	3.73
22.25	11.95	0.00	11.95	24.85	3.67	0.00	3.67
22.30	11.91	0.00	11.91	24.90	3.63	0.00	3.63
22.35	11.86	0.00	11.86	24.95	3.58	0.00	3.58
22.40	11.82	0.00	11.82	25.00	3.55	0.00	3.55
22.45	11.77	0.00	11.77	25.05	3.52	0.00	3.52
22.50	11.73	0.00	11.73	25.10	3.50	0.00	3.50
22.55	11.68	0.00	11.68	25.15	3.48	0.00	3.48
22.60	11.65	0.00	11.65	25.20	3.46	0.00	3.46
22.65	11.62	0.00	11.62	25.25	3.44	0.00	3.44
22.70	11.57	0.00	11.57	25.30	3.43	0.00	3.43
22.75	11.52	0.00	11.52	25.35	3.43	0.00	3.43
22.80	11.48	0.00	11.48	25.40	3.42	0.00	3.42
22.85	11.43	0.00	11.43	25.45	3.41	0.00	3.41
22.90	11.39	0.00	11.39	25.50	3.41	0.00	3.41
22.95	11.35	0.00	11.35	25.55	3.40	0.00	3.40
23.00	11.31	0.00	11.31	25.60	3.40	0.00	3.40
23.05	11.28	0.00	11.28	25.65	3.39	0.00	3.39
23.10	11.23	0.00	11.23	25.70	3.39	0.00	3.39
23.15	11.19	0.00	11.19	25.75	3.38	0.00	3.38
23.20	11.14	0.00	11.14	25.80	3.38	0.00	3.38
23.25	11.10	0.00	11.10	25.85	3.37	0.00	3.37
23.30	11.05	0.00	11.05	25.90	3.37	0.00	3.37
23.35	11.01	0.00	11.01	25.95	3.36	0.00	3.36

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	3.36	0.00	3.36	28.60	3.08	0.00	3.08
26.05	3.35	0.00	3.35	28.65	3.08	0.00	3.08
26.10	3.35	0.00	3.35	28.70	3.07	0.00	3.07
26.15	3.34	0.00	3.34	28.75	3.07	0.00	3.07
26.20	3.34	0.00	3.34	28.80	3.06	0.00	3.06
26.25	3.33	0.00	3.33	28.85	3.06	0.00	3.06
26.30	3.33	0.00	3.33	28.90	3.05	0.00	3.05
26.35	3.32	0.00	3.32	28.95	3.05	0.00	3.05
26.40	3.32	0.00	3.32	29.00	3.04	0.00	3.04
26.45	3.31	0.00	3.31	29.05	3.04	0.00	3.04
26.50	3.31	0.00	3.31	29.10	3.03	0.00	3.03
26.55	3.30	0.00	3.30	29.15	3.03	0.00	3.03
26.60	3.30	0.00	3.30	29.20	3.02	0.00	3.02
26.65	3.29	0.00	3.29	29.25	3.01	0.00	3.01
26.70	3.29	0.00	3.29	29.30	3.01	0.00	3.01
26.75	3.28	0.00	3.28	29.35	3.00	0.00	3.00
26.80	3.27	0.00	3.27	29.40	3.00	0.00	3.00
26.85	3.27	0.00	3.27	29.45	2.99	0.00	2.99
26.90	3.26	0.00	3.26	29.50	2.99	0.00	2.99
26.95	3.26	0.00	3.26	29.55	2.98	0.00	2.98
27.00	3.25	0.00	3.25	29.60	2.98	0.00	2.98
27.05	3.25	0.00	3.25	29.65	2.97	0.00	2.97
27.10	3.24	0.00	3.24	29.70	2.97	0.00	2.97
27.15	3.24	0.00	3.24	29.75	2.96	0.00	2.96
27.20	3.23	0.00	3.23	29.80	2.96	0.00	2.96
27.25	3.23	0.00	3.23	29.85	2.95	0.00	2.95
27.30	3.22	0.00	3.22	29.90	2.94	0.00	2.94
27.35	3.22	0.00	3.22	29.95	2.94	0.00	2.94
27.40	3.21	0.00	3.21	30.00	2.93	0.00	2.93
27.45	3.21	0.00	3.21	30.05	2.93	0.00	2.93
27.50	3.20	0.00	3.20	30.10	2.92	0.00	2.92
27.55	3.20	0.00	3.20	30.15	2.92	0.00	2.92
27.60	3.19	0.00	3.19	30.20	2.91	0.00	2.91
27.65	3.19	0.00	3.19	30.25	2.91	0.00	2.91
27.70	3.18	0.00	3.18	30.30	2.90	0.00	2.90
27.75	3.18	0.00	3.18	30.35	2.90	0.00	2.90
27.80	3.17	0.00	3.17	30.40	2.89	0.00	2.89
27.85	3.16	0.00	3.16	30.45	2.88	0.00	2.88
27.90	3.16	0.00	3.16	30.50	2.88	0.00	2.88
27.95	3.15	0.00	3.15	30.55	2.87	0.00	2.87
28.00	3.15	0.00	3.15	30.60	2.87	0.00	2.87
28.05	3.14	0.00	3.14	30.65	2.86	0.00	2.86
28.10	3.14	0.00	3.14	30.70	2.86	0.00	2.86
28.15	3.13	0.00	3.13	30.75	2.85	0.00	2.85
28.20	3.13	0.00	3.13	30.80	2.85	0.00	2.85
28.25	3.12	0.00	3.12	30.85	2.84	0.00	2.84
28.30	3.12	0.00	3.12	30.90	2.83	0.00	2.83
28.35	3.11	0.00	3.11	30.95	2.83	0.00	2.83
28.40	3.11	0.00	3.11	31.00	2.82	0.00	2.82
28.45	3.10	0.00	3.10	31.05	2.82	0.00	2.82
28.50	3.10	0.00	3.10	31.10	2.81	0.00	2.81
28.55	3.09	0.00	3.09	31.15	2.81	0.00	2.81

Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.80	0.00	2.80	33.80	2.52	0.00	2.52
31.25	2.80	0.00	2.80	33.85	2.51	0.00	2.51
31.30	2.79	0.00	2.79	33.90	2.51	0.00	2.51
31.35	2.79	0.00	2.79	33.95	2.50	0.00	2.50
31.40	2.78	0.00	2.78	34.00	2.50	0.00	2.50
31.45	2.77	0.00	2.77	34.05	2.49	0.00	2.49
31.50	2.77	0.00	2.77	34.10	2.49	0.00	2.49
31.55	2.76	0.00	2.76	34.15	2.48	0.00	2.48
31.60	2.76	0.00	2.76	34.20	2.48	0.00	2.48
31.65	2.75	0.00	2.75	34.25	2.47	0.00	2.47
31.70	2.75	0.00	2.75	34.30	2.47	0.00	2.47
31.75	2.74	0.00	2.74	34.35	2.46	0.00	2.46
31.80	2.74	0.00	2.74	34.40	2.46	0.00	2.46
31.85	2.73	0.00	2.73	34.45	2.45	0.00	2.45
31.90	2.73	0.00	2.73	34.50	2.44	0.00	2.44
31.95	2.72	0.00	2.72	34.55	2.44	0.00	2.44
32.00	2.71	0.00	2.71	34.60	2.43	0.00	2.43
32.05	2.71	0.00	2.71	34.65	2.43	0.00	2.43
32.10	2.70	0.00	2.70	34.70	2.42	0.00	2.42
32.15	2.70	0.00	2.70	34.75	2.42	0.00	2.42
32.20	2.69	0.00	2.69	34.80	2.41	0.00	2.41
32.25	2.69	0.00	2.69	34.85	2.41	0.00	2.41
32.30	2.68	0.00	2.68	34.90	2.40	0.00	2.40
32.35	2.68	0.00	2.68	34.95	2.40	0.00	2.40
32.40	2.67	0.00	2.67	35.00	2.39	0.00	2.39
32.45	2.67	0.00	2.67	35.05	2.39	0.00	2.39
32.50	2.66	0.00	2.66	35.10	2.38	0.00	2.38
32.55	2.65	0.00	2.65	35.15	2.37	0.00	2.37
32.60	2.65	0.00	2.65	35.20	2.37	0.00	2.37
32.65	2.64	0.00	2.64	35.25	2.36	0.00	2.36
32.70	2.64	0.00	2.64	35.30	2.36	0.00	2.36
32.75	2.63	0.00	2.63	35.35	2.35	0.00	2.35
32.80	2.63	0.00	2.63	35.40	2.35	0.00	2.35
32.85	2.62	0.00	2.62	35.45	2.34	0.00	2.34
32.90	2.62	0.00	2.62	35.50	2.34	0.00	2.34
32.95	2.61	0.00	2.61	35.55	2.33	0.00	2.33
33.00	2.61	0.00	2.61	35.60	2.33	0.00	2.33
33.05	2.60	0.00	2.60	35.65	2.32	0.00	2.32
33.10	2.60	0.00	2.60	35.70	2.32	0.00	2.32
33.15	2.59	0.00	2.59	35.75	2.31	0.00	2.31
33.20	2.58	0.00	2.58	35.80	2.31	0.00	2.31
33.25	2.58	0.00	2.58	35.85	2.30	0.00	2.30
33.30	2.57	0.00	2.57	35.90	2.29	0.00	2.29
33.35	2.57	0.00	2.57	35.95	2.29	0.00	2.29
33.40	2.56	0.00	2.56	36.00	2.28	0.00	2.28
33.45	2.56	0.00	2.56	36.05	2.28	0.00	2.28
33.50	2.55	0.00	2.55	36.10	2.27	0.00	2.27
33.55	2.55	0.00	2.55	36.15	2.27	0.00	2.27
33.60	2.54	0.00	2.54	36.20	2.26	0.00	2.26
33.65	2.54	0.00	2.54	36.25	2.26	0.00	2.26
33.70	2.53	0.00	2.53	36.30	2.25	0.00	2.25
33.75	2.52	0.00	2.52	36.35	2.24	0.00	2.24

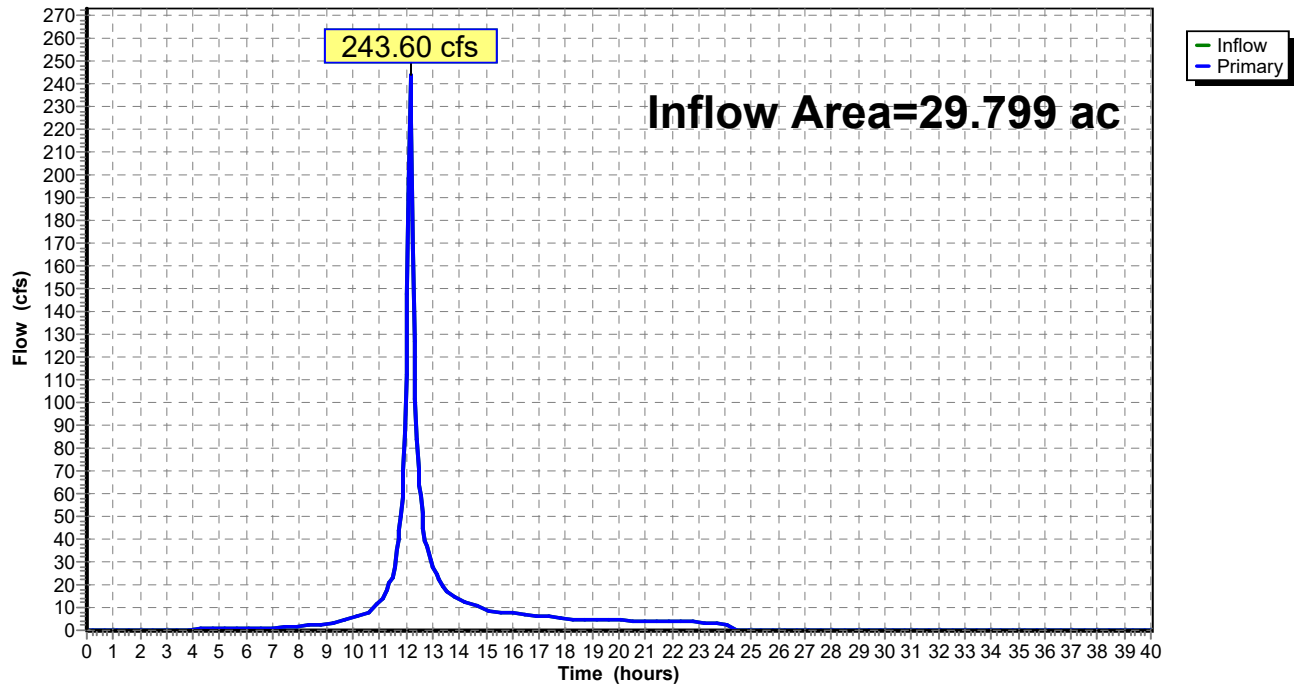
Hydrograph for Link PDA-1: Proposed Drainage Area #1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	2.24	0.00	2.24	39.00	1.98	0.00	1.98
36.45	2.23	0.00	2.23	39.05	1.97	0.00	1.97
36.50	2.23	0.00	2.23	39.10	1.97	0.00	1.97
36.55	2.22	0.00	2.22	39.15	1.96	0.00	1.96
36.60	2.22	0.00	2.22	39.20	1.96	0.00	1.96
36.65	2.21	0.00	2.21	39.25	1.95	0.00	1.95
36.70	2.21	0.00	2.21	39.30	1.95	0.00	1.95
36.75	2.20	0.00	2.20	39.35	1.95	0.00	1.95
36.80	2.20	0.00	2.20	39.40	1.94	0.00	1.94
36.85	2.19	0.00	2.19	39.45	1.94	0.00	1.94
36.90	2.19	0.00	2.19	39.50	1.93	0.00	1.93
36.95	2.18	0.00	2.18	39.55	1.93	0.00	1.93
37.00	2.17	0.00	2.17	39.60	1.92	0.00	1.92
37.05	2.17	0.00	2.17	39.65	1.92	0.00	1.92
37.10	2.16	0.00	2.16	39.70	1.91	0.00	1.91
37.15	2.16	0.00	2.16	39.75	1.91	0.00	1.91
37.20	2.15	0.00	2.15	39.80	1.90	0.00	1.90
37.25	2.15	0.00	2.15	39.85	1.90	0.00	1.90
37.30	2.14	0.00	2.14	39.90	1.89	0.00	1.89
37.35	2.14	0.00	2.14	39.95	1.89	0.00	1.89
37.40	2.13	0.00	2.13	40.00	1.89	0.00	1.89
37.45	2.13	0.00	2.13				
37.50	2.12	0.00	2.12				
37.55	2.12	0.00	2.12				
37.60	2.11	0.00	2.11				
37.65	2.11	0.00	2.11				
37.70	2.10	0.00	2.10				
37.75	2.10	0.00	2.10				
37.80	2.09	0.00	2.09				
37.85	2.09	0.00	2.09				
37.90	2.08	0.00	2.08				
37.95	2.08	0.00	2.08				
38.00	2.07	0.00	2.07				
38.05	2.07	0.00	2.07				
38.10	2.06	0.00	2.06				
38.15	2.06	0.00	2.06				
38.20	2.05	0.00	2.05				
38.25	2.05	0.00	2.05				
38.30	2.04	0.00	2.04				
38.35	2.04	0.00	2.04				
38.40	2.03	0.00	2.03				
38.45	2.03	0.00	2.03				
38.50	2.02	0.00	2.02				
38.55	2.02	0.00	2.02				
38.60	2.01	0.00	2.01				
38.65	2.01	0.00	2.01				
38.70	2.01	0.00	2.01				
38.75	2.00	0.00	2.00				
38.80	2.00	0.00	2.00				
38.85	1.99	0.00	1.99				
38.90	1.99	0.00	1.99				
38.95	1.98	0.00	1.98				

Summary for Link PDA-1OF: PDA-1 (offsite)

Inflow Area = 29.799 ac, 8.84% Impervious, Inflow Depth = 7.29" for Future 100 yr event
Inflow = 243.60 cfs @ 12.16 hrs, Volume= 18.113 af
Primary = 243.60 cfs @ 12.16 hrs, Volume= 18.113 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1OF: PDA-1 (offsite)**Hydrograph**

Hydrograph for Link PDA-1OF: PDA-1 (offsite)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.18	0.00	0.18
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.18
0.10	0.00	0.00	0.00	2.70	0.19	0.00	0.19
0.15	0.00	0.00	0.00	2.75	0.20	0.00	0.20
0.20	0.00	0.00	0.00	2.80	0.21	0.00	0.21
0.25	0.00	0.00	0.00	2.85	0.22	0.00	0.22
0.30	0.00	0.00	0.00	2.90	0.22	0.00	0.22
0.35	0.00	0.00	0.00	2.95	0.23	0.00	0.23
0.40	0.00	0.00	0.00	3.00	0.24	0.00	0.24
0.45	0.00	0.00	0.00	3.05	0.24	0.00	0.24
0.50	0.00	0.00	0.00	3.10	0.25	0.00	0.25
0.55	0.00	0.00	0.00	3.15	0.26	0.00	0.26
0.60	0.00	0.00	0.00	3.20	0.27	0.00	0.27
0.65	0.00	0.00	0.00	3.25	0.27	0.00	0.27
0.70	0.00	0.00	0.00	3.30	0.28	0.00	0.28
0.75	0.00	0.00	0.00	3.35	0.29	0.00	0.29
0.80	0.00	0.00	0.00	3.40	0.29	0.00	0.29
0.85	0.00	0.00	0.00	3.45	0.30	0.00	0.30
0.90	0.00	0.00	0.00	3.50	0.31	0.00	0.31
0.95	0.00	0.00	0.00	3.55	0.32	0.00	0.32
1.00	0.00	0.00	0.00	3.60	0.32	0.00	0.32
1.05	0.00	0.00	0.00	3.65	0.33	0.00	0.33
1.10	0.00	0.00	0.00	3.70	0.33	0.00	0.33
1.15	0.00	0.00	0.00	3.75	0.34	0.00	0.34
1.20	0.00	0.00	0.00	3.80	0.35	0.00	0.35
1.25	0.00	0.00	0.00	3.85	0.35	0.00	0.35
1.30	0.00	0.00	0.00	3.90	0.36	0.00	0.36
1.35	0.00	0.00	0.00	3.95	0.37	0.00	0.37
1.40	0.00	0.00	0.00	4.00	0.37	0.00	0.37
1.45	0.00	0.00	0.00	4.05	0.38	0.00	0.38
1.50	0.00	0.00	0.00	4.10	0.39	0.00	0.39
1.55	0.00	0.00	0.00	4.15	0.39	0.00	0.39
1.60	0.01	0.00	0.01	4.20	0.40	0.00	0.40
1.65	0.02	0.00	0.02	4.25	0.40	0.00	0.40
1.70	0.03	0.00	0.03	4.30	0.41	0.00	0.41
1.75	0.03	0.00	0.03	4.35	0.42	0.00	0.42
1.80	0.04	0.00	0.04	4.40	0.42	0.00	0.42
1.85	0.05	0.00	0.05	4.45	0.43	0.00	0.43
1.90	0.06	0.00	0.06	4.50	0.43	0.00	0.43
1.95	0.07	0.00	0.07	4.55	0.44	0.00	0.44
2.00	0.08	0.00	0.08	4.60	0.45	0.00	0.45
2.05	0.09	0.00	0.09	4.65	0.45	0.00	0.45
2.10	0.10	0.00	0.10	4.70	0.46	0.00	0.46
2.15	0.10	0.00	0.10	4.75	0.46	0.00	0.46
2.20	0.11	0.00	0.11	4.80	0.47	0.00	0.47
2.25	0.12	0.00	0.12	4.85	0.47	0.00	0.47
2.30	0.13	0.00	0.13	4.90	0.48	0.00	0.48
2.35	0.14	0.00	0.14	4.95	0.49	0.00	0.49
2.40	0.15	0.00	0.15	5.00	0.49	0.00	0.49
2.45	0.15	0.00	0.15	5.05	0.50	0.00	0.50
2.50	0.16	0.00	0.16	5.10	0.50	0.00	0.50
2.55	0.17	0.00	0.17	5.15	0.51	0.00	0.51

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.51	0.00	0.51	7.80	1.60	0.00	1.60
5.25	0.52	0.00	0.52	7.85	1.64	0.00	1.64
5.30	0.52	0.00	0.52	7.90	1.69	0.00	1.69
5.35	0.53	0.00	0.53	7.95	1.73	0.00	1.73
5.40	0.54	0.00	0.54	8.00	1.78	0.00	1.78
5.45	0.54	0.00	0.54	8.05	1.83	0.00	1.83
5.50	0.55	0.00	0.55	8.10	1.88	0.00	1.88
5.55	0.55	0.00	0.55	8.15	1.92	0.00	1.92
5.60	0.56	0.00	0.56	8.20	1.97	0.00	1.97
5.65	0.56	0.00	0.56	8.25	2.03	0.00	2.03
5.70	0.57	0.00	0.57	8.30	2.08	0.00	2.08
5.75	0.57	0.00	0.57	8.35	2.12	0.00	2.12
5.80	0.58	0.00	0.58	8.40	2.17	0.00	2.17
5.85	0.58	0.00	0.58	8.45	2.23	0.00	2.23
5.90	0.59	0.00	0.59	8.50	2.28	0.00	2.28
5.95	0.59	0.00	0.59	8.55	2.34	0.00	2.34
6.00	0.60	0.00	0.60	8.60	2.39	0.00	2.39
6.05	0.60	0.00	0.60	8.65	2.44	0.00	2.44
6.10	0.61	0.00	0.61	8.70	2.50	0.00	2.50
6.15	0.62	0.00	0.62	8.75	2.55	0.00	2.55
6.20	0.63	0.00	0.63	8.80	2.61	0.00	2.61
6.25	0.64	0.00	0.64	8.85	2.66	0.00	2.66
6.30	0.65	0.00	0.65	8.90	2.71	0.00	2.71
6.35	0.66	0.00	0.66	8.95	2.77	0.00	2.77
6.40	0.67	0.00	0.67	9.00	2.83	0.00	2.83
6.45	0.68	0.00	0.68	9.05	2.90	0.00	2.90
6.50	0.70	0.00	0.70	9.10	2.99	0.00	2.99
6.55	0.71	0.00	0.71	9.15	3.09	0.00	3.09
6.60	0.72	0.00	0.72	9.20	3.20	0.00	3.20
6.65	0.73	0.00	0.73	9.25	3.32	0.00	3.32
6.70	0.75	0.00	0.75	9.30	3.45	0.00	3.45
6.75	0.78	0.00	0.78	9.35	3.58	0.00	3.58
6.80	0.80	0.00	0.80	9.40	3.71	0.00	3.71
6.85	0.84	0.00	0.84	9.45	3.84	0.00	3.84
6.90	0.87	0.00	0.87	9.50	3.98	0.00	3.98
6.95	0.91	0.00	0.91	9.55	4.12	0.00	4.12
7.00	0.94	0.00	0.94	9.60	4.26	0.00	4.26
7.05	0.98	0.00	0.98	9.65	4.41	0.00	4.41
7.10	1.02	0.00	1.02	9.70	4.56	0.00	4.56
7.15	1.06	0.00	1.06	9.75	4.71	0.00	4.71
7.20	1.09	0.00	1.09	9.80	4.86	0.00	4.86
7.25	1.13	0.00	1.13	9.85	5.02	0.00	5.02
7.30	1.17	0.00	1.17	9.90	5.18	0.00	5.18
7.35	1.21	0.00	1.21	9.95	5.34	0.00	5.34
7.40	1.25	0.00	1.25	10.00	5.51	0.00	5.51
7.45	1.29	0.00	1.29	10.05	5.67	0.00	5.67
7.50	1.33	0.00	1.33	10.10	5.84	0.00	5.84
7.55	1.38	0.00	1.38	10.15	6.01	0.00	6.01
7.60	1.42	0.00	1.42	10.20	6.19	0.00	6.19
7.65	1.46	0.00	1.46	10.25	6.38	0.00	6.38
7.70	1.50	0.00	1.50	10.30	6.56	0.00	6.56
7.75	1.55	0.00	1.55	10.35	6.74	0.00	6.74

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	6.92	0.00	6.92	13.00	28.42	0.00	28.42
10.45	7.11	0.00	7.11	13.05	26.93	0.00	26.93
10.50	7.31	0.00	7.31	13.10	25.41	0.00	25.41
10.55	7.54	0.00	7.54	13.15	23.99	0.00	23.99
10.60	7.91	0.00	7.91	13.20	22.84	0.00	22.84
10.65	8.37	0.00	8.37	13.25	21.89	0.00	21.89
10.70	8.89	0.00	8.89	13.30	21.01	0.00	21.01
10.75	9.42	0.00	9.42	13.35	20.18	0.00	20.18
10.80	10.00	0.00	10.00	13.40	19.35	0.00	19.35
10.85	10.58	0.00	10.58	13.45	18.54	0.00	18.54
10.90	11.18	0.00	11.18	13.50	17.71	0.00	17.71
10.95	11.79	0.00	11.79	13.55	16.91	0.00	16.91
11.00	12.43	0.00	12.43	13.60	16.09	0.00	16.09
11.05	13.12	0.00	13.12	13.65	15.34	0.00	15.34
11.10	14.02	0.00	14.02	13.70	14.83	0.00	14.83
11.15	15.04	0.00	15.04	13.75	14.48	0.00	14.48
11.20	16.16	0.00	16.16	13.80	14.21	0.00	14.21
11.25	17.32	0.00	17.32	13.85	13.98	0.00	13.98
11.30	18.54	0.00	18.54	13.90	13.76	0.00	13.76
11.35	19.78	0.00	19.78	13.95	13.56	0.00	13.56
11.40	21.08	0.00	21.08	14.00	13.34	0.00	13.34
11.45	22.36	0.00	22.36	14.05	13.13	0.00	13.13
11.50	23.61	0.00	23.61	14.10	12.90	0.00	12.90
11.55	25.44	0.00	25.44	14.15	12.70	0.00	12.70
11.60	30.01	0.00	30.01	14.20	12.49	0.00	12.49
11.65	35.70	0.00	35.70	14.25	12.29	0.00	12.29
11.70	39.90	0.00	39.90	14.30	12.07	0.00	12.07
11.75	43.53	0.00	43.53	14.35	11.85	0.00	11.85
11.80	49.85	0.00	49.85	14.40	11.63	0.00	11.63
11.85	58.39	0.00	58.39	14.45	11.42	0.00	11.42
11.90	70.00	0.00	70.00	14.50	11.21	0.00	11.21
11.95	85.44	0.00	85.44	14.55	11.00	0.00	11.00
12.00	111.86	0.00	111.86	14.60	10.78	0.00	10.78
12.05	147.53	0.00	147.53	14.65	10.56	0.00	10.56
12.10	198.54	0.00	198.54	14.70	10.34	0.00	10.34
12.15	242.47	0.00	242.47	14.75	10.13	0.00	10.13
12.20	222.57	0.00	222.57	14.80	9.92	0.00	9.92
12.25	167.81	0.00	167.81	14.85	9.71	0.00	9.71
12.30	126.85	0.00	126.85	14.90	9.49	0.00	9.49
12.35	101.37	0.00	101.37	14.95	9.27	0.00	9.27
12.40	83.55	0.00	83.55	15.00	9.04	0.00	9.04
12.45	70.83	0.00	70.83	15.05	8.83	0.00	8.83
12.50	63.54	0.00	63.54	15.10	8.62	0.00	8.62
12.55	58.82	0.00	58.82	15.15	8.42	0.00	8.42
12.60	51.80	0.00	51.80	15.20	8.29	0.00	8.29
12.65	44.20	0.00	44.20	15.25	8.19	0.00	8.19
12.70	39.40	0.00	39.40	15.30	8.11	0.00	8.11
12.75	36.71	0.00	36.71	15.35	8.05	0.00	8.05
12.80	34.71	0.00	34.71	15.40	8.00	0.00	8.00
12.85	33.04	0.00	33.04	15.45	7.95	0.00	7.95
12.90	31.45	0.00	31.45	15.50	7.89	0.00	7.89
12.95	29.94	0.00	29.94	15.55	7.83	0.00	7.83

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	7.77	0.00	7.77	18.20	4.80	0.00	4.80
15.65	7.72	0.00	7.72	18.25	4.78	0.00	4.78
15.70	7.66	0.00	7.66	18.30	4.76	0.00	4.76
15.75	7.60	0.00	7.60	18.35	4.75	0.00	4.75
15.80	7.54	0.00	7.54	18.40	4.73	0.00	4.73
15.85	7.48	0.00	7.48	18.45	4.72	0.00	4.72
15.90	7.43	0.00	7.43	18.50	4.70	0.00	4.70
15.95	7.38	0.00	7.38	18.55	4.69	0.00	4.69
16.00	7.32	0.00	7.32	18.60	4.67	0.00	4.67
16.05	7.26	0.00	7.26	18.65	4.66	0.00	4.66
16.10	7.20	0.00	7.20	18.70	4.65	0.00	4.65
16.15	7.15	0.00	7.15	18.75	4.63	0.00	4.63
16.20	7.10	0.00	7.10	18.80	4.62	0.00	4.62
16.25	7.04	0.00	7.04	18.85	4.60	0.00	4.60
16.30	6.98	0.00	6.98	18.90	4.59	0.00	4.59
16.35	6.91	0.00	6.91	18.95	4.57	0.00	4.57
16.40	6.86	0.00	6.86	19.00	4.56	0.00	4.56
16.45	6.81	0.00	6.81	19.05	4.55	0.00	4.55
16.50	6.75	0.00	6.75	19.10	4.53	0.00	4.53
16.55	6.68	0.00	6.68	19.15	4.52	0.00	4.52
16.60	6.63	0.00	6.63	19.20	4.50	0.00	4.50
16.65	6.58	0.00	6.58	19.25	4.49	0.00	4.49
16.70	6.52	0.00	6.52	19.30	4.47	0.00	4.47
16.75	6.47	0.00	6.47	19.35	4.46	0.00	4.46
16.80	6.40	0.00	6.40	19.40	4.45	0.00	4.45
16.85	6.34	0.00	6.34	19.45	4.43	0.00	4.43
16.90	6.28	0.00	6.28	19.50	4.42	0.00	4.42
16.95	6.23	0.00	6.23	19.55	4.40	0.00	4.40
17.00	6.18	0.00	6.18	19.60	4.39	0.00	4.39
17.05	6.12	0.00	6.12	19.65	4.37	0.00	4.37
17.10	6.06	0.00	6.06	19.70	4.36	0.00	4.36
17.15	6.01	0.00	6.01	19.75	4.35	0.00	4.35
17.20	5.95	0.00	5.95	19.80	4.34	0.00	4.34
17.25	5.89	0.00	5.89	19.85	4.33	0.00	4.33
17.30	5.82	0.00	5.82	19.90	4.32	0.00	4.32
17.35	5.76	0.00	5.76	19.95	4.30	0.00	4.30
17.40	5.70	0.00	5.70	20.00	4.28	0.00	4.28
17.45	5.65	0.00	5.65	20.05	4.26	0.00	4.26
17.50	5.59	0.00	5.59	20.10	4.24	0.00	4.24
17.55	5.54	0.00	5.54	20.15	4.23	0.00	4.23
17.60	5.48	0.00	5.48	20.20	4.22	0.00	4.22
17.65	5.42	0.00	5.42	20.25	4.20	0.00	4.20
17.70	5.36	0.00	5.36	20.30	4.19	0.00	4.19
17.75	5.31	0.00	5.31	20.35	4.17	0.00	4.17
17.80	5.25	0.00	5.25	20.40	4.16	0.00	4.16
17.85	5.19	0.00	5.19	20.45	4.14	0.00	4.14
17.90	5.13	0.00	5.13	20.50	4.13	0.00	4.13
17.95	5.07	0.00	5.07	20.55	4.11	0.00	4.11
18.00	5.01	0.00	5.01	20.60	4.11	0.00	4.11
18.05	4.95	0.00	4.95	20.65	4.10	0.00	4.10
18.10	4.89	0.00	4.89	20.70	4.09	0.00	4.09
18.15	4.84	0.00	4.84	20.75	4.06	0.00	4.06

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	4.04	0.00	4.04	23.40	3.29	0.00	3.29
20.85	4.03	0.00	4.03	23.45	3.28	0.00	3.28
20.90	4.01	0.00	4.01	23.50	3.26	0.00	3.26
20.95	4.00	0.00	4.00	23.55	3.24	0.00	3.24
21.00	3.98	0.00	3.98	23.60	3.22	0.00	3.22
21.05	3.97	0.00	3.97	23.65	3.21	0.00	3.21
21.10	3.95	0.00	3.95	23.70	3.20	0.00	3.20
21.15	3.94	0.00	3.94	23.75	3.19	0.00	3.19
21.20	3.92	0.00	3.92	23.80	3.18	0.00	3.18
21.25	3.91	0.00	3.91	23.85	3.15	0.00	3.15
21.30	3.90	0.00	3.90	23.90	3.13	0.00	3.13
21.35	3.90	0.00	3.90	23.95	3.16	0.00	3.16
21.40	3.88	0.00	3.88	24.00	3.34	0.00	3.34
21.45	3.86	0.00	3.86	24.05	3.40	0.00	3.40
21.50	3.84	0.00	3.84	24.10	2.54	0.00	2.54
21.55	3.82	0.00	3.82	24.15	1.30	0.00	1.30
21.60	3.81	0.00	3.81	24.20	0.57	0.00	0.57
21.65	3.79	0.00	3.79	24.25	0.25	0.00	0.25
21.70	3.78	0.00	3.78	24.30	0.11	0.00	0.11
21.75	3.77	0.00	3.77	24.35	0.04	0.00	0.04
21.80	3.76	0.00	3.76	24.40	0.02	0.00	0.02
21.85	3.75	0.00	3.75	24.45	0.00	0.00	0.00
21.90	3.74	0.00	3.74	24.50	0.00	0.00	0.00
21.95	3.71	0.00	3.71	24.55	0.00	0.00	0.00
22.00	3.69	0.00	3.69	24.60	0.00	0.00	0.00
22.05	3.68	0.00	3.68	24.65	0.00	0.00	0.00
22.10	3.66	0.00	3.66	24.70	0.00	0.00	0.00
22.15	3.65	0.00	3.65	24.75	0.00	0.00	0.00
22.20	3.64	0.00	3.64	24.80	0.00	0.00	0.00
22.25	3.63	0.00	3.63	24.85	0.00	0.00	0.00
22.30	3.62	0.00	3.62	24.90	0.00	0.00	0.00
22.35	3.60	0.00	3.60	24.95	0.00	0.00	0.00
22.40	3.58	0.00	3.58	25.00	0.00	0.00	0.00
22.45	3.56	0.00	3.56	25.05	0.00	0.00	0.00
22.50	3.54	0.00	3.54	25.10	0.00	0.00	0.00
22.55	3.53	0.00	3.53	25.15	0.00	0.00	0.00
22.60	3.52	0.00	3.52	25.20	0.00	0.00	0.00
22.65	3.52	0.00	3.52	25.25	0.00	0.00	0.00
22.70	3.50	0.00	3.50	25.30	0.00	0.00	0.00
22.75	3.48	0.00	3.48	25.35	0.00	0.00	0.00
22.80	3.46	0.00	3.46	25.40	0.00	0.00	0.00
22.85	3.44	0.00	3.44	25.45	0.00	0.00	0.00
22.90	3.43	0.00	3.43	25.50	0.00	0.00	0.00
22.95	3.41	0.00	3.41	25.55	0.00	0.00	0.00
23.00	3.41	0.00	3.41	25.60	0.00	0.00	0.00
23.05	3.40	0.00	3.40	25.65	0.00	0.00	0.00
23.10	3.38	0.00	3.38	25.70	0.00	0.00	0.00
23.15	3.36	0.00	3.36	25.75	0.00	0.00	0.00
23.20	3.34	0.00	3.34	25.80	0.00	0.00	0.00
23.25	3.32	0.00	3.32	25.85	0.00	0.00	0.00
23.30	3.31	0.00	3.31	25.90	0.00	0.00	0.00
23.35	3.30	0.00	3.30	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

Hydrograph for Link PDA-1OF: PDA-1 (offsite) (continued)

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

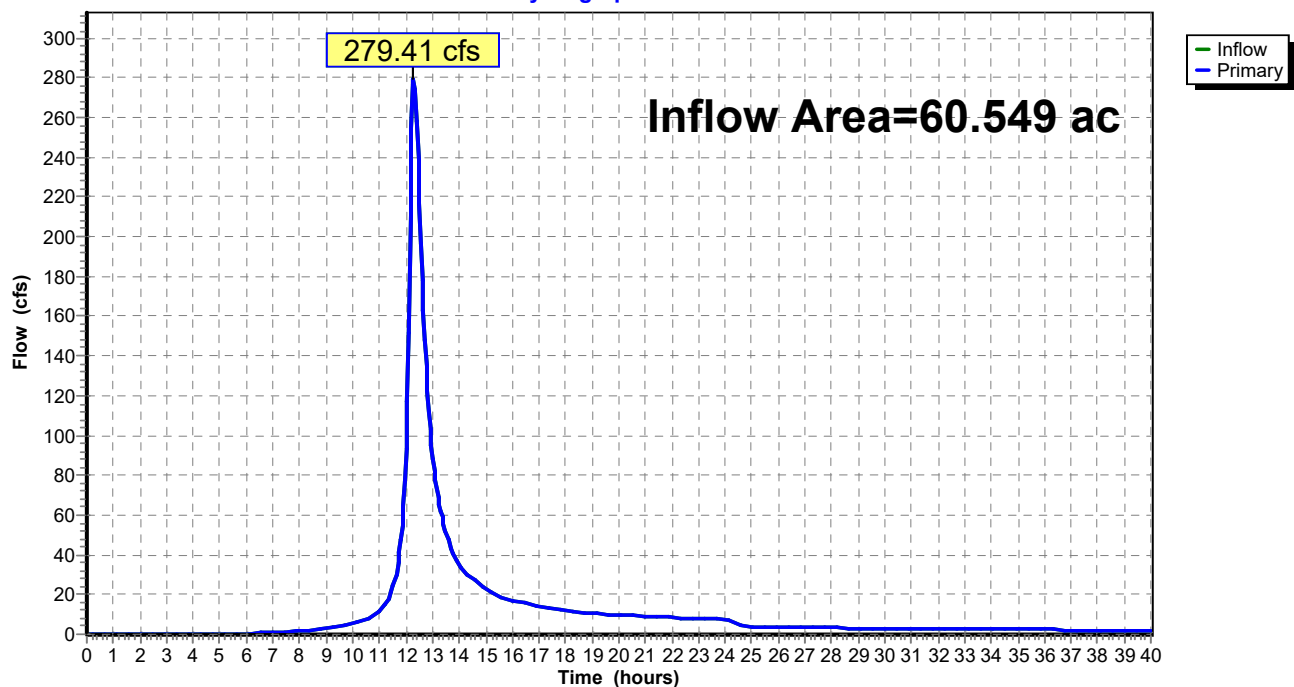
Summary for Link PDA-1ON: PDA-1 (onsite)

Inflow Area = 60.549 ac, 24.89% Impervious, Inflow Depth > 7.51" for Future 100 yr event
Inflow = 279.41 cfs @ 12.27 hrs, Volume= 37.907 af
Primary = 279.41 cfs @ 12.27 hrs, Volume= 37.907 af, Atten= 0%, Lag= 0.0 min
Routed to Link PDA-1 : Proposed Drainage Area #1

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

Link PDA-1ON: PDA-1 (onsite)

Hydrograph



Hydrograph for Link PDA-1ON: PDA-1 (onsite)

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

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	1.35	0.00	1.35
5.25	0.01	0.00	0.01	7.85	1.39	0.00	1.39
5.30	0.01	0.00	0.01	7.90	1.44	0.00	1.44
5.35	0.02	0.00	0.02	7.95	1.48	0.00	1.48
5.40	0.03	0.00	0.03	8.00	1.53	0.00	1.53
5.45	0.04	0.00	0.04	8.05	1.59	0.00	1.59
5.50	0.06	0.00	0.06	8.10	1.65	0.00	1.65
5.55	0.08	0.00	0.08	8.15	1.71	0.00	1.71
5.60	0.09	0.00	0.09	8.20	1.77	0.00	1.77
5.65	0.11	0.00	0.11	8.25	1.84	0.00	1.84
5.70	0.13	0.00	0.13	8.30	1.91	0.00	1.91
5.75	0.15	0.00	0.15	8.35	1.98	0.00	1.98
5.80	0.17	0.00	0.17	8.40	2.06	0.00	2.06
5.85	0.19	0.00	0.19	8.45	2.13	0.00	2.13
5.90	0.21	0.00	0.21	8.50	2.21	0.00	2.21
5.95	0.23	0.00	0.23	8.55	2.29	0.00	2.29
6.00	0.25	0.00	0.25	8.60	2.37	0.00	2.37
6.05	0.27	0.00	0.27	8.65	2.44	0.00	2.44
6.10	0.29	0.00	0.29	8.70	2.52	0.00	2.52
6.15	0.31	0.00	0.31	8.75	2.60	0.00	2.60
6.20	0.33	0.00	0.33	8.80	2.68	0.00	2.68
6.25	0.35	0.00	0.35	8.85	2.76	0.00	2.76
6.30	0.38	0.00	0.38	8.90	2.84	0.00	2.84
6.35	0.40	0.00	0.40	8.95	2.92	0.00	2.92
6.40	0.42	0.00	0.42	9.00	3.00	0.00	3.00
6.45	0.45	0.00	0.45	9.05	3.08	0.00	3.08
6.50	0.48	0.00	0.48	9.10	3.16	0.00	3.16
6.55	0.50	0.00	0.50	9.15	3.24	0.00	3.24
6.60	0.53	0.00	0.53	9.20	3.34	0.00	3.34
6.65	0.56	0.00	0.56	9.25	3.44	0.00	3.44
6.70	0.59	0.00	0.59	9.30	3.54	0.00	3.54
6.75	0.61	0.00	0.61	9.35	3.66	0.00	3.66
6.80	0.64	0.00	0.64	9.40	3.79	0.00	3.79
6.85	0.67	0.00	0.67	9.45	3.92	0.00	3.92
6.90	0.70	0.00	0.70	9.50	4.06	0.00	4.06
6.95	0.74	0.00	0.74	9.55	4.20	0.00	4.20
7.00	0.77	0.00	0.77	9.60	4.35	0.00	4.35
7.05	0.80	0.00	0.80	9.65	4.50	0.00	4.50
7.10	0.83	0.00	0.83	9.70	4.66	0.00	4.66
7.15	0.87	0.00	0.87	9.75	4.81	0.00	4.81
7.20	0.90	0.00	0.90	9.80	4.98	0.00	4.98
7.25	0.94	0.00	0.94	9.85	5.14	0.00	5.14
7.30	0.97	0.00	0.97	9.90	5.30	0.00	5.30
7.35	1.01	0.00	1.01	9.95	5.47	0.00	5.47
7.40	1.04	0.00	1.04	10.00	5.64	0.00	5.64
7.45	1.08	0.00	1.08	10.05	5.82	0.00	5.82
7.50	1.12	0.00	1.12	10.10	6.00	0.00	6.00
7.55	1.15	0.00	1.15	10.15	6.19	0.00	6.19
7.60	1.19	0.00	1.19	10.20	6.38	0.00	6.38
7.65	1.23	0.00	1.23	10.25	6.58	0.00	6.58
7.70	1.27	0.00	1.27	10.30	6.78	0.00	6.78
7.75	1.31	0.00	1.31	10.35	6.98	0.00	6.98

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	7.18	0.00	7.18	13.00	88.17	0.00	88.17
10.45	7.39	0.00	7.39	13.05	82.39	0.00	82.39
10.50	7.59	0.00	7.59	13.10	77.25	0.00	77.25
10.55	7.80	0.00	7.80	13.15	72.80	0.00	72.80
10.60	8.02	0.00	8.02	13.20	68.78	0.00	68.78
10.65	8.25	0.00	8.25	13.25	65.09	0.00	65.09
10.70	8.52	0.00	8.52	13.30	61.72	0.00	61.72
10.75	8.91	0.00	8.91	13.35	58.63	0.00	58.63
10.80	9.42	0.00	9.42	13.40	55.80	0.00	55.80
10.85	10.01	0.00	10.01	13.45	53.21	0.00	53.21
10.90	10.64	0.00	10.64	13.50	50.84	0.00	50.84
10.95	11.30	0.00	11.30	13.55	48.65	0.00	48.65
11.00	11.97	0.00	11.97	13.60	46.56	0.00	46.56
11.05	12.66	0.00	12.66	13.65	44.57	0.00	44.57
11.10	13.35	0.00	13.35	13.70	42.67	0.00	42.67
11.15	14.10	0.00	14.10	13.75	40.91	0.00	40.91
11.20	14.89	0.00	14.89	13.80	39.31	0.00	39.31
11.25	15.89	0.00	15.89	13.85	37.88	0.00	37.88
11.30	17.27	0.00	17.27	13.90	36.62	0.00	36.62
11.35	18.80	0.00	18.80	13.95	35.51	0.00	35.51
11.40	20.41	0.00	20.41	14.00	34.53	0.00	34.53
11.45	22.07	0.00	22.07	14.05	33.65	0.00	33.65
11.50	23.94	0.00	23.94	14.10	32.85	0.00	32.85
11.55	25.91	0.00	25.91	14.15	32.10	0.00	32.10
11.60	28.18	0.00	28.18	14.20	31.41	0.00	31.41
11.65	31.50	0.00	31.50	14.25	30.76	0.00	30.76
11.70	36.06	0.00	36.06	14.30	30.14	0.00	30.14
11.75	41.51	0.00	41.51	14.35	29.54	0.00	29.54
11.80	47.64	0.00	47.64	14.40	28.97	0.00	28.97
11.85	54.78	0.00	54.78	14.45	28.41	0.00	28.41
11.90	64.11	0.00	64.11	14.50	27.86	0.00	27.86
11.95	76.25	0.00	76.25	14.55	27.33	0.00	27.33
12.00	93.25	0.00	93.25	14.60	26.82	0.00	26.82
12.05	117.29	0.00	117.29	14.65	26.31	0.00	26.31
12.10	151.59	0.00	151.59	14.70	25.81	0.00	25.81
12.15	210.84	0.00	210.84	14.75	25.32	0.00	25.32
12.20	254.39	0.00	254.39	14.80	24.83	0.00	24.83
12.25	276.78	0.00	276.78	14.85	24.34	0.00	24.34
12.30	276.32	0.00	276.32	14.90	23.86	0.00	23.86
12.35	272.01	0.00	272.01	14.95	23.38	0.00	23.38
12.40	258.18	0.00	258.18	15.00	22.90	0.00	22.90
12.45	238.88	0.00	238.88	15.05	22.42	0.00	22.42
12.50	217.29	0.00	217.29	15.10	21.96	0.00	21.96
12.55	196.28	0.00	196.28	15.15	21.49	0.00	21.49
12.60	178.09	0.00	178.09	15.20	21.04	0.00	21.04
12.65	162.81	0.00	162.81	15.25	20.61	0.00	20.61
12.70	148.08	0.00	148.08	15.30	20.21	0.00	20.21
12.75	134.43	0.00	134.43	15.35	19.85	0.00	19.85
12.80	122.37	0.00	122.37	15.40	19.52	0.00	19.52
12.85	111.97	0.00	111.97	15.45	19.22	0.00	19.22
12.90	102.93	0.00	102.93	15.50	18.95	0.00	18.95
12.95	94.96	0.00	94.96	15.55	18.71	0.00	18.71

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	18.49	0.00	18.49	18.20	11.45	0.00	11.45
15.65	18.28	0.00	18.28	18.25	11.34	0.00	11.34
15.70	18.08	0.00	18.08	18.30	11.23	0.00	11.23
15.75	17.89	0.00	17.89	18.35	11.14	0.00	11.14
15.80	17.71	0.00	17.71	18.40	11.05	0.00	11.05
15.85	17.53	0.00	17.53	18.45	10.97	0.00	10.97
15.90	17.36	0.00	17.36	18.50	10.90	0.00	10.90
15.95	17.19	0.00	17.19	18.55	10.83	0.00	10.83
16.00	17.04	0.00	17.04	18.60	10.78	0.00	10.78
16.05	16.88	0.00	16.88	18.65	10.72	0.00	10.72
16.10	16.73	0.00	16.73	18.70	10.67	0.00	10.67
16.15	16.59	0.00	16.59	18.75	10.62	0.00	10.62
16.20	16.45	0.00	16.45	18.80	10.57	0.00	10.57
16.25	16.31	0.00	16.31	18.85	10.52	0.00	10.52
16.30	16.17	0.00	16.17	18.90	10.48	0.00	10.48
16.35	16.04	0.00	16.04	18.95	10.43	0.00	10.43
16.40	15.90	0.00	15.90	19.00	10.39	0.00	10.39
16.45	15.76	0.00	15.76	19.05	10.35	0.00	10.35
16.50	15.63	0.00	15.63	19.10	10.31	0.00	10.31
16.55	15.50	0.00	15.50	19.15	10.27	0.00	10.27
16.60	15.37	0.00	15.37	19.20	10.23	0.00	10.23
16.65	15.24	0.00	15.24	19.25	10.19	0.00	10.19
16.70	15.11	0.00	15.11	19.30	10.15	0.00	10.15
16.75	14.98	0.00	14.98	19.35	10.12	0.00	10.12
16.80	14.86	0.00	14.86	19.40	10.08	0.00	10.08
16.85	14.73	0.00	14.73	19.45	10.04	0.00	10.04
16.90	14.60	0.00	14.60	19.50	10.01	0.00	10.01
16.95	14.47	0.00	14.47	19.55	9.97	0.00	9.97
17.00	14.34	0.00	14.34	19.60	9.94	0.00	9.94
17.05	14.22	0.00	14.22	19.65	9.91	0.00	9.91
17.10	14.09	0.00	14.09	19.70	9.87	0.00	9.87
17.15	13.97	0.00	13.97	19.75	9.84	0.00	9.84
17.20	13.85	0.00	13.85	19.80	9.80	0.00	9.80
17.25	13.73	0.00	13.73	19.85	9.77	0.00	9.77
17.30	13.60	0.00	13.60	19.90	9.74	0.00	9.74
17.35	13.48	0.00	13.48	19.95	9.71	0.00	9.71
17.40	13.35	0.00	13.35	20.00	9.68	0.00	9.68
17.45	13.23	0.00	13.23	20.05	9.65	0.00	9.65
17.50	13.11	0.00	13.11	20.10	9.62	0.00	9.62
17.55	12.98	0.00	12.98	20.15	9.58	0.00	9.58
17.60	12.86	0.00	12.86	20.20	9.55	0.00	9.55
17.65	12.75	0.00	12.75	20.25	9.51	0.00	9.51
17.70	12.63	0.00	12.63	20.30	9.48	0.00	9.48
17.75	12.51	0.00	12.51	20.35	9.45	0.00	9.45
17.80	12.39	0.00	12.39	20.40	9.42	0.00	9.42
17.85	12.27	0.00	12.27	20.45	9.38	0.00	9.38
17.90	12.15	0.00	12.15	20.50	9.35	0.00	9.35
17.95	12.03	0.00	12.03	20.55	9.32	0.00	9.32
18.00	11.91	0.00	11.91	20.60	9.29	0.00	9.29
18.05	11.79	0.00	11.79	20.65	9.26	0.00	9.26
18.10	11.68	0.00	11.68	20.70	9.23	0.00	9.23
18.15	11.56	0.00	11.56	20.75	9.20	0.00	9.20

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	9.17	0.00	9.17	23.40	7.69	0.00	7.69
20.85	9.14	0.00	9.14	23.45	7.66	0.00	7.66
20.90	9.11	0.00	9.11	23.50	7.63	0.00	7.63
20.95	9.08	0.00	9.08	23.55	7.61	0.00	7.61
21.00	9.05	0.00	9.05	23.60	7.58	0.00	7.58
21.05	9.02	0.00	9.02	23.65	7.55	0.00	7.55
21.10	8.99	0.00	8.99	23.70	7.53	0.00	7.53
21.15	8.96	0.00	8.96	23.75	7.50	0.00	7.50
21.20	8.92	0.00	8.92	23.80	7.47	0.00	7.47
21.25	8.89	0.00	8.89	23.85	7.45	0.00	7.45
21.30	8.86	0.00	8.86	23.90	7.42	0.00	7.42
21.35	8.83	0.00	8.83	23.95	7.40	0.00	7.40
21.40	8.81	0.00	8.81	24.00	7.38	0.00	7.38
21.45	8.78	0.00	8.78	24.05	7.39	0.00	7.39
21.50	8.75	0.00	8.75	24.10	7.37	0.00	7.37
21.55	8.72	0.00	8.72	24.15	7.25	0.00	7.25
21.60	8.69	0.00	8.69	24.20	6.97	0.00	6.97
21.65	8.66	0.00	8.66	24.25	6.53	0.00	6.53
21.70	8.63	0.00	8.63	24.30	6.06	0.00	6.06
21.75	8.60	0.00	8.60	24.35	5.58	0.00	5.58
21.80	8.57	0.00	8.57	24.40	5.14	0.00	5.14
21.85	8.54	0.00	8.54	24.45	4.77	0.00	4.77
21.90	8.51	0.00	8.51	24.50	4.49	0.00	4.49
21.95	8.49	0.00	8.49	24.55	4.28	0.00	4.28
22.00	8.46	0.00	8.46	24.60	4.10	0.00	4.10
22.05	8.43	0.00	8.43	24.65	3.98	0.00	3.98
22.10	8.40	0.00	8.40	24.70	3.88	0.00	3.88
22.15	8.37	0.00	8.37	24.75	3.80	0.00	3.80
22.20	8.34	0.00	8.34	24.80	3.73	0.00	3.73
22.25	8.32	0.00	8.32	24.85	3.67	0.00	3.67
22.30	8.29	0.00	8.29	24.90	3.63	0.00	3.63
22.35	8.27	0.00	8.27	24.95	3.58	0.00	3.58
22.40	8.24	0.00	8.24	25.00	3.55	0.00	3.55
22.45	8.21	0.00	8.21	25.05	3.52	0.00	3.52
22.50	8.18	0.00	8.18	25.10	3.50	0.00	3.50
22.55	8.15	0.00	8.15	25.15	3.48	0.00	3.48
22.60	8.13	0.00	8.13	25.20	3.46	0.00	3.46
22.65	8.10	0.00	8.10	25.25	3.44	0.00	3.44
22.70	8.07	0.00	8.07	25.30	3.43	0.00	3.43
22.75	8.05	0.00	8.05	25.35	3.43	0.00	3.43
22.80	8.02	0.00	8.02	25.40	3.42	0.00	3.42
22.85	7.99	0.00	7.99	25.45	3.41	0.00	3.41
22.90	7.96	0.00	7.96	25.50	3.41	0.00	3.41
22.95	7.93	0.00	7.93	25.55	3.40	0.00	3.40
23.00	7.90	0.00	7.90	25.60	3.40	0.00	3.40
23.05	7.88	0.00	7.88	25.65	3.39	0.00	3.39
23.10	7.85	0.00	7.85	25.70	3.39	0.00	3.39
23.15	7.82	0.00	7.82	25.75	3.38	0.00	3.38
23.20	7.80	0.00	7.80	25.80	3.38	0.00	3.38
23.25	7.77	0.00	7.77	25.85	3.37	0.00	3.37
23.30	7.74	0.00	7.74	25.90	3.37	0.00	3.37
23.35	7.71	0.00	7.71	25.95	3.36	0.00	3.36

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

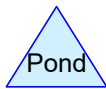
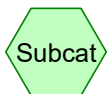
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	3.36	0.00	3.36	28.60	3.08	0.00	3.08
26.05	3.35	0.00	3.35	28.65	3.08	0.00	3.08
26.10	3.35	0.00	3.35	28.70	3.07	0.00	3.07
26.15	3.34	0.00	3.34	28.75	3.07	0.00	3.07
26.20	3.34	0.00	3.34	28.80	3.06	0.00	3.06
26.25	3.33	0.00	3.33	28.85	3.06	0.00	3.06
26.30	3.33	0.00	3.33	28.90	3.05	0.00	3.05
26.35	3.32	0.00	3.32	28.95	3.05	0.00	3.05
26.40	3.32	0.00	3.32	29.00	3.04	0.00	3.04
26.45	3.31	0.00	3.31	29.05	3.04	0.00	3.04
26.50	3.31	0.00	3.31	29.10	3.03	0.00	3.03
26.55	3.30	0.00	3.30	29.15	3.03	0.00	3.03
26.60	3.30	0.00	3.30	29.20	3.02	0.00	3.02
26.65	3.29	0.00	3.29	29.25	3.01	0.00	3.01
26.70	3.29	0.00	3.29	29.30	3.01	0.00	3.01
26.75	3.28	0.00	3.28	29.35	3.00	0.00	3.00
26.80	3.27	0.00	3.27	29.40	3.00	0.00	3.00
26.85	3.27	0.00	3.27	29.45	2.99	0.00	2.99
26.90	3.26	0.00	3.26	29.50	2.99	0.00	2.99
26.95	3.26	0.00	3.26	29.55	2.98	0.00	2.98
27.00	3.25	0.00	3.25	29.60	2.98	0.00	2.98
27.05	3.25	0.00	3.25	29.65	2.97	0.00	2.97
27.10	3.24	0.00	3.24	29.70	2.97	0.00	2.97
27.15	3.24	0.00	3.24	29.75	2.96	0.00	2.96
27.20	3.23	0.00	3.23	29.80	2.96	0.00	2.96
27.25	3.23	0.00	3.23	29.85	2.95	0.00	2.95
27.30	3.22	0.00	3.22	29.90	2.94	0.00	2.94
27.35	3.22	0.00	3.22	29.95	2.94	0.00	2.94
27.40	3.21	0.00	3.21	30.00	2.93	0.00	2.93
27.45	3.21	0.00	3.21	30.05	2.93	0.00	2.93
27.50	3.20	0.00	3.20	30.10	2.92	0.00	2.92
27.55	3.20	0.00	3.20	30.15	2.92	0.00	2.92
27.60	3.19	0.00	3.19	30.20	2.91	0.00	2.91
27.65	3.19	0.00	3.19	30.25	2.91	0.00	2.91
27.70	3.18	0.00	3.18	30.30	2.90	0.00	2.90
27.75	3.18	0.00	3.18	30.35	2.90	0.00	2.90
27.80	3.17	0.00	3.17	30.40	2.89	0.00	2.89
27.85	3.16	0.00	3.16	30.45	2.88	0.00	2.88
27.90	3.16	0.00	3.16	30.50	2.88	0.00	2.88
27.95	3.15	0.00	3.15	30.55	2.87	0.00	2.87
28.00	3.15	0.00	3.15	30.60	2.87	0.00	2.87
28.05	3.14	0.00	3.14	30.65	2.86	0.00	2.86
28.10	3.14	0.00	3.14	30.70	2.86	0.00	2.86
28.15	3.13	0.00	3.13	30.75	2.85	0.00	2.85
28.20	3.13	0.00	3.13	30.80	2.85	0.00	2.85
28.25	3.12	0.00	3.12	30.85	2.84	0.00	2.84
28.30	3.12	0.00	3.12	30.90	2.83	0.00	2.83
28.35	3.11	0.00	3.11	30.95	2.83	0.00	2.83
28.40	3.11	0.00	3.11	31.00	2.82	0.00	2.82
28.45	3.10	0.00	3.10	31.05	2.82	0.00	2.82
28.50	3.10	0.00	3.10	31.10	2.81	0.00	2.81
28.55	3.09	0.00	3.09	31.15	2.81	0.00	2.81

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	2.80	0.00	2.80	33.80	2.52	0.00	2.52
31.25	2.80	0.00	2.80	33.85	2.51	0.00	2.51
31.30	2.79	0.00	2.79	33.90	2.51	0.00	2.51
31.35	2.79	0.00	2.79	33.95	2.50	0.00	2.50
31.40	2.78	0.00	2.78	34.00	2.50	0.00	2.50
31.45	2.77	0.00	2.77	34.05	2.49	0.00	2.49
31.50	2.77	0.00	2.77	34.10	2.49	0.00	2.49
31.55	2.76	0.00	2.76	34.15	2.48	0.00	2.48
31.60	2.76	0.00	2.76	34.20	2.48	0.00	2.48
31.65	2.75	0.00	2.75	34.25	2.47	0.00	2.47
31.70	2.75	0.00	2.75	34.30	2.47	0.00	2.47
31.75	2.74	0.00	2.74	34.35	2.46	0.00	2.46
31.80	2.74	0.00	2.74	34.40	2.46	0.00	2.46
31.85	2.73	0.00	2.73	34.45	2.45	0.00	2.45
31.90	2.73	0.00	2.73	34.50	2.44	0.00	2.44
31.95	2.72	0.00	2.72	34.55	2.44	0.00	2.44
32.00	2.71	0.00	2.71	34.60	2.43	0.00	2.43
32.05	2.71	0.00	2.71	34.65	2.43	0.00	2.43
32.10	2.70	0.00	2.70	34.70	2.42	0.00	2.42
32.15	2.70	0.00	2.70	34.75	2.42	0.00	2.42
32.20	2.69	0.00	2.69	34.80	2.41	0.00	2.41
32.25	2.69	0.00	2.69	34.85	2.41	0.00	2.41
32.30	2.68	0.00	2.68	34.90	2.40	0.00	2.40
32.35	2.68	0.00	2.68	34.95	2.40	0.00	2.40
32.40	2.67	0.00	2.67	35.00	2.39	0.00	2.39
32.45	2.67	0.00	2.67	35.05	2.39	0.00	2.39
32.50	2.66	0.00	2.66	35.10	2.38	0.00	2.38
32.55	2.65	0.00	2.65	35.15	2.37	0.00	2.37
32.60	2.65	0.00	2.65	35.20	2.37	0.00	2.37
32.65	2.64	0.00	2.64	35.25	2.36	0.00	2.36
32.70	2.64	0.00	2.64	35.30	2.36	0.00	2.36
32.75	2.63	0.00	2.63	35.35	2.35	0.00	2.35
32.80	2.63	0.00	2.63	35.40	2.35	0.00	2.35
32.85	2.62	0.00	2.62	35.45	2.34	0.00	2.34
32.90	2.62	0.00	2.62	35.50	2.34	0.00	2.34
32.95	2.61	0.00	2.61	35.55	2.33	0.00	2.33
33.00	2.61	0.00	2.61	35.60	2.33	0.00	2.33
33.05	2.60	0.00	2.60	35.65	2.32	0.00	2.32
33.10	2.60	0.00	2.60	35.70	2.32	0.00	2.32
33.15	2.59	0.00	2.59	35.75	2.31	0.00	2.31
33.20	2.58	0.00	2.58	35.80	2.31	0.00	2.31
33.25	2.58	0.00	2.58	35.85	2.30	0.00	2.30
33.30	2.57	0.00	2.57	35.90	2.29	0.00	2.29
33.35	2.57	0.00	2.57	35.95	2.29	0.00	2.29
33.40	2.56	0.00	2.56	36.00	2.28	0.00	2.28
33.45	2.56	0.00	2.56	36.05	2.28	0.00	2.28
33.50	2.55	0.00	2.55	36.10	2.27	0.00	2.27
33.55	2.55	0.00	2.55	36.15	2.27	0.00	2.27
33.60	2.54	0.00	2.54	36.20	2.26	0.00	2.26
33.65	2.54	0.00	2.54	36.25	2.26	0.00	2.26
33.70	2.53	0.00	2.53	36.30	2.25	0.00	2.25
33.75	2.52	0.00	2.52	36.35	2.24	0.00	2.24

Hydrograph for Link PDA-1ON: PDA-1 (onsite) (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	2.24	0.00	2.24	39.00	1.98	0.00	1.98
36.45	2.23	0.00	2.23	39.05	1.97	0.00	1.97
36.50	2.23	0.00	2.23	39.10	1.97	0.00	1.97
36.55	2.22	0.00	2.22	39.15	1.96	0.00	1.96
36.60	2.22	0.00	2.22	39.20	1.96	0.00	1.96
36.65	2.21	0.00	2.21	39.25	1.95	0.00	1.95
36.70	2.21	0.00	2.21	39.30	1.95	0.00	1.95
36.75	2.20	0.00	2.20	39.35	1.95	0.00	1.95
36.80	2.20	0.00	2.20	39.40	1.94	0.00	1.94
36.85	2.19	0.00	2.19	39.45	1.94	0.00	1.94
36.90	2.19	0.00	2.19	39.50	1.93	0.00	1.93
36.95	2.18	0.00	2.18	39.55	1.93	0.00	1.93
37.00	2.17	0.00	2.17	39.60	1.92	0.00	1.92
37.05	2.17	0.00	2.17	39.65	1.92	0.00	1.92
37.10	2.16	0.00	2.16	39.70	1.91	0.00	1.91
37.15	2.16	0.00	2.16	39.75	1.91	0.00	1.91
37.20	2.15	0.00	2.15	39.80	1.90	0.00	1.90
37.25	2.15	0.00	2.15	39.85	1.90	0.00	1.90
37.30	2.14	0.00	2.14	39.90	1.89	0.00	1.89
37.35	2.14	0.00	2.14	39.95	1.89	0.00	1.89
37.40	2.13	0.00	2.13	40.00	1.89	0.00	1.89
37.45	2.13	0.00	2.13				
37.50	2.12	0.00	2.12				
37.55	2.12	0.00	2.12				
37.60	2.11	0.00	2.11				
37.65	2.11	0.00	2.11				
37.70	2.10	0.00	2.10				
37.75	2.10	0.00	2.10				
37.80	2.09	0.00	2.09				
37.85	2.09	0.00	2.09				
37.90	2.08	0.00	2.08				
37.95	2.08	0.00	2.08				
38.00	2.07	0.00	2.07				
38.05	2.07	0.00	2.07				
38.10	2.06	0.00	2.06				
38.15	2.06	0.00	2.06				
38.20	2.05	0.00	2.05				
38.25	2.05	0.00	2.05				
38.30	2.04	0.00	2.04				
38.35	2.04	0.00	2.04				
38.40	2.03	0.00	2.03				
38.45	2.03	0.00	2.03				
38.50	2.02	0.00	2.02				
38.55	2.02	0.00	2.02				
38.60	2.01	0.00	2.01				
38.65	2.01	0.00	2.01				
38.70	2.01	0.00	2.01				
38.75	2.00	0.00	2.00				
38.80	2.00	0.00	2.00				
38.85	1.99	0.00	1.99				
38.90	1.99	0.00	1.99				
38.95	1.98	0.00	1.98				



Routing Diagram for 2025-07-14 Proposed- 081391_2
 Prepared by Bowman Consulting Group, Printed 8/17/2025
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2025-07-14 Proposed- 081391_2

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Printed 8/17/2025

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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
1.037	86	<50% Grass cover, Poor, HSG C (27P)
23.768	74	>75% Grass cover, Good, HSG C (18P, 19P, 20P, 21P, 22P, 23P, 24P, 25P, 26P, 28P, UPDA-2)
0.326	98	Concrete, HSC C (20I, 21I, 22I, 24I, 25I, 27I, 28I)
0.118	98	Concrete, HSG C (19I, 23I)
3.150	98	Pavement, HSG C (19I, 20I, 21I, 22I, 23I, 24I, 25I, 27I, 28I)
5.535	98	Roof, HSG C (18I, 19I, 20I, 21I, 22I, 24I, 25I, 26I, 27I, 28I)
33.934	81	TOTAL AREA

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

Runoff = 1.16 cfs @ 1.15 hrs, Volume= 0.039 af, Depth= 1.03"
 Routed to Pond B-18 : Basin #18

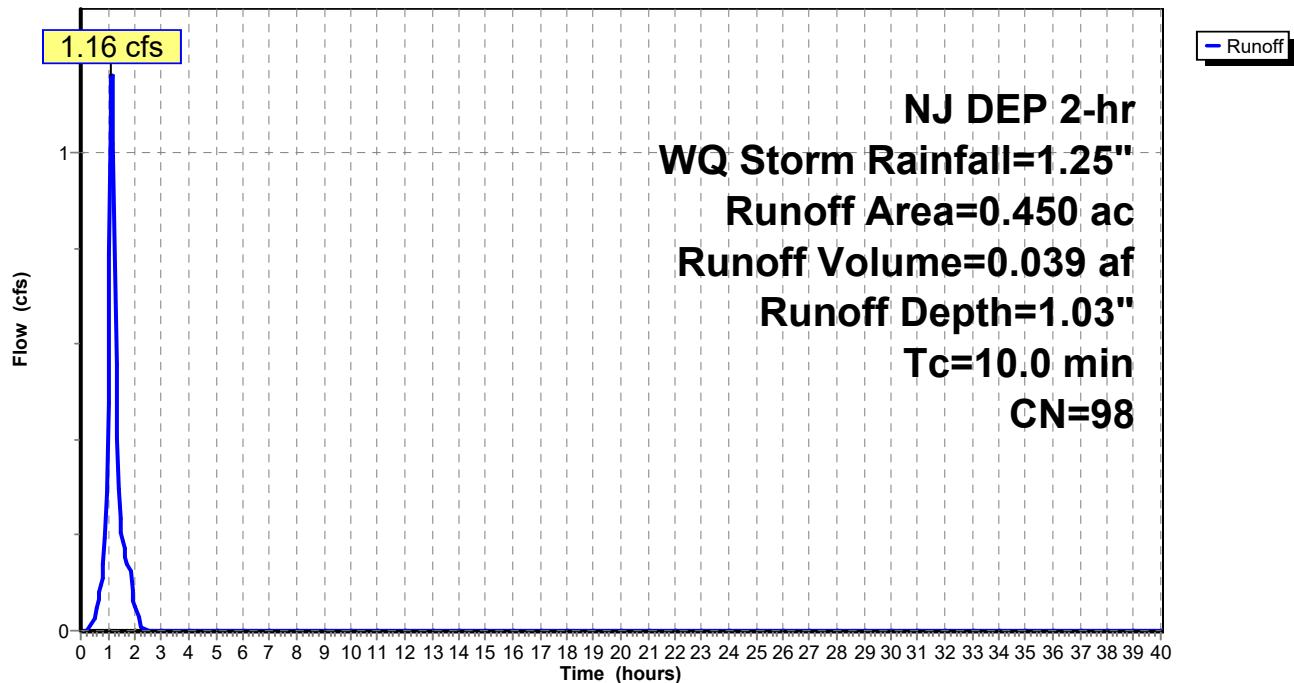
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.02	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.03	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.05	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.06	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.08	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.09	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.11	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.14	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.19	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.29	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.48	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.79	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.06	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.16	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.02	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.77	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.55	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.40	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.30	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.23	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.20	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.19	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.17	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.15	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.14	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.14	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.13	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.11	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.08	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.06	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.05	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.05	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.04	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.02	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.13 cfs @ 1.27 hrs, Volume= 0.006 af, Depth= 0.07"
 Routed to Pond B-18 : Basin #18

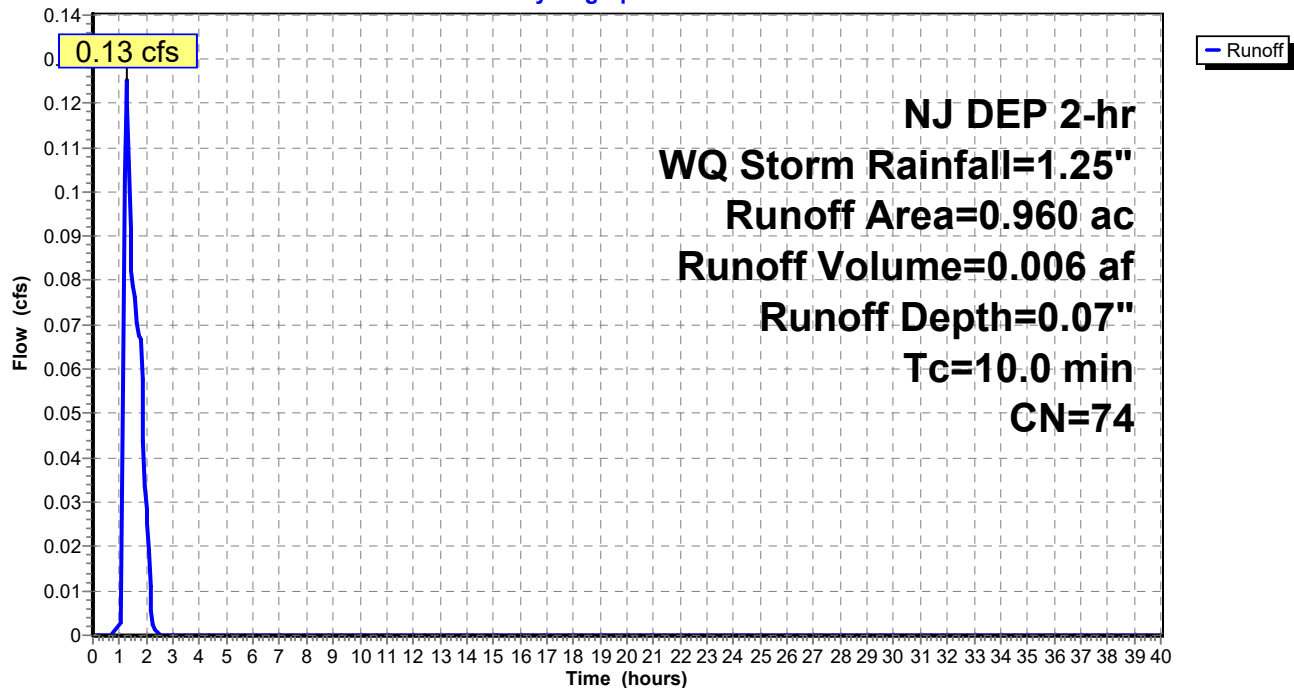
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.10	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.12	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.12	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.11	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.09	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.08	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.08	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.08	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.07	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.07	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.07	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.07	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.07	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.06	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 1.54 cfs @ 1.15 hrs, Volume= 0.051 af, Depth= 1.03"
 Routed to Pond B-19 : Basin #19

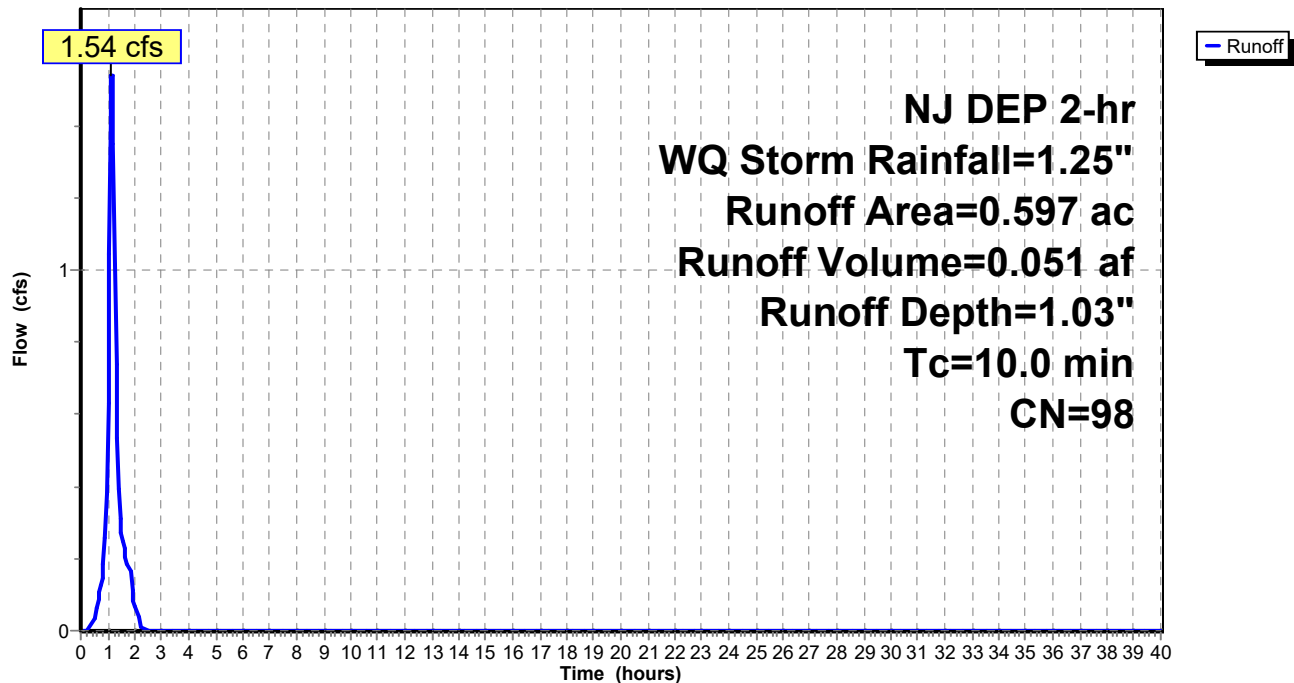
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.04	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.06	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.09	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.11	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.13	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.15	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.18	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.26	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.38	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.63	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.04	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.41	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.54	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.35	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.02	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.74	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.53	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.39	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.31	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.27	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.25	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.23	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.20	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.19	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.18	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.18	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.15	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.11	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.08	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.07	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.06	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.05	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.03	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.15 cfs @ 1.27 hrs, Volume= 0.007 af, Depth= 0.07"
 Routed to Pond B-19 : Basin #19

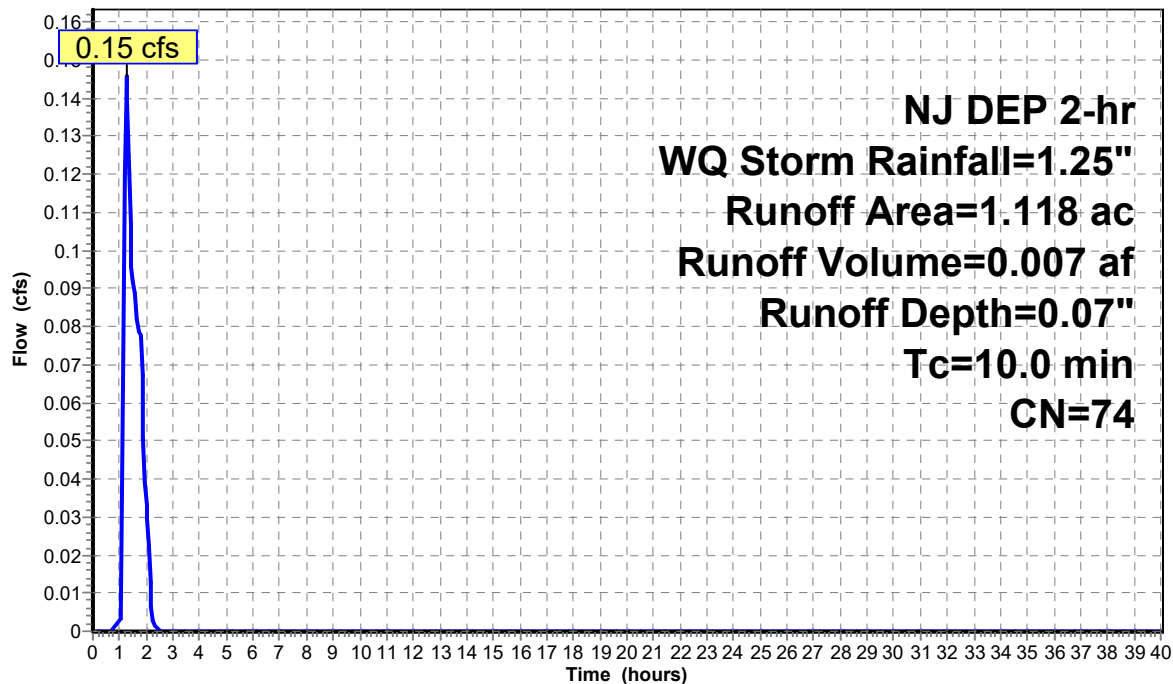
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.12	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.14	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.14	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.12	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.11	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.10	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.09	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.09	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.09	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.08	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.08	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.08	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.08	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.07	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.05	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.04	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.91 cfs @ 1.15 hrs, Volume= 0.097 af, Depth= 1.03"
 Routed to Pond B-20 : Basin #20

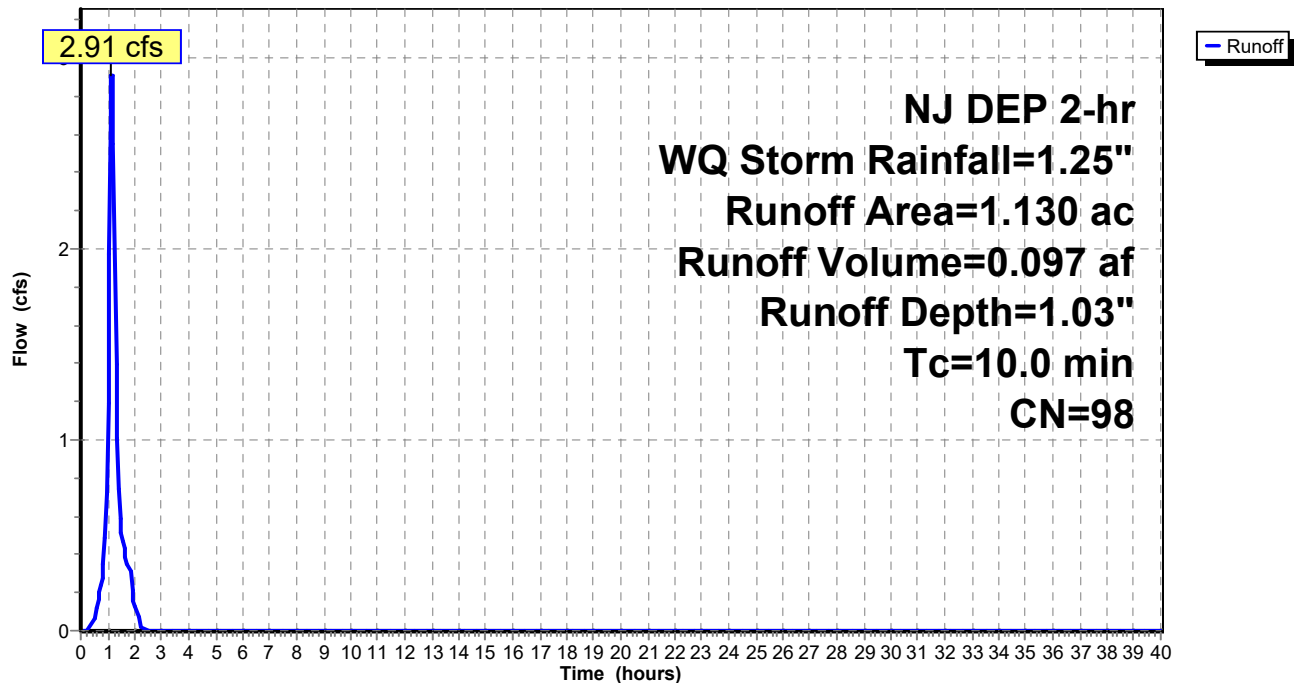
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.01	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.05	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.08	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.12	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.16	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.20	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.24	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.27	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.35	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.49	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.72	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.19	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.97	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.66	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.91	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.55	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.92	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.39	3.90	1.25	1.03	0.00
1.35	1.09	0.88	1.01	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.74	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.59	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.51	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.47	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.43	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.39	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.36	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.35	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.33	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.28	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.21	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.16	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.13	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.12	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.09	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.05	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.01	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.17 cfs @ 1.27 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-20 : Basin #20

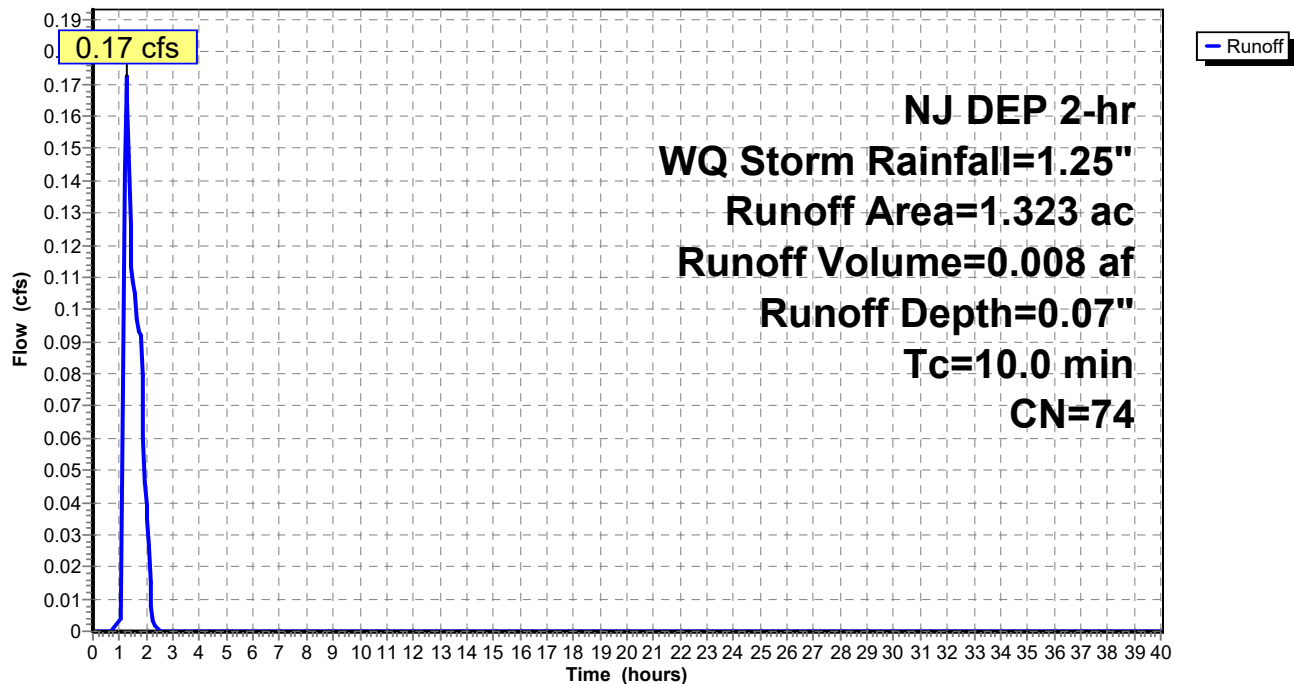
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.14	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.17	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.17	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.11	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.10	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.09	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.09	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.09	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.28 cfs @ 1.15 hrs, Volume= 0.076 af, Depth= 1.03"
Routed to Pond B-21 : Basin #21

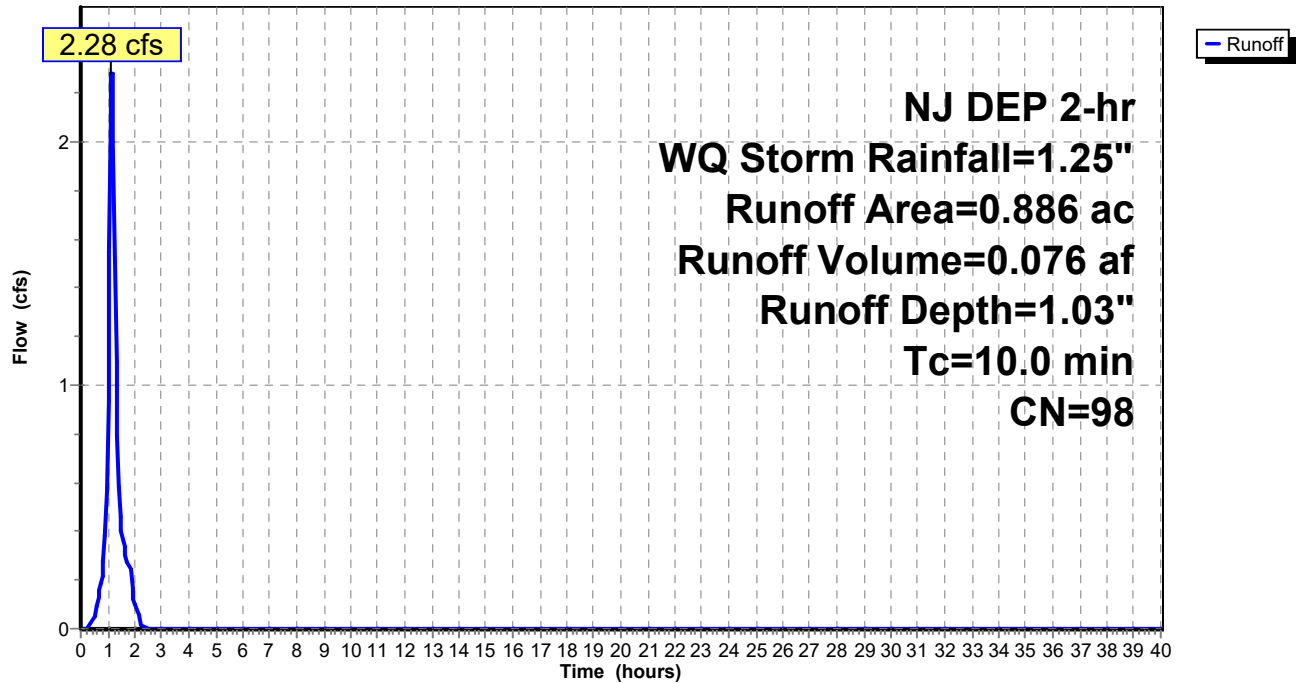
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.22	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.27	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.38	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.56	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.94	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.55	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.09	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.28	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.00	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.51	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.09	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.79	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.58	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.46	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.40	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.37	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.30	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.28	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.22	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.21 cfs @ 1.27 hrs, Volume= 0.010 af, Depth= 0.07"
 Routed to Pond B-21 : Basin #21

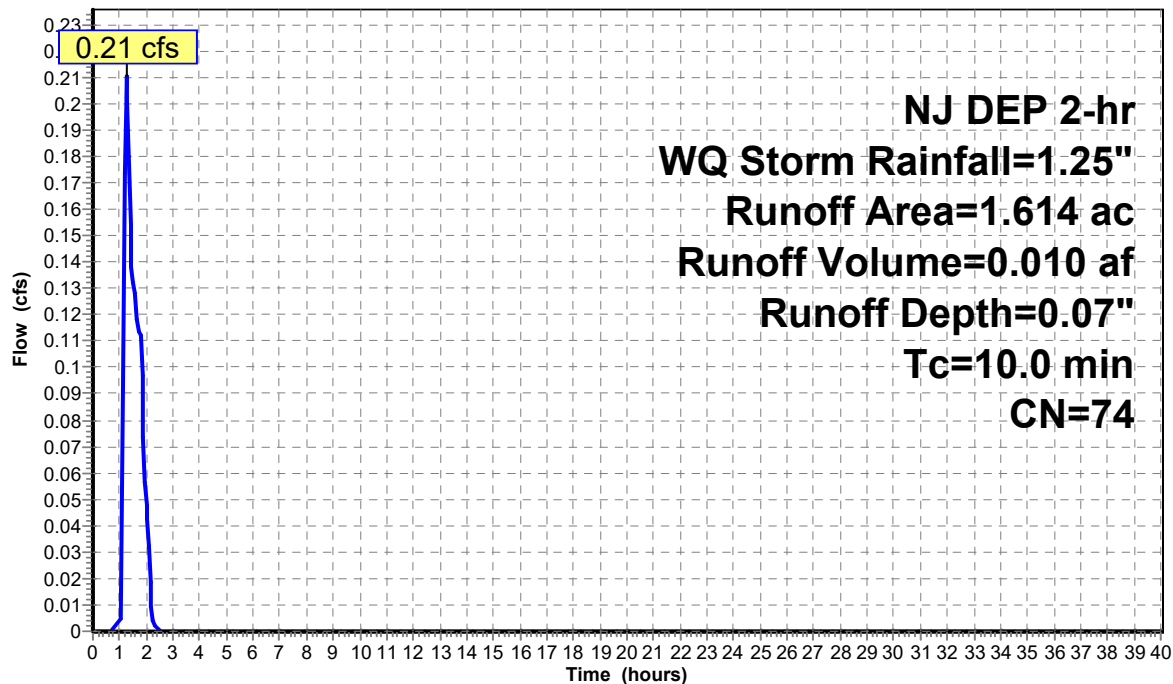
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.09	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.17	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.20	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.18	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.15	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.14	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.13	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.13	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.12	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.11	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.10	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.06	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.09 cfs @ 1.15 hrs, Volume= 0.070 af, Depth= 1.03"
 Routed to Pond B-22 : Basin #22

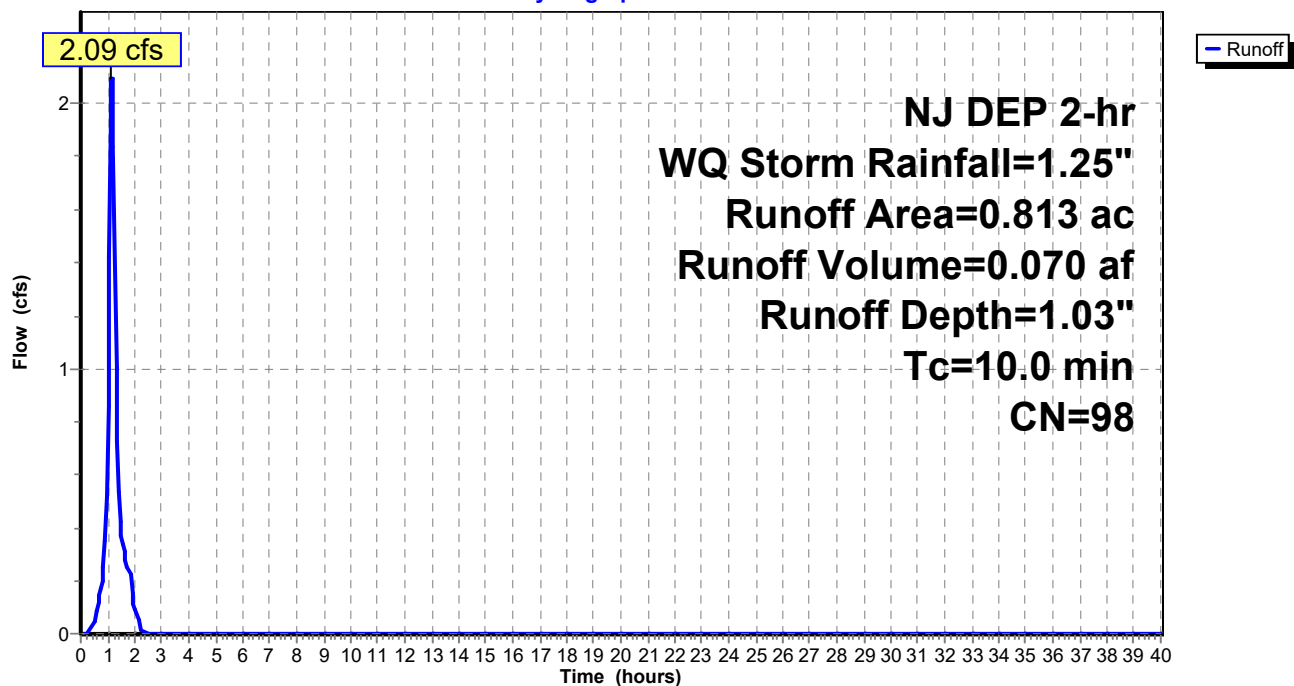
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.08	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.12	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.15	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.17	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.20	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.25	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.35	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.52	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.86	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.42	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.91	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.09	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.83	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.38	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.00	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.73	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.54	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.42	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.37	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.34	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.31	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.28	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.26	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.25	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.24	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.20	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.15	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.12	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.10	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.21 cfs @ 1.27 hrs, Volume= 0.010 af, Depth= 0.07"
 Routed to Pond B-22 : Basin #22

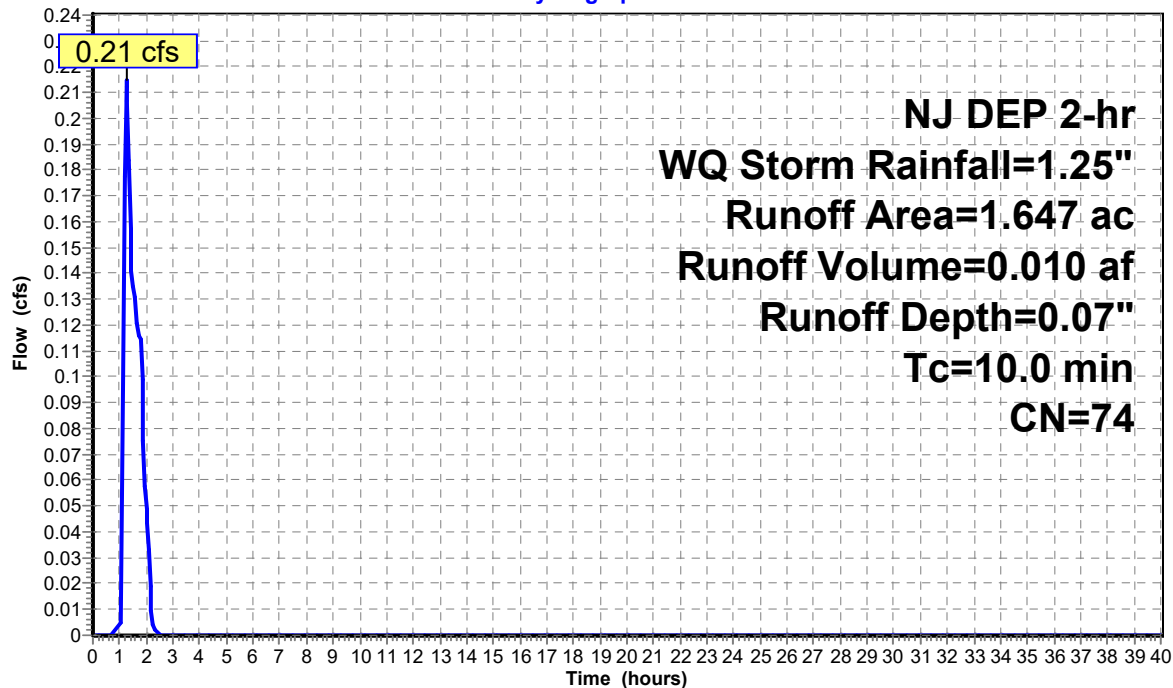
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.10	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.18	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.21	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.18	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.16	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.14	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.13	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.13	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.12	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.12	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.12	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.11	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.10	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.08	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.06	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.12 cfs @ 1.15 hrs, Volume= 0.071 af, Depth= 1.03"
Routed to Pond B-23 : Basin #23

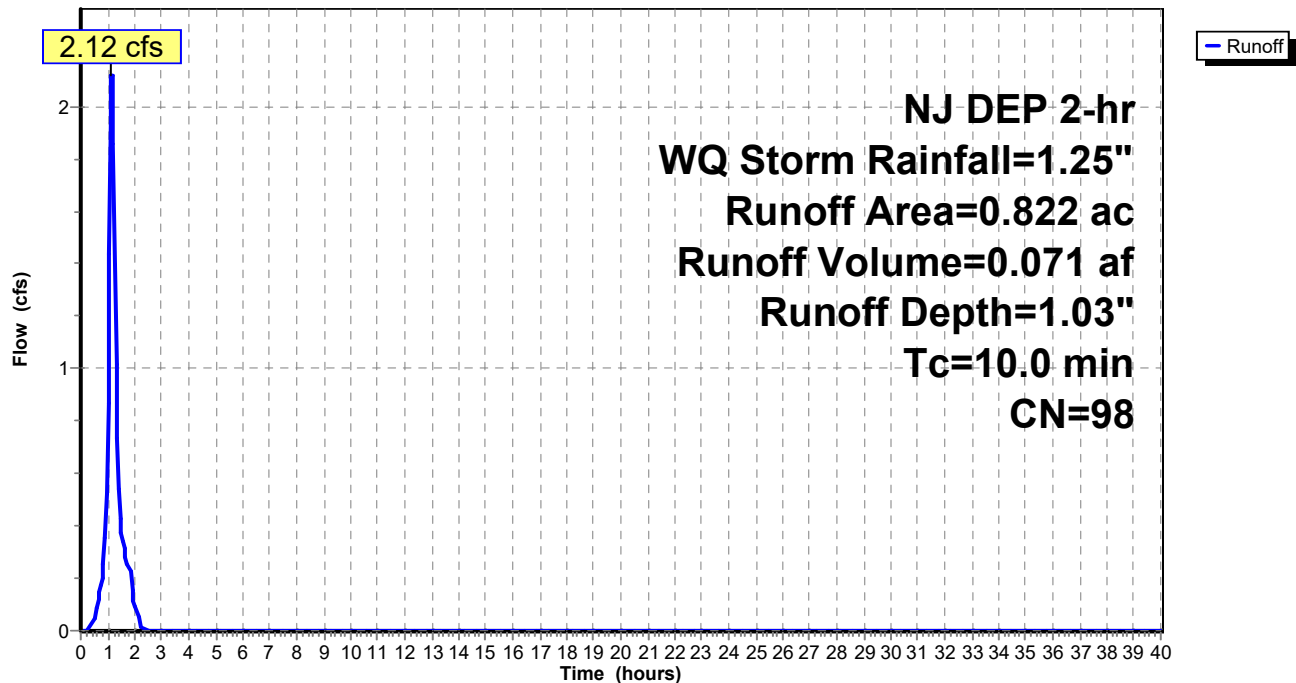
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.12	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.15	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.17	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.20	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.25	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.35	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.52	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.87	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.43	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.94	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.12	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.86	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.40	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.01	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.73	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.54	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.43	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.37	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.34	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.31	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.28	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.26	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.25	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.24	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.21	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.16	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.12	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.10	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.21 cfs @ 1.27 hrs, Volume= 0.010 af, Depth= 0.07"
 Routed to Pond B-23 : Basin #23

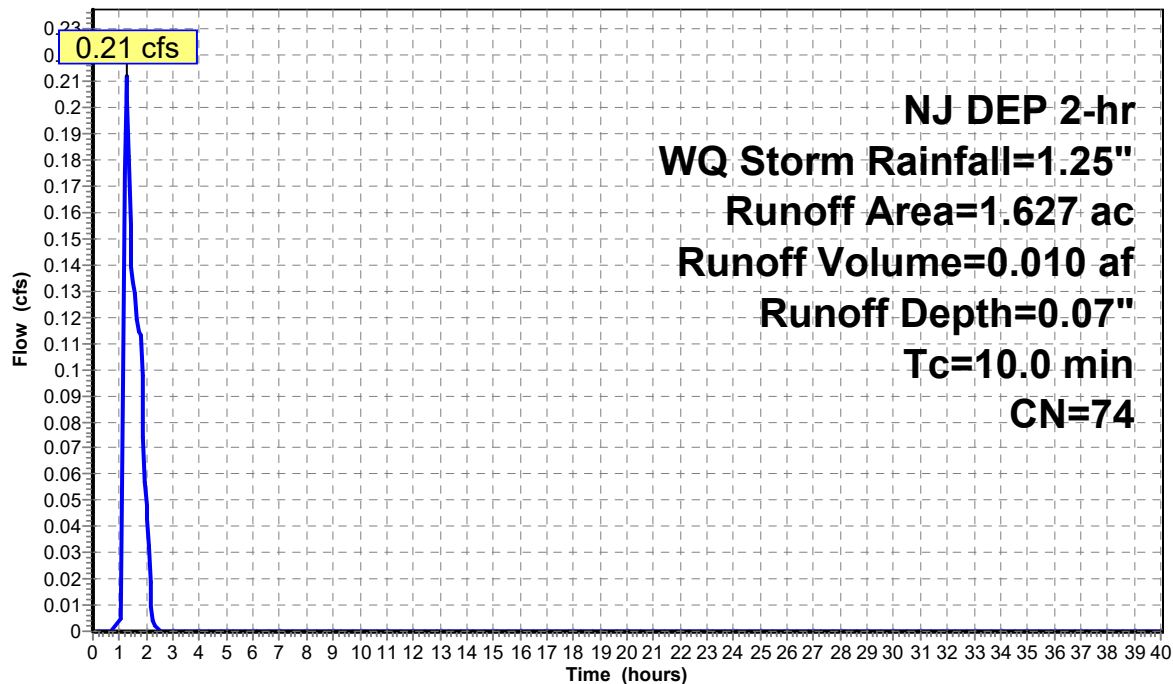
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.09	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.18	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.20	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.18	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.16	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.14	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.13	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.13	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.12	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.11	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.10	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.06	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.32 cfs @ 1.15 hrs, Volume= 0.078 af, Depth= 1.03"
Routed to Pond B-24 : Basin #24

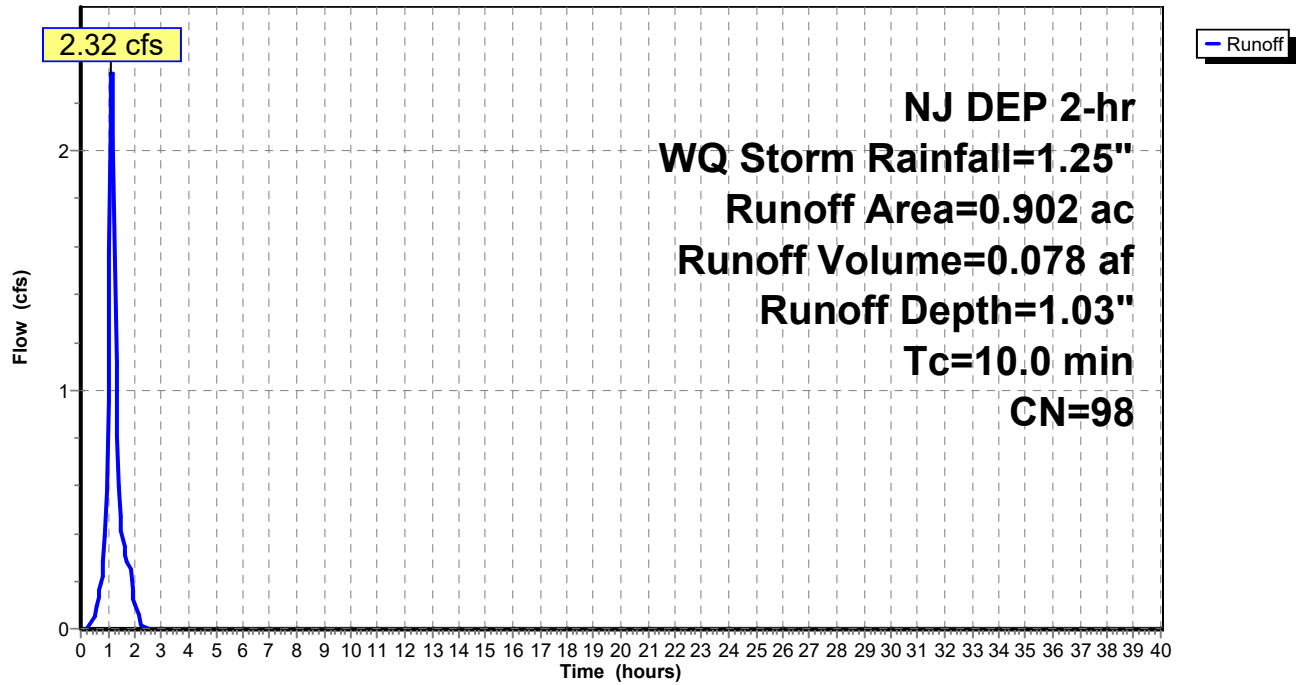
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.22	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.28	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.39	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.57	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.95	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.57	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.12	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.32	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.04	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.54	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.11	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.81	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.59	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.47	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.41	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.37	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.31	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.29	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.28	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.23	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 0.20 cfs @ 1.27 hrs, Volume= 0.009 af, Depth= 0.07"
Routed to Pond B-24 : Basin #24

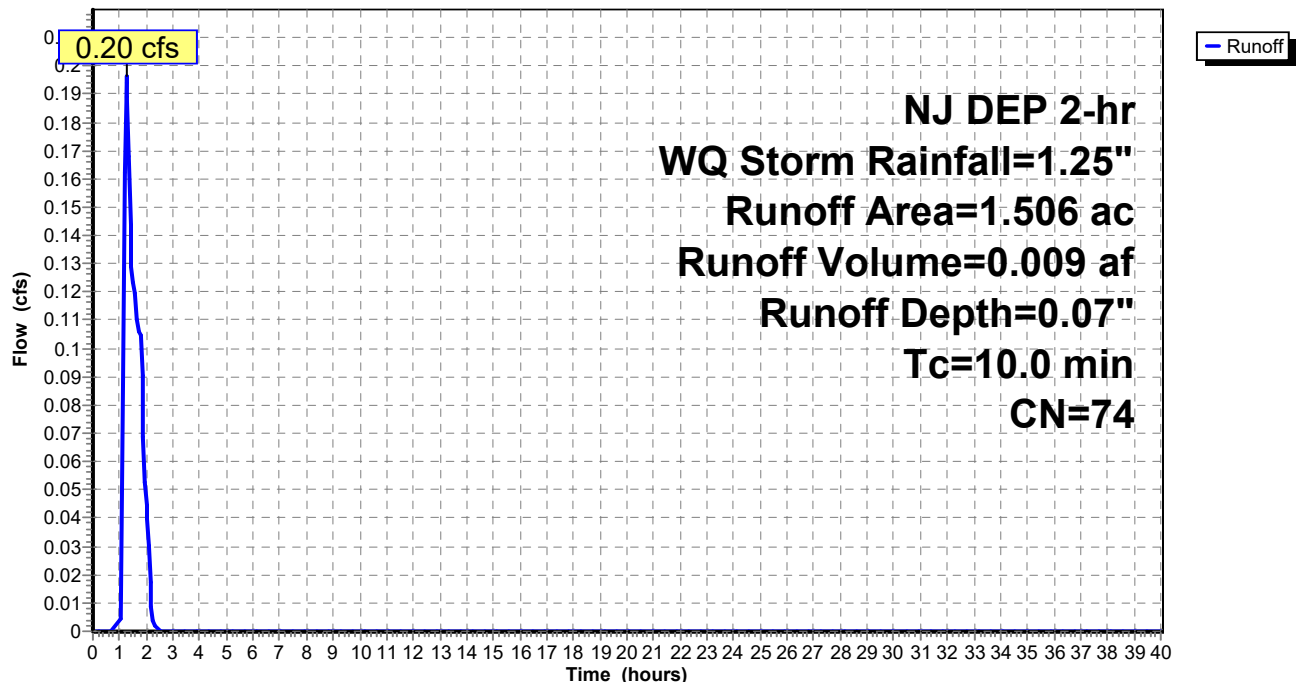
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.09	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.16	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.19	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.19	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.17	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.14	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.13	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.12	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.12	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.12	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.11	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.09	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 2.25 cfs @ 1.15 hrs, Volume= 0.075 af, Depth= 1.03"
 Routed to Pond B-25 : Basin #25

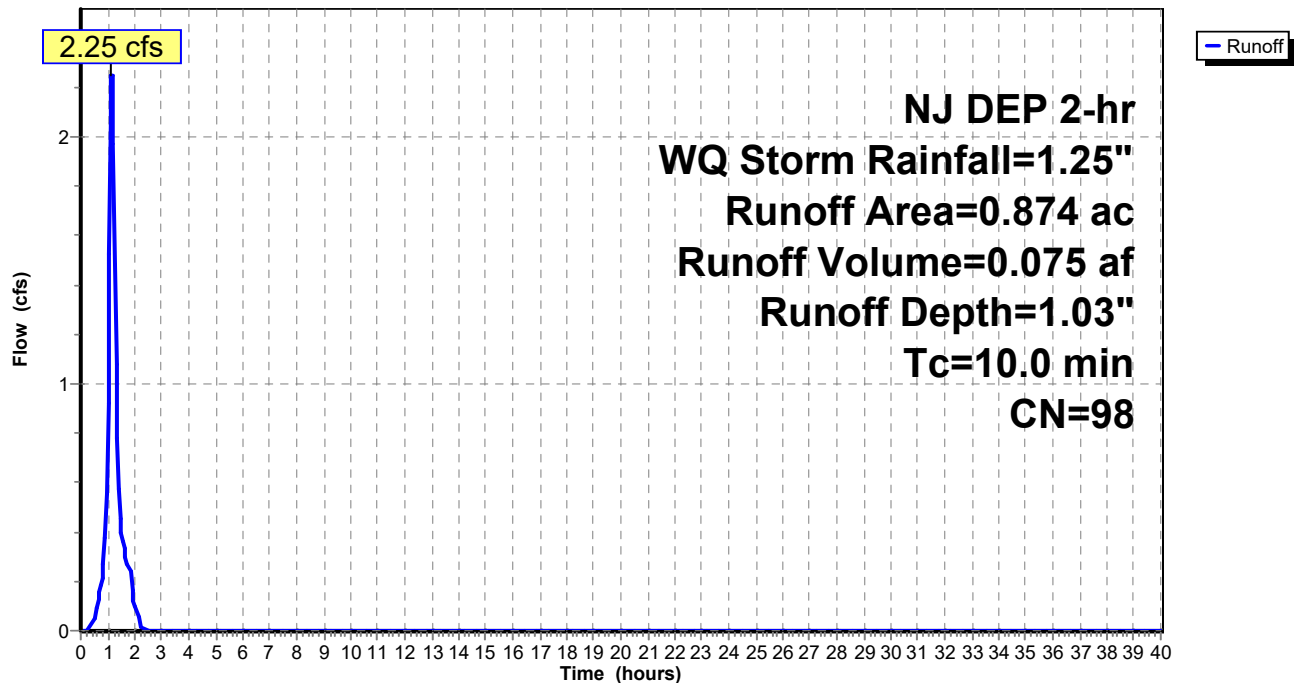
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.18	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.21	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.27	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.38	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.55	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.92	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.53	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.06	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.25	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.97	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.49	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.08	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.78	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.58	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.46	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.40	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.36	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.33	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.30	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.28	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.22	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.12	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.10	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 0.21 cfs @ 1.27 hrs, Volume= 0.010 af, Depth= 0.07"
 Routed to Pond B-25 : Basin #25

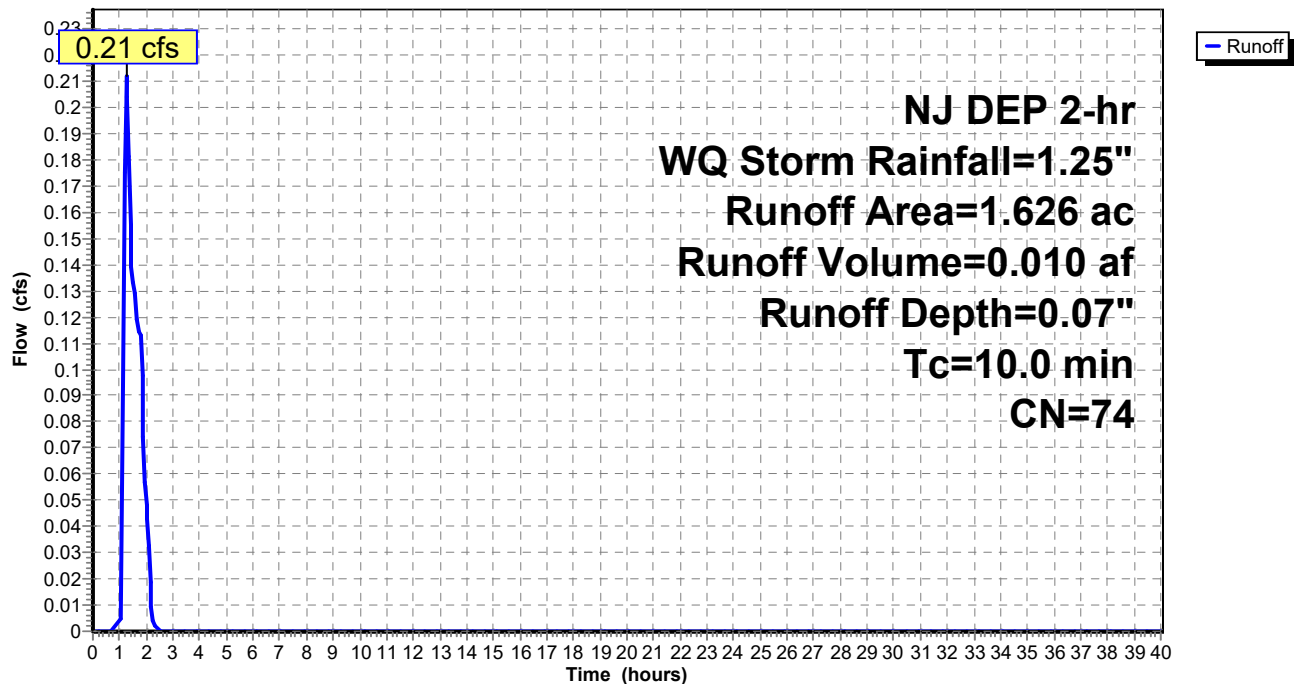
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.09	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.18	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.20	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.18	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.16	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.14	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.13	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.13	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.12	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.11	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.10	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.06	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 2.43 cfs @ 1.15 hrs, Volume= 0.081 af, Depth= 1.03"
 Routed to Pond B-26 : Basin #26

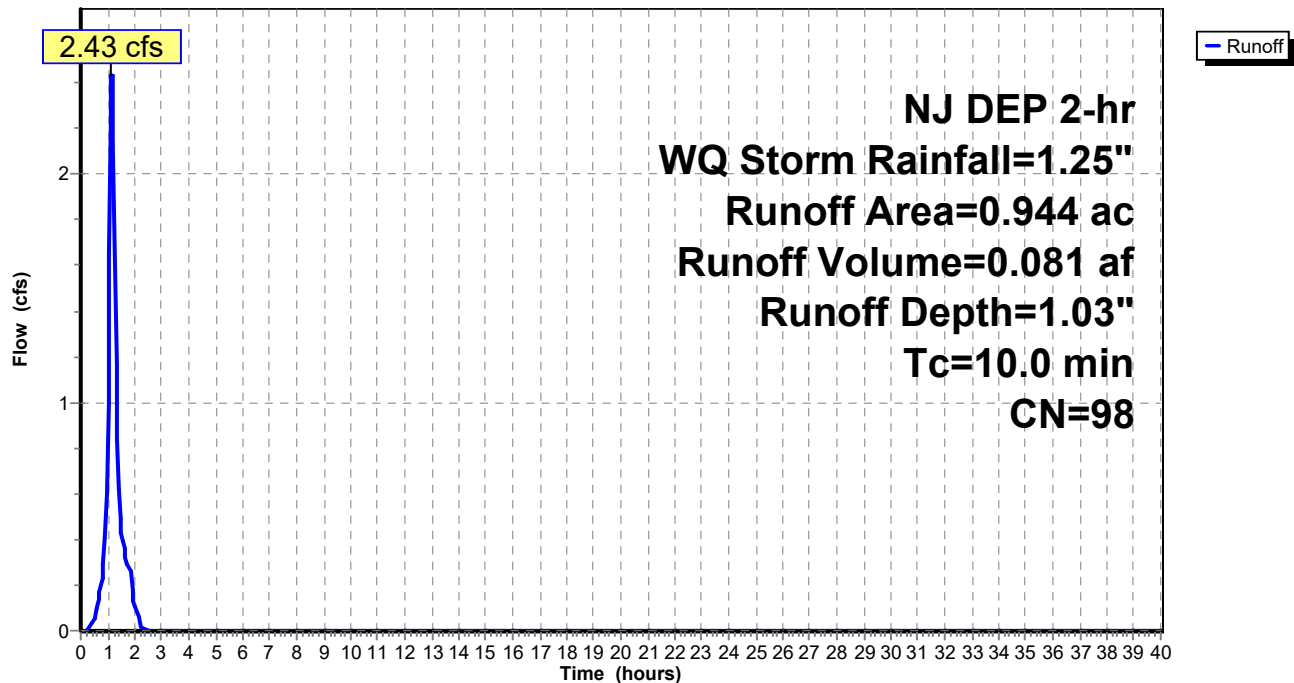
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.07	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.10	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.14	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.17	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.20	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.23	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.29	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.41	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.60	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.00	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.65	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.22	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.43	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.13	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.61	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.16	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.84	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.62	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.49	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.43	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.39	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.36	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.32	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.30	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.29	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.28	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.24	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.18	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.10	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.08	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 0.19 cfs @ 1.27 hrs, Volume= 0.009 af, Depth= 0.07"
 Routed to Pond B-26 : Basin #26

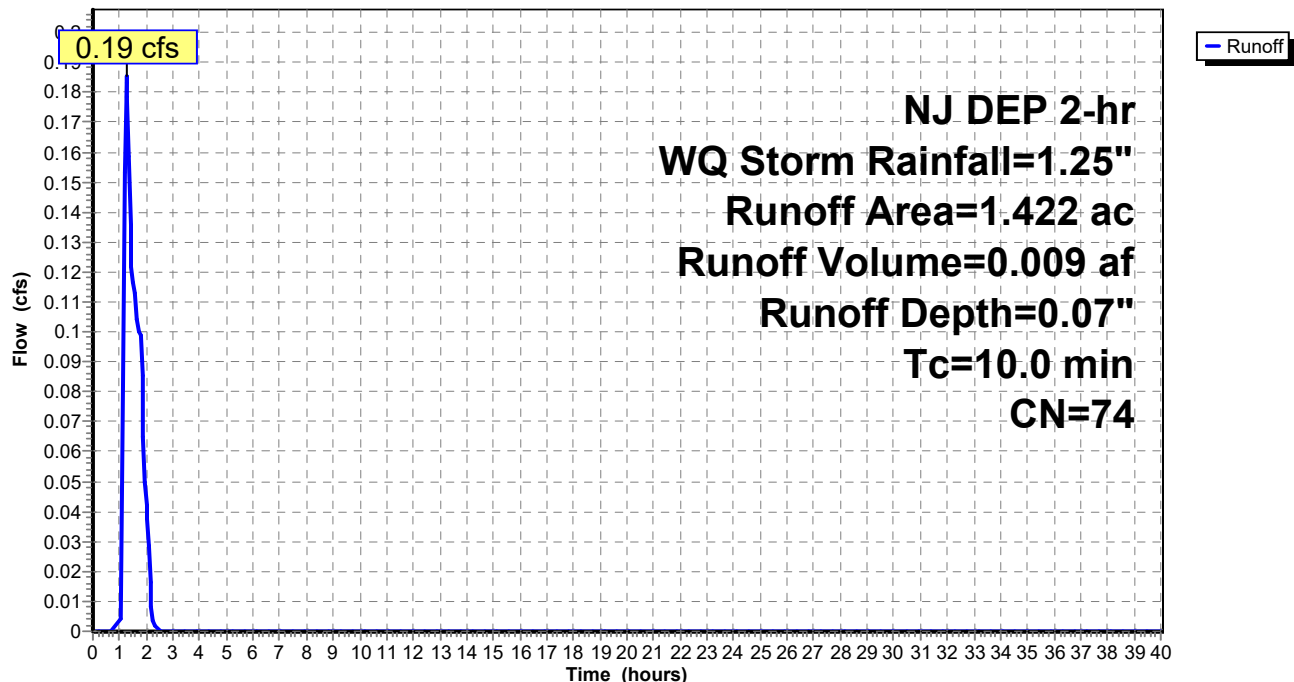
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.18	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.18	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.16	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.14	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.12	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.12	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.11	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.10	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.10	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.09	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 2.31 cfs @ 1.15 hrs, Volume= 0.077 af, Depth= 1.03"
 Routed to Pond B-27 : Basin #27

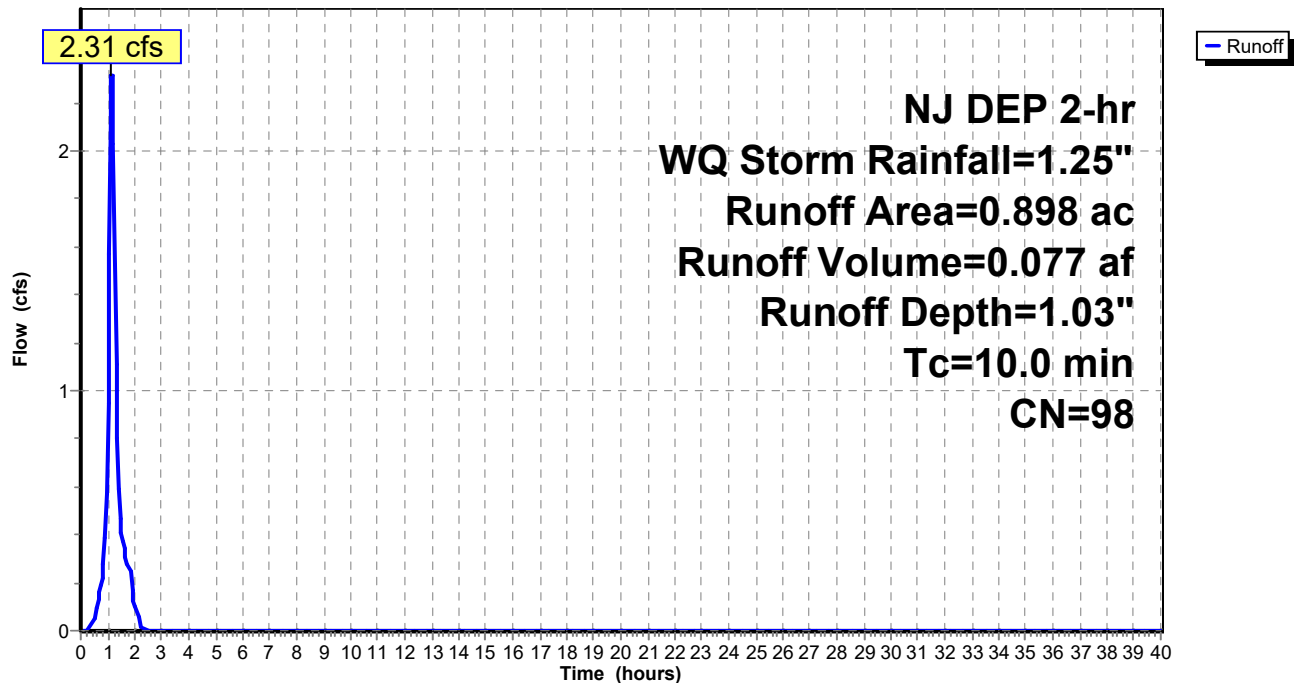
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.22	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.28	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.39	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.57	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.95	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.57	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.11	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.31	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.03	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.53	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.11	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.80	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.59	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.47	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.41	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.37	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.31	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.29	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.23	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 0.87 cfs @ 1.18 hrs, Volume= 0.029 af, Depth= 0.33"
 Routed to Pond B-27 : Basin #27

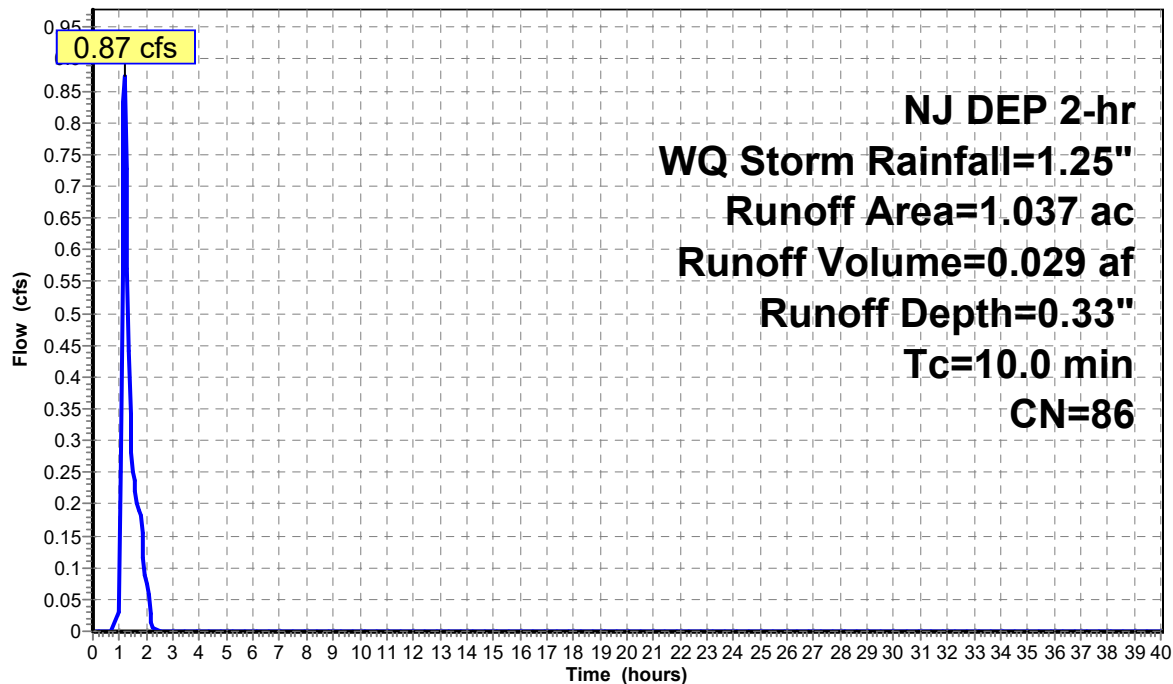
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.33	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.33	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.33	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.33	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.33	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.33	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.33	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.33	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.33	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.33	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.33	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.33	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.33	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.33	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.33	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.33	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.33	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.33	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.33	0.00
0.95	0.46	0.01	0.00	3.55	1.25	0.33	0.00
1.00	0.63	0.05	0.06	3.60	1.25	0.33	0.00
1.05	0.79	0.10	0.25	3.65	1.25	0.33	0.00
1.10	0.91	0.16	0.56	3.70	1.25	0.33	0.00
1.15	0.97	0.18	0.83	3.75	1.25	0.33	0.00
1.20	1.02	0.21	0.87	3.80	1.25	0.33	0.00
1.25	1.05	0.22	0.73	3.85	1.25	0.33	0.00
1.30	1.07	0.23	0.57	3.90	1.25	0.33	0.00
1.35	1.09	0.24	0.44	3.95	1.25	0.33	0.00
1.40	1.11	0.26	0.34	4.00	1.25	0.33	0.00
1.45	1.13	0.27	0.28	4.05	1.25	0.33	0.00
1.50	1.15	0.28	0.25	4.10	1.25	0.33	0.00
1.55	1.17	0.29	0.24	4.15	1.25	0.33	0.00
1.60	1.18	0.29	0.22	4.20	1.25	0.33	0.00
1.65	1.20	0.30	0.20	4.25	1.25	0.33	0.00
1.70	1.21	0.31	0.19	4.30	1.25	0.33	0.00
1.75	1.23	0.32	0.18	4.35	1.25	0.33	0.00
1.80	1.23	0.32	0.18	4.40	1.25	0.33	0.00
1.85	1.24	0.33	0.15	4.45	1.25	0.33	0.00
1.90	1.24	0.33	0.12	4.50	1.25	0.33	0.00
1.95	1.25	0.33	0.09	4.55	1.25	0.33	0.00
2.00	1.25	0.33	0.07	4.60	1.25	0.33	0.00
2.05	1.25	0.33	0.07	4.65	1.25	0.33	0.00
2.10	1.25	0.33	0.05	4.70	1.25	0.33	0.00
2.15	1.25	0.33	0.03	4.75	1.25	0.33	0.00
2.20	1.25	0.33	0.01	4.80	1.25	0.33	0.00
2.25	1.25	0.33	0.01	4.85	1.25	0.33	0.00
2.30	1.25	0.33	0.00	4.90	1.25	0.33	0.00
2.35	1.25	0.33	0.00	4.95	1.25	0.33	0.00
2.40	1.25	0.33	0.00	5.00	1.25	0.33	0.00
2.45	1.25	0.33	0.00	5.05	1.25	0.33	0.00
2.50	1.25	0.33	0.00	5.10	1.25	0.33	0.00
2.55	1.25	0.33	0.00	5.15	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.33	0.00	7.80	1.25	0.33	0.00
5.25	1.25	0.33	0.00	7.85	1.25	0.33	0.00
5.30	1.25	0.33	0.00	7.90	1.25	0.33	0.00
5.35	1.25	0.33	0.00	7.95	1.25	0.33	0.00
5.40	1.25	0.33	0.00	8.00	1.25	0.33	0.00
5.45	1.25	0.33	0.00	8.05	1.25	0.33	0.00
5.50	1.25	0.33	0.00	8.10	1.25	0.33	0.00
5.55	1.25	0.33	0.00	8.15	1.25	0.33	0.00
5.60	1.25	0.33	0.00	8.20	1.25	0.33	0.00
5.65	1.25	0.33	0.00	8.25	1.25	0.33	0.00
5.70	1.25	0.33	0.00	8.30	1.25	0.33	0.00
5.75	1.25	0.33	0.00	8.35	1.25	0.33	0.00
5.80	1.25	0.33	0.00	8.40	1.25	0.33	0.00
5.85	1.25	0.33	0.00	8.45	1.25	0.33	0.00
5.90	1.25	0.33	0.00	8.50	1.25	0.33	0.00
5.95	1.25	0.33	0.00	8.55	1.25	0.33	0.00
6.00	1.25	0.33	0.00	8.60	1.25	0.33	0.00
6.05	1.25	0.33	0.00	8.65	1.25	0.33	0.00
6.10	1.25	0.33	0.00	8.70	1.25	0.33	0.00
6.15	1.25	0.33	0.00	8.75	1.25	0.33	0.00
6.20	1.25	0.33	0.00	8.80	1.25	0.33	0.00
6.25	1.25	0.33	0.00	8.85	1.25	0.33	0.00
6.30	1.25	0.33	0.00	8.90	1.25	0.33	0.00
6.35	1.25	0.33	0.00	8.95	1.25	0.33	0.00
6.40	1.25	0.33	0.00	9.00	1.25	0.33	0.00
6.45	1.25	0.33	0.00	9.05	1.25	0.33	0.00
6.50	1.25	0.33	0.00	9.10	1.25	0.33	0.00
6.55	1.25	0.33	0.00	9.15	1.25	0.33	0.00
6.60	1.25	0.33	0.00	9.20	1.25	0.33	0.00
6.65	1.25	0.33	0.00	9.25	1.25	0.33	0.00
6.70	1.25	0.33	0.00	9.30	1.25	0.33	0.00
6.75	1.25	0.33	0.00	9.35	1.25	0.33	0.00
6.80	1.25	0.33	0.00	9.40	1.25	0.33	0.00
6.85	1.25	0.33	0.00	9.45	1.25	0.33	0.00
6.90	1.25	0.33	0.00	9.50	1.25	0.33	0.00
6.95	1.25	0.33	0.00	9.55	1.25	0.33	0.00
7.00	1.25	0.33	0.00	9.60	1.25	0.33	0.00
7.05	1.25	0.33	0.00	9.65	1.25	0.33	0.00
7.10	1.25	0.33	0.00	9.70	1.25	0.33	0.00
7.15	1.25	0.33	0.00	9.75	1.25	0.33	0.00
7.20	1.25	0.33	0.00	9.80	1.25	0.33	0.00
7.25	1.25	0.33	0.00	9.85	1.25	0.33	0.00
7.30	1.25	0.33	0.00	9.90	1.25	0.33	0.00
7.35	1.25	0.33	0.00	9.95	1.25	0.33	0.00
7.40	1.25	0.33	0.00	10.00	1.25	0.33	0.00
7.45	1.25	0.33	0.00	10.05	1.25	0.33	0.00
7.50	1.25	0.33	0.00	10.10	1.25	0.33	0.00
7.55	1.25	0.33	0.00	10.15	1.25	0.33	0.00
7.60	1.25	0.33	0.00	10.20	1.25	0.33	0.00
7.65	1.25	0.33	0.00	10.25	1.25	0.33	0.00
7.70	1.25	0.33	0.00	10.30	1.25	0.33	0.00
7.75	1.25	0.33	0.00	10.35	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.33	0.00	13.00	1.25	0.33	0.00
10.45	1.25	0.33	0.00	13.05	1.25	0.33	0.00
10.50	1.25	0.33	0.00	13.10	1.25	0.33	0.00
10.55	1.25	0.33	0.00	13.15	1.25	0.33	0.00
10.60	1.25	0.33	0.00	13.20	1.25	0.33	0.00
10.65	1.25	0.33	0.00	13.25	1.25	0.33	0.00
10.70	1.25	0.33	0.00	13.30	1.25	0.33	0.00
10.75	1.25	0.33	0.00	13.35	1.25	0.33	0.00
10.80	1.25	0.33	0.00	13.40	1.25	0.33	0.00
10.85	1.25	0.33	0.00	13.45	1.25	0.33	0.00
10.90	1.25	0.33	0.00	13.50	1.25	0.33	0.00
10.95	1.25	0.33	0.00	13.55	1.25	0.33	0.00
11.00	1.25	0.33	0.00	13.60	1.25	0.33	0.00
11.05	1.25	0.33	0.00	13.65	1.25	0.33	0.00
11.10	1.25	0.33	0.00	13.70	1.25	0.33	0.00
11.15	1.25	0.33	0.00	13.75	1.25	0.33	0.00
11.20	1.25	0.33	0.00	13.80	1.25	0.33	0.00
11.25	1.25	0.33	0.00	13.85	1.25	0.33	0.00
11.30	1.25	0.33	0.00	13.90	1.25	0.33	0.00
11.35	1.25	0.33	0.00	13.95	1.25	0.33	0.00
11.40	1.25	0.33	0.00	14.00	1.25	0.33	0.00
11.45	1.25	0.33	0.00	14.05	1.25	0.33	0.00
11.50	1.25	0.33	0.00	14.10	1.25	0.33	0.00
11.55	1.25	0.33	0.00	14.15	1.25	0.33	0.00
11.60	1.25	0.33	0.00	14.20	1.25	0.33	0.00
11.65	1.25	0.33	0.00	14.25	1.25	0.33	0.00
11.70	1.25	0.33	0.00	14.30	1.25	0.33	0.00
11.75	1.25	0.33	0.00	14.35	1.25	0.33	0.00
11.80	1.25	0.33	0.00	14.40	1.25	0.33	0.00
11.85	1.25	0.33	0.00	14.45	1.25	0.33	0.00
11.90	1.25	0.33	0.00	14.50	1.25	0.33	0.00
11.95	1.25	0.33	0.00	14.55	1.25	0.33	0.00
12.00	1.25	0.33	0.00	14.60	1.25	0.33	0.00
12.05	1.25	0.33	0.00	14.65	1.25	0.33	0.00
12.10	1.25	0.33	0.00	14.70	1.25	0.33	0.00
12.15	1.25	0.33	0.00	14.75	1.25	0.33	0.00
12.20	1.25	0.33	0.00	14.80	1.25	0.33	0.00
12.25	1.25	0.33	0.00	14.85	1.25	0.33	0.00
12.30	1.25	0.33	0.00	14.90	1.25	0.33	0.00
12.35	1.25	0.33	0.00	14.95	1.25	0.33	0.00
12.40	1.25	0.33	0.00	15.00	1.25	0.33	0.00
12.45	1.25	0.33	0.00	15.05	1.25	0.33	0.00
12.50	1.25	0.33	0.00	15.10	1.25	0.33	0.00
12.55	1.25	0.33	0.00	15.15	1.25	0.33	0.00
12.60	1.25	0.33	0.00	15.20	1.25	0.33	0.00
12.65	1.25	0.33	0.00	15.25	1.25	0.33	0.00
12.70	1.25	0.33	0.00	15.30	1.25	0.33	0.00
12.75	1.25	0.33	0.00	15.35	1.25	0.33	0.00
12.80	1.25	0.33	0.00	15.40	1.25	0.33	0.00
12.85	1.25	0.33	0.00	15.45	1.25	0.33	0.00
12.90	1.25	0.33	0.00	15.50	1.25	0.33	0.00
12.95	1.25	0.33	0.00	15.55	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.33	0.00	18.20	1.25	0.33	0.00
15.65	1.25	0.33	0.00	18.25	1.25	0.33	0.00
15.70	1.25	0.33	0.00	18.30	1.25	0.33	0.00
15.75	1.25	0.33	0.00	18.35	1.25	0.33	0.00
15.80	1.25	0.33	0.00	18.40	1.25	0.33	0.00
15.85	1.25	0.33	0.00	18.45	1.25	0.33	0.00
15.90	1.25	0.33	0.00	18.50	1.25	0.33	0.00
15.95	1.25	0.33	0.00	18.55	1.25	0.33	0.00
16.00	1.25	0.33	0.00	18.60	1.25	0.33	0.00
16.05	1.25	0.33	0.00	18.65	1.25	0.33	0.00
16.10	1.25	0.33	0.00	18.70	1.25	0.33	0.00
16.15	1.25	0.33	0.00	18.75	1.25	0.33	0.00
16.20	1.25	0.33	0.00	18.80	1.25	0.33	0.00
16.25	1.25	0.33	0.00	18.85	1.25	0.33	0.00
16.30	1.25	0.33	0.00	18.90	1.25	0.33	0.00
16.35	1.25	0.33	0.00	18.95	1.25	0.33	0.00
16.40	1.25	0.33	0.00	19.00	1.25	0.33	0.00
16.45	1.25	0.33	0.00	19.05	1.25	0.33	0.00
16.50	1.25	0.33	0.00	19.10	1.25	0.33	0.00
16.55	1.25	0.33	0.00	19.15	1.25	0.33	0.00
16.60	1.25	0.33	0.00	19.20	1.25	0.33	0.00
16.65	1.25	0.33	0.00	19.25	1.25	0.33	0.00
16.70	1.25	0.33	0.00	19.30	1.25	0.33	0.00
16.75	1.25	0.33	0.00	19.35	1.25	0.33	0.00
16.80	1.25	0.33	0.00	19.40	1.25	0.33	0.00
16.85	1.25	0.33	0.00	19.45	1.25	0.33	0.00
16.90	1.25	0.33	0.00	19.50	1.25	0.33	0.00
16.95	1.25	0.33	0.00	19.55	1.25	0.33	0.00
17.00	1.25	0.33	0.00	19.60	1.25	0.33	0.00
17.05	1.25	0.33	0.00	19.65	1.25	0.33	0.00
17.10	1.25	0.33	0.00	19.70	1.25	0.33	0.00
17.15	1.25	0.33	0.00	19.75	1.25	0.33	0.00
17.20	1.25	0.33	0.00	19.80	1.25	0.33	0.00
17.25	1.25	0.33	0.00	19.85	1.25	0.33	0.00
17.30	1.25	0.33	0.00	19.90	1.25	0.33	0.00
17.35	1.25	0.33	0.00	19.95	1.25	0.33	0.00
17.40	1.25	0.33	0.00	20.00	1.25	0.33	0.00
17.45	1.25	0.33	0.00	20.05	1.25	0.33	0.00
17.50	1.25	0.33	0.00	20.10	1.25	0.33	0.00
17.55	1.25	0.33	0.00	20.15	1.25	0.33	0.00
17.60	1.25	0.33	0.00	20.20	1.25	0.33	0.00
17.65	1.25	0.33	0.00	20.25	1.25	0.33	0.00
17.70	1.25	0.33	0.00	20.30	1.25	0.33	0.00
17.75	1.25	0.33	0.00	20.35	1.25	0.33	0.00
17.80	1.25	0.33	0.00	20.40	1.25	0.33	0.00
17.85	1.25	0.33	0.00	20.45	1.25	0.33	0.00
17.90	1.25	0.33	0.00	20.50	1.25	0.33	0.00
17.95	1.25	0.33	0.00	20.55	1.25	0.33	0.00
18.00	1.25	0.33	0.00	20.60	1.25	0.33	0.00
18.05	1.25	0.33	0.00	20.65	1.25	0.33	0.00
18.10	1.25	0.33	0.00	20.70	1.25	0.33	0.00
18.15	1.25	0.33	0.00	20.75	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.33	0.00	23.40	1.25	0.33	0.00
20.85	1.25	0.33	0.00	23.45	1.25	0.33	0.00
20.90	1.25	0.33	0.00	23.50	1.25	0.33	0.00
20.95	1.25	0.33	0.00	23.55	1.25	0.33	0.00
21.00	1.25	0.33	0.00	23.60	1.25	0.33	0.00
21.05	1.25	0.33	0.00	23.65	1.25	0.33	0.00
21.10	1.25	0.33	0.00	23.70	1.25	0.33	0.00
21.15	1.25	0.33	0.00	23.75	1.25	0.33	0.00
21.20	1.25	0.33	0.00	23.80	1.25	0.33	0.00
21.25	1.25	0.33	0.00	23.85	1.25	0.33	0.00
21.30	1.25	0.33	0.00	23.90	1.25	0.33	0.00
21.35	1.25	0.33	0.00	23.95	1.25	0.33	0.00
21.40	1.25	0.33	0.00	24.00	1.25	0.33	0.00
21.45	1.25	0.33	0.00	24.05	1.25	0.33	0.00
21.50	1.25	0.33	0.00	24.10	1.25	0.33	0.00
21.55	1.25	0.33	0.00	24.15	1.25	0.33	0.00
21.60	1.25	0.33	0.00	24.20	1.25	0.33	0.00
21.65	1.25	0.33	0.00	24.25	1.25	0.33	0.00
21.70	1.25	0.33	0.00	24.30	1.25	0.33	0.00
21.75	1.25	0.33	0.00	24.35	1.25	0.33	0.00
21.80	1.25	0.33	0.00	24.40	1.25	0.33	0.00
21.85	1.25	0.33	0.00	24.45	1.25	0.33	0.00
21.90	1.25	0.33	0.00	24.50	1.25	0.33	0.00
21.95	1.25	0.33	0.00	24.55	1.25	0.33	0.00
22.00	1.25	0.33	0.00	24.60	1.25	0.33	0.00
22.05	1.25	0.33	0.00	24.65	1.25	0.33	0.00
22.10	1.25	0.33	0.00	24.70	1.25	0.33	0.00
22.15	1.25	0.33	0.00	24.75	1.25	0.33	0.00
22.20	1.25	0.33	0.00	24.80	1.25	0.33	0.00
22.25	1.25	0.33	0.00	24.85	1.25	0.33	0.00
22.30	1.25	0.33	0.00	24.90	1.25	0.33	0.00
22.35	1.25	0.33	0.00	24.95	1.25	0.33	0.00
22.40	1.25	0.33	0.00	25.00	1.25	0.33	0.00
22.45	1.25	0.33	0.00	25.05	1.25	0.33	0.00
22.50	1.25	0.33	0.00	25.10	1.25	0.33	0.00
22.55	1.25	0.33	0.00	25.15	1.25	0.33	0.00
22.60	1.25	0.33	0.00	25.20	1.25	0.33	0.00
22.65	1.25	0.33	0.00	25.25	1.25	0.33	0.00
22.70	1.25	0.33	0.00	25.30	1.25	0.33	0.00
22.75	1.25	0.33	0.00	25.35	1.25	0.33	0.00
22.80	1.25	0.33	0.00	25.40	1.25	0.33	0.00
22.85	1.25	0.33	0.00	25.45	1.25	0.33	0.00
22.90	1.25	0.33	0.00	25.50	1.25	0.33	0.00
22.95	1.25	0.33	0.00	25.55	1.25	0.33	0.00
23.00	1.25	0.33	0.00	25.60	1.25	0.33	0.00
23.05	1.25	0.33	0.00	25.65	1.25	0.33	0.00
23.10	1.25	0.33	0.00	25.70	1.25	0.33	0.00
23.15	1.25	0.33	0.00	25.75	1.25	0.33	0.00
23.20	1.25	0.33	0.00	25.80	1.25	0.33	0.00
23.25	1.25	0.33	0.00	25.85	1.25	0.33	0.00
23.30	1.25	0.33	0.00	25.90	1.25	0.33	0.00
23.35	1.25	0.33	0.00	25.95	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.33	0.00	28.60	1.25	0.33	0.00
26.05	1.25	0.33	0.00	28.65	1.25	0.33	0.00
26.10	1.25	0.33	0.00	28.70	1.25	0.33	0.00
26.15	1.25	0.33	0.00	28.75	1.25	0.33	0.00
26.20	1.25	0.33	0.00	28.80	1.25	0.33	0.00
26.25	1.25	0.33	0.00	28.85	1.25	0.33	0.00
26.30	1.25	0.33	0.00	28.90	1.25	0.33	0.00
26.35	1.25	0.33	0.00	28.95	1.25	0.33	0.00
26.40	1.25	0.33	0.00	29.00	1.25	0.33	0.00
26.45	1.25	0.33	0.00	29.05	1.25	0.33	0.00
26.50	1.25	0.33	0.00	29.10	1.25	0.33	0.00
26.55	1.25	0.33	0.00	29.15	1.25	0.33	0.00
26.60	1.25	0.33	0.00	29.20	1.25	0.33	0.00
26.65	1.25	0.33	0.00	29.25	1.25	0.33	0.00
26.70	1.25	0.33	0.00	29.30	1.25	0.33	0.00
26.75	1.25	0.33	0.00	29.35	1.25	0.33	0.00
26.80	1.25	0.33	0.00	29.40	1.25	0.33	0.00
26.85	1.25	0.33	0.00	29.45	1.25	0.33	0.00
26.90	1.25	0.33	0.00	29.50	1.25	0.33	0.00
26.95	1.25	0.33	0.00	29.55	1.25	0.33	0.00
27.00	1.25	0.33	0.00	29.60	1.25	0.33	0.00
27.05	1.25	0.33	0.00	29.65	1.25	0.33	0.00
27.10	1.25	0.33	0.00	29.70	1.25	0.33	0.00
27.15	1.25	0.33	0.00	29.75	1.25	0.33	0.00
27.20	1.25	0.33	0.00	29.80	1.25	0.33	0.00
27.25	1.25	0.33	0.00	29.85	1.25	0.33	0.00
27.30	1.25	0.33	0.00	29.90	1.25	0.33	0.00
27.35	1.25	0.33	0.00	29.95	1.25	0.33	0.00
27.40	1.25	0.33	0.00	30.00	1.25	0.33	0.00
27.45	1.25	0.33	0.00	30.05	1.25	0.33	0.00
27.50	1.25	0.33	0.00	30.10	1.25	0.33	0.00
27.55	1.25	0.33	0.00	30.15	1.25	0.33	0.00
27.60	1.25	0.33	0.00	30.20	1.25	0.33	0.00
27.65	1.25	0.33	0.00	30.25	1.25	0.33	0.00
27.70	1.25	0.33	0.00	30.30	1.25	0.33	0.00
27.75	1.25	0.33	0.00	30.35	1.25	0.33	0.00
27.80	1.25	0.33	0.00	30.40	1.25	0.33	0.00
27.85	1.25	0.33	0.00	30.45	1.25	0.33	0.00
27.90	1.25	0.33	0.00	30.50	1.25	0.33	0.00
27.95	1.25	0.33	0.00	30.55	1.25	0.33	0.00
28.00	1.25	0.33	0.00	30.60	1.25	0.33	0.00
28.05	1.25	0.33	0.00	30.65	1.25	0.33	0.00
28.10	1.25	0.33	0.00	30.70	1.25	0.33	0.00
28.15	1.25	0.33	0.00	30.75	1.25	0.33	0.00
28.20	1.25	0.33	0.00	30.80	1.25	0.33	0.00
28.25	1.25	0.33	0.00	30.85	1.25	0.33	0.00
28.30	1.25	0.33	0.00	30.90	1.25	0.33	0.00
28.35	1.25	0.33	0.00	30.95	1.25	0.33	0.00
28.40	1.25	0.33	0.00	31.00	1.25	0.33	0.00
28.45	1.25	0.33	0.00	31.05	1.25	0.33	0.00
28.50	1.25	0.33	0.00	31.10	1.25	0.33	0.00
28.55	1.25	0.33	0.00	31.15	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.33	0.00	33.80	1.25	0.33	0.00
31.25	1.25	0.33	0.00	33.85	1.25	0.33	0.00
31.30	1.25	0.33	0.00	33.90	1.25	0.33	0.00
31.35	1.25	0.33	0.00	33.95	1.25	0.33	0.00
31.40	1.25	0.33	0.00	34.00	1.25	0.33	0.00
31.45	1.25	0.33	0.00	34.05	1.25	0.33	0.00
31.50	1.25	0.33	0.00	34.10	1.25	0.33	0.00
31.55	1.25	0.33	0.00	34.15	1.25	0.33	0.00
31.60	1.25	0.33	0.00	34.20	1.25	0.33	0.00
31.65	1.25	0.33	0.00	34.25	1.25	0.33	0.00
31.70	1.25	0.33	0.00	34.30	1.25	0.33	0.00
31.75	1.25	0.33	0.00	34.35	1.25	0.33	0.00
31.80	1.25	0.33	0.00	34.40	1.25	0.33	0.00
31.85	1.25	0.33	0.00	34.45	1.25	0.33	0.00
31.90	1.25	0.33	0.00	34.50	1.25	0.33	0.00
31.95	1.25	0.33	0.00	34.55	1.25	0.33	0.00
32.00	1.25	0.33	0.00	34.60	1.25	0.33	0.00
32.05	1.25	0.33	0.00	34.65	1.25	0.33	0.00
32.10	1.25	0.33	0.00	34.70	1.25	0.33	0.00
32.15	1.25	0.33	0.00	34.75	1.25	0.33	0.00
32.20	1.25	0.33	0.00	34.80	1.25	0.33	0.00
32.25	1.25	0.33	0.00	34.85	1.25	0.33	0.00
32.30	1.25	0.33	0.00	34.90	1.25	0.33	0.00
32.35	1.25	0.33	0.00	34.95	1.25	0.33	0.00
32.40	1.25	0.33	0.00	35.00	1.25	0.33	0.00
32.45	1.25	0.33	0.00	35.05	1.25	0.33	0.00
32.50	1.25	0.33	0.00	35.10	1.25	0.33	0.00
32.55	1.25	0.33	0.00	35.15	1.25	0.33	0.00
32.60	1.25	0.33	0.00	35.20	1.25	0.33	0.00
32.65	1.25	0.33	0.00	35.25	1.25	0.33	0.00
32.70	1.25	0.33	0.00	35.30	1.25	0.33	0.00
32.75	1.25	0.33	0.00	35.35	1.25	0.33	0.00
32.80	1.25	0.33	0.00	35.40	1.25	0.33	0.00
32.85	1.25	0.33	0.00	35.45	1.25	0.33	0.00
32.90	1.25	0.33	0.00	35.50	1.25	0.33	0.00
32.95	1.25	0.33	0.00	35.55	1.25	0.33	0.00
33.00	1.25	0.33	0.00	35.60	1.25	0.33	0.00
33.05	1.25	0.33	0.00	35.65	1.25	0.33	0.00
33.10	1.25	0.33	0.00	35.70	1.25	0.33	0.00
33.15	1.25	0.33	0.00	35.75	1.25	0.33	0.00
33.20	1.25	0.33	0.00	35.80	1.25	0.33	0.00
33.25	1.25	0.33	0.00	35.85	1.25	0.33	0.00
33.30	1.25	0.33	0.00	35.90	1.25	0.33	0.00
33.35	1.25	0.33	0.00	35.95	1.25	0.33	0.00
33.40	1.25	0.33	0.00	36.00	1.25	0.33	0.00
33.45	1.25	0.33	0.00	36.05	1.25	0.33	0.00
33.50	1.25	0.33	0.00	36.10	1.25	0.33	0.00
33.55	1.25	0.33	0.00	36.15	1.25	0.33	0.00
33.60	1.25	0.33	0.00	36.20	1.25	0.33	0.00
33.65	1.25	0.33	0.00	36.25	1.25	0.33	0.00
33.70	1.25	0.33	0.00	36.30	1.25	0.33	0.00
33.75	1.25	0.33	0.00	36.35	1.25	0.33	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.33	0.00	39.00	1.25	0.33	0.00
36.45	1.25	0.33	0.00	39.05	1.25	0.33	0.00
36.50	1.25	0.33	0.00	39.10	1.25	0.33	0.00
36.55	1.25	0.33	0.00	39.15	1.25	0.33	0.00
36.60	1.25	0.33	0.00	39.20	1.25	0.33	0.00
36.65	1.25	0.33	0.00	39.25	1.25	0.33	0.00
36.70	1.25	0.33	0.00	39.30	1.25	0.33	0.00
36.75	1.25	0.33	0.00	39.35	1.25	0.33	0.00
36.80	1.25	0.33	0.00	39.40	1.25	0.33	0.00
36.85	1.25	0.33	0.00	39.45	1.25	0.33	0.00
36.90	1.25	0.33	0.00	39.50	1.25	0.33	0.00
36.95	1.25	0.33	0.00	39.55	1.25	0.33	0.00
37.00	1.25	0.33	0.00	39.60	1.25	0.33	0.00
37.05	1.25	0.33	0.00	39.65	1.25	0.33	0.00
37.10	1.25	0.33	0.00	39.70	1.25	0.33	0.00
37.15	1.25	0.33	0.00	39.75	1.25	0.33	0.00
37.20	1.25	0.33	0.00	39.80	1.25	0.33	0.00
37.25	1.25	0.33	0.00	39.85	1.25	0.33	0.00
37.30	1.25	0.33	0.00	39.90	1.25	0.33	0.00
37.35	1.25	0.33	0.00	39.95	1.25	0.33	0.00
37.40	1.25	0.33	0.00	40.00	1.25	0.33	0.00
37.45	1.25	0.33	0.00				
37.50	1.25	0.33	0.00				
37.55	1.25	0.33	0.00				
37.60	1.25	0.33	0.00				
37.65	1.25	0.33	0.00				
37.70	1.25	0.33	0.00				
37.75	1.25	0.33	0.00				
37.80	1.25	0.33	0.00				
37.85	1.25	0.33	0.00				
37.90	1.25	0.33	0.00				
37.95	1.25	0.33	0.00				
38.00	1.25	0.33	0.00				
38.05	1.25	0.33	0.00				
38.10	1.25	0.33	0.00				
38.15	1.25	0.33	0.00				
38.20	1.25	0.33	0.00				
38.25	1.25	0.33	0.00				
38.30	1.25	0.33	0.00				
38.35	1.25	0.33	0.00				
38.40	1.25	0.33	0.00				
38.45	1.25	0.33	0.00				
38.50	1.25	0.33	0.00				
38.55	1.25	0.33	0.00				
38.60	1.25	0.33	0.00				
38.65	1.25	0.33	0.00				
38.70	1.25	0.33	0.00				
38.75	1.25	0.33	0.00				
38.80	1.25	0.33	0.00				
38.85	1.25	0.33	0.00				
38.90	1.25	0.33	0.00				
38.95	1.25	0.33	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 2.09 cfs @ 1.15 hrs, Volume= 0.070 af, Depth= 1.03"
Routed to Pond B-28 : Basin #28

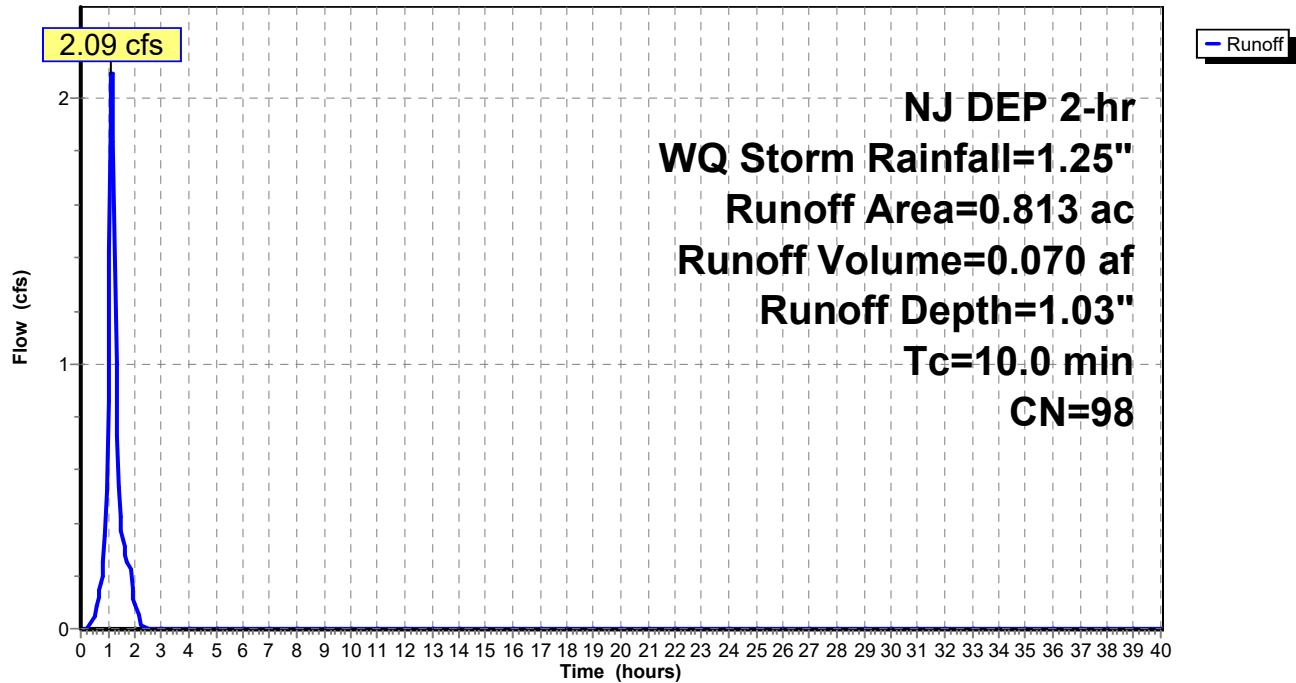
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.08	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.12	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.15	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.17	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.20	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.25	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.35	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.52	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.86	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.42	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.91	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.09	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.83	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.38	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.00	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.73	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.54	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.42	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.37	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.34	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.31	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.28	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.26	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.25	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.24	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.20	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.15	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.12	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.10	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 0.20 cfs @ 1.27 hrs, Volume= 0.009 af, Depth= 0.07"
 Routed to Pond B-28 : Basin #28

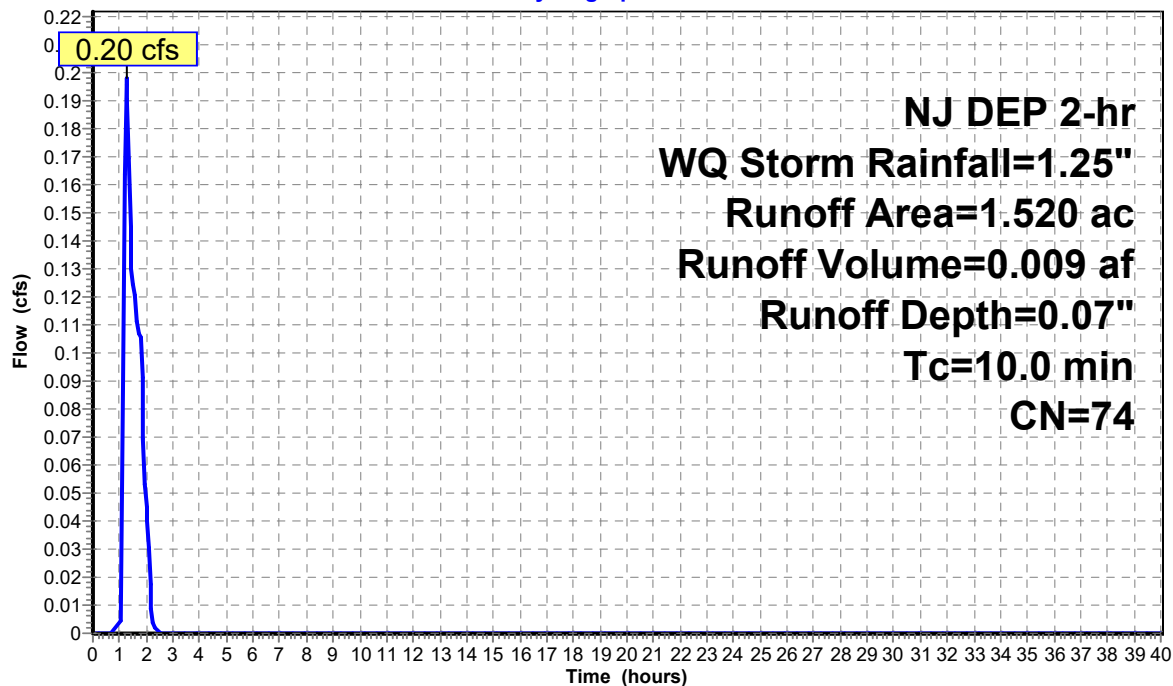
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.09	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.16	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.20	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.19	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.17	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.15	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.13	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.12	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.12	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.12	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.11	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.09	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 1.23 cfs @ 1.27 hrs, Volume= 0.058 af, Depth= 0.07"

Routed to Link PDA-2 : Proposed Drainage Area #2

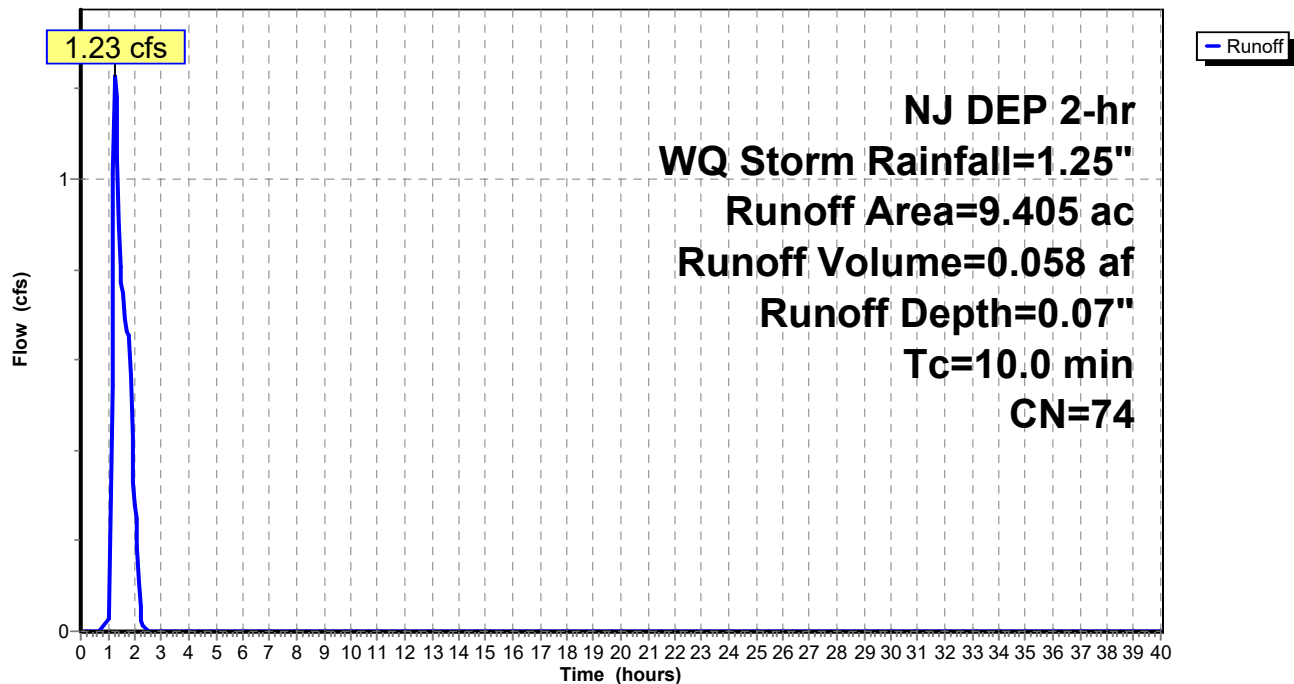
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.11	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.54	3.75	1.25	0.07	0.00
1.20	1.02	0.03	1.01	3.80	1.25	0.07	0.00
1.25	1.05	0.03	1.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	1.18	3.90	1.25	0.07	0.00
1.35	1.09	0.04	1.05	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.90	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.80	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.77	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.76	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.73	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.69	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.66	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.66	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.65	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.57	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.43	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.33	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.28	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.25	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.19	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.11	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.05	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.02	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.01	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.01	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 0.38" for WQ Storm event
 Inflow = 1.21 cfs @ 1.16 hrs, Volume= 0.045 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 187.37' @ 2.60 hrs Surf.Area= 1,747 sf Storage= 1,947 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

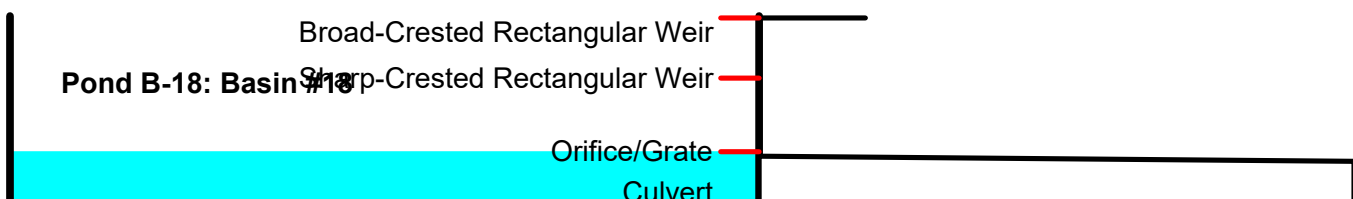
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

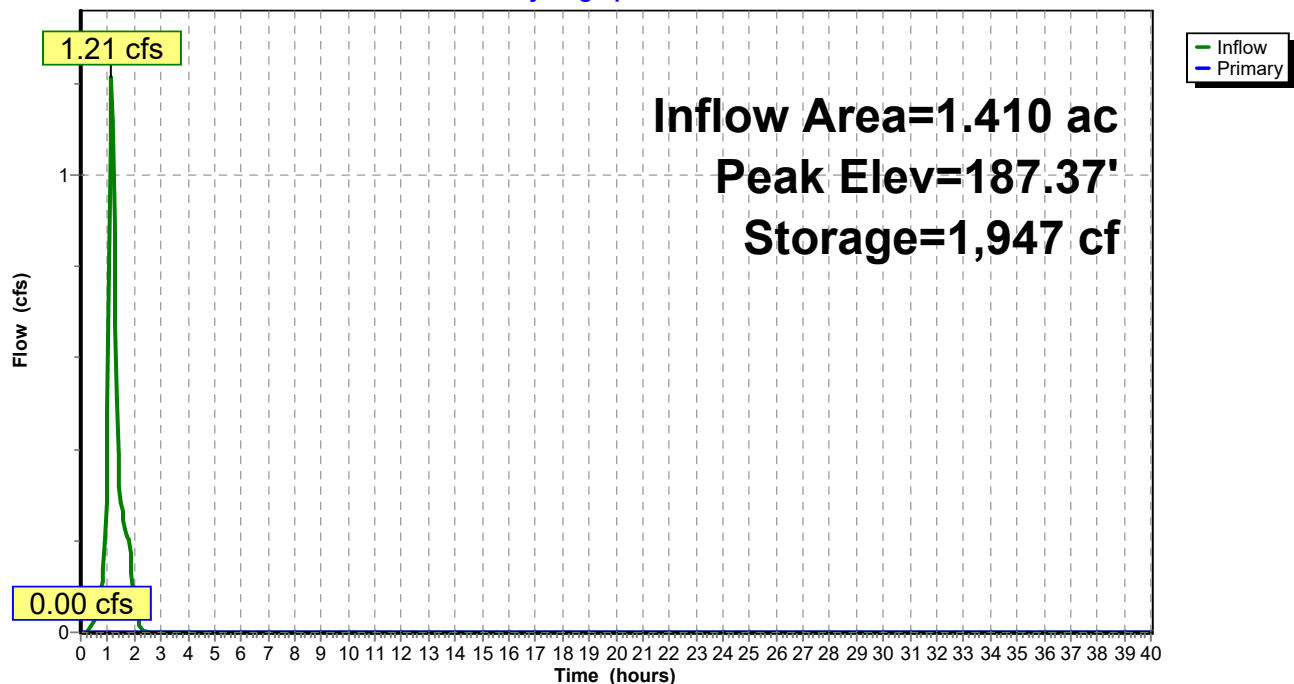
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=186.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.02	4	186.00	0.00
0.60	0.05	15	186.01	0.00
0.70	0.08	38	186.03	0.00
0.80	0.11	72	186.06	0.00
0.90	0.19	125	186.11	0.00
1.00	0.48	236	186.20	0.00
1.10	1.07	517	186.43	0.00
1.20	1.12	933	186.73	0.00
1.30	0.67	1,254	186.94	0.00
1.40	0.39	1,441	187.06	0.00
1.50	0.28	1,559	187.14	0.00
1.60	0.25	1,654	187.19	0.00
1.70	0.21	1,735	187.24	0.00
1.80	0.20	1,809	187.29	0.00
1.90	0.13	1,869	187.32	0.00
2.00	0.08	1,906	187.34	0.00
2.10	0.06	1,931	187.36	0.00
2.20	0.02	1,943	187.36	0.00
2.30	0.00	1,946	187.37	0.00
2.40	0.00	1,947	187.37	0.00
2.50	0.00	1,947	187.37	0.00
2.60	0.00	1,947	187.37	0.00
2.70	0.00	1,947	187.37	0.00
2.80	0.00	1,947	187.37	0.00
2.90	0.00	1,947	187.37	0.00
3.00	0.00	1,947	187.37	0.00
3.10	0.00	1,947	187.37	0.00
3.20	0.00	1,947	187.37	0.00
3.30	0.00	1,947	187.37	0.00
3.40	0.00	1,947	187.37	0.00
3.50	0.00	1,947	187.37	0.00
3.60	0.00	1,947	187.37	0.00
3.70	0.00	1,947	187.37	0.00
3.80	0.00	1,947	187.37	0.00
3.90	0.00	1,947	187.37	0.00
4.00	0.00	1,947	187.37	0.00
4.10	0.00	1,947	187.37	0.00
4.20	0.00	1,947	187.37	0.00
4.30	0.00	1,947	187.37	0.00
4.40	0.00	1,947	187.37	0.00
4.50	0.00	1,947	187.37	0.00
4.60	0.00	1,947	187.37	0.00
4.70	0.00	1,947	187.37	0.00
4.80	0.00	1,947	187.37	0.00
4.90	0.00	1,947	187.37	0.00
5.00	0.00	1,947	187.37	0.00
5.10	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,947	187.37	0.00
5.30	0.00	1,947	187.37	0.00
5.40	0.00	1,947	187.37	0.00
5.50	0.00	1,947	187.37	0.00
5.60	0.00	1,947	187.37	0.00
5.70	0.00	1,947	187.37	0.00
5.80	0.00	1,947	187.37	0.00
5.90	0.00	1,947	187.37	0.00
6.00	0.00	1,947	187.37	0.00
6.10	0.00	1,947	187.37	0.00
6.20	0.00	1,947	187.37	0.00
6.30	0.00	1,947	187.37	0.00
6.40	0.00	1,947	187.37	0.00
6.50	0.00	1,947	187.37	0.00
6.60	0.00	1,947	187.37	0.00
6.70	0.00	1,947	187.37	0.00
6.80	0.00	1,947	187.37	0.00
6.90	0.00	1,947	187.37	0.00
7.00	0.00	1,947	187.37	0.00
7.10	0.00	1,947	187.37	0.00
7.20	0.00	1,947	187.37	0.00
7.30	0.00	1,947	187.37	0.00
7.40	0.00	1,947	187.37	0.00
7.50	0.00	1,947	187.37	0.00
7.60	0.00	1,947	187.37	0.00
7.70	0.00	1,947	187.37	0.00
7.80	0.00	1,947	187.37	0.00
7.90	0.00	1,947	187.37	0.00
8.00	0.00	1,947	187.37	0.00
8.10	0.00	1,947	187.37	0.00
8.20	0.00	1,947	187.37	0.00
8.30	0.00	1,947	187.37	0.00
8.40	0.00	1,947	187.37	0.00
8.50	0.00	1,947	187.37	0.00
8.60	0.00	1,947	187.37	0.00
8.70	0.00	1,947	187.37	0.00
8.80	0.00	1,947	187.37	0.00
8.90	0.00	1,947	187.37	0.00
9.00	0.00	1,947	187.37	0.00
9.10	0.00	1,947	187.37	0.00
9.20	0.00	1,947	187.37	0.00
9.30	0.00	1,947	187.37	0.00
9.40	0.00	1,947	187.37	0.00
9.50	0.00	1,947	187.37	0.00
9.60	0.00	1,947	187.37	0.00
9.70	0.00	1,947	187.37	0.00
9.80	0.00	1,947	187.37	0.00
9.90	0.00	1,947	187.37	0.00
10.00	0.00	1,947	187.37	0.00
10.10	0.00	1,947	187.37	0.00
10.20	0.00	1,947	187.37	0.00
10.30	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,947	187.37	0.00
10.50	0.00	1,947	187.37	0.00
10.60	0.00	1,947	187.37	0.00
10.70	0.00	1,947	187.37	0.00
10.80	0.00	1,947	187.37	0.00
10.90	0.00	1,947	187.37	0.00
11.00	0.00	1,947	187.37	0.00
11.10	0.00	1,947	187.37	0.00
11.20	0.00	1,947	187.37	0.00
11.30	0.00	1,947	187.37	0.00
11.40	0.00	1,947	187.37	0.00
11.50	0.00	1,947	187.37	0.00
11.60	0.00	1,947	187.37	0.00
11.70	0.00	1,947	187.37	0.00
11.80	0.00	1,947	187.37	0.00
11.90	0.00	1,947	187.37	0.00
12.00	0.00	1,947	187.37	0.00
12.10	0.00	1,947	187.37	0.00
12.20	0.00	1,947	187.37	0.00
12.30	0.00	1,947	187.37	0.00
12.40	0.00	1,947	187.37	0.00
12.50	0.00	1,947	187.37	0.00
12.60	0.00	1,947	187.37	0.00
12.70	0.00	1,947	187.37	0.00
12.80	0.00	1,947	187.37	0.00
12.90	0.00	1,947	187.37	0.00
13.00	0.00	1,947	187.37	0.00
13.10	0.00	1,947	187.37	0.00
13.20	0.00	1,947	187.37	0.00
13.30	0.00	1,947	187.37	0.00
13.40	0.00	1,947	187.37	0.00
13.50	0.00	1,947	187.37	0.00
13.60	0.00	1,947	187.37	0.00
13.70	0.00	1,947	187.37	0.00
13.80	0.00	1,947	187.37	0.00
13.90	0.00	1,947	187.37	0.00
14.00	0.00	1,947	187.37	0.00
14.10	0.00	1,947	187.37	0.00
14.20	0.00	1,947	187.37	0.00
14.30	0.00	1,947	187.37	0.00
14.40	0.00	1,947	187.37	0.00
14.50	0.00	1,947	187.37	0.00
14.60	0.00	1,947	187.37	0.00
14.70	0.00	1,947	187.37	0.00
14.80	0.00	1,947	187.37	0.00
14.90	0.00	1,947	187.37	0.00
15.00	0.00	1,947	187.37	0.00
15.10	0.00	1,947	187.37	0.00
15.20	0.00	1,947	187.37	0.00
15.30	0.00	1,947	187.37	0.00
15.40	0.00	1,947	187.37	0.00
15.50	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,947	187.37	0.00
15.70	0.00	1,947	187.37	0.00
15.80	0.00	1,947	187.37	0.00
15.90	0.00	1,947	187.37	0.00
16.00	0.00	1,947	187.37	0.00
16.10	0.00	1,947	187.37	0.00
16.20	0.00	1,947	187.37	0.00
16.30	0.00	1,947	187.37	0.00
16.40	0.00	1,947	187.37	0.00
16.50	0.00	1,947	187.37	0.00
16.60	0.00	1,947	187.37	0.00
16.70	0.00	1,947	187.37	0.00
16.80	0.00	1,947	187.37	0.00
16.90	0.00	1,947	187.37	0.00
17.00	0.00	1,947	187.37	0.00
17.10	0.00	1,947	187.37	0.00
17.20	0.00	1,947	187.37	0.00
17.30	0.00	1,947	187.37	0.00
17.40	0.00	1,947	187.37	0.00
17.50	0.00	1,947	187.37	0.00
17.60	0.00	1,947	187.37	0.00
17.70	0.00	1,947	187.37	0.00
17.80	0.00	1,947	187.37	0.00
17.90	0.00	1,947	187.37	0.00
18.00	0.00	1,947	187.37	0.00
18.10	0.00	1,947	187.37	0.00
18.20	0.00	1,947	187.37	0.00
18.30	0.00	1,947	187.37	0.00
18.40	0.00	1,947	187.37	0.00
18.50	0.00	1,947	187.37	0.00
18.60	0.00	1,947	187.37	0.00
18.70	0.00	1,947	187.37	0.00
18.80	0.00	1,947	187.37	0.00
18.90	0.00	1,947	187.37	0.00
19.00	0.00	1,947	187.37	0.00
19.10	0.00	1,947	187.37	0.00
19.20	0.00	1,947	187.37	0.00
19.30	0.00	1,947	187.37	0.00
19.40	0.00	1,947	187.37	0.00
19.50	0.00	1,947	187.37	0.00
19.60	0.00	1,947	187.37	0.00
19.70	0.00	1,947	187.37	0.00
19.80	0.00	1,947	187.37	0.00
19.90	0.00	1,947	187.37	0.00
20.00	0.00	1,947	187.37	0.00
20.10	0.00	1,947	187.37	0.00
20.20	0.00	1,947	187.37	0.00
20.30	0.00	1,947	187.37	0.00
20.40	0.00	1,947	187.37	0.00
20.50	0.00	1,947	187.37	0.00
20.60	0.00	1,947	187.37	0.00
20.70	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,947	187.37	0.00
20.90	0.00	1,947	187.37	0.00
21.00	0.00	1,947	187.37	0.00
21.10	0.00	1,947	187.37	0.00
21.20	0.00	1,947	187.37	0.00
21.30	0.00	1,947	187.37	0.00
21.40	0.00	1,947	187.37	0.00
21.50	0.00	1,947	187.37	0.00
21.60	0.00	1,947	187.37	0.00
21.70	0.00	1,947	187.37	0.00
21.80	0.00	1,947	187.37	0.00
21.90	0.00	1,947	187.37	0.00
22.00	0.00	1,947	187.37	0.00
22.10	0.00	1,947	187.37	0.00
22.20	0.00	1,947	187.37	0.00
22.30	0.00	1,947	187.37	0.00
22.40	0.00	1,947	187.37	0.00
22.50	0.00	1,947	187.37	0.00
22.60	0.00	1,947	187.37	0.00
22.70	0.00	1,947	187.37	0.00
22.80	0.00	1,947	187.37	0.00
22.90	0.00	1,947	187.37	0.00
23.00	0.00	1,947	187.37	0.00
23.10	0.00	1,947	187.37	0.00
23.20	0.00	1,947	187.37	0.00
23.30	0.00	1,947	187.37	0.00
23.40	0.00	1,947	187.37	0.00
23.50	0.00	1,947	187.37	0.00
23.60	0.00	1,947	187.37	0.00
23.70	0.00	1,947	187.37	0.00
23.80	0.00	1,947	187.37	0.00
23.90	0.00	1,947	187.37	0.00
24.00	0.00	1,947	187.37	0.00
24.10	0.00	1,947	187.37	0.00
24.20	0.00	1,947	187.37	0.00
24.30	0.00	1,947	187.37	0.00
24.40	0.00	1,947	187.37	0.00
24.50	0.00	1,947	187.37	0.00
24.60	0.00	1,947	187.37	0.00
24.70	0.00	1,947	187.37	0.00
24.80	0.00	1,947	187.37	0.00
24.90	0.00	1,947	187.37	0.00
25.00	0.00	1,947	187.37	0.00
25.10	0.00	1,947	187.37	0.00
25.20	0.00	1,947	187.37	0.00
25.30	0.00	1,947	187.37	0.00
25.40	0.00	1,947	187.37	0.00
25.50	0.00	1,947	187.37	0.00
25.60	0.00	1,947	187.37	0.00
25.70	0.00	1,947	187.37	0.00
25.80	0.00	1,947	187.37	0.00
25.90	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,947	187.37	0.00
26.10	0.00	1,947	187.37	0.00
26.20	0.00	1,947	187.37	0.00
26.30	0.00	1,947	187.37	0.00
26.40	0.00	1,947	187.37	0.00
26.50	0.00	1,947	187.37	0.00
26.60	0.00	1,947	187.37	0.00
26.70	0.00	1,947	187.37	0.00
26.80	0.00	1,947	187.37	0.00
26.90	0.00	1,947	187.37	0.00
27.00	0.00	1,947	187.37	0.00
27.10	0.00	1,947	187.37	0.00
27.20	0.00	1,947	187.37	0.00
27.30	0.00	1,947	187.37	0.00
27.40	0.00	1,947	187.37	0.00
27.50	0.00	1,947	187.37	0.00
27.60	0.00	1,947	187.37	0.00
27.70	0.00	1,947	187.37	0.00
27.80	0.00	1,947	187.37	0.00
27.90	0.00	1,947	187.37	0.00
28.00	0.00	1,947	187.37	0.00
28.10	0.00	1,947	187.37	0.00
28.20	0.00	1,947	187.37	0.00
28.30	0.00	1,947	187.37	0.00
28.40	0.00	1,947	187.37	0.00
28.50	0.00	1,947	187.37	0.00
28.60	0.00	1,947	187.37	0.00
28.70	0.00	1,947	187.37	0.00
28.80	0.00	1,947	187.37	0.00
28.90	0.00	1,947	187.37	0.00
29.00	0.00	1,947	187.37	0.00
29.10	0.00	1,947	187.37	0.00
29.20	0.00	1,947	187.37	0.00
29.30	0.00	1,947	187.37	0.00
29.40	0.00	1,947	187.37	0.00
29.50	0.00	1,947	187.37	0.00
29.60	0.00	1,947	187.37	0.00
29.70	0.00	1,947	187.37	0.00
29.80	0.00	1,947	187.37	0.00
29.90	0.00	1,947	187.37	0.00
30.00	0.00	1,947	187.37	0.00
30.10	0.00	1,947	187.37	0.00
30.20	0.00	1,947	187.37	0.00
30.30	0.00	1,947	187.37	0.00
30.40	0.00	1,947	187.37	0.00
30.50	0.00	1,947	187.37	0.00
30.60	0.00	1,947	187.37	0.00
30.70	0.00	1,947	187.37	0.00
30.80	0.00	1,947	187.37	0.00
30.90	0.00	1,947	187.37	0.00
31.00	0.00	1,947	187.37	0.00
31.10	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,947	187.37	0.00
31.30	0.00	1,947	187.37	0.00
31.40	0.00	1,947	187.37	0.00
31.50	0.00	1,947	187.37	0.00
31.60	0.00	1,947	187.37	0.00
31.70	0.00	1,947	187.37	0.00
31.80	0.00	1,947	187.37	0.00
31.90	0.00	1,947	187.37	0.00
32.00	0.00	1,947	187.37	0.00
32.10	0.00	1,947	187.37	0.00
32.20	0.00	1,947	187.37	0.00
32.30	0.00	1,947	187.37	0.00
32.40	0.00	1,947	187.37	0.00
32.50	0.00	1,947	187.37	0.00
32.60	0.00	1,947	187.37	0.00
32.70	0.00	1,947	187.37	0.00
32.80	0.00	1,947	187.37	0.00
32.90	0.00	1,947	187.37	0.00
33.00	0.00	1,947	187.37	0.00
33.10	0.00	1,947	187.37	0.00
33.20	0.00	1,947	187.37	0.00
33.30	0.00	1,947	187.37	0.00
33.40	0.00	1,947	187.37	0.00
33.50	0.00	1,947	187.37	0.00
33.60	0.00	1,947	187.37	0.00
33.70	0.00	1,947	187.37	0.00
33.80	0.00	1,947	187.37	0.00
33.90	0.00	1,947	187.37	0.00
34.00	0.00	1,947	187.37	0.00
34.10	0.00	1,947	187.37	0.00
34.20	0.00	1,947	187.37	0.00
34.30	0.00	1,947	187.37	0.00
34.40	0.00	1,947	187.37	0.00
34.50	0.00	1,947	187.37	0.00
34.60	0.00	1,947	187.37	0.00
34.70	0.00	1,947	187.37	0.00
34.80	0.00	1,947	187.37	0.00
34.90	0.00	1,947	187.37	0.00
35.00	0.00	1,947	187.37	0.00
35.10	0.00	1,947	187.37	0.00
35.20	0.00	1,947	187.37	0.00
35.30	0.00	1,947	187.37	0.00
35.40	0.00	1,947	187.37	0.00
35.50	0.00	1,947	187.37	0.00
35.60	0.00	1,947	187.37	0.00
35.70	0.00	1,947	187.37	0.00
35.80	0.00	1,947	187.37	0.00
35.90	0.00	1,947	187.37	0.00
36.00	0.00	1,947	187.37	0.00
36.10	0.00	1,947	187.37	0.00
36.20	0.00	1,947	187.37	0.00
36.30	0.00	1,947	187.37	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,947	187.37	0.00
36.50	0.00	1,947	187.37	0.00
36.60	0.00	1,947	187.37	0.00
36.70	0.00	1,947	187.37	0.00
36.80	0.00	1,947	187.37	0.00
36.90	0.00	1,947	187.37	0.00
37.00	0.00	1,947	187.37	0.00
37.10	0.00	1,947	187.37	0.00
37.20	0.00	1,947	187.37	0.00
37.30	0.00	1,947	187.37	0.00
37.40	0.00	1,947	187.37	0.00
37.50	0.00	1,947	187.37	0.00
37.60	0.00	1,947	187.37	0.00
37.70	0.00	1,947	187.37	0.00
37.80	0.00	1,947	187.37	0.00
37.90	0.00	1,947	187.37	0.00
38.00	0.00	1,947	187.37	0.00
38.10	0.00	1,947	187.37	0.00
38.20	0.00	1,947	187.37	0.00
38.30	0.00	1,947	187.37	0.00
38.40	0.00	1,947	187.37	0.00
38.50	0.00	1,947	187.37	0.00
38.60	0.00	1,947	187.37	0.00
38.70	0.00	1,947	187.37	0.00
38.80	0.00	1,947	187.37	0.00
38.90	0.00	1,947	187.37	0.00
39.00	0.00	1,947	187.37	0.00
39.10	0.00	1,947	187.37	0.00
39.20	0.00	1,947	187.37	0.00
39.30	0.00	1,947	187.37	0.00
39.40	0.00	1,947	187.37	0.00
39.50	0.00	1,947	187.37	0.00
39.60	0.00	1,947	187.37	0.00
39.70	0.00	1,947	187.37	0.00
39.80	0.00	1,947	187.37	0.00
39.90	0.00	1,947	187.37	0.00
40.00	0.00	1,947	187.37	0.00

Stage-Discharge for Pond B-18: Basin #18

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.00	187.04	0.00	187.56	0.05
186.01	0.00	186.53	0.00	187.05	0.00	187.57	0.05
186.02	0.00	186.54	0.00	187.06	0.00	187.58	0.05
186.03	0.00	186.55	0.00	187.07	0.00	187.59	0.06
186.04	0.00	186.56	0.00	187.08	0.00	187.60	0.06
186.05	0.00	186.57	0.00	187.09	0.00	187.61	0.06
186.06	0.00	186.58	0.00	187.10	0.00	187.62	0.06
186.07	0.00	186.59	0.00	187.11	0.00	187.63	0.06
186.08	0.00	186.60	0.00	187.12	0.00	187.64	0.07
186.09	0.00	186.61	0.00	187.13	0.00	187.65	0.07
186.10	0.00	186.62	0.00	187.14	0.00	187.66	0.07
186.11	0.00	186.63	0.00	187.15	0.00	187.67	0.07
186.12	0.00	186.64	0.00	187.16	0.00	187.68	0.07
186.13	0.00	186.65	0.00	187.17	0.00	187.69	0.08
186.14	0.00	186.66	0.00	187.18	0.00	187.70	0.08
186.15	0.00	186.67	0.00	187.19	0.00	187.71	0.08
186.16	0.00	186.68	0.00	187.20	0.00	187.72	0.08
186.17	0.00	186.69	0.00	187.21	0.00	187.73	0.08
186.18	0.00	186.70	0.00	187.22	0.00	187.74	0.08
186.19	0.00	186.71	0.00	187.23	0.00	187.75	0.09
186.20	0.00	186.72	0.00	187.24	0.00	187.76	0.09
186.21	0.00	186.73	0.00	187.25	0.00	187.77	0.09
186.22	0.00	186.74	0.00	187.26	0.00	187.78	0.09
186.23	0.00	186.75	0.00	187.27	0.00	187.79	0.09
186.24	0.00	186.76	0.00	187.28	0.00	187.80	0.09
186.25	0.00	186.77	0.00	187.29	0.00	187.81	0.10
186.26	0.00	186.78	0.00	187.30	0.00	187.82	0.10
186.27	0.00	186.79	0.00	187.31	0.00	187.83	0.10
186.28	0.00	186.80	0.00	187.32	0.00	187.84	0.10
186.29	0.00	186.81	0.00	187.33	0.00	187.85	0.10
186.30	0.00	186.82	0.00	187.34	0.00	187.86	0.10
186.31	0.00	186.83	0.00	187.35	0.00	187.87	0.10
186.32	0.00	186.84	0.00	187.36	0.00	187.88	0.10
186.33	0.00	186.85	0.00	187.37	0.00	187.89	0.11
186.34	0.00	186.86	0.00	187.38	0.00	187.90	0.11
186.35	0.00	186.87	0.00	187.39	0.00	187.91	0.11
186.36	0.00	186.88	0.00	187.40	0.00	187.92	0.11
186.37	0.00	186.89	0.00	187.41	0.00	187.93	0.11
186.38	0.00	186.90	0.00	187.42	0.00	187.94	0.11
186.39	0.00	186.91	0.00	187.43	0.01	187.95	0.11
186.40	0.00	186.92	0.00	187.44	0.01	187.96	0.11
186.41	0.00	186.93	0.00	187.45	0.01	187.97	0.12
186.42	0.00	186.94	0.00	187.46	0.01	187.98	0.12
186.43	0.00	186.95	0.00	187.47	0.02	187.99	0.12
186.44	0.00	186.96	0.00	187.48	0.02	188.00	0.12
186.45	0.00	186.97	0.00	187.49	0.02	188.01	0.12
186.46	0.00	186.98	0.00	187.50	0.03	188.02	0.12
186.47	0.00	186.99	0.00	187.51	0.03	188.03	0.12
186.48	0.00	187.00	0.00	187.52	0.03	188.04	0.12
186.49	0.00	187.01	0.00	187.53	0.04	188.05	0.12
186.50	0.00	187.02	0.00	187.54	0.04	188.06	0.13
186.51	0.00	187.03	0.00	187.55	0.05	188.07	0.13

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 1.60 cfs @ 1.15 hrs, Volume= 0.058 af
 Outflow = 0.00 cfs @ 2.49 hrs, Volume= 0.000 af, Atten= 100%, Lag= 79.9 min
 Primary = 0.00 cfs @ 2.49 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.13' @ 2.49 hrs Surf.Area= 2,574 sf Storage= 2,541 cf

Plug-Flow detention time= 722.6 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 677.9 min (754.0 - 76.1)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

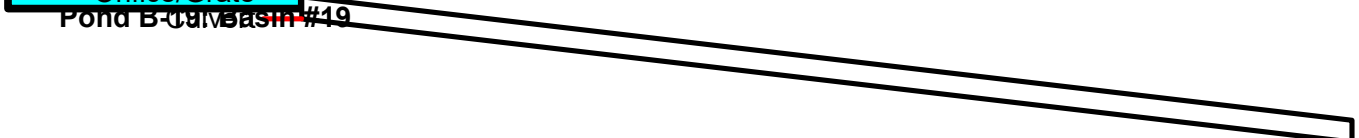
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 2.49 hrs HW=196.13' (Free Discharge)

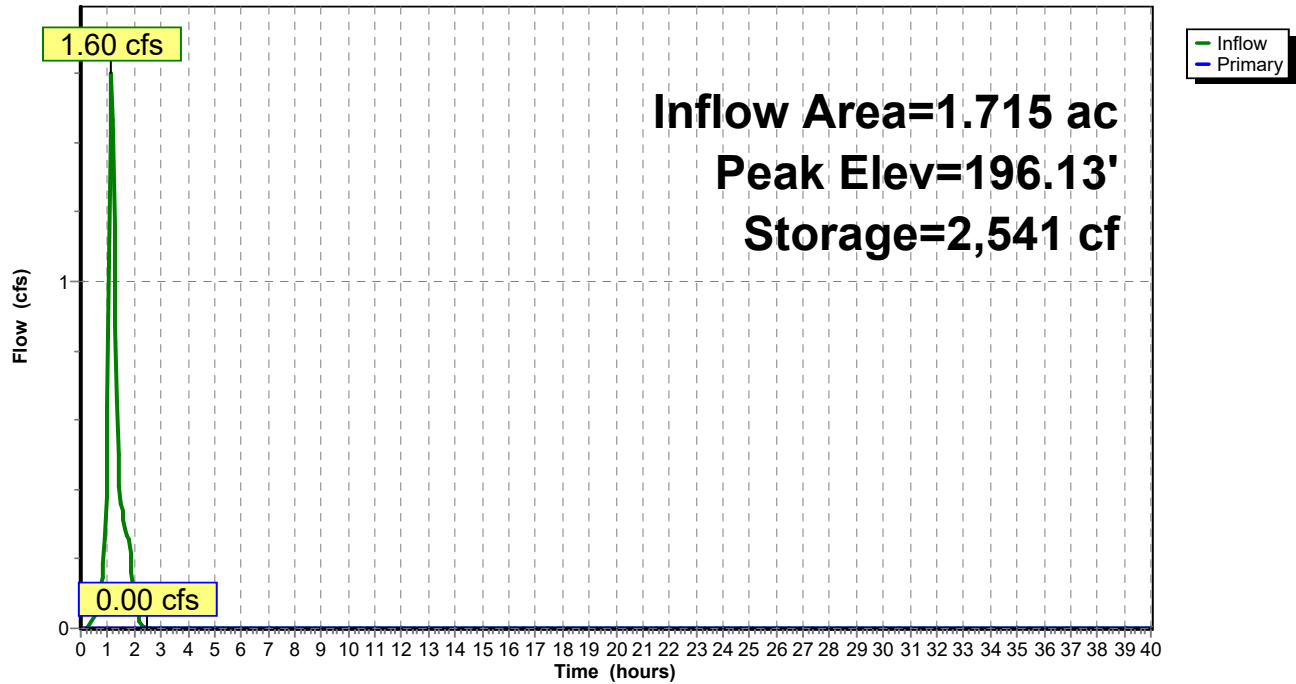
1=Culvert (Passes 0.00 cfs of 8.86 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.20 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.03	5	195.00	0.00
0.60	0.06	20	195.01	0.00
0.70	0.11	51	195.03	0.00
0.80	0.15	96	195.05	0.00
0.90	0.26	165	195.09	0.00
1.00	0.63	314	195.16	0.00
1.10	1.42	686	195.34	0.00
1.20	1.47	1,234	195.59	0.00
1.30	0.88	1,653	195.77	0.00
1.40	0.50	1,896	195.87	0.00
1.50	0.36	2,047	195.94	0.00
1.60	0.31	2,168	195.99	0.00
1.70	0.27	2,272	196.03	0.00
1.80	0.25	2,366	196.06	0.00
1.90	0.16	2,442	196.09	0.00
2.00	0.10	2,489	196.11	0.00
2.10	0.07	2,521	196.13	0.00
2.20	0.02	2,537	196.13	0.00
2.30	0.00	2,540	196.13	0.00
2.40	0.00	2,541	196.13	0.00
2.50	0.00	2,541	196.13	0.00
2.60	0.00	2,541	196.13	0.00
2.70	0.00	2,541	196.13	0.00
2.80	0.00	2,541	196.13	0.00
2.90	0.00	2,541	196.13	0.00
3.00	0.00	2,541	196.13	0.00
3.10	0.00	2,541	196.13	0.00
3.20	0.00	2,541	196.13	0.00
3.30	0.00	2,541	196.13	0.00
3.40	0.00	2,541	196.13	0.00
3.50	0.00	2,540	196.13	0.00
3.60	0.00	2,540	196.13	0.00
3.70	0.00	2,540	196.13	0.00
3.80	0.00	2,540	196.13	0.00
3.90	0.00	2,540	196.13	0.00
4.00	0.00	2,540	196.13	0.00
4.10	0.00	2,540	196.13	0.00
4.20	0.00	2,540	196.13	0.00
4.30	0.00	2,540	196.13	0.00
4.40	0.00	2,540	196.13	0.00
4.50	0.00	2,540	196.13	0.00
4.60	0.00	2,540	196.13	0.00
4.70	0.00	2,540	196.13	0.00
4.80	0.00	2,540	196.13	0.00
4.90	0.00	2,540	196.13	0.00
5.00	0.00	2,539	196.13	0.00
5.10	0.00	2,539	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	2,539	196.13	0.00
5.30	0.00	2,539	196.13	0.00
5.40	0.00	2,539	196.13	0.00
5.50	0.00	2,539	196.13	0.00
5.60	0.00	2,539	196.13	0.00
5.70	0.00	2,539	196.13	0.00
5.80	0.00	2,539	196.13	0.00
5.90	0.00	2,539	196.13	0.00
6.00	0.00	2,539	196.13	0.00
6.10	0.00	2,539	196.13	0.00
6.20	0.00	2,539	196.13	0.00
6.30	0.00	2,539	196.13	0.00
6.40	0.00	2,539	196.13	0.00
6.50	0.00	2,539	196.13	0.00
6.60	0.00	2,539	196.13	0.00
6.70	0.00	2,538	196.13	0.00
6.80	0.00	2,538	196.13	0.00
6.90	0.00	2,538	196.13	0.00
7.00	0.00	2,538	196.13	0.00
7.10	0.00	2,538	196.13	0.00
7.20	0.00	2,538	196.13	0.00
7.30	0.00	2,538	196.13	0.00
7.40	0.00	2,538	196.13	0.00
7.50	0.00	2,538	196.13	0.00
7.60	0.00	2,538	196.13	0.00
7.70	0.00	2,538	196.13	0.00
7.80	0.00	2,538	196.13	0.00
7.90	0.00	2,538	196.13	0.00
8.00	0.00	2,538	196.13	0.00
8.10	0.00	2,538	196.13	0.00
8.20	0.00	2,538	196.13	0.00
8.30	0.00	2,538	196.13	0.00
8.40	0.00	2,538	196.13	0.00
8.50	0.00	2,538	196.13	0.00
8.60	0.00	2,538	196.13	0.00
8.70	0.00	2,537	196.13	0.00
8.80	0.00	2,537	196.13	0.00
8.90	0.00	2,537	196.13	0.00
9.00	0.00	2,537	196.13	0.00
9.10	0.00	2,537	196.13	0.00
9.20	0.00	2,537	196.13	0.00
9.30	0.00	2,537	196.13	0.00
9.40	0.00	2,537	196.13	0.00
9.50	0.00	2,537	196.13	0.00
9.60	0.00	2,537	196.13	0.00
9.70	0.00	2,537	196.13	0.00
9.80	0.00	2,537	196.13	0.00
9.90	0.00	2,537	196.13	0.00
10.00	0.00	2,537	196.13	0.00
10.10	0.00	2,537	196.13	0.00
10.20	0.00	2,537	196.13	0.00
10.30	0.00	2,537	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	2,537	196.13	0.00
10.50	0.00	2,537	196.13	0.00
10.60	0.00	2,537	196.13	0.00
10.70	0.00	2,537	196.13	0.00
10.80	0.00	2,537	196.13	0.00
10.90	0.00	2,537	196.13	0.00
11.00	0.00	2,537	196.13	0.00
11.10	0.00	2,537	196.13	0.00
11.20	0.00	2,536	196.13	0.00
11.30	0.00	2,536	196.13	0.00
11.40	0.00	2,536	196.13	0.00
11.50	0.00	2,536	196.13	0.00
11.60	0.00	2,536	196.13	0.00
11.70	0.00	2,536	196.13	0.00
11.80	0.00	2,536	196.13	0.00
11.90	0.00	2,536	196.13	0.00
12.00	0.00	2,536	196.13	0.00
12.10	0.00	2,536	196.13	0.00
12.20	0.00	2,536	196.13	0.00
12.30	0.00	2,536	196.13	0.00
12.40	0.00	2,536	196.13	0.00
12.50	0.00	2,536	196.13	0.00
12.60	0.00	2,536	196.13	0.00
12.70	0.00	2,536	196.13	0.00
12.80	0.00	2,536	196.13	0.00
12.90	0.00	2,536	196.13	0.00
13.00	0.00	2,536	196.13	0.00
13.10	0.00	2,536	196.13	0.00
13.20	0.00	2,536	196.13	0.00
13.30	0.00	2,536	196.13	0.00
13.40	0.00	2,536	196.13	0.00
13.50	0.00	2,536	196.13	0.00
13.60	0.00	2,536	196.13	0.00
13.70	0.00	2,536	196.13	0.00
13.80	0.00	2,536	196.13	0.00
13.90	0.00	2,536	196.13	0.00
14.00	0.00	2,536	196.13	0.00
14.10	0.00	2,536	196.13	0.00
14.20	0.00	2,535	196.13	0.00
14.30	0.00	2,535	196.13	0.00
14.40	0.00	2,535	196.13	0.00
14.50	0.00	2,535	196.13	0.00
14.60	0.00	2,535	196.13	0.00
14.70	0.00	2,535	196.13	0.00
14.80	0.00	2,535	196.13	0.00
14.90	0.00	2,535	196.13	0.00
15.00	0.00	2,535	196.13	0.00
15.10	0.00	2,535	196.13	0.00
15.20	0.00	2,535	196.13	0.00
15.30	0.00	2,535	196.13	0.00
15.40	0.00	2,535	196.13	0.00
15.50	0.00	2,535	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	2,535	196.13	0.00
15.70	0.00	2,535	196.13	0.00
15.80	0.00	2,535	196.13	0.00
15.90	0.00	2,535	196.13	0.00
16.00	0.00	2,535	196.13	0.00
16.10	0.00	2,535	196.13	0.00
16.20	0.00	2,535	196.13	0.00
16.30	0.00	2,535	196.13	0.00
16.40	0.00	2,535	196.13	0.00
16.50	0.00	2,535	196.13	0.00
16.60	0.00	2,535	196.13	0.00
16.70	0.00	2,535	196.13	0.00
16.80	0.00	2,535	196.13	0.00
16.90	0.00	2,535	196.13	0.00
17.00	0.00	2,535	196.13	0.00
17.10	0.00	2,535	196.13	0.00
17.20	0.00	2,535	196.13	0.00
17.30	0.00	2,535	196.13	0.00
17.40	0.00	2,535	196.13	0.00
17.50	0.00	2,535	196.13	0.00
17.60	0.00	2,535	196.13	0.00
17.70	0.00	2,535	196.13	0.00
17.80	0.00	2,535	196.13	0.00
17.90	0.00	2,535	196.13	0.00
18.00	0.00	2,535	196.13	0.00
18.10	0.00	2,535	196.13	0.00
18.20	0.00	2,535	196.13	0.00
18.30	0.00	2,534	196.13	0.00
18.40	0.00	2,534	196.13	0.00
18.50	0.00	2,534	196.13	0.00
18.60	0.00	2,534	196.13	0.00
18.70	0.00	2,534	196.13	0.00
18.80	0.00	2,534	196.13	0.00
18.90	0.00	2,534	196.13	0.00
19.00	0.00	2,534	196.13	0.00
19.10	0.00	2,534	196.13	0.00
19.20	0.00	2,534	196.13	0.00
19.30	0.00	2,534	196.13	0.00
19.40	0.00	2,534	196.13	0.00
19.50	0.00	2,534	196.13	0.00
19.60	0.00	2,534	196.13	0.00
19.70	0.00	2,534	196.13	0.00
19.80	0.00	2,534	196.13	0.00
19.90	0.00	2,534	196.13	0.00
20.00	0.00	2,534	196.13	0.00
20.10	0.00	2,534	196.13	0.00
20.20	0.00	2,534	196.13	0.00
20.30	0.00	2,534	196.13	0.00
20.40	0.00	2,534	196.13	0.00
20.50	0.00	2,534	196.13	0.00
20.60	0.00	2,534	196.13	0.00
20.70	0.00	2,534	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	2,534	196.13	0.00
20.90	0.00	2,534	196.13	0.00
21.00	0.00	2,534	196.13	0.00
21.10	0.00	2,534	196.13	0.00
21.20	0.00	2,534	196.13	0.00
21.30	0.00	2,534	196.13	0.00
21.40	0.00	2,534	196.13	0.00
21.50	0.00	2,534	196.13	0.00
21.60	0.00	2,534	196.13	0.00
21.70	0.00	2,534	196.13	0.00
21.80	0.00	2,534	196.13	0.00
21.90	0.00	2,534	196.13	0.00
22.00	0.00	2,534	196.13	0.00
22.10	0.00	2,534	196.13	0.00
22.20	0.00	2,534	196.13	0.00
22.30	0.00	2,534	196.13	0.00
22.40	0.00	2,534	196.13	0.00
22.50	0.00	2,534	196.13	0.00
22.60	0.00	2,534	196.13	0.00
22.70	0.00	2,534	196.13	0.00
22.80	0.00	2,534	196.13	0.00
22.90	0.00	2,534	196.13	0.00
23.00	0.00	2,534	196.13	0.00
23.10	0.00	2,534	196.13	0.00
23.20	0.00	2,534	196.13	0.00
23.30	0.00	2,534	196.13	0.00
23.40	0.00	2,534	196.13	0.00
23.50	0.00	2,534	196.13	0.00
23.60	0.00	2,534	196.13	0.00
23.70	0.00	2,534	196.13	0.00
23.80	0.00	2,534	196.13	0.00
23.90	0.00	2,534	196.13	0.00
24.00	0.00	2,534	196.13	0.00
24.10	0.00	2,534	196.13	0.00
24.20	0.00	2,534	196.13	0.00
24.30	0.00	2,534	196.13	0.00
24.40	0.00	2,534	196.13	0.00
24.50	0.00	2,533	196.13	0.00
24.60	0.00	2,533	196.13	0.00
24.70	0.00	2,533	196.13	0.00
24.80	0.00	2,533	196.13	0.00
24.90	0.00	2,533	196.13	0.00
25.00	0.00	2,533	196.13	0.00
25.10	0.00	2,533	196.13	0.00
25.20	0.00	2,533	196.13	0.00
25.30	0.00	2,533	196.13	0.00
25.40	0.00	2,533	196.13	0.00
25.50	0.00	2,533	196.13	0.00
25.60	0.00	2,533	196.13	0.00
25.70	0.00	2,533	196.13	0.00
25.80	0.00	2,533	196.13	0.00
25.90	0.00	2,533	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,533	196.13	0.00
26.10	0.00	2,533	196.13	0.00
26.20	0.00	2,533	196.13	0.00
26.30	0.00	2,533	196.13	0.00
26.40	0.00	2,533	196.13	0.00
26.50	0.00	2,533	196.13	0.00
26.60	0.00	2,533	196.13	0.00
26.70	0.00	2,533	196.13	0.00
26.80	0.00	2,533	196.13	0.00
26.90	0.00	2,533	196.13	0.00
27.00	0.00	2,533	196.13	0.00
27.10	0.00	2,533	196.13	0.00
27.20	0.00	2,533	196.13	0.00
27.30	0.00	2,533	196.13	0.00
27.40	0.00	2,533	196.13	0.00
27.50	0.00	2,533	196.13	0.00
27.60	0.00	2,533	196.13	0.00
27.70	0.00	2,533	196.13	0.00
27.80	0.00	2,533	196.13	0.00
27.90	0.00	2,533	196.13	0.00
28.00	0.00	2,533	196.13	0.00
28.10	0.00	2,533	196.13	0.00
28.20	0.00	2,533	196.13	0.00
28.30	0.00	2,533	196.13	0.00
28.40	0.00	2,533	196.13	0.00
28.50	0.00	2,533	196.13	0.00
28.60	0.00	2,533	196.13	0.00
28.70	0.00	2,533	196.13	0.00
28.80	0.00	2,533	196.13	0.00
28.90	0.00	2,533	196.13	0.00
29.00	0.00	2,533	196.13	0.00
29.10	0.00	2,533	196.13	0.00
29.20	0.00	2,533	196.13	0.00
29.30	0.00	2,533	196.13	0.00
29.40	0.00	2,533	196.13	0.00
29.50	0.00	2,533	196.13	0.00
29.60	0.00	2,533	196.13	0.00
29.70	0.00	2,533	196.13	0.00
29.80	0.00	2,533	196.13	0.00
29.90	0.00	2,533	196.13	0.00
30.00	0.00	2,533	196.13	0.00
30.10	0.00	2,533	196.13	0.00
30.20	0.00	2,533	196.13	0.00
30.30	0.00	2,533	196.13	0.00
30.40	0.00	2,533	196.13	0.00
30.50	0.00	2,533	196.13	0.00
30.60	0.00	2,533	196.13	0.00
30.70	0.00	2,533	196.13	0.00
30.80	0.00	2,533	196.13	0.00
30.90	0.00	2,533	196.13	0.00
31.00	0.00	2,533	196.13	0.00
31.10	0.00	2,533	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,533	196.13	0.00
31.30	0.00	2,533	196.13	0.00
31.40	0.00	2,533	196.13	0.00
31.50	0.00	2,533	196.13	0.00
31.60	0.00	2,533	196.13	0.00
31.70	0.00	2,533	196.13	0.00
31.80	0.00	2,533	196.13	0.00
31.90	0.00	2,533	196.13	0.00
32.00	0.00	2,533	196.13	0.00
32.10	0.00	2,533	196.13	0.00
32.20	0.00	2,533	196.13	0.00
32.30	0.00	2,533	196.13	0.00
32.40	0.00	2,533	196.13	0.00
32.50	0.00	2,533	196.13	0.00
32.60	0.00	2,533	196.13	0.00
32.70	0.00	2,533	196.13	0.00
32.80	0.00	2,533	196.13	0.00
32.90	0.00	2,533	196.13	0.00
33.00	0.00	2,533	196.13	0.00
33.10	0.00	2,533	196.13	0.00
33.20	0.00	2,533	196.13	0.00
33.30	0.00	2,533	196.13	0.00
33.40	0.00	2,533	196.13	0.00
33.50	0.00	2,533	196.13	0.00
33.60	0.00	2,533	196.13	0.00
33.70	0.00	2,533	196.13	0.00
33.80	0.00	2,533	196.13	0.00
33.90	0.00	2,533	196.13	0.00
34.00	0.00	2,533	196.13	0.00
34.10	0.00	2,533	196.13	0.00
34.20	0.00	2,533	196.13	0.00
34.30	0.00	2,533	196.13	0.00
34.40	0.00	2,533	196.13	0.00
34.50	0.00	2,533	196.13	0.00
34.60	0.00	2,533	196.13	0.00
34.70	0.00	2,533	196.13	0.00
34.80	0.00	2,533	196.13	0.00
34.90	0.00	2,533	196.13	0.00
35.00	0.00	2,533	196.13	0.00
35.10	0.00	2,533	196.13	0.00
35.20	0.00	2,533	196.13	0.00
35.30	0.00	2,533	196.13	0.00
35.40	0.00	2,533	196.13	0.00
35.50	0.00	2,533	196.13	0.00
35.60	0.00	2,533	196.13	0.00
35.70	0.00	2,533	196.13	0.00
35.80	0.00	2,533	196.13	0.00
35.90	0.00	2,533	196.13	0.00
36.00	0.00	2,533	196.13	0.00
36.10	0.00	2,533	196.13	0.00
36.20	0.00	2,533	196.13	0.00
36.30	0.00	2,533	196.13	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,533	196.13	0.00
36.50	0.00	2,533	196.13	0.00
36.60	0.00	2,533	196.13	0.00
36.70	0.00	2,533	196.13	0.00
36.80	0.00	2,533	196.13	0.00
36.90	0.00	2,533	196.13	0.00
37.00	0.00	2,533	196.13	0.00
37.10	0.00	2,533	196.13	0.00
37.20	0.00	2,533	196.13	0.00
37.30	0.00	2,533	196.13	0.00
37.40	0.00	2,533	196.13	0.00
37.50	0.00	2,533	196.13	0.00
37.60	0.00	2,533	196.13	0.00
37.70	0.00	2,533	196.13	0.00
37.80	0.00	2,533	196.13	0.00
37.90	0.00	2,533	196.13	0.00
38.00	0.00	2,532	196.13	0.00
38.10	0.00	2,532	196.13	0.00
38.20	0.00	2,532	196.13	0.00
38.30	0.00	2,532	196.13	0.00
38.40	0.00	2,532	196.13	0.00
38.50	0.00	2,532	196.13	0.00
38.60	0.00	2,532	196.13	0.00
38.70	0.00	2,532	196.13	0.00
38.80	0.00	2,532	196.13	0.00
38.90	0.00	2,532	196.13	0.00
39.00	0.00	2,532	196.13	0.00
39.10	0.00	2,532	196.13	0.00
39.20	0.00	2,532	196.13	0.00
39.30	0.00	2,532	196.13	0.00
39.40	0.00	2,532	196.13	0.00
39.50	0.00	2,532	196.13	0.00
39.60	0.00	2,532	196.13	0.00
39.70	0.00	2,532	196.13	0.00
39.80	0.00	2,532	196.13	0.00
39.90	0.00	2,532	196.13	0.00
40.00	0.00	2,532	196.13	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 0.52" for WQ Storm event
 Inflow = 2.99 cfs @ 1.15 hrs, Volume= 0.106 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 151.74' @ 2.60 hrs Surf.Area= 6,503 sf Storage= 4,598 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

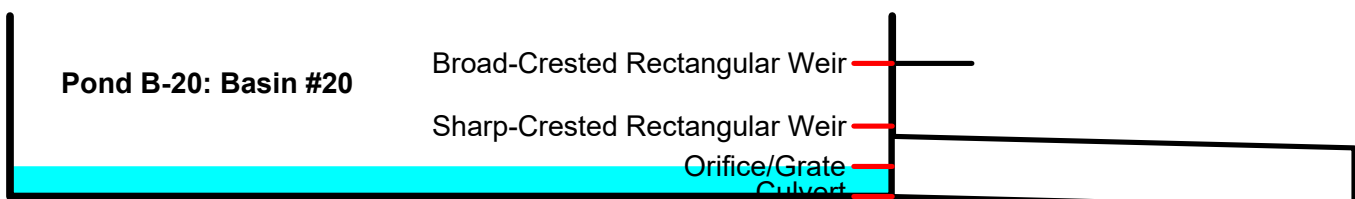
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

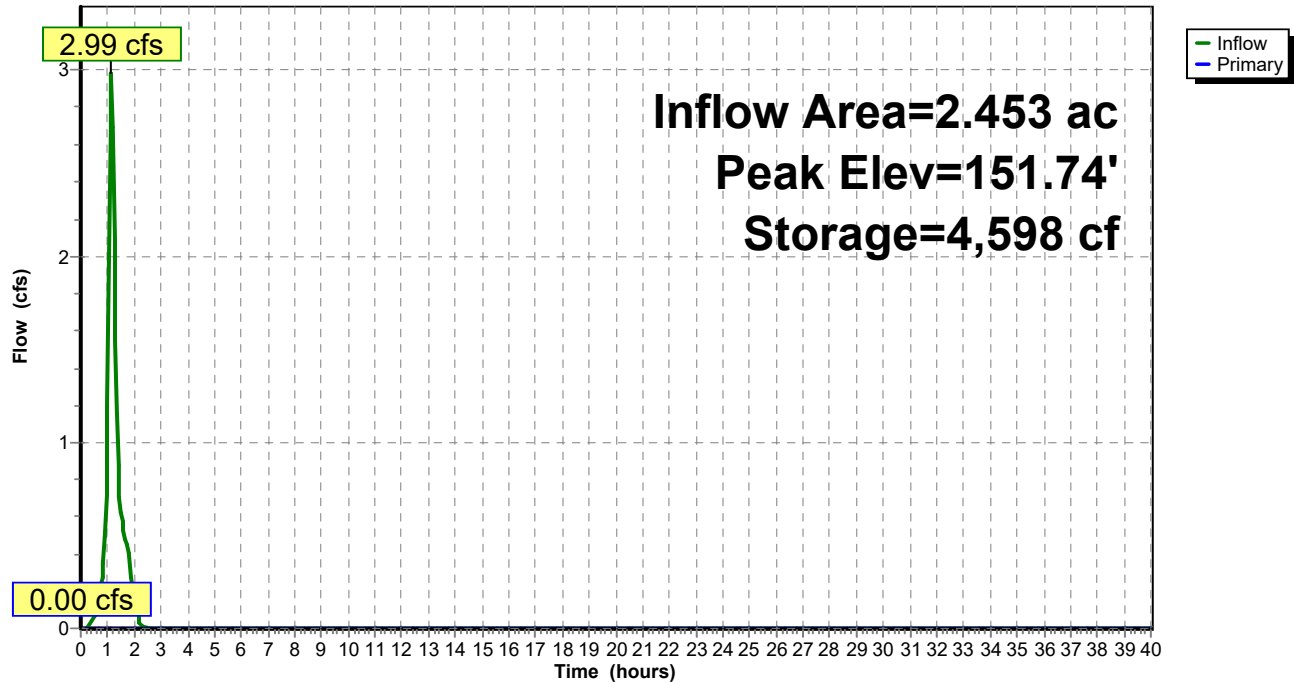
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=151.00' (Free Discharge)

- 1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-20: Basin #20**Hydrograph**

Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.01	1	151.00	0.00
0.50	0.05	9	151.00	0.00
0.60	0.12	38	151.01	0.00
0.70	0.20	96	151.02	0.00
0.80	0.27	182	151.03	0.00
0.90	0.49	313	151.05	0.00
1.00	1.19	593	151.10	0.00
1.10	2.68	1,297	151.22	0.00
1.20	2.69	2,317	151.38	0.00
1.30	1.56	3,077	151.50	0.00
1.40	0.87	3,504	151.57	0.00
1.50	0.62	3,764	151.61	0.00
1.60	0.53	3,971	151.64	0.00
1.70	0.45	4,147	151.67	0.00
1.80	0.42	4,305	151.69	0.00
1.90	0.27	4,433	151.71	0.00
2.00	0.17	4,510	151.73	0.00
2.10	0.12	4,564	151.73	0.00
2.20	0.03	4,590	151.74	0.00
2.30	0.01	4,596	151.74	0.00
2.40	0.00	4,598	151.74	0.00
2.50	0.00	4,598	151.74	0.00
2.60	0.00	4,598	151.74	0.00
2.70	0.00	4,598	151.74	0.00
2.80	0.00	4,598	151.74	0.00
2.90	0.00	4,598	151.74	0.00
3.00	0.00	4,598	151.74	0.00
3.10	0.00	4,598	151.74	0.00
3.20	0.00	4,598	151.74	0.00
3.30	0.00	4,598	151.74	0.00
3.40	0.00	4,598	151.74	0.00
3.50	0.00	4,598	151.74	0.00
3.60	0.00	4,598	151.74	0.00
3.70	0.00	4,598	151.74	0.00
3.80	0.00	4,598	151.74	0.00
3.90	0.00	4,598	151.74	0.00
4.00	0.00	4,598	151.74	0.00
4.10	0.00	4,598	151.74	0.00
4.20	0.00	4,598	151.74	0.00
4.30	0.00	4,598	151.74	0.00
4.40	0.00	4,598	151.74	0.00
4.50	0.00	4,598	151.74	0.00
4.60	0.00	4,598	151.74	0.00
4.70	0.00	4,598	151.74	0.00
4.80	0.00	4,598	151.74	0.00
4.90	0.00	4,598	151.74	0.00
5.00	0.00	4,598	151.74	0.00
5.10	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,598	151.74	0.00
5.30	0.00	4,598	151.74	0.00
5.40	0.00	4,598	151.74	0.00
5.50	0.00	4,598	151.74	0.00
5.60	0.00	4,598	151.74	0.00
5.70	0.00	4,598	151.74	0.00
5.80	0.00	4,598	151.74	0.00
5.90	0.00	4,598	151.74	0.00
6.00	0.00	4,598	151.74	0.00
6.10	0.00	4,598	151.74	0.00
6.20	0.00	4,598	151.74	0.00
6.30	0.00	4,598	151.74	0.00
6.40	0.00	4,598	151.74	0.00
6.50	0.00	4,598	151.74	0.00
6.60	0.00	4,598	151.74	0.00
6.70	0.00	4,598	151.74	0.00
6.80	0.00	4,598	151.74	0.00
6.90	0.00	4,598	151.74	0.00
7.00	0.00	4,598	151.74	0.00
7.10	0.00	4,598	151.74	0.00
7.20	0.00	4,598	151.74	0.00
7.30	0.00	4,598	151.74	0.00
7.40	0.00	4,598	151.74	0.00
7.50	0.00	4,598	151.74	0.00
7.60	0.00	4,598	151.74	0.00
7.70	0.00	4,598	151.74	0.00
7.80	0.00	4,598	151.74	0.00
7.90	0.00	4,598	151.74	0.00
8.00	0.00	4,598	151.74	0.00
8.10	0.00	4,598	151.74	0.00
8.20	0.00	4,598	151.74	0.00
8.30	0.00	4,598	151.74	0.00
8.40	0.00	4,598	151.74	0.00
8.50	0.00	4,598	151.74	0.00
8.60	0.00	4,598	151.74	0.00
8.70	0.00	4,598	151.74	0.00
8.80	0.00	4,598	151.74	0.00
8.90	0.00	4,598	151.74	0.00
9.00	0.00	4,598	151.74	0.00
9.10	0.00	4,598	151.74	0.00
9.20	0.00	4,598	151.74	0.00
9.30	0.00	4,598	151.74	0.00
9.40	0.00	4,598	151.74	0.00
9.50	0.00	4,598	151.74	0.00
9.60	0.00	4,598	151.74	0.00
9.70	0.00	4,598	151.74	0.00
9.80	0.00	4,598	151.74	0.00
9.90	0.00	4,598	151.74	0.00
10.00	0.00	4,598	151.74	0.00
10.10	0.00	4,598	151.74	0.00
10.20	0.00	4,598	151.74	0.00
10.30	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,598	151.74	0.00
10.50	0.00	4,598	151.74	0.00
10.60	0.00	4,598	151.74	0.00
10.70	0.00	4,598	151.74	0.00
10.80	0.00	4,598	151.74	0.00
10.90	0.00	4,598	151.74	0.00
11.00	0.00	4,598	151.74	0.00
11.10	0.00	4,598	151.74	0.00
11.20	0.00	4,598	151.74	0.00
11.30	0.00	4,598	151.74	0.00
11.40	0.00	4,598	151.74	0.00
11.50	0.00	4,598	151.74	0.00
11.60	0.00	4,598	151.74	0.00
11.70	0.00	4,598	151.74	0.00
11.80	0.00	4,598	151.74	0.00
11.90	0.00	4,598	151.74	0.00
12.00	0.00	4,598	151.74	0.00
12.10	0.00	4,598	151.74	0.00
12.20	0.00	4,598	151.74	0.00
12.30	0.00	4,598	151.74	0.00
12.40	0.00	4,598	151.74	0.00
12.50	0.00	4,598	151.74	0.00
12.60	0.00	4,598	151.74	0.00
12.70	0.00	4,598	151.74	0.00
12.80	0.00	4,598	151.74	0.00
12.90	0.00	4,598	151.74	0.00
13.00	0.00	4,598	151.74	0.00
13.10	0.00	4,598	151.74	0.00
13.20	0.00	4,598	151.74	0.00
13.30	0.00	4,598	151.74	0.00
13.40	0.00	4,598	151.74	0.00
13.50	0.00	4,598	151.74	0.00
13.60	0.00	4,598	151.74	0.00
13.70	0.00	4,598	151.74	0.00
13.80	0.00	4,598	151.74	0.00
13.90	0.00	4,598	151.74	0.00
14.00	0.00	4,598	151.74	0.00
14.10	0.00	4,598	151.74	0.00
14.20	0.00	4,598	151.74	0.00
14.30	0.00	4,598	151.74	0.00
14.40	0.00	4,598	151.74	0.00
14.50	0.00	4,598	151.74	0.00
14.60	0.00	4,598	151.74	0.00
14.70	0.00	4,598	151.74	0.00
14.80	0.00	4,598	151.74	0.00
14.90	0.00	4,598	151.74	0.00
15.00	0.00	4,598	151.74	0.00
15.10	0.00	4,598	151.74	0.00
15.20	0.00	4,598	151.74	0.00
15.30	0.00	4,598	151.74	0.00
15.40	0.00	4,598	151.74	0.00
15.50	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,598	151.74	0.00
15.70	0.00	4,598	151.74	0.00
15.80	0.00	4,598	151.74	0.00
15.90	0.00	4,598	151.74	0.00
16.00	0.00	4,598	151.74	0.00
16.10	0.00	4,598	151.74	0.00
16.20	0.00	4,598	151.74	0.00
16.30	0.00	4,598	151.74	0.00
16.40	0.00	4,598	151.74	0.00
16.50	0.00	4,598	151.74	0.00
16.60	0.00	4,598	151.74	0.00
16.70	0.00	4,598	151.74	0.00
16.80	0.00	4,598	151.74	0.00
16.90	0.00	4,598	151.74	0.00
17.00	0.00	4,598	151.74	0.00
17.10	0.00	4,598	151.74	0.00
17.20	0.00	4,598	151.74	0.00
17.30	0.00	4,598	151.74	0.00
17.40	0.00	4,598	151.74	0.00
17.50	0.00	4,598	151.74	0.00
17.60	0.00	4,598	151.74	0.00
17.70	0.00	4,598	151.74	0.00
17.80	0.00	4,598	151.74	0.00
17.90	0.00	4,598	151.74	0.00
18.00	0.00	4,598	151.74	0.00
18.10	0.00	4,598	151.74	0.00
18.20	0.00	4,598	151.74	0.00
18.30	0.00	4,598	151.74	0.00
18.40	0.00	4,598	151.74	0.00
18.50	0.00	4,598	151.74	0.00
18.60	0.00	4,598	151.74	0.00
18.70	0.00	4,598	151.74	0.00
18.80	0.00	4,598	151.74	0.00
18.90	0.00	4,598	151.74	0.00
19.00	0.00	4,598	151.74	0.00
19.10	0.00	4,598	151.74	0.00
19.20	0.00	4,598	151.74	0.00
19.30	0.00	4,598	151.74	0.00
19.40	0.00	4,598	151.74	0.00
19.50	0.00	4,598	151.74	0.00
19.60	0.00	4,598	151.74	0.00
19.70	0.00	4,598	151.74	0.00
19.80	0.00	4,598	151.74	0.00
19.90	0.00	4,598	151.74	0.00
20.00	0.00	4,598	151.74	0.00
20.10	0.00	4,598	151.74	0.00
20.20	0.00	4,598	151.74	0.00
20.30	0.00	4,598	151.74	0.00
20.40	0.00	4,598	151.74	0.00
20.50	0.00	4,598	151.74	0.00
20.60	0.00	4,598	151.74	0.00
20.70	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,598	151.74	0.00
20.90	0.00	4,598	151.74	0.00
21.00	0.00	4,598	151.74	0.00
21.10	0.00	4,598	151.74	0.00
21.20	0.00	4,598	151.74	0.00
21.30	0.00	4,598	151.74	0.00
21.40	0.00	4,598	151.74	0.00
21.50	0.00	4,598	151.74	0.00
21.60	0.00	4,598	151.74	0.00
21.70	0.00	4,598	151.74	0.00
21.80	0.00	4,598	151.74	0.00
21.90	0.00	4,598	151.74	0.00
22.00	0.00	4,598	151.74	0.00
22.10	0.00	4,598	151.74	0.00
22.20	0.00	4,598	151.74	0.00
22.30	0.00	4,598	151.74	0.00
22.40	0.00	4,598	151.74	0.00
22.50	0.00	4,598	151.74	0.00
22.60	0.00	4,598	151.74	0.00
22.70	0.00	4,598	151.74	0.00
22.80	0.00	4,598	151.74	0.00
22.90	0.00	4,598	151.74	0.00
23.00	0.00	4,598	151.74	0.00
23.10	0.00	4,598	151.74	0.00
23.20	0.00	4,598	151.74	0.00
23.30	0.00	4,598	151.74	0.00
23.40	0.00	4,598	151.74	0.00
23.50	0.00	4,598	151.74	0.00
23.60	0.00	4,598	151.74	0.00
23.70	0.00	4,598	151.74	0.00
23.80	0.00	4,598	151.74	0.00
23.90	0.00	4,598	151.74	0.00
24.00	0.00	4,598	151.74	0.00
24.10	0.00	4,598	151.74	0.00
24.20	0.00	4,598	151.74	0.00
24.30	0.00	4,598	151.74	0.00
24.40	0.00	4,598	151.74	0.00
24.50	0.00	4,598	151.74	0.00
24.60	0.00	4,598	151.74	0.00
24.70	0.00	4,598	151.74	0.00
24.80	0.00	4,598	151.74	0.00
24.90	0.00	4,598	151.74	0.00
25.00	0.00	4,598	151.74	0.00
25.10	0.00	4,598	151.74	0.00
25.20	0.00	4,598	151.74	0.00
25.30	0.00	4,598	151.74	0.00
25.40	0.00	4,598	151.74	0.00
25.50	0.00	4,598	151.74	0.00
25.60	0.00	4,598	151.74	0.00
25.70	0.00	4,598	151.74	0.00
25.80	0.00	4,598	151.74	0.00
25.90	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,598	151.74	0.00
26.10	0.00	4,598	151.74	0.00
26.20	0.00	4,598	151.74	0.00
26.30	0.00	4,598	151.74	0.00
26.40	0.00	4,598	151.74	0.00
26.50	0.00	4,598	151.74	0.00
26.60	0.00	4,598	151.74	0.00
26.70	0.00	4,598	151.74	0.00
26.80	0.00	4,598	151.74	0.00
26.90	0.00	4,598	151.74	0.00
27.00	0.00	4,598	151.74	0.00
27.10	0.00	4,598	151.74	0.00
27.20	0.00	4,598	151.74	0.00
27.30	0.00	4,598	151.74	0.00
27.40	0.00	4,598	151.74	0.00
27.50	0.00	4,598	151.74	0.00
27.60	0.00	4,598	151.74	0.00
27.70	0.00	4,598	151.74	0.00
27.80	0.00	4,598	151.74	0.00
27.90	0.00	4,598	151.74	0.00
28.00	0.00	4,598	151.74	0.00
28.10	0.00	4,598	151.74	0.00
28.20	0.00	4,598	151.74	0.00
28.30	0.00	4,598	151.74	0.00
28.40	0.00	4,598	151.74	0.00
28.50	0.00	4,598	151.74	0.00
28.60	0.00	4,598	151.74	0.00
28.70	0.00	4,598	151.74	0.00
28.80	0.00	4,598	151.74	0.00
28.90	0.00	4,598	151.74	0.00
29.00	0.00	4,598	151.74	0.00
29.10	0.00	4,598	151.74	0.00
29.20	0.00	4,598	151.74	0.00
29.30	0.00	4,598	151.74	0.00
29.40	0.00	4,598	151.74	0.00
29.50	0.00	4,598	151.74	0.00
29.60	0.00	4,598	151.74	0.00
29.70	0.00	4,598	151.74	0.00
29.80	0.00	4,598	151.74	0.00
29.90	0.00	4,598	151.74	0.00
30.00	0.00	4,598	151.74	0.00
30.10	0.00	4,598	151.74	0.00
30.20	0.00	4,598	151.74	0.00
30.30	0.00	4,598	151.74	0.00
30.40	0.00	4,598	151.74	0.00
30.50	0.00	4,598	151.74	0.00
30.60	0.00	4,598	151.74	0.00
30.70	0.00	4,598	151.74	0.00
30.80	0.00	4,598	151.74	0.00
30.90	0.00	4,598	151.74	0.00
31.00	0.00	4,598	151.74	0.00
31.10	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,598	151.74	0.00
31.30	0.00	4,598	151.74	0.00
31.40	0.00	4,598	151.74	0.00
31.50	0.00	4,598	151.74	0.00
31.60	0.00	4,598	151.74	0.00
31.70	0.00	4,598	151.74	0.00
31.80	0.00	4,598	151.74	0.00
31.90	0.00	4,598	151.74	0.00
32.00	0.00	4,598	151.74	0.00
32.10	0.00	4,598	151.74	0.00
32.20	0.00	4,598	151.74	0.00
32.30	0.00	4,598	151.74	0.00
32.40	0.00	4,598	151.74	0.00
32.50	0.00	4,598	151.74	0.00
32.60	0.00	4,598	151.74	0.00
32.70	0.00	4,598	151.74	0.00
32.80	0.00	4,598	151.74	0.00
32.90	0.00	4,598	151.74	0.00
33.00	0.00	4,598	151.74	0.00
33.10	0.00	4,598	151.74	0.00
33.20	0.00	4,598	151.74	0.00
33.30	0.00	4,598	151.74	0.00
33.40	0.00	4,598	151.74	0.00
33.50	0.00	4,598	151.74	0.00
33.60	0.00	4,598	151.74	0.00
33.70	0.00	4,598	151.74	0.00
33.80	0.00	4,598	151.74	0.00
33.90	0.00	4,598	151.74	0.00
34.00	0.00	4,598	151.74	0.00
34.10	0.00	4,598	151.74	0.00
34.20	0.00	4,598	151.74	0.00
34.30	0.00	4,598	151.74	0.00
34.40	0.00	4,598	151.74	0.00
34.50	0.00	4,598	151.74	0.00
34.60	0.00	4,598	151.74	0.00
34.70	0.00	4,598	151.74	0.00
34.80	0.00	4,598	151.74	0.00
34.90	0.00	4,598	151.74	0.00
35.00	0.00	4,598	151.74	0.00
35.10	0.00	4,598	151.74	0.00
35.20	0.00	4,598	151.74	0.00
35.30	0.00	4,598	151.74	0.00
35.40	0.00	4,598	151.74	0.00
35.50	0.00	4,598	151.74	0.00
35.60	0.00	4,598	151.74	0.00
35.70	0.00	4,598	151.74	0.00
35.80	0.00	4,598	151.74	0.00
35.90	0.00	4,598	151.74	0.00
36.00	0.00	4,598	151.74	0.00
36.10	0.00	4,598	151.74	0.00
36.20	0.00	4,598	151.74	0.00
36.30	0.00	4,598	151.74	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,598	151.74	0.00
36.50	0.00	4,598	151.74	0.00
36.60	0.00	4,598	151.74	0.00
36.70	0.00	4,598	151.74	0.00
36.80	0.00	4,598	151.74	0.00
36.90	0.00	4,598	151.74	0.00
37.00	0.00	4,598	151.74	0.00
37.10	0.00	4,598	151.74	0.00
37.20	0.00	4,598	151.74	0.00
37.30	0.00	4,598	151.74	0.00
37.40	0.00	4,598	151.74	0.00
37.50	0.00	4,598	151.74	0.00
37.60	0.00	4,598	151.74	0.00
37.70	0.00	4,598	151.74	0.00
37.80	0.00	4,598	151.74	0.00
37.90	0.00	4,598	151.74	0.00
38.00	0.00	4,598	151.74	0.00
38.10	0.00	4,598	151.74	0.00
38.20	0.00	4,598	151.74	0.00
38.30	0.00	4,598	151.74	0.00
38.40	0.00	4,598	151.74	0.00
38.50	0.00	4,598	151.74	0.00
38.60	0.00	4,598	151.74	0.00
38.70	0.00	4,598	151.74	0.00
38.80	0.00	4,598	151.74	0.00
38.90	0.00	4,598	151.74	0.00
39.00	0.00	4,598	151.74	0.00
39.10	0.00	4,598	151.74	0.00
39.20	0.00	4,598	151.74	0.00
39.30	0.00	4,598	151.74	0.00
39.40	0.00	4,598	151.74	0.00
39.50	0.00	4,598	151.74	0.00
39.60	0.00	4,598	151.74	0.00
39.70	0.00	4,598	151.74	0.00
39.80	0.00	4,598	151.74	0.00
39.90	0.00	4,598	151.74	0.00
40.00	0.00	4,598	151.74	0.00

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 2.38 cfs @ 1.15 hrs, Volume= 0.086 af
 Outflow = 0.00 cfs @ 2.46 hrs, Volume= 0.001 af, Atten= 100%, Lag= 78.7 min
 Primary = 0.00 cfs @ 2.46 hrs, Volume= 0.001 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 150.73' @ 2.46 hrs Surf.Area= 5,521 sf Storage= 3,759 cf

Plug-Flow detention time= 824.9 min calculated for 0.001 af (1% of inflow)
 Center-of-Mass det. time= 780.5 min (856.5 - 76.0)

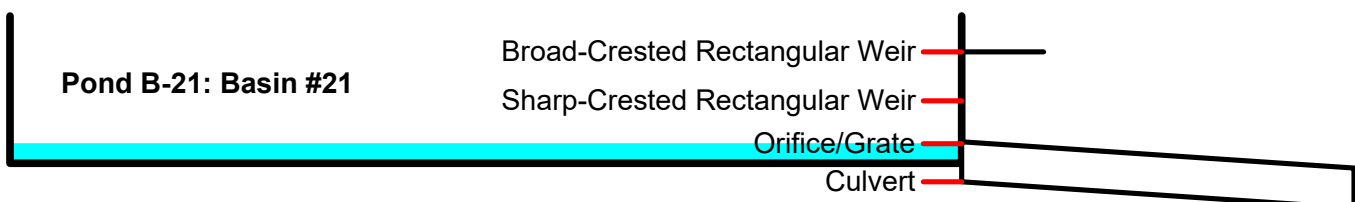
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

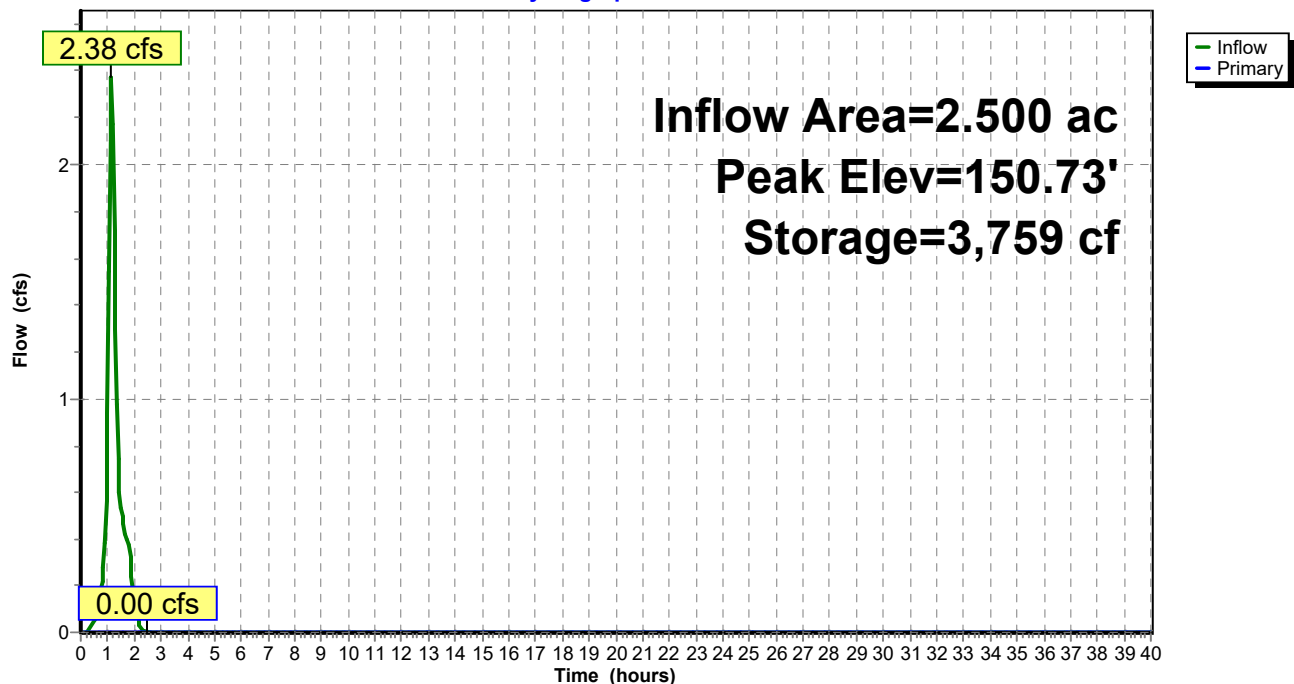
Primary OutFlow Max=0.00 cfs @ 2.46 hrs HW=150.73' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 7.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.24 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.04	7	150.00	0.00
0.60	0.09	30	150.01	0.00
0.70	0.16	75	150.02	0.00
0.80	0.22	142	150.03	0.00
0.90	0.38	245	150.05	0.00
1.00	0.94	465	150.10	0.00
1.10	2.11	1,017	150.21	0.00
1.20	2.17	1,830	150.36	0.00
1.30	1.29	2,451	150.48	0.00
1.40	0.74	2,809	150.55	0.00
1.50	0.53	3,031	150.59	0.00
1.60	0.46	3,210	150.62	0.00
1.70	0.40	3,363	150.65	0.00
1.80	0.37	3,501	150.68	0.00
1.90	0.24	3,614	150.70	0.00
2.00	0.15	3,682	150.71	0.00
2.10	0.10	3,730	150.72	0.00
2.20	0.03	3,752	150.72	0.00
2.30	0.01	3,758	150.72	0.00
2.40	0.00	3,759	150.73	0.00
2.50	0.00	3,759	150.73	0.00
2.60	0.00	3,759	150.72	0.00
2.70	0.00	3,759	150.72	0.00
2.80	0.00	3,758	150.72	0.00
2.90	0.00	3,758	150.72	0.00
3.00	0.00	3,758	150.72	0.00
3.10	0.00	3,758	150.72	0.00
3.20	0.00	3,758	150.72	0.00
3.30	0.00	3,758	150.72	0.00
3.40	0.00	3,757	150.72	0.00
3.50	0.00	3,757	150.72	0.00
3.60	0.00	3,757	150.72	0.00
3.70	0.00	3,757	150.72	0.00
3.80	0.00	3,757	150.72	0.00
3.90	0.00	3,757	150.72	0.00
4.00	0.00	3,756	150.72	0.00
4.10	0.00	3,756	150.72	0.00
4.20	0.00	3,756	150.72	0.00
4.30	0.00	3,756	150.72	0.00
4.40	0.00	3,756	150.72	0.00
4.50	0.00	3,756	150.72	0.00
4.60	0.00	3,756	150.72	0.00
4.70	0.00	3,755	150.72	0.00
4.80	0.00	3,755	150.72	0.00
4.90	0.00	3,755	150.72	0.00
5.00	0.00	3,755	150.72	0.00
5.10	0.00	3,755	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,755	150.72	0.00
5.30	0.00	3,755	150.72	0.00
5.40	0.00	3,754	150.72	0.00
5.50	0.00	3,754	150.72	0.00
5.60	0.00	3,754	150.72	0.00
5.70	0.00	3,754	150.72	0.00
5.80	0.00	3,754	150.72	0.00
5.90	0.00	3,754	150.72	0.00
6.00	0.00	3,754	150.72	0.00
6.10	0.00	3,753	150.72	0.00
6.20	0.00	3,753	150.72	0.00
6.30	0.00	3,753	150.72	0.00
6.40	0.00	3,753	150.72	0.00
6.50	0.00	3,753	150.72	0.00
6.60	0.00	3,753	150.72	0.00
6.70	0.00	3,753	150.72	0.00
6.80	0.00	3,752	150.72	0.00
6.90	0.00	3,752	150.72	0.00
7.00	0.00	3,752	150.72	0.00
7.10	0.00	3,752	150.72	0.00
7.20	0.00	3,752	150.72	0.00
7.30	0.00	3,752	150.72	0.00
7.40	0.00	3,752	150.72	0.00
7.50	0.00	3,752	150.72	0.00
7.60	0.00	3,751	150.72	0.00
7.70	0.00	3,751	150.72	0.00
7.80	0.00	3,751	150.72	0.00
7.90	0.00	3,751	150.72	0.00
8.00	0.00	3,751	150.72	0.00
8.10	0.00	3,751	150.72	0.00
8.20	0.00	3,751	150.72	0.00
8.30	0.00	3,751	150.72	0.00
8.40	0.00	3,750	150.72	0.00
8.50	0.00	3,750	150.72	0.00
8.60	0.00	3,750	150.72	0.00
8.70	0.00	3,750	150.72	0.00
8.80	0.00	3,750	150.72	0.00
8.90	0.00	3,750	150.72	0.00
9.00	0.00	3,750	150.72	0.00
9.10	0.00	3,750	150.72	0.00
9.20	0.00	3,749	150.72	0.00
9.30	0.00	3,749	150.72	0.00
9.40	0.00	3,749	150.72	0.00
9.50	0.00	3,749	150.72	0.00
9.60	0.00	3,749	150.72	0.00
9.70	0.00	3,749	150.72	0.00
9.80	0.00	3,749	150.72	0.00
9.90	0.00	3,749	150.72	0.00
10.00	0.00	3,749	150.72	0.00
10.10	0.00	3,748	150.72	0.00
10.20	0.00	3,748	150.72	0.00
10.30	0.00	3,748	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,748	150.72	0.00
10.50	0.00	3,748	150.72	0.00
10.60	0.00	3,748	150.72	0.00
10.70	0.00	3,748	150.72	0.00
10.80	0.00	3,748	150.72	0.00
10.90	0.00	3,748	150.72	0.00
11.00	0.00	3,748	150.72	0.00
11.10	0.00	3,747	150.72	0.00
11.20	0.00	3,747	150.72	0.00
11.30	0.00	3,747	150.72	0.00
11.40	0.00	3,747	150.72	0.00
11.50	0.00	3,747	150.72	0.00
11.60	0.00	3,747	150.72	0.00
11.70	0.00	3,747	150.72	0.00
11.80	0.00	3,747	150.72	0.00
11.90	0.00	3,747	150.72	0.00
12.00	0.00	3,747	150.72	0.00
12.10	0.00	3,746	150.72	0.00
12.20	0.00	3,746	150.72	0.00
12.30	0.00	3,746	150.72	0.00
12.40	0.00	3,746	150.72	0.00
12.50	0.00	3,746	150.72	0.00
12.60	0.00	3,746	150.72	0.00
12.70	0.00	3,746	150.72	0.00
12.80	0.00	3,746	150.72	0.00
12.90	0.00	3,746	150.72	0.00
13.00	0.00	3,746	150.72	0.00
13.10	0.00	3,745	150.72	0.00
13.20	0.00	3,745	150.72	0.00
13.30	0.00	3,745	150.72	0.00
13.40	0.00	3,745	150.72	0.00
13.50	0.00	3,745	150.72	0.00
13.60	0.00	3,745	150.72	0.00
13.70	0.00	3,745	150.72	0.00
13.80	0.00	3,745	150.72	0.00
13.90	0.00	3,745	150.72	0.00
14.00	0.00	3,745	150.72	0.00
14.10	0.00	3,745	150.72	0.00
14.20	0.00	3,745	150.72	0.00
14.30	0.00	3,744	150.72	0.00
14.40	0.00	3,744	150.72	0.00
14.50	0.00	3,744	150.72	0.00
14.60	0.00	3,744	150.72	0.00
14.70	0.00	3,744	150.72	0.00
14.80	0.00	3,744	150.72	0.00
14.90	0.00	3,744	150.72	0.00
15.00	0.00	3,744	150.72	0.00
15.10	0.00	3,744	150.72	0.00
15.20	0.00	3,744	150.72	0.00
15.30	0.00	3,744	150.72	0.00
15.40	0.00	3,744	150.72	0.00
15.50	0.00	3,744	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,743	150.72	0.00
15.70	0.00	3,743	150.72	0.00
15.80	0.00	3,743	150.72	0.00
15.90	0.00	3,743	150.72	0.00
16.00	0.00	3,743	150.72	0.00
16.10	0.00	3,743	150.72	0.00
16.20	0.00	3,743	150.72	0.00
16.30	0.00	3,743	150.72	0.00
16.40	0.00	3,743	150.72	0.00
16.50	0.00	3,743	150.72	0.00
16.60	0.00	3,743	150.72	0.00
16.70	0.00	3,743	150.72	0.00
16.80	0.00	3,743	150.72	0.00
16.90	0.00	3,742	150.72	0.00
17.00	0.00	3,742	150.72	0.00
17.10	0.00	3,742	150.72	0.00
17.20	0.00	3,742	150.72	0.00
17.30	0.00	3,742	150.72	0.00
17.40	0.00	3,742	150.72	0.00
17.50	0.00	3,742	150.72	0.00
17.60	0.00	3,742	150.72	0.00
17.70	0.00	3,742	150.72	0.00
17.80	0.00	3,742	150.72	0.00
17.90	0.00	3,742	150.72	0.00
18.00	0.00	3,742	150.72	0.00
18.10	0.00	3,742	150.72	0.00
18.20	0.00	3,742	150.72	0.00
18.30	0.00	3,742	150.72	0.00
18.40	0.00	3,741	150.72	0.00
18.50	0.00	3,741	150.72	0.00
18.60	0.00	3,741	150.72	0.00
18.70	0.00	3,741	150.72	0.00
18.80	0.00	3,741	150.72	0.00
18.90	0.00	3,741	150.72	0.00
19.00	0.00	3,741	150.72	0.00
19.10	0.00	3,741	150.72	0.00
19.20	0.00	3,741	150.72	0.00
19.30	0.00	3,741	150.72	0.00
19.40	0.00	3,741	150.72	0.00
19.50	0.00	3,741	150.72	0.00
19.60	0.00	3,741	150.72	0.00
19.70	0.00	3,741	150.72	0.00
19.80	0.00	3,741	150.72	0.00
19.90	0.00	3,741	150.72	0.00
20.00	0.00	3,740	150.72	0.00
20.10	0.00	3,740	150.72	0.00
20.20	0.00	3,740	150.72	0.00
20.30	0.00	3,740	150.72	0.00
20.40	0.00	3,740	150.72	0.00
20.50	0.00	3,740	150.72	0.00
20.60	0.00	3,740	150.72	0.00
20.70	0.00	3,740	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,740	150.72	0.00
20.90	0.00	3,740	150.72	0.00
21.00	0.00	3,740	150.72	0.00
21.10	0.00	3,740	150.72	0.00
21.20	0.00	3,740	150.72	0.00
21.30	0.00	3,740	150.72	0.00
21.40	0.00	3,740	150.72	0.00
21.50	0.00	3,740	150.72	0.00
21.60	0.00	3,740	150.72	0.00
21.70	0.00	3,740	150.72	0.00
21.80	0.00	3,739	150.72	0.00
21.90	0.00	3,739	150.72	0.00
22.00	0.00	3,739	150.72	0.00
22.10	0.00	3,739	150.72	0.00
22.20	0.00	3,739	150.72	0.00
22.30	0.00	3,739	150.72	0.00
22.40	0.00	3,739	150.72	0.00
22.50	0.00	3,739	150.72	0.00
22.60	0.00	3,739	150.72	0.00
22.70	0.00	3,739	150.72	0.00
22.80	0.00	3,739	150.72	0.00
22.90	0.00	3,739	150.72	0.00
23.00	0.00	3,739	150.72	0.00
23.10	0.00	3,739	150.72	0.00
23.20	0.00	3,739	150.72	0.00
23.30	0.00	3,739	150.72	0.00
23.40	0.00	3,739	150.72	0.00
23.50	0.00	3,739	150.72	0.00
23.60	0.00	3,739	150.72	0.00
23.70	0.00	3,739	150.72	0.00
23.80	0.00	3,738	150.72	0.00
23.90	0.00	3,738	150.72	0.00
24.00	0.00	3,738	150.72	0.00
24.10	0.00	3,738	150.72	0.00
24.20	0.00	3,738	150.72	0.00
24.30	0.00	3,738	150.72	0.00
24.40	0.00	3,738	150.72	0.00
24.50	0.00	3,738	150.72	0.00
24.60	0.00	3,738	150.72	0.00
24.70	0.00	3,738	150.72	0.00
24.80	0.00	3,738	150.72	0.00
24.90	0.00	3,738	150.72	0.00
25.00	0.00	3,738	150.72	0.00
25.10	0.00	3,738	150.72	0.00
25.20	0.00	3,738	150.72	0.00
25.30	0.00	3,738	150.72	0.00
25.40	0.00	3,738	150.72	0.00
25.50	0.00	3,738	150.72	0.00
25.60	0.00	3,738	150.72	0.00
25.70	0.00	3,738	150.72	0.00
25.80	0.00	3,738	150.72	0.00
25.90	0.00	3,738	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,738	150.72	0.00
26.10	0.00	3,738	150.72	0.00
26.20	0.00	3,737	150.72	0.00
26.30	0.00	3,737	150.72	0.00
26.40	0.00	3,737	150.72	0.00
26.50	0.00	3,737	150.72	0.00
26.60	0.00	3,737	150.72	0.00
26.70	0.00	3,737	150.72	0.00
26.80	0.00	3,737	150.72	0.00
26.90	0.00	3,737	150.72	0.00
27.00	0.00	3,737	150.72	0.00
27.10	0.00	3,737	150.72	0.00
27.20	0.00	3,737	150.72	0.00
27.30	0.00	3,737	150.72	0.00
27.40	0.00	3,737	150.72	0.00
27.50	0.00	3,737	150.72	0.00
27.60	0.00	3,737	150.72	0.00
27.70	0.00	3,737	150.72	0.00
27.80	0.00	3,737	150.72	0.00
27.90	0.00	3,737	150.72	0.00
28.00	0.00	3,737	150.72	0.00
28.10	0.00	3,737	150.72	0.00
28.20	0.00	3,737	150.72	0.00
28.30	0.00	3,737	150.72	0.00
28.40	0.00	3,737	150.72	0.00
28.50	0.00	3,737	150.72	0.00
28.60	0.00	3,737	150.72	0.00
28.70	0.00	3,737	150.72	0.00
28.80	0.00	3,737	150.72	0.00
28.90	0.00	3,736	150.72	0.00
29.00	0.00	3,736	150.72	0.00
29.10	0.00	3,736	150.72	0.00
29.20	0.00	3,736	150.72	0.00
29.30	0.00	3,736	150.72	0.00
29.40	0.00	3,736	150.72	0.00
29.50	0.00	3,736	150.72	0.00
29.60	0.00	3,736	150.72	0.00
29.70	0.00	3,736	150.72	0.00
29.80	0.00	3,736	150.72	0.00
29.90	0.00	3,736	150.72	0.00
30.00	0.00	3,736	150.72	0.00
30.10	0.00	3,736	150.72	0.00
30.20	0.00	3,736	150.72	0.00
30.30	0.00	3,736	150.72	0.00
30.40	0.00	3,736	150.72	0.00
30.50	0.00	3,736	150.72	0.00
30.60	0.00	3,736	150.72	0.00
30.70	0.00	3,736	150.72	0.00
30.80	0.00	3,736	150.72	0.00
30.90	0.00	3,736	150.72	0.00
31.00	0.00	3,736	150.72	0.00
31.10	0.00	3,736	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,736	150.72	0.00
31.30	0.00	3,736	150.72	0.00
31.40	0.00	3,736	150.72	0.00
31.50	0.00	3,736	150.72	0.00
31.60	0.00	3,736	150.72	0.00
31.70	0.00	3,736	150.72	0.00
31.80	0.00	3,736	150.72	0.00
31.90	0.00	3,736	150.72	0.00
32.00	0.00	3,736	150.72	0.00
32.10	0.00	3,736	150.72	0.00
32.20	0.00	3,735	150.72	0.00
32.30	0.00	3,735	150.72	0.00
32.40	0.00	3,735	150.72	0.00
32.50	0.00	3,735	150.72	0.00
32.60	0.00	3,735	150.72	0.00
32.70	0.00	3,735	150.72	0.00
32.80	0.00	3,735	150.72	0.00
32.90	0.00	3,735	150.72	0.00
33.00	0.00	3,735	150.72	0.00
33.10	0.00	3,735	150.72	0.00
33.20	0.00	3,735	150.72	0.00
33.30	0.00	3,735	150.72	0.00
33.40	0.00	3,735	150.72	0.00
33.50	0.00	3,735	150.72	0.00
33.60	0.00	3,735	150.72	0.00
33.70	0.00	3,735	150.72	0.00
33.80	0.00	3,735	150.72	0.00
33.90	0.00	3,735	150.72	0.00
34.00	0.00	3,735	150.72	0.00
34.10	0.00	3,735	150.72	0.00
34.20	0.00	3,735	150.72	0.00
34.30	0.00	3,735	150.72	0.00
34.40	0.00	3,735	150.72	0.00
34.50	0.00	3,735	150.72	0.00
34.60	0.00	3,735	150.72	0.00
34.70	0.00	3,735	150.72	0.00
34.80	0.00	3,735	150.72	0.00
34.90	0.00	3,735	150.72	0.00
35.00	0.00	3,735	150.72	0.00
35.10	0.00	3,735	150.72	0.00
35.20	0.00	3,735	150.72	0.00
35.30	0.00	3,735	150.72	0.00
35.40	0.00	3,735	150.72	0.00
35.50	0.00	3,735	150.72	0.00
35.60	0.00	3,735	150.72	0.00
35.70	0.00	3,735	150.72	0.00
35.80	0.00	3,735	150.72	0.00
35.90	0.00	3,735	150.72	0.00
36.00	0.00	3,735	150.72	0.00
36.10	0.00	3,735	150.72	0.00
36.20	0.00	3,735	150.72	0.00
36.30	0.00	3,734	150.72	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,734	150.72	0.00
36.50	0.00	3,734	150.72	0.00
36.60	0.00	3,734	150.72	0.00
36.70	0.00	3,734	150.72	0.00
36.80	0.00	3,734	150.72	0.00
36.90	0.00	3,734	150.72	0.00
37.00	0.00	3,734	150.72	0.00
37.10	0.00	3,734	150.72	0.00
37.20	0.00	3,734	150.72	0.00
37.30	0.00	3,734	150.72	0.00
37.40	0.00	3,734	150.72	0.00
37.50	0.00	3,734	150.72	0.00
37.60	0.00	3,734	150.72	0.00
37.70	0.00	3,734	150.72	0.00
37.80	0.00	3,734	150.72	0.00
37.90	0.00	3,734	150.72	0.00
38.00	0.00	3,734	150.72	0.00
38.10	0.00	3,734	150.72	0.00
38.20	0.00	3,734	150.72	0.00
38.30	0.00	3,734	150.72	0.00
38.40	0.00	3,734	150.72	0.00
38.50	0.00	3,734	150.72	0.00
38.60	0.00	3,734	150.72	0.00
38.70	0.00	3,734	150.72	0.00
38.80	0.00	3,734	150.72	0.00
38.90	0.00	3,734	150.72	0.00
39.00	0.00	3,734	150.72	0.00
39.10	0.00	3,734	150.72	0.00
39.20	0.00	3,734	150.72	0.00
39.30	0.00	3,734	150.72	0.00
39.40	0.00	3,734	150.72	0.00
39.50	0.00	3,734	150.72	0.00
39.60	0.00	3,734	150.72	0.00
39.70	0.00	3,734	150.72	0.00
39.80	0.00	3,734	150.72	0.00
39.90	0.00	3,734	150.72	0.00
40.00	0.00	3,734	150.72	0.00

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 0.39" for WQ Storm event
 Inflow = 2.19 cfs @ 1.15 hrs, Volume= 0.080 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 148.49' @ 2.60 hrs Surf.Area= 7,419 sf Storage= 3,494 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

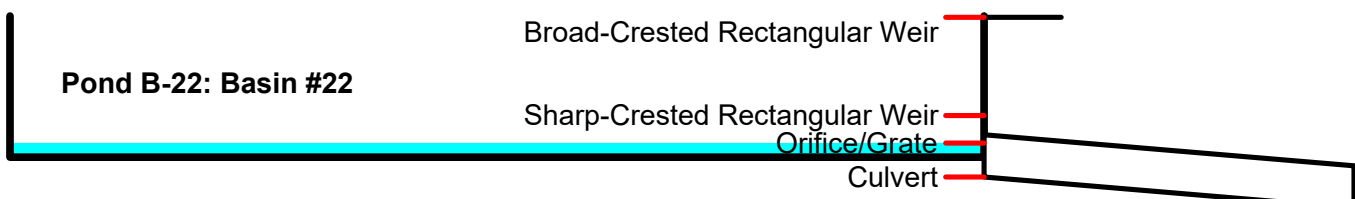
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

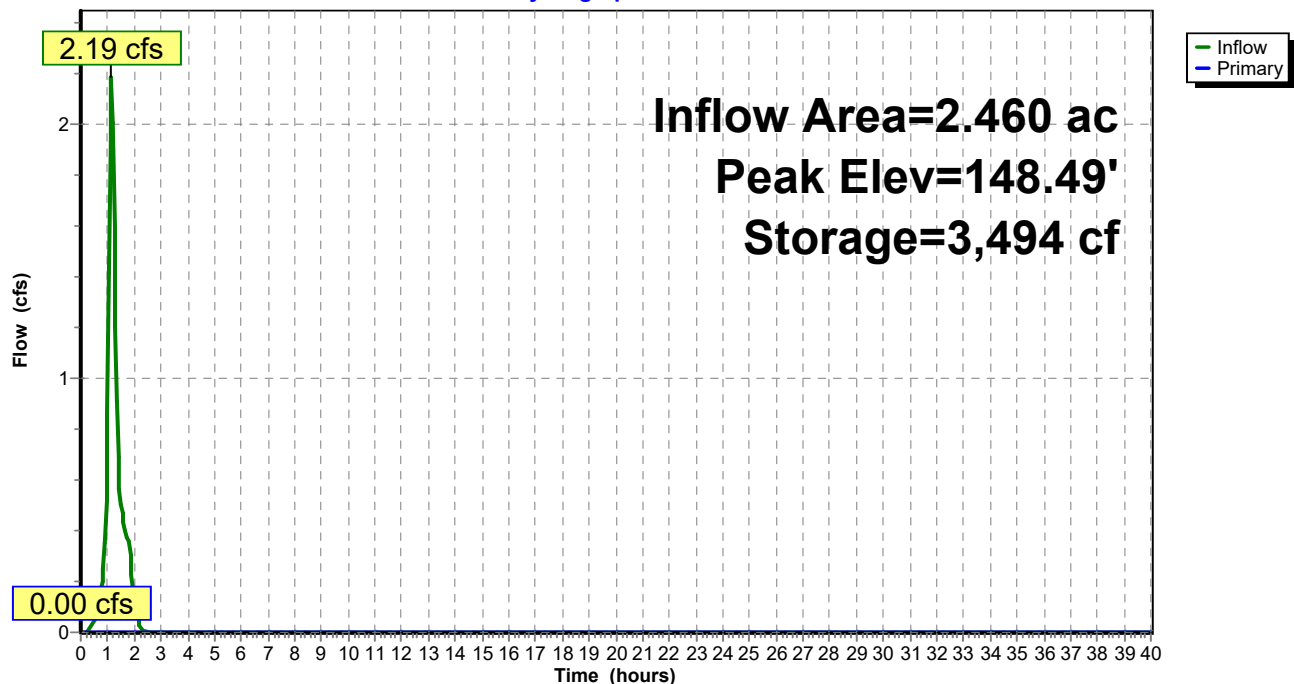
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=148.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 2.30 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-22: Basin #22

Hydrograph



Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.03	7	148.00	0.00
0.60	0.08	28	148.00	0.00
0.70	0.15	69	148.01	0.00
0.80	0.20	131	148.02	0.00
0.90	0.35	225	148.03	0.00
1.00	0.86	427	148.06	0.00
1.10	1.93	934	148.13	0.00
1.20	2.01	1,683	148.24	0.00
1.30	1.21	2,260	148.32	0.00
1.40	0.69	2,595	148.36	0.00
1.50	0.50	2,804	148.39	0.00
1.60	0.44	2,973	148.42	0.00
1.70	0.37	3,118	148.44	0.00
1.80	0.35	3,249	148.45	0.00
1.90	0.23	3,356	148.47	0.00
2.00	0.15	3,421	148.48	0.00
2.10	0.10	3,466	148.48	0.00
2.20	0.03	3,488	148.49	0.00
2.30	0.01	3,493	148.49	0.00
2.40	0.00	3,494	148.49	0.00
2.50	0.00	3,494	148.49	0.00
2.60	0.00	3,494	148.49	0.00
2.70	0.00	3,494	148.49	0.00
2.80	0.00	3,494	148.49	0.00
2.90	0.00	3,494	148.49	0.00
3.00	0.00	3,494	148.49	0.00
3.10	0.00	3,494	148.49	0.00
3.20	0.00	3,494	148.49	0.00
3.30	0.00	3,494	148.49	0.00
3.40	0.00	3,494	148.49	0.00
3.50	0.00	3,494	148.49	0.00
3.60	0.00	3,494	148.49	0.00
3.70	0.00	3,494	148.49	0.00
3.80	0.00	3,494	148.49	0.00
3.90	0.00	3,494	148.49	0.00
4.00	0.00	3,494	148.49	0.00
4.10	0.00	3,494	148.49	0.00
4.20	0.00	3,494	148.49	0.00
4.30	0.00	3,494	148.49	0.00
4.40	0.00	3,494	148.49	0.00
4.50	0.00	3,494	148.49	0.00
4.60	0.00	3,494	148.49	0.00
4.70	0.00	3,494	148.49	0.00
4.80	0.00	3,494	148.49	0.00
4.90	0.00	3,494	148.49	0.00
5.00	0.00	3,494	148.49	0.00
5.10	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,494	148.49	0.00
5.30	0.00	3,494	148.49	0.00
5.40	0.00	3,494	148.49	0.00
5.50	0.00	3,494	148.49	0.00
5.60	0.00	3,494	148.49	0.00
5.70	0.00	3,494	148.49	0.00
5.80	0.00	3,494	148.49	0.00
5.90	0.00	3,494	148.49	0.00
6.00	0.00	3,494	148.49	0.00
6.10	0.00	3,494	148.49	0.00
6.20	0.00	3,494	148.49	0.00
6.30	0.00	3,494	148.49	0.00
6.40	0.00	3,494	148.49	0.00
6.50	0.00	3,494	148.49	0.00
6.60	0.00	3,494	148.49	0.00
6.70	0.00	3,494	148.49	0.00
6.80	0.00	3,494	148.49	0.00
6.90	0.00	3,494	148.49	0.00
7.00	0.00	3,494	148.49	0.00
7.10	0.00	3,494	148.49	0.00
7.20	0.00	3,494	148.49	0.00
7.30	0.00	3,494	148.49	0.00
7.40	0.00	3,494	148.49	0.00
7.50	0.00	3,494	148.49	0.00
7.60	0.00	3,494	148.49	0.00
7.70	0.00	3,494	148.49	0.00
7.80	0.00	3,494	148.49	0.00
7.90	0.00	3,494	148.49	0.00
8.00	0.00	3,494	148.49	0.00
8.10	0.00	3,494	148.49	0.00
8.20	0.00	3,494	148.49	0.00
8.30	0.00	3,494	148.49	0.00
8.40	0.00	3,494	148.49	0.00
8.50	0.00	3,494	148.49	0.00
8.60	0.00	3,494	148.49	0.00
8.70	0.00	3,494	148.49	0.00
8.80	0.00	3,494	148.49	0.00
8.90	0.00	3,494	148.49	0.00
9.00	0.00	3,494	148.49	0.00
9.10	0.00	3,494	148.49	0.00
9.20	0.00	3,494	148.49	0.00
9.30	0.00	3,494	148.49	0.00
9.40	0.00	3,494	148.49	0.00
9.50	0.00	3,494	148.49	0.00
9.60	0.00	3,494	148.49	0.00
9.70	0.00	3,494	148.49	0.00
9.80	0.00	3,494	148.49	0.00
9.90	0.00	3,494	148.49	0.00
10.00	0.00	3,494	148.49	0.00
10.10	0.00	3,494	148.49	0.00
10.20	0.00	3,494	148.49	0.00
10.30	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,494	148.49	0.00
10.50	0.00	3,494	148.49	0.00
10.60	0.00	3,494	148.49	0.00
10.70	0.00	3,494	148.49	0.00
10.80	0.00	3,494	148.49	0.00
10.90	0.00	3,494	148.49	0.00
11.00	0.00	3,494	148.49	0.00
11.10	0.00	3,494	148.49	0.00
11.20	0.00	3,494	148.49	0.00
11.30	0.00	3,494	148.49	0.00
11.40	0.00	3,494	148.49	0.00
11.50	0.00	3,494	148.49	0.00
11.60	0.00	3,494	148.49	0.00
11.70	0.00	3,494	148.49	0.00
11.80	0.00	3,494	148.49	0.00
11.90	0.00	3,494	148.49	0.00
12.00	0.00	3,494	148.49	0.00
12.10	0.00	3,494	148.49	0.00
12.20	0.00	3,494	148.49	0.00
12.30	0.00	3,494	148.49	0.00
12.40	0.00	3,494	148.49	0.00
12.50	0.00	3,494	148.49	0.00
12.60	0.00	3,494	148.49	0.00
12.70	0.00	3,494	148.49	0.00
12.80	0.00	3,494	148.49	0.00
12.90	0.00	3,494	148.49	0.00
13.00	0.00	3,494	148.49	0.00
13.10	0.00	3,494	148.49	0.00
13.20	0.00	3,494	148.49	0.00
13.30	0.00	3,494	148.49	0.00
13.40	0.00	3,494	148.49	0.00
13.50	0.00	3,494	148.49	0.00
13.60	0.00	3,494	148.49	0.00
13.70	0.00	3,494	148.49	0.00
13.80	0.00	3,494	148.49	0.00
13.90	0.00	3,494	148.49	0.00
14.00	0.00	3,494	148.49	0.00
14.10	0.00	3,494	148.49	0.00
14.20	0.00	3,494	148.49	0.00
14.30	0.00	3,494	148.49	0.00
14.40	0.00	3,494	148.49	0.00
14.50	0.00	3,494	148.49	0.00
14.60	0.00	3,494	148.49	0.00
14.70	0.00	3,494	148.49	0.00
14.80	0.00	3,494	148.49	0.00
14.90	0.00	3,494	148.49	0.00
15.00	0.00	3,494	148.49	0.00
15.10	0.00	3,494	148.49	0.00
15.20	0.00	3,494	148.49	0.00
15.30	0.00	3,494	148.49	0.00
15.40	0.00	3,494	148.49	0.00
15.50	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,494	148.49	0.00
15.70	0.00	3,494	148.49	0.00
15.80	0.00	3,494	148.49	0.00
15.90	0.00	3,494	148.49	0.00
16.00	0.00	3,494	148.49	0.00
16.10	0.00	3,494	148.49	0.00
16.20	0.00	3,494	148.49	0.00
16.30	0.00	3,494	148.49	0.00
16.40	0.00	3,494	148.49	0.00
16.50	0.00	3,494	148.49	0.00
16.60	0.00	3,494	148.49	0.00
16.70	0.00	3,494	148.49	0.00
16.80	0.00	3,494	148.49	0.00
16.90	0.00	3,494	148.49	0.00
17.00	0.00	3,494	148.49	0.00
17.10	0.00	3,494	148.49	0.00
17.20	0.00	3,494	148.49	0.00
17.30	0.00	3,494	148.49	0.00
17.40	0.00	3,494	148.49	0.00
17.50	0.00	3,494	148.49	0.00
17.60	0.00	3,494	148.49	0.00
17.70	0.00	3,494	148.49	0.00
17.80	0.00	3,494	148.49	0.00
17.90	0.00	3,494	148.49	0.00
18.00	0.00	3,494	148.49	0.00
18.10	0.00	3,494	148.49	0.00
18.20	0.00	3,494	148.49	0.00
18.30	0.00	3,494	148.49	0.00
18.40	0.00	3,494	148.49	0.00
18.50	0.00	3,494	148.49	0.00
18.60	0.00	3,494	148.49	0.00
18.70	0.00	3,494	148.49	0.00
18.80	0.00	3,494	148.49	0.00
18.90	0.00	3,494	148.49	0.00
19.00	0.00	3,494	148.49	0.00
19.10	0.00	3,494	148.49	0.00
19.20	0.00	3,494	148.49	0.00
19.30	0.00	3,494	148.49	0.00
19.40	0.00	3,494	148.49	0.00
19.50	0.00	3,494	148.49	0.00
19.60	0.00	3,494	148.49	0.00
19.70	0.00	3,494	148.49	0.00
19.80	0.00	3,494	148.49	0.00
19.90	0.00	3,494	148.49	0.00
20.00	0.00	3,494	148.49	0.00
20.10	0.00	3,494	148.49	0.00
20.20	0.00	3,494	148.49	0.00
20.30	0.00	3,494	148.49	0.00
20.40	0.00	3,494	148.49	0.00
20.50	0.00	3,494	148.49	0.00
20.60	0.00	3,494	148.49	0.00
20.70	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,494	148.49	0.00
20.90	0.00	3,494	148.49	0.00
21.00	0.00	3,494	148.49	0.00
21.10	0.00	3,494	148.49	0.00
21.20	0.00	3,494	148.49	0.00
21.30	0.00	3,494	148.49	0.00
21.40	0.00	3,494	148.49	0.00
21.50	0.00	3,494	148.49	0.00
21.60	0.00	3,494	148.49	0.00
21.70	0.00	3,494	148.49	0.00
21.80	0.00	3,494	148.49	0.00
21.90	0.00	3,494	148.49	0.00
22.00	0.00	3,494	148.49	0.00
22.10	0.00	3,494	148.49	0.00
22.20	0.00	3,494	148.49	0.00
22.30	0.00	3,494	148.49	0.00
22.40	0.00	3,494	148.49	0.00
22.50	0.00	3,494	148.49	0.00
22.60	0.00	3,494	148.49	0.00
22.70	0.00	3,494	148.49	0.00
22.80	0.00	3,494	148.49	0.00
22.90	0.00	3,494	148.49	0.00
23.00	0.00	3,494	148.49	0.00
23.10	0.00	3,494	148.49	0.00
23.20	0.00	3,494	148.49	0.00
23.30	0.00	3,494	148.49	0.00
23.40	0.00	3,494	148.49	0.00
23.50	0.00	3,494	148.49	0.00
23.60	0.00	3,494	148.49	0.00
23.70	0.00	3,494	148.49	0.00
23.80	0.00	3,494	148.49	0.00
23.90	0.00	3,494	148.49	0.00
24.00	0.00	3,494	148.49	0.00
24.10	0.00	3,494	148.49	0.00
24.20	0.00	3,494	148.49	0.00
24.30	0.00	3,494	148.49	0.00
24.40	0.00	3,494	148.49	0.00
24.50	0.00	3,494	148.49	0.00
24.60	0.00	3,494	148.49	0.00
24.70	0.00	3,494	148.49	0.00
24.80	0.00	3,494	148.49	0.00
24.90	0.00	3,494	148.49	0.00
25.00	0.00	3,494	148.49	0.00
25.10	0.00	3,494	148.49	0.00
25.20	0.00	3,494	148.49	0.00
25.30	0.00	3,494	148.49	0.00
25.40	0.00	3,494	148.49	0.00
25.50	0.00	3,494	148.49	0.00
25.60	0.00	3,494	148.49	0.00
25.70	0.00	3,494	148.49	0.00
25.80	0.00	3,494	148.49	0.00
25.90	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,494	148.49	0.00
26.10	0.00	3,494	148.49	0.00
26.20	0.00	3,494	148.49	0.00
26.30	0.00	3,494	148.49	0.00
26.40	0.00	3,494	148.49	0.00
26.50	0.00	3,494	148.49	0.00
26.60	0.00	3,494	148.49	0.00
26.70	0.00	3,494	148.49	0.00
26.80	0.00	3,494	148.49	0.00
26.90	0.00	3,494	148.49	0.00
27.00	0.00	3,494	148.49	0.00
27.10	0.00	3,494	148.49	0.00
27.20	0.00	3,494	148.49	0.00
27.30	0.00	3,494	148.49	0.00
27.40	0.00	3,494	148.49	0.00
27.50	0.00	3,494	148.49	0.00
27.60	0.00	3,494	148.49	0.00
27.70	0.00	3,494	148.49	0.00
27.80	0.00	3,494	148.49	0.00
27.90	0.00	3,494	148.49	0.00
28.00	0.00	3,494	148.49	0.00
28.10	0.00	3,494	148.49	0.00
28.20	0.00	3,494	148.49	0.00
28.30	0.00	3,494	148.49	0.00
28.40	0.00	3,494	148.49	0.00
28.50	0.00	3,494	148.49	0.00
28.60	0.00	3,494	148.49	0.00
28.70	0.00	3,494	148.49	0.00
28.80	0.00	3,494	148.49	0.00
28.90	0.00	3,494	148.49	0.00
29.00	0.00	3,494	148.49	0.00
29.10	0.00	3,494	148.49	0.00
29.20	0.00	3,494	148.49	0.00
29.30	0.00	3,494	148.49	0.00
29.40	0.00	3,494	148.49	0.00
29.50	0.00	3,494	148.49	0.00
29.60	0.00	3,494	148.49	0.00
29.70	0.00	3,494	148.49	0.00
29.80	0.00	3,494	148.49	0.00
29.90	0.00	3,494	148.49	0.00
30.00	0.00	3,494	148.49	0.00
30.10	0.00	3,494	148.49	0.00
30.20	0.00	3,494	148.49	0.00
30.30	0.00	3,494	148.49	0.00
30.40	0.00	3,494	148.49	0.00
30.50	0.00	3,494	148.49	0.00
30.60	0.00	3,494	148.49	0.00
30.70	0.00	3,494	148.49	0.00
30.80	0.00	3,494	148.49	0.00
30.90	0.00	3,494	148.49	0.00
31.00	0.00	3,494	148.49	0.00
31.10	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,494	148.49	0.00
31.30	0.00	3,494	148.49	0.00
31.40	0.00	3,494	148.49	0.00
31.50	0.00	3,494	148.49	0.00
31.60	0.00	3,494	148.49	0.00
31.70	0.00	3,494	148.49	0.00
31.80	0.00	3,494	148.49	0.00
31.90	0.00	3,494	148.49	0.00
32.00	0.00	3,494	148.49	0.00
32.10	0.00	3,494	148.49	0.00
32.20	0.00	3,494	148.49	0.00
32.30	0.00	3,494	148.49	0.00
32.40	0.00	3,494	148.49	0.00
32.50	0.00	3,494	148.49	0.00
32.60	0.00	3,494	148.49	0.00
32.70	0.00	3,494	148.49	0.00
32.80	0.00	3,494	148.49	0.00
32.90	0.00	3,494	148.49	0.00
33.00	0.00	3,494	148.49	0.00
33.10	0.00	3,494	148.49	0.00
33.20	0.00	3,494	148.49	0.00
33.30	0.00	3,494	148.49	0.00
33.40	0.00	3,494	148.49	0.00
33.50	0.00	3,494	148.49	0.00
33.60	0.00	3,494	148.49	0.00
33.70	0.00	3,494	148.49	0.00
33.80	0.00	3,494	148.49	0.00
33.90	0.00	3,494	148.49	0.00
34.00	0.00	3,494	148.49	0.00
34.10	0.00	3,494	148.49	0.00
34.20	0.00	3,494	148.49	0.00
34.30	0.00	3,494	148.49	0.00
34.40	0.00	3,494	148.49	0.00
34.50	0.00	3,494	148.49	0.00
34.60	0.00	3,494	148.49	0.00
34.70	0.00	3,494	148.49	0.00
34.80	0.00	3,494	148.49	0.00
34.90	0.00	3,494	148.49	0.00
35.00	0.00	3,494	148.49	0.00
35.10	0.00	3,494	148.49	0.00
35.20	0.00	3,494	148.49	0.00
35.30	0.00	3,494	148.49	0.00
35.40	0.00	3,494	148.49	0.00
35.50	0.00	3,494	148.49	0.00
35.60	0.00	3,494	148.49	0.00
35.70	0.00	3,494	148.49	0.00
35.80	0.00	3,494	148.49	0.00
35.90	0.00	3,494	148.49	0.00
36.00	0.00	3,494	148.49	0.00
36.10	0.00	3,494	148.49	0.00
36.20	0.00	3,494	148.49	0.00
36.30	0.00	3,494	148.49	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,494	148.49	0.00
36.50	0.00	3,494	148.49	0.00
36.60	0.00	3,494	148.49	0.00
36.70	0.00	3,494	148.49	0.00
36.80	0.00	3,494	148.49	0.00
36.90	0.00	3,494	148.49	0.00
37.00	0.00	3,494	148.49	0.00
37.10	0.00	3,494	148.49	0.00
37.20	0.00	3,494	148.49	0.00
37.30	0.00	3,494	148.49	0.00
37.40	0.00	3,494	148.49	0.00
37.50	0.00	3,494	148.49	0.00
37.60	0.00	3,494	148.49	0.00
37.70	0.00	3,494	148.49	0.00
37.80	0.00	3,494	148.49	0.00
37.90	0.00	3,494	148.49	0.00
38.00	0.00	3,494	148.49	0.00
38.10	0.00	3,494	148.49	0.00
38.20	0.00	3,494	148.49	0.00
38.30	0.00	3,494	148.49	0.00
38.40	0.00	3,494	148.49	0.00
38.50	0.00	3,494	148.49	0.00
38.60	0.00	3,494	148.49	0.00
38.70	0.00	3,494	148.49	0.00
38.80	0.00	3,494	148.49	0.00
38.90	0.00	3,494	148.49	0.00
39.00	0.00	3,494	148.49	0.00
39.10	0.00	3,494	148.49	0.00
39.20	0.00	3,494	148.49	0.00
39.30	0.00	3,494	148.49	0.00
39.40	0.00	3,494	148.49	0.00
39.50	0.00	3,494	148.49	0.00
39.60	0.00	3,494	148.49	0.00
39.70	0.00	3,494	148.49	0.00
39.80	0.00	3,494	148.49	0.00
39.90	0.00	3,494	148.49	0.00
40.00	0.00	3,494	148.49	0.00

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 0.40" for WQ Storm event
 Inflow = 2.21 cfs @ 1.15 hrs, Volume= 0.081 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 145.61' @ 2.60 hrs Surf.Area= 6,126 sf Storage= 3,523 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

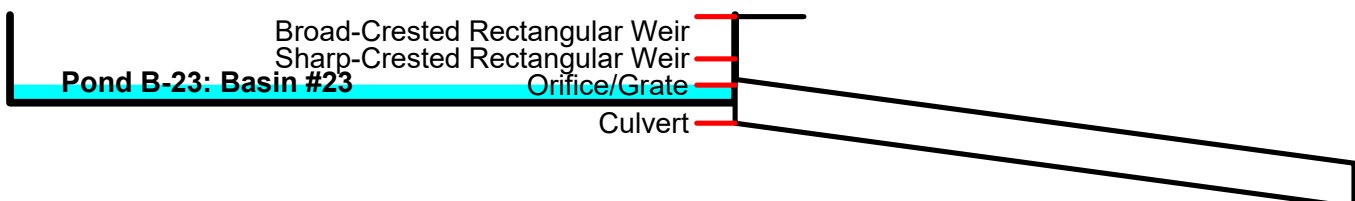
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

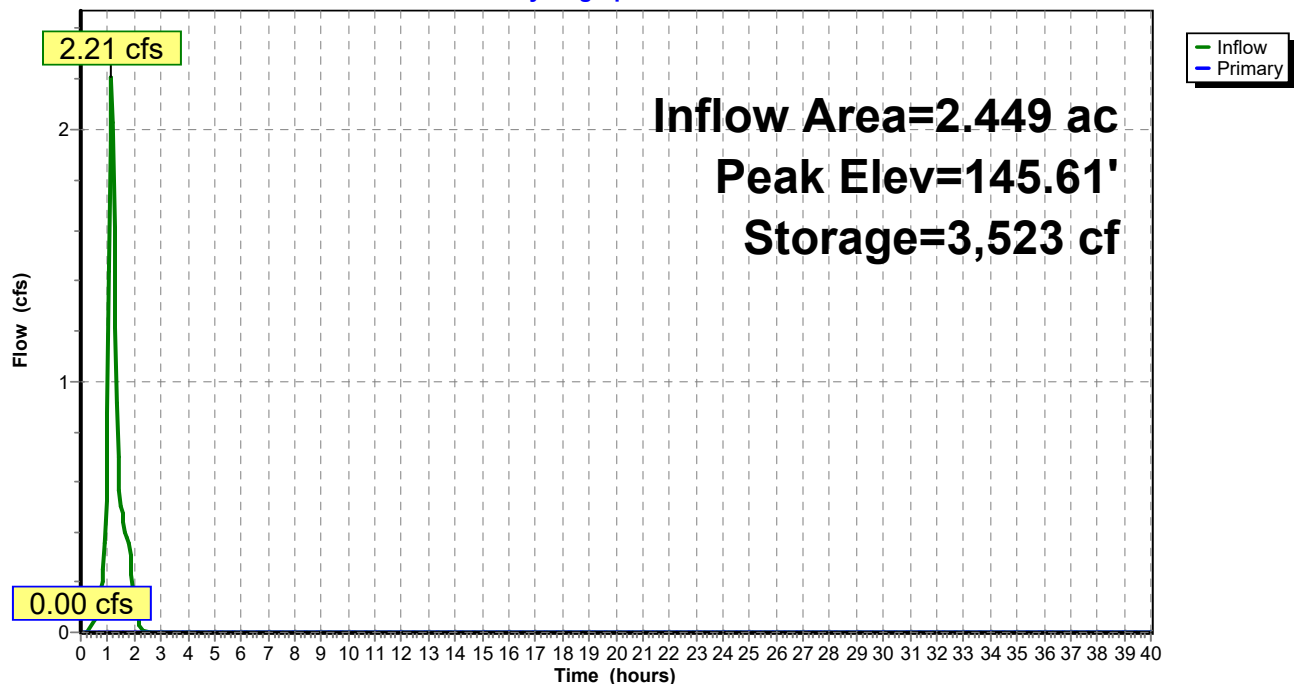
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=145.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 2.30 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23

Hydrograph



Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.03	7	145.00	0.00
0.60	0.09	28	145.01	0.00
0.70	0.15	70	145.01	0.00
0.80	0.20	132	145.02	0.00
0.90	0.35	228	145.04	0.00
1.00	0.87	432	145.08	0.00
1.10	1.95	944	145.17	0.00
1.20	2.03	1,701	145.30	0.00
1.30	1.22	2,282	145.40	0.00
1.40	0.70	2,620	145.46	0.00
1.50	0.50	2,830	145.49	0.00
1.60	0.44	3,000	145.52	0.00
1.70	0.38	3,145	145.54	0.00
1.80	0.35	3,277	145.57	0.00
1.90	0.23	3,384	145.58	0.00
2.00	0.15	3,449	145.59	0.00
2.10	0.10	3,494	145.60	0.00
2.20	0.03	3,516	145.60	0.00
2.30	0.01	3,521	145.61	0.00
2.40	0.00	3,522	145.61	0.00
2.50	0.00	3,523	145.61	0.00
2.60	0.00	3,523	145.61	0.00
2.70	0.00	3,523	145.61	0.00
2.80	0.00	3,523	145.61	0.00
2.90	0.00	3,523	145.61	0.00
3.00	0.00	3,523	145.61	0.00
3.10	0.00	3,523	145.61	0.00
3.20	0.00	3,523	145.61	0.00
3.30	0.00	3,523	145.61	0.00
3.40	0.00	3,523	145.61	0.00
3.50	0.00	3,523	145.61	0.00
3.60	0.00	3,523	145.61	0.00
3.70	0.00	3,523	145.61	0.00
3.80	0.00	3,523	145.61	0.00
3.90	0.00	3,523	145.61	0.00
4.00	0.00	3,523	145.61	0.00
4.10	0.00	3,523	145.61	0.00
4.20	0.00	3,523	145.61	0.00
4.30	0.00	3,523	145.61	0.00
4.40	0.00	3,523	145.61	0.00
4.50	0.00	3,523	145.61	0.00
4.60	0.00	3,523	145.61	0.00
4.70	0.00	3,523	145.61	0.00
4.80	0.00	3,523	145.61	0.00
4.90	0.00	3,523	145.61	0.00
5.00	0.00	3,523	145.61	0.00
5.10	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,523	145.61	0.00
5.30	0.00	3,523	145.61	0.00
5.40	0.00	3,523	145.61	0.00
5.50	0.00	3,523	145.61	0.00
5.60	0.00	3,523	145.61	0.00
5.70	0.00	3,523	145.61	0.00
5.80	0.00	3,523	145.61	0.00
5.90	0.00	3,523	145.61	0.00
6.00	0.00	3,523	145.61	0.00
6.10	0.00	3,523	145.61	0.00
6.20	0.00	3,523	145.61	0.00
6.30	0.00	3,523	145.61	0.00
6.40	0.00	3,523	145.61	0.00
6.50	0.00	3,523	145.61	0.00
6.60	0.00	3,523	145.61	0.00
6.70	0.00	3,523	145.61	0.00
6.80	0.00	3,523	145.61	0.00
6.90	0.00	3,523	145.61	0.00
7.00	0.00	3,523	145.61	0.00
7.10	0.00	3,523	145.61	0.00
7.20	0.00	3,523	145.61	0.00
7.30	0.00	3,523	145.61	0.00
7.40	0.00	3,523	145.61	0.00
7.50	0.00	3,523	145.61	0.00
7.60	0.00	3,523	145.61	0.00
7.70	0.00	3,523	145.61	0.00
7.80	0.00	3,523	145.61	0.00
7.90	0.00	3,523	145.61	0.00
8.00	0.00	3,523	145.61	0.00
8.10	0.00	3,523	145.61	0.00
8.20	0.00	3,523	145.61	0.00
8.30	0.00	3,523	145.61	0.00
8.40	0.00	3,523	145.61	0.00
8.50	0.00	3,523	145.61	0.00
8.60	0.00	3,523	145.61	0.00
8.70	0.00	3,523	145.61	0.00
8.80	0.00	3,523	145.61	0.00
8.90	0.00	3,523	145.61	0.00
9.00	0.00	3,523	145.61	0.00
9.10	0.00	3,523	145.61	0.00
9.20	0.00	3,523	145.61	0.00
9.30	0.00	3,523	145.61	0.00
9.40	0.00	3,523	145.61	0.00
9.50	0.00	3,523	145.61	0.00
9.60	0.00	3,523	145.61	0.00
9.70	0.00	3,523	145.61	0.00
9.80	0.00	3,523	145.61	0.00
9.90	0.00	3,523	145.61	0.00
10.00	0.00	3,523	145.61	0.00
10.10	0.00	3,523	145.61	0.00
10.20	0.00	3,523	145.61	0.00
10.30	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,523	145.61	0.00
10.50	0.00	3,523	145.61	0.00
10.60	0.00	3,523	145.61	0.00
10.70	0.00	3,523	145.61	0.00
10.80	0.00	3,523	145.61	0.00
10.90	0.00	3,523	145.61	0.00
11.00	0.00	3,523	145.61	0.00
11.10	0.00	3,523	145.61	0.00
11.20	0.00	3,523	145.61	0.00
11.30	0.00	3,523	145.61	0.00
11.40	0.00	3,523	145.61	0.00
11.50	0.00	3,523	145.61	0.00
11.60	0.00	3,523	145.61	0.00
11.70	0.00	3,523	145.61	0.00
11.80	0.00	3,523	145.61	0.00
11.90	0.00	3,523	145.61	0.00
12.00	0.00	3,523	145.61	0.00
12.10	0.00	3,523	145.61	0.00
12.20	0.00	3,523	145.61	0.00
12.30	0.00	3,523	145.61	0.00
12.40	0.00	3,523	145.61	0.00
12.50	0.00	3,523	145.61	0.00
12.60	0.00	3,523	145.61	0.00
12.70	0.00	3,523	145.61	0.00
12.80	0.00	3,523	145.61	0.00
12.90	0.00	3,523	145.61	0.00
13.00	0.00	3,523	145.61	0.00
13.10	0.00	3,523	145.61	0.00
13.20	0.00	3,523	145.61	0.00
13.30	0.00	3,523	145.61	0.00
13.40	0.00	3,523	145.61	0.00
13.50	0.00	3,523	145.61	0.00
13.60	0.00	3,523	145.61	0.00
13.70	0.00	3,523	145.61	0.00
13.80	0.00	3,523	145.61	0.00
13.90	0.00	3,523	145.61	0.00
14.00	0.00	3,523	145.61	0.00
14.10	0.00	3,523	145.61	0.00
14.20	0.00	3,523	145.61	0.00
14.30	0.00	3,523	145.61	0.00
14.40	0.00	3,523	145.61	0.00
14.50	0.00	3,523	145.61	0.00
14.60	0.00	3,523	145.61	0.00
14.70	0.00	3,523	145.61	0.00
14.80	0.00	3,523	145.61	0.00
14.90	0.00	3,523	145.61	0.00
15.00	0.00	3,523	145.61	0.00
15.10	0.00	3,523	145.61	0.00
15.20	0.00	3,523	145.61	0.00
15.30	0.00	3,523	145.61	0.00
15.40	0.00	3,523	145.61	0.00
15.50	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,523	145.61	0.00
15.70	0.00	3,523	145.61	0.00
15.80	0.00	3,523	145.61	0.00
15.90	0.00	3,523	145.61	0.00
16.00	0.00	3,523	145.61	0.00
16.10	0.00	3,523	145.61	0.00
16.20	0.00	3,523	145.61	0.00
16.30	0.00	3,523	145.61	0.00
16.40	0.00	3,523	145.61	0.00
16.50	0.00	3,523	145.61	0.00
16.60	0.00	3,523	145.61	0.00
16.70	0.00	3,523	145.61	0.00
16.80	0.00	3,523	145.61	0.00
16.90	0.00	3,523	145.61	0.00
17.00	0.00	3,523	145.61	0.00
17.10	0.00	3,523	145.61	0.00
17.20	0.00	3,523	145.61	0.00
17.30	0.00	3,523	145.61	0.00
17.40	0.00	3,523	145.61	0.00
17.50	0.00	3,523	145.61	0.00
17.60	0.00	3,523	145.61	0.00
17.70	0.00	3,523	145.61	0.00
17.80	0.00	3,523	145.61	0.00
17.90	0.00	3,523	145.61	0.00
18.00	0.00	3,523	145.61	0.00
18.10	0.00	3,523	145.61	0.00
18.20	0.00	3,523	145.61	0.00
18.30	0.00	3,523	145.61	0.00
18.40	0.00	3,523	145.61	0.00
18.50	0.00	3,523	145.61	0.00
18.60	0.00	3,523	145.61	0.00
18.70	0.00	3,523	145.61	0.00
18.80	0.00	3,523	145.61	0.00
18.90	0.00	3,523	145.61	0.00
19.00	0.00	3,523	145.61	0.00
19.10	0.00	3,523	145.61	0.00
19.20	0.00	3,523	145.61	0.00
19.30	0.00	3,523	145.61	0.00
19.40	0.00	3,523	145.61	0.00
19.50	0.00	3,523	145.61	0.00
19.60	0.00	3,523	145.61	0.00
19.70	0.00	3,523	145.61	0.00
19.80	0.00	3,523	145.61	0.00
19.90	0.00	3,523	145.61	0.00
20.00	0.00	3,523	145.61	0.00
20.10	0.00	3,523	145.61	0.00
20.20	0.00	3,523	145.61	0.00
20.30	0.00	3,523	145.61	0.00
20.40	0.00	3,523	145.61	0.00
20.50	0.00	3,523	145.61	0.00
20.60	0.00	3,523	145.61	0.00
20.70	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,523	145.61	0.00
20.90	0.00	3,523	145.61	0.00
21.00	0.00	3,523	145.61	0.00
21.10	0.00	3,523	145.61	0.00
21.20	0.00	3,523	145.61	0.00
21.30	0.00	3,523	145.61	0.00
21.40	0.00	3,523	145.61	0.00
21.50	0.00	3,523	145.61	0.00
21.60	0.00	3,523	145.61	0.00
21.70	0.00	3,523	145.61	0.00
21.80	0.00	3,523	145.61	0.00
21.90	0.00	3,523	145.61	0.00
22.00	0.00	3,523	145.61	0.00
22.10	0.00	3,523	145.61	0.00
22.20	0.00	3,523	145.61	0.00
22.30	0.00	3,523	145.61	0.00
22.40	0.00	3,523	145.61	0.00
22.50	0.00	3,523	145.61	0.00
22.60	0.00	3,523	145.61	0.00
22.70	0.00	3,523	145.61	0.00
22.80	0.00	3,523	145.61	0.00
22.90	0.00	3,523	145.61	0.00
23.00	0.00	3,523	145.61	0.00
23.10	0.00	3,523	145.61	0.00
23.20	0.00	3,523	145.61	0.00
23.30	0.00	3,523	145.61	0.00
23.40	0.00	3,523	145.61	0.00
23.50	0.00	3,523	145.61	0.00
23.60	0.00	3,523	145.61	0.00
23.70	0.00	3,523	145.61	0.00
23.80	0.00	3,523	145.61	0.00
23.90	0.00	3,523	145.61	0.00
24.00	0.00	3,523	145.61	0.00
24.10	0.00	3,523	145.61	0.00
24.20	0.00	3,523	145.61	0.00
24.30	0.00	3,523	145.61	0.00
24.40	0.00	3,523	145.61	0.00
24.50	0.00	3,523	145.61	0.00
24.60	0.00	3,523	145.61	0.00
24.70	0.00	3,523	145.61	0.00
24.80	0.00	3,523	145.61	0.00
24.90	0.00	3,523	145.61	0.00
25.00	0.00	3,523	145.61	0.00
25.10	0.00	3,523	145.61	0.00
25.20	0.00	3,523	145.61	0.00
25.30	0.00	3,523	145.61	0.00
25.40	0.00	3,523	145.61	0.00
25.50	0.00	3,523	145.61	0.00
25.60	0.00	3,523	145.61	0.00
25.70	0.00	3,523	145.61	0.00
25.80	0.00	3,523	145.61	0.00
25.90	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,523	145.61	0.00
26.10	0.00	3,523	145.61	0.00
26.20	0.00	3,523	145.61	0.00
26.30	0.00	3,523	145.61	0.00
26.40	0.00	3,523	145.61	0.00
26.50	0.00	3,523	145.61	0.00
26.60	0.00	3,523	145.61	0.00
26.70	0.00	3,523	145.61	0.00
26.80	0.00	3,523	145.61	0.00
26.90	0.00	3,523	145.61	0.00
27.00	0.00	3,523	145.61	0.00
27.10	0.00	3,523	145.61	0.00
27.20	0.00	3,523	145.61	0.00
27.30	0.00	3,523	145.61	0.00
27.40	0.00	3,523	145.61	0.00
27.50	0.00	3,523	145.61	0.00
27.60	0.00	3,523	145.61	0.00
27.70	0.00	3,523	145.61	0.00
27.80	0.00	3,523	145.61	0.00
27.90	0.00	3,523	145.61	0.00
28.00	0.00	3,523	145.61	0.00
28.10	0.00	3,523	145.61	0.00
28.20	0.00	3,523	145.61	0.00
28.30	0.00	3,523	145.61	0.00
28.40	0.00	3,523	145.61	0.00
28.50	0.00	3,523	145.61	0.00
28.60	0.00	3,523	145.61	0.00
28.70	0.00	3,523	145.61	0.00
28.80	0.00	3,523	145.61	0.00
28.90	0.00	3,523	145.61	0.00
29.00	0.00	3,523	145.61	0.00
29.10	0.00	3,523	145.61	0.00
29.20	0.00	3,523	145.61	0.00
29.30	0.00	3,523	145.61	0.00
29.40	0.00	3,523	145.61	0.00
29.50	0.00	3,523	145.61	0.00
29.60	0.00	3,523	145.61	0.00
29.70	0.00	3,523	145.61	0.00
29.80	0.00	3,523	145.61	0.00
29.90	0.00	3,523	145.61	0.00
30.00	0.00	3,523	145.61	0.00
30.10	0.00	3,523	145.61	0.00
30.20	0.00	3,523	145.61	0.00
30.30	0.00	3,523	145.61	0.00
30.40	0.00	3,523	145.61	0.00
30.50	0.00	3,523	145.61	0.00
30.60	0.00	3,523	145.61	0.00
30.70	0.00	3,523	145.61	0.00
30.80	0.00	3,523	145.61	0.00
30.90	0.00	3,523	145.61	0.00
31.00	0.00	3,523	145.61	0.00
31.10	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,523	145.61	0.00
31.30	0.00	3,523	145.61	0.00
31.40	0.00	3,523	145.61	0.00
31.50	0.00	3,523	145.61	0.00
31.60	0.00	3,523	145.61	0.00
31.70	0.00	3,523	145.61	0.00
31.80	0.00	3,523	145.61	0.00
31.90	0.00	3,523	145.61	0.00
32.00	0.00	3,523	145.61	0.00
32.10	0.00	3,523	145.61	0.00
32.20	0.00	3,523	145.61	0.00
32.30	0.00	3,523	145.61	0.00
32.40	0.00	3,523	145.61	0.00
32.50	0.00	3,523	145.61	0.00
32.60	0.00	3,523	145.61	0.00
32.70	0.00	3,523	145.61	0.00
32.80	0.00	3,523	145.61	0.00
32.90	0.00	3,523	145.61	0.00
33.00	0.00	3,523	145.61	0.00
33.10	0.00	3,523	145.61	0.00
33.20	0.00	3,523	145.61	0.00
33.30	0.00	3,523	145.61	0.00
33.40	0.00	3,523	145.61	0.00
33.50	0.00	3,523	145.61	0.00
33.60	0.00	3,523	145.61	0.00
33.70	0.00	3,523	145.61	0.00
33.80	0.00	3,523	145.61	0.00
33.90	0.00	3,523	145.61	0.00
34.00	0.00	3,523	145.61	0.00
34.10	0.00	3,523	145.61	0.00
34.20	0.00	3,523	145.61	0.00
34.30	0.00	3,523	145.61	0.00
34.40	0.00	3,523	145.61	0.00
34.50	0.00	3,523	145.61	0.00
34.60	0.00	3,523	145.61	0.00
34.70	0.00	3,523	145.61	0.00
34.80	0.00	3,523	145.61	0.00
34.90	0.00	3,523	145.61	0.00
35.00	0.00	3,523	145.61	0.00
35.10	0.00	3,523	145.61	0.00
35.20	0.00	3,523	145.61	0.00
35.30	0.00	3,523	145.61	0.00
35.40	0.00	3,523	145.61	0.00
35.50	0.00	3,523	145.61	0.00
35.60	0.00	3,523	145.61	0.00
35.70	0.00	3,523	145.61	0.00
35.80	0.00	3,523	145.61	0.00
35.90	0.00	3,523	145.61	0.00
36.00	0.00	3,523	145.61	0.00
36.10	0.00	3,523	145.61	0.00
36.20	0.00	3,523	145.61	0.00
36.30	0.00	3,523	145.61	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,523	145.61	0.00
36.50	0.00	3,523	145.61	0.00
36.60	0.00	3,523	145.61	0.00
36.70	0.00	3,523	145.61	0.00
36.80	0.00	3,523	145.61	0.00
36.90	0.00	3,523	145.61	0.00
37.00	0.00	3,523	145.61	0.00
37.10	0.00	3,523	145.61	0.00
37.20	0.00	3,523	145.61	0.00
37.30	0.00	3,523	145.61	0.00
37.40	0.00	3,523	145.61	0.00
37.50	0.00	3,523	145.61	0.00
37.60	0.00	3,523	145.61	0.00
37.70	0.00	3,523	145.61	0.00
37.80	0.00	3,523	145.61	0.00
37.90	0.00	3,523	145.61	0.00
38.00	0.00	3,523	145.61	0.00
38.10	0.00	3,523	145.61	0.00
38.20	0.00	3,523	145.61	0.00
38.30	0.00	3,523	145.61	0.00
38.40	0.00	3,523	145.61	0.00
38.50	0.00	3,523	145.61	0.00
38.60	0.00	3,523	145.61	0.00
38.70	0.00	3,523	145.61	0.00
38.80	0.00	3,523	145.61	0.00
38.90	0.00	3,523	145.61	0.00
39.00	0.00	3,523	145.61	0.00
39.10	0.00	3,523	145.61	0.00
39.20	0.00	3,523	145.61	0.00
39.30	0.00	3,523	145.61	0.00
39.40	0.00	3,523	145.61	0.00
39.50	0.00	3,523	145.61	0.00
39.60	0.00	3,523	145.61	0.00
39.70	0.00	3,523	145.61	0.00
39.80	0.00	3,523	145.61	0.00
39.90	0.00	3,523	145.61	0.00
40.00	0.00	3,523	145.61	0.00

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 0.43" for WQ Storm event
 Inflow = 2.41 cfs @ 1.15 hrs, Volume= 0.087 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.44' @ 2.60 hrs Surf.Area= 8,782 sf Storage= 3,791 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

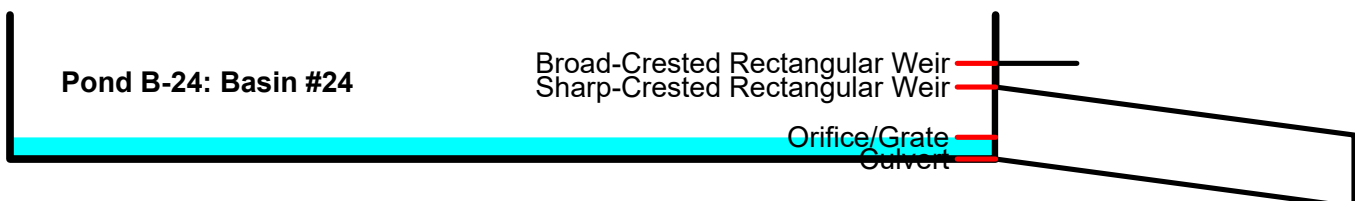
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

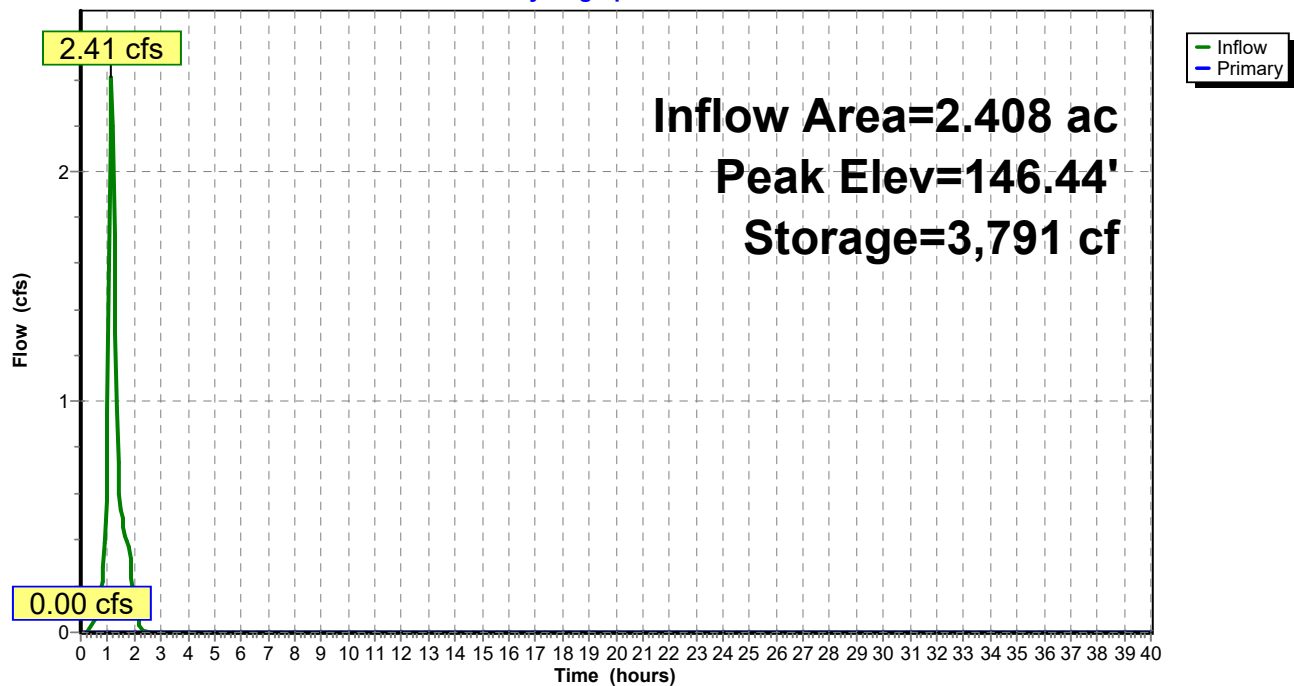
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=146.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.04	7	146.00	0.00
0.60	0.09	31	146.00	0.00
0.70	0.16	77	146.01	0.00
0.80	0.22	145	146.02	0.00
0.90	0.39	250	146.03	0.00
1.00	0.95	474	146.06	0.00
1.10	2.14	1,036	146.12	0.00
1.20	2.20	1,860	146.22	0.00
1.30	1.30	2,486	146.29	0.00
1.40	0.74	2,845	146.33	0.00
1.50	0.53	3,067	146.36	0.00
1.60	0.46	3,245	146.38	0.00
1.70	0.39	3,397	146.40	0.00
1.80	0.37	3,534	146.41	0.00
1.90	0.24	3,646	146.43	0.00
2.00	0.15	3,714	146.43	0.00
2.10	0.10	3,761	146.44	0.00
2.20	0.03	3,784	146.44	0.00
2.30	0.01	3,789	146.44	0.00
2.40	0.00	3,790	146.44	0.00
2.50	0.00	3,791	146.44	0.00
2.60	0.00	3,791	146.44	0.00
2.70	0.00	3,791	146.44	0.00
2.80	0.00	3,791	146.44	0.00
2.90	0.00	3,791	146.44	0.00
3.00	0.00	3,791	146.44	0.00
3.10	0.00	3,791	146.44	0.00
3.20	0.00	3,791	146.44	0.00
3.30	0.00	3,791	146.44	0.00
3.40	0.00	3,791	146.44	0.00
3.50	0.00	3,791	146.44	0.00
3.60	0.00	3,791	146.44	0.00
3.70	0.00	3,791	146.44	0.00
3.80	0.00	3,791	146.44	0.00
3.90	0.00	3,791	146.44	0.00
4.00	0.00	3,791	146.44	0.00
4.10	0.00	3,791	146.44	0.00
4.20	0.00	3,791	146.44	0.00
4.30	0.00	3,791	146.44	0.00
4.40	0.00	3,791	146.44	0.00
4.50	0.00	3,791	146.44	0.00
4.60	0.00	3,791	146.44	0.00
4.70	0.00	3,791	146.44	0.00
4.80	0.00	3,791	146.44	0.00
4.90	0.00	3,791	146.44	0.00
5.00	0.00	3,791	146.44	0.00
5.10	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,791	146.44	0.00
5.30	0.00	3,791	146.44	0.00
5.40	0.00	3,791	146.44	0.00
5.50	0.00	3,791	146.44	0.00
5.60	0.00	3,791	146.44	0.00
5.70	0.00	3,791	146.44	0.00
5.80	0.00	3,791	146.44	0.00
5.90	0.00	3,791	146.44	0.00
6.00	0.00	3,791	146.44	0.00
6.10	0.00	3,791	146.44	0.00
6.20	0.00	3,791	146.44	0.00
6.30	0.00	3,791	146.44	0.00
6.40	0.00	3,791	146.44	0.00
6.50	0.00	3,791	146.44	0.00
6.60	0.00	3,791	146.44	0.00
6.70	0.00	3,791	146.44	0.00
6.80	0.00	3,791	146.44	0.00
6.90	0.00	3,791	146.44	0.00
7.00	0.00	3,791	146.44	0.00
7.10	0.00	3,791	146.44	0.00
7.20	0.00	3,791	146.44	0.00
7.30	0.00	3,791	146.44	0.00
7.40	0.00	3,791	146.44	0.00
7.50	0.00	3,791	146.44	0.00
7.60	0.00	3,791	146.44	0.00
7.70	0.00	3,791	146.44	0.00
7.80	0.00	3,791	146.44	0.00
7.90	0.00	3,791	146.44	0.00
8.00	0.00	3,791	146.44	0.00
8.10	0.00	3,791	146.44	0.00
8.20	0.00	3,791	146.44	0.00
8.30	0.00	3,791	146.44	0.00
8.40	0.00	3,791	146.44	0.00
8.50	0.00	3,791	146.44	0.00
8.60	0.00	3,791	146.44	0.00
8.70	0.00	3,791	146.44	0.00
8.80	0.00	3,791	146.44	0.00
8.90	0.00	3,791	146.44	0.00
9.00	0.00	3,791	146.44	0.00
9.10	0.00	3,791	146.44	0.00
9.20	0.00	3,791	146.44	0.00
9.30	0.00	3,791	146.44	0.00
9.40	0.00	3,791	146.44	0.00
9.50	0.00	3,791	146.44	0.00
9.60	0.00	3,791	146.44	0.00
9.70	0.00	3,791	146.44	0.00
9.80	0.00	3,791	146.44	0.00
9.90	0.00	3,791	146.44	0.00
10.00	0.00	3,791	146.44	0.00
10.10	0.00	3,791	146.44	0.00
10.20	0.00	3,791	146.44	0.00
10.30	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,791	146.44	0.00
10.50	0.00	3,791	146.44	0.00
10.60	0.00	3,791	146.44	0.00
10.70	0.00	3,791	146.44	0.00
10.80	0.00	3,791	146.44	0.00
10.90	0.00	3,791	146.44	0.00
11.00	0.00	3,791	146.44	0.00
11.10	0.00	3,791	146.44	0.00
11.20	0.00	3,791	146.44	0.00
11.30	0.00	3,791	146.44	0.00
11.40	0.00	3,791	146.44	0.00
11.50	0.00	3,791	146.44	0.00
11.60	0.00	3,791	146.44	0.00
11.70	0.00	3,791	146.44	0.00
11.80	0.00	3,791	146.44	0.00
11.90	0.00	3,791	146.44	0.00
12.00	0.00	3,791	146.44	0.00
12.10	0.00	3,791	146.44	0.00
12.20	0.00	3,791	146.44	0.00
12.30	0.00	3,791	146.44	0.00
12.40	0.00	3,791	146.44	0.00
12.50	0.00	3,791	146.44	0.00
12.60	0.00	3,791	146.44	0.00
12.70	0.00	3,791	146.44	0.00
12.80	0.00	3,791	146.44	0.00
12.90	0.00	3,791	146.44	0.00
13.00	0.00	3,791	146.44	0.00
13.10	0.00	3,791	146.44	0.00
13.20	0.00	3,791	146.44	0.00
13.30	0.00	3,791	146.44	0.00
13.40	0.00	3,791	146.44	0.00
13.50	0.00	3,791	146.44	0.00
13.60	0.00	3,791	146.44	0.00
13.70	0.00	3,791	146.44	0.00
13.80	0.00	3,791	146.44	0.00
13.90	0.00	3,791	146.44	0.00
14.00	0.00	3,791	146.44	0.00
14.10	0.00	3,791	146.44	0.00
14.20	0.00	3,791	146.44	0.00
14.30	0.00	3,791	146.44	0.00
14.40	0.00	3,791	146.44	0.00
14.50	0.00	3,791	146.44	0.00
14.60	0.00	3,791	146.44	0.00
14.70	0.00	3,791	146.44	0.00
14.80	0.00	3,791	146.44	0.00
14.90	0.00	3,791	146.44	0.00
15.00	0.00	3,791	146.44	0.00
15.10	0.00	3,791	146.44	0.00
15.20	0.00	3,791	146.44	0.00
15.30	0.00	3,791	146.44	0.00
15.40	0.00	3,791	146.44	0.00
15.50	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,791	146.44	0.00
15.70	0.00	3,791	146.44	0.00
15.80	0.00	3,791	146.44	0.00
15.90	0.00	3,791	146.44	0.00
16.00	0.00	3,791	146.44	0.00
16.10	0.00	3,791	146.44	0.00
16.20	0.00	3,791	146.44	0.00
16.30	0.00	3,791	146.44	0.00
16.40	0.00	3,791	146.44	0.00
16.50	0.00	3,791	146.44	0.00
16.60	0.00	3,791	146.44	0.00
16.70	0.00	3,791	146.44	0.00
16.80	0.00	3,791	146.44	0.00
16.90	0.00	3,791	146.44	0.00
17.00	0.00	3,791	146.44	0.00
17.10	0.00	3,791	146.44	0.00
17.20	0.00	3,791	146.44	0.00
17.30	0.00	3,791	146.44	0.00
17.40	0.00	3,791	146.44	0.00
17.50	0.00	3,791	146.44	0.00
17.60	0.00	3,791	146.44	0.00
17.70	0.00	3,791	146.44	0.00
17.80	0.00	3,791	146.44	0.00
17.90	0.00	3,791	146.44	0.00
18.00	0.00	3,791	146.44	0.00
18.10	0.00	3,791	146.44	0.00
18.20	0.00	3,791	146.44	0.00
18.30	0.00	3,791	146.44	0.00
18.40	0.00	3,791	146.44	0.00
18.50	0.00	3,791	146.44	0.00
18.60	0.00	3,791	146.44	0.00
18.70	0.00	3,791	146.44	0.00
18.80	0.00	3,791	146.44	0.00
18.90	0.00	3,791	146.44	0.00
19.00	0.00	3,791	146.44	0.00
19.10	0.00	3,791	146.44	0.00
19.20	0.00	3,791	146.44	0.00
19.30	0.00	3,791	146.44	0.00
19.40	0.00	3,791	146.44	0.00
19.50	0.00	3,791	146.44	0.00
19.60	0.00	3,791	146.44	0.00
19.70	0.00	3,791	146.44	0.00
19.80	0.00	3,791	146.44	0.00
19.90	0.00	3,791	146.44	0.00
20.00	0.00	3,791	146.44	0.00
20.10	0.00	3,791	146.44	0.00
20.20	0.00	3,791	146.44	0.00
20.30	0.00	3,791	146.44	0.00
20.40	0.00	3,791	146.44	0.00
20.50	0.00	3,791	146.44	0.00
20.60	0.00	3,791	146.44	0.00
20.70	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,791	146.44	0.00
20.90	0.00	3,791	146.44	0.00
21.00	0.00	3,791	146.44	0.00
21.10	0.00	3,791	146.44	0.00
21.20	0.00	3,791	146.44	0.00
21.30	0.00	3,791	146.44	0.00
21.40	0.00	3,791	146.44	0.00
21.50	0.00	3,791	146.44	0.00
21.60	0.00	3,791	146.44	0.00
21.70	0.00	3,791	146.44	0.00
21.80	0.00	3,791	146.44	0.00
21.90	0.00	3,791	146.44	0.00
22.00	0.00	3,791	146.44	0.00
22.10	0.00	3,791	146.44	0.00
22.20	0.00	3,791	146.44	0.00
22.30	0.00	3,791	146.44	0.00
22.40	0.00	3,791	146.44	0.00
22.50	0.00	3,791	146.44	0.00
22.60	0.00	3,791	146.44	0.00
22.70	0.00	3,791	146.44	0.00
22.80	0.00	3,791	146.44	0.00
22.90	0.00	3,791	146.44	0.00
23.00	0.00	3,791	146.44	0.00
23.10	0.00	3,791	146.44	0.00
23.20	0.00	3,791	146.44	0.00
23.30	0.00	3,791	146.44	0.00
23.40	0.00	3,791	146.44	0.00
23.50	0.00	3,791	146.44	0.00
23.60	0.00	3,791	146.44	0.00
23.70	0.00	3,791	146.44	0.00
23.80	0.00	3,791	146.44	0.00
23.90	0.00	3,791	146.44	0.00
24.00	0.00	3,791	146.44	0.00
24.10	0.00	3,791	146.44	0.00
24.20	0.00	3,791	146.44	0.00
24.30	0.00	3,791	146.44	0.00
24.40	0.00	3,791	146.44	0.00
24.50	0.00	3,791	146.44	0.00
24.60	0.00	3,791	146.44	0.00
24.70	0.00	3,791	146.44	0.00
24.80	0.00	3,791	146.44	0.00
24.90	0.00	3,791	146.44	0.00
25.00	0.00	3,791	146.44	0.00
25.10	0.00	3,791	146.44	0.00
25.20	0.00	3,791	146.44	0.00
25.30	0.00	3,791	146.44	0.00
25.40	0.00	3,791	146.44	0.00
25.50	0.00	3,791	146.44	0.00
25.60	0.00	3,791	146.44	0.00
25.70	0.00	3,791	146.44	0.00
25.80	0.00	3,791	146.44	0.00
25.90	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,791	146.44	0.00
26.10	0.00	3,791	146.44	0.00
26.20	0.00	3,791	146.44	0.00
26.30	0.00	3,791	146.44	0.00
26.40	0.00	3,791	146.44	0.00
26.50	0.00	3,791	146.44	0.00
26.60	0.00	3,791	146.44	0.00
26.70	0.00	3,791	146.44	0.00
26.80	0.00	3,791	146.44	0.00
26.90	0.00	3,791	146.44	0.00
27.00	0.00	3,791	146.44	0.00
27.10	0.00	3,791	146.44	0.00
27.20	0.00	3,791	146.44	0.00
27.30	0.00	3,791	146.44	0.00
27.40	0.00	3,791	146.44	0.00
27.50	0.00	3,791	146.44	0.00
27.60	0.00	3,791	146.44	0.00
27.70	0.00	3,791	146.44	0.00
27.80	0.00	3,791	146.44	0.00
27.90	0.00	3,791	146.44	0.00
28.00	0.00	3,791	146.44	0.00
28.10	0.00	3,791	146.44	0.00
28.20	0.00	3,791	146.44	0.00
28.30	0.00	3,791	146.44	0.00
28.40	0.00	3,791	146.44	0.00
28.50	0.00	3,791	146.44	0.00
28.60	0.00	3,791	146.44	0.00
28.70	0.00	3,791	146.44	0.00
28.80	0.00	3,791	146.44	0.00
28.90	0.00	3,791	146.44	0.00
29.00	0.00	3,791	146.44	0.00
29.10	0.00	3,791	146.44	0.00
29.20	0.00	3,791	146.44	0.00
29.30	0.00	3,791	146.44	0.00
29.40	0.00	3,791	146.44	0.00
29.50	0.00	3,791	146.44	0.00
29.60	0.00	3,791	146.44	0.00
29.70	0.00	3,791	146.44	0.00
29.80	0.00	3,791	146.44	0.00
29.90	0.00	3,791	146.44	0.00
30.00	0.00	3,791	146.44	0.00
30.10	0.00	3,791	146.44	0.00
30.20	0.00	3,791	146.44	0.00
30.30	0.00	3,791	146.44	0.00
30.40	0.00	3,791	146.44	0.00
30.50	0.00	3,791	146.44	0.00
30.60	0.00	3,791	146.44	0.00
30.70	0.00	3,791	146.44	0.00
30.80	0.00	3,791	146.44	0.00
30.90	0.00	3,791	146.44	0.00
31.00	0.00	3,791	146.44	0.00
31.10	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,791	146.44	0.00
31.30	0.00	3,791	146.44	0.00
31.40	0.00	3,791	146.44	0.00
31.50	0.00	3,791	146.44	0.00
31.60	0.00	3,791	146.44	0.00
31.70	0.00	3,791	146.44	0.00
31.80	0.00	3,791	146.44	0.00
31.90	0.00	3,791	146.44	0.00
32.00	0.00	3,791	146.44	0.00
32.10	0.00	3,791	146.44	0.00
32.20	0.00	3,791	146.44	0.00
32.30	0.00	3,791	146.44	0.00
32.40	0.00	3,791	146.44	0.00
32.50	0.00	3,791	146.44	0.00
32.60	0.00	3,791	146.44	0.00
32.70	0.00	3,791	146.44	0.00
32.80	0.00	3,791	146.44	0.00
32.90	0.00	3,791	146.44	0.00
33.00	0.00	3,791	146.44	0.00
33.10	0.00	3,791	146.44	0.00
33.20	0.00	3,791	146.44	0.00
33.30	0.00	3,791	146.44	0.00
33.40	0.00	3,791	146.44	0.00
33.50	0.00	3,791	146.44	0.00
33.60	0.00	3,791	146.44	0.00
33.70	0.00	3,791	146.44	0.00
33.80	0.00	3,791	146.44	0.00
33.90	0.00	3,791	146.44	0.00
34.00	0.00	3,791	146.44	0.00
34.10	0.00	3,791	146.44	0.00
34.20	0.00	3,791	146.44	0.00
34.30	0.00	3,791	146.44	0.00
34.40	0.00	3,791	146.44	0.00
34.50	0.00	3,791	146.44	0.00
34.60	0.00	3,791	146.44	0.00
34.70	0.00	3,791	146.44	0.00
34.80	0.00	3,791	146.44	0.00
34.90	0.00	3,791	146.44	0.00
35.00	0.00	3,791	146.44	0.00
35.10	0.00	3,791	146.44	0.00
35.20	0.00	3,791	146.44	0.00
35.30	0.00	3,791	146.44	0.00
35.40	0.00	3,791	146.44	0.00
35.50	0.00	3,791	146.44	0.00
35.60	0.00	3,791	146.44	0.00
35.70	0.00	3,791	146.44	0.00
35.80	0.00	3,791	146.44	0.00
35.90	0.00	3,791	146.44	0.00
36.00	0.00	3,791	146.44	0.00
36.10	0.00	3,791	146.44	0.00
36.20	0.00	3,791	146.44	0.00
36.30	0.00	3,791	146.44	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,791	146.44	0.00
36.50	0.00	3,791	146.44	0.00
36.60	0.00	3,791	146.44	0.00
36.70	0.00	3,791	146.44	0.00
36.80	0.00	3,791	146.44	0.00
36.90	0.00	3,791	146.44	0.00
37.00	0.00	3,791	146.44	0.00
37.10	0.00	3,791	146.44	0.00
37.20	0.00	3,791	146.44	0.00
37.30	0.00	3,791	146.44	0.00
37.40	0.00	3,791	146.44	0.00
37.50	0.00	3,791	146.44	0.00
37.60	0.00	3,791	146.44	0.00
37.70	0.00	3,791	146.44	0.00
37.80	0.00	3,791	146.44	0.00
37.90	0.00	3,791	146.44	0.00
38.00	0.00	3,791	146.44	0.00
38.10	0.00	3,791	146.44	0.00
38.20	0.00	3,791	146.44	0.00
38.30	0.00	3,791	146.44	0.00
38.40	0.00	3,791	146.44	0.00
38.50	0.00	3,791	146.44	0.00
38.60	0.00	3,791	146.44	0.00
38.70	0.00	3,791	146.44	0.00
38.80	0.00	3,791	146.44	0.00
38.90	0.00	3,791	146.44	0.00
39.00	0.00	3,791	146.44	0.00
39.10	0.00	3,791	146.44	0.00
39.20	0.00	3,791	146.44	0.00
39.30	0.00	3,791	146.44	0.00
39.40	0.00	3,791	146.44	0.00
39.50	0.00	3,791	146.44	0.00
39.60	0.00	3,791	146.44	0.00
39.70	0.00	3,791	146.44	0.00
39.80	0.00	3,791	146.44	0.00
39.90	0.00	3,791	146.44	0.00
40.00	0.00	3,791	146.44	0.00

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 2.34 cfs @ 1.15 hrs, Volume= 0.085 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 144.74' @ 2.60 hrs Surf.Area= 5,354 sf Storage= 3,717 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

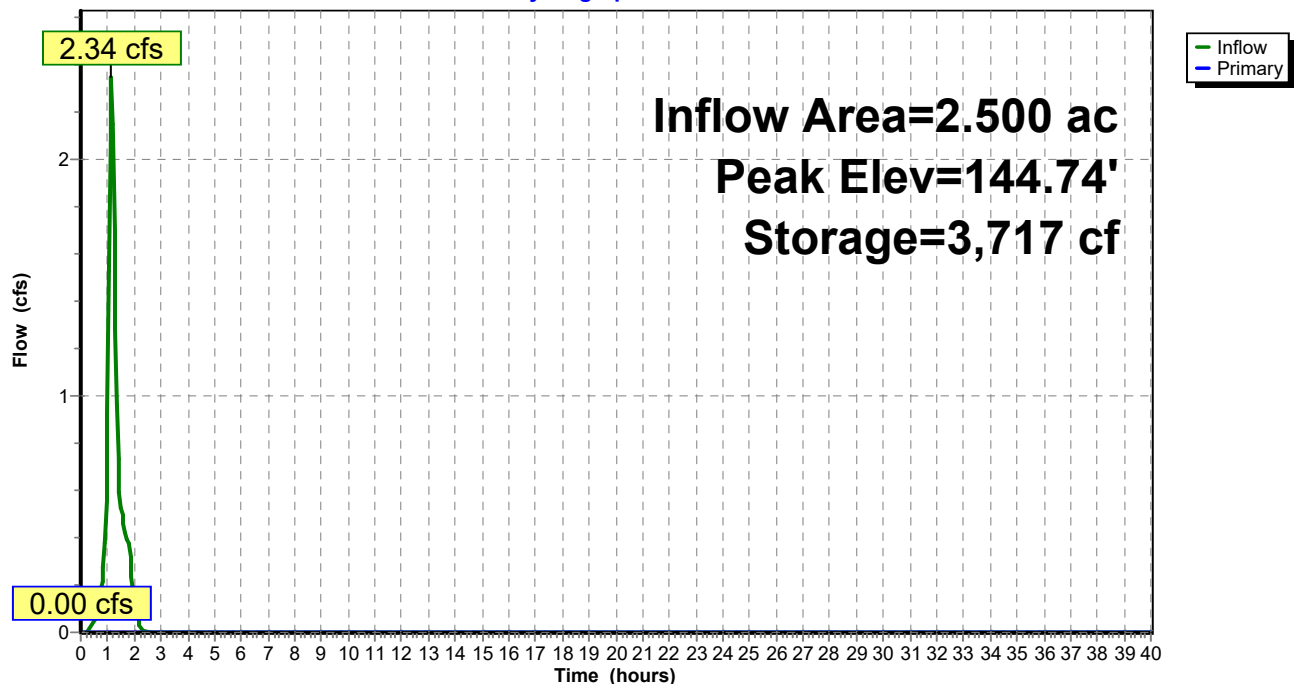
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=144.00' (Free Discharge)

- 1=Culvert (Passes 0.00 cfs of 2.14 cfs potential flow)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.04	7	144.00	0.00
0.60	0.09	30	144.01	0.00
0.70	0.16	74	144.02	0.00
0.80	0.21	141	144.03	0.00
0.90	0.38	242	144.05	0.00
1.00	0.92	459	144.10	0.00
1.10	2.08	1,004	144.21	0.00
1.20	2.15	1,806	144.37	0.00
1.30	1.28	2,420	144.49	0.00
1.40	0.73	2,774	144.56	0.00
1.50	0.53	2,995	144.60	0.00
1.60	0.46	3,172	144.64	0.00
1.70	0.39	3,324	144.67	0.00
1.80	0.37	3,461	144.69	0.00
1.90	0.24	3,573	144.71	0.00
2.00	0.15	3,641	144.72	0.00
2.10	0.10	3,688	144.73	0.00
2.20	0.03	3,711	144.74	0.00
2.30	0.01	3,716	144.74	0.00
2.40	0.00	3,717	144.74	0.00
2.50	0.00	3,718	144.74	0.00
2.60	0.00	3,718	144.74	0.00
2.70	0.00	3,718	144.74	0.00
2.80	0.00	3,718	144.74	0.00
2.90	0.00	3,718	144.74	0.00
3.00	0.00	3,718	144.74	0.00
3.10	0.00	3,718	144.74	0.00
3.20	0.00	3,718	144.74	0.00
3.30	0.00	3,718	144.74	0.00
3.40	0.00	3,718	144.74	0.00
3.50	0.00	3,718	144.74	0.00
3.60	0.00	3,718	144.74	0.00
3.70	0.00	3,718	144.74	0.00
3.80	0.00	3,718	144.74	0.00
3.90	0.00	3,718	144.74	0.00
4.00	0.00	3,718	144.74	0.00
4.10	0.00	3,718	144.74	0.00
4.20	0.00	3,718	144.74	0.00
4.30	0.00	3,718	144.74	0.00
4.40	0.00	3,718	144.74	0.00
4.50	0.00	3,718	144.74	0.00
4.60	0.00	3,718	144.74	0.00
4.70	0.00	3,718	144.74	0.00
4.80	0.00	3,718	144.74	0.00
4.90	0.00	3,718	144.74	0.00
5.00	0.00	3,718	144.74	0.00
5.10	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,718	144.74	0.00
5.30	0.00	3,718	144.74	0.00
5.40	0.00	3,718	144.74	0.00
5.50	0.00	3,718	144.74	0.00
5.60	0.00	3,718	144.74	0.00
5.70	0.00	3,718	144.74	0.00
5.80	0.00	3,718	144.74	0.00
5.90	0.00	3,718	144.74	0.00
6.00	0.00	3,718	144.74	0.00
6.10	0.00	3,718	144.74	0.00
6.20	0.00	3,718	144.74	0.00
6.30	0.00	3,718	144.74	0.00
6.40	0.00	3,718	144.74	0.00
6.50	0.00	3,718	144.74	0.00
6.60	0.00	3,718	144.74	0.00
6.70	0.00	3,718	144.74	0.00
6.80	0.00	3,718	144.74	0.00
6.90	0.00	3,718	144.74	0.00
7.00	0.00	3,718	144.74	0.00
7.10	0.00	3,718	144.74	0.00
7.20	0.00	3,718	144.74	0.00
7.30	0.00	3,718	144.74	0.00
7.40	0.00	3,718	144.74	0.00
7.50	0.00	3,718	144.74	0.00
7.60	0.00	3,718	144.74	0.00
7.70	0.00	3,718	144.74	0.00
7.80	0.00	3,718	144.74	0.00
7.90	0.00	3,718	144.74	0.00
8.00	0.00	3,718	144.74	0.00
8.10	0.00	3,718	144.74	0.00
8.20	0.00	3,718	144.74	0.00
8.30	0.00	3,718	144.74	0.00
8.40	0.00	3,718	144.74	0.00
8.50	0.00	3,718	144.74	0.00
8.60	0.00	3,718	144.74	0.00
8.70	0.00	3,718	144.74	0.00
8.80	0.00	3,718	144.74	0.00
8.90	0.00	3,718	144.74	0.00
9.00	0.00	3,718	144.74	0.00
9.10	0.00	3,718	144.74	0.00
9.20	0.00	3,718	144.74	0.00
9.30	0.00	3,718	144.74	0.00
9.40	0.00	3,718	144.74	0.00
9.50	0.00	3,718	144.74	0.00
9.60	0.00	3,718	144.74	0.00
9.70	0.00	3,718	144.74	0.00
9.80	0.00	3,718	144.74	0.00
9.90	0.00	3,718	144.74	0.00
10.00	0.00	3,718	144.74	0.00
10.10	0.00	3,718	144.74	0.00
10.20	0.00	3,718	144.74	0.00
10.30	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,718	144.74	0.00
10.50	0.00	3,718	144.74	0.00
10.60	0.00	3,718	144.74	0.00
10.70	0.00	3,718	144.74	0.00
10.80	0.00	3,718	144.74	0.00
10.90	0.00	3,718	144.74	0.00
11.00	0.00	3,718	144.74	0.00
11.10	0.00	3,718	144.74	0.00
11.20	0.00	3,718	144.74	0.00
11.30	0.00	3,718	144.74	0.00
11.40	0.00	3,718	144.74	0.00
11.50	0.00	3,718	144.74	0.00
11.60	0.00	3,718	144.74	0.00
11.70	0.00	3,718	144.74	0.00
11.80	0.00	3,718	144.74	0.00
11.90	0.00	3,718	144.74	0.00
12.00	0.00	3,718	144.74	0.00
12.10	0.00	3,718	144.74	0.00
12.20	0.00	3,718	144.74	0.00
12.30	0.00	3,718	144.74	0.00
12.40	0.00	3,718	144.74	0.00
12.50	0.00	3,718	144.74	0.00
12.60	0.00	3,718	144.74	0.00
12.70	0.00	3,718	144.74	0.00
12.80	0.00	3,718	144.74	0.00
12.90	0.00	3,718	144.74	0.00
13.00	0.00	3,718	144.74	0.00
13.10	0.00	3,718	144.74	0.00
13.20	0.00	3,718	144.74	0.00
13.30	0.00	3,718	144.74	0.00
13.40	0.00	3,718	144.74	0.00
13.50	0.00	3,718	144.74	0.00
13.60	0.00	3,718	144.74	0.00
13.70	0.00	3,718	144.74	0.00
13.80	0.00	3,718	144.74	0.00
13.90	0.00	3,718	144.74	0.00
14.00	0.00	3,718	144.74	0.00
14.10	0.00	3,718	144.74	0.00
14.20	0.00	3,718	144.74	0.00
14.30	0.00	3,718	144.74	0.00
14.40	0.00	3,718	144.74	0.00
14.50	0.00	3,718	144.74	0.00
14.60	0.00	3,718	144.74	0.00
14.70	0.00	3,718	144.74	0.00
14.80	0.00	3,718	144.74	0.00
14.90	0.00	3,718	144.74	0.00
15.00	0.00	3,718	144.74	0.00
15.10	0.00	3,718	144.74	0.00
15.20	0.00	3,718	144.74	0.00
15.30	0.00	3,718	144.74	0.00
15.40	0.00	3,718	144.74	0.00
15.50	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,718	144.74	0.00
15.70	0.00	3,718	144.74	0.00
15.80	0.00	3,718	144.74	0.00
15.90	0.00	3,718	144.74	0.00
16.00	0.00	3,718	144.74	0.00
16.10	0.00	3,718	144.74	0.00
16.20	0.00	3,718	144.74	0.00
16.30	0.00	3,718	144.74	0.00
16.40	0.00	3,718	144.74	0.00
16.50	0.00	3,718	144.74	0.00
16.60	0.00	3,718	144.74	0.00
16.70	0.00	3,718	144.74	0.00
16.80	0.00	3,718	144.74	0.00
16.90	0.00	3,718	144.74	0.00
17.00	0.00	3,718	144.74	0.00
17.10	0.00	3,718	144.74	0.00
17.20	0.00	3,718	144.74	0.00
17.30	0.00	3,718	144.74	0.00
17.40	0.00	3,718	144.74	0.00
17.50	0.00	3,718	144.74	0.00
17.60	0.00	3,718	144.74	0.00
17.70	0.00	3,718	144.74	0.00
17.80	0.00	3,718	144.74	0.00
17.90	0.00	3,718	144.74	0.00
18.00	0.00	3,718	144.74	0.00
18.10	0.00	3,718	144.74	0.00
18.20	0.00	3,718	144.74	0.00
18.30	0.00	3,718	144.74	0.00
18.40	0.00	3,718	144.74	0.00
18.50	0.00	3,718	144.74	0.00
18.60	0.00	3,718	144.74	0.00
18.70	0.00	3,718	144.74	0.00
18.80	0.00	3,718	144.74	0.00
18.90	0.00	3,718	144.74	0.00
19.00	0.00	3,718	144.74	0.00
19.10	0.00	3,718	144.74	0.00
19.20	0.00	3,718	144.74	0.00
19.30	0.00	3,718	144.74	0.00
19.40	0.00	3,718	144.74	0.00
19.50	0.00	3,718	144.74	0.00
19.60	0.00	3,718	144.74	0.00
19.70	0.00	3,718	144.74	0.00
19.80	0.00	3,718	144.74	0.00
19.90	0.00	3,718	144.74	0.00
20.00	0.00	3,718	144.74	0.00
20.10	0.00	3,718	144.74	0.00
20.20	0.00	3,718	144.74	0.00
20.30	0.00	3,718	144.74	0.00
20.40	0.00	3,718	144.74	0.00
20.50	0.00	3,718	144.74	0.00
20.60	0.00	3,718	144.74	0.00
20.70	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,718	144.74	0.00
20.90	0.00	3,718	144.74	0.00
21.00	0.00	3,718	144.74	0.00
21.10	0.00	3,718	144.74	0.00
21.20	0.00	3,718	144.74	0.00
21.30	0.00	3,718	144.74	0.00
21.40	0.00	3,718	144.74	0.00
21.50	0.00	3,718	144.74	0.00
21.60	0.00	3,718	144.74	0.00
21.70	0.00	3,718	144.74	0.00
21.80	0.00	3,718	144.74	0.00
21.90	0.00	3,718	144.74	0.00
22.00	0.00	3,718	144.74	0.00
22.10	0.00	3,718	144.74	0.00
22.20	0.00	3,718	144.74	0.00
22.30	0.00	3,718	144.74	0.00
22.40	0.00	3,718	144.74	0.00
22.50	0.00	3,718	144.74	0.00
22.60	0.00	3,718	144.74	0.00
22.70	0.00	3,718	144.74	0.00
22.80	0.00	3,718	144.74	0.00
22.90	0.00	3,718	144.74	0.00
23.00	0.00	3,718	144.74	0.00
23.10	0.00	3,718	144.74	0.00
23.20	0.00	3,718	144.74	0.00
23.30	0.00	3,718	144.74	0.00
23.40	0.00	3,718	144.74	0.00
23.50	0.00	3,718	144.74	0.00
23.60	0.00	3,718	144.74	0.00
23.70	0.00	3,718	144.74	0.00
23.80	0.00	3,718	144.74	0.00
23.90	0.00	3,718	144.74	0.00
24.00	0.00	3,718	144.74	0.00
24.10	0.00	3,718	144.74	0.00
24.20	0.00	3,718	144.74	0.00
24.30	0.00	3,718	144.74	0.00
24.40	0.00	3,718	144.74	0.00
24.50	0.00	3,718	144.74	0.00
24.60	0.00	3,718	144.74	0.00
24.70	0.00	3,718	144.74	0.00
24.80	0.00	3,718	144.74	0.00
24.90	0.00	3,718	144.74	0.00
25.00	0.00	3,718	144.74	0.00
25.10	0.00	3,718	144.74	0.00
25.20	0.00	3,718	144.74	0.00
25.30	0.00	3,718	144.74	0.00
25.40	0.00	3,718	144.74	0.00
25.50	0.00	3,718	144.74	0.00
25.60	0.00	3,718	144.74	0.00
25.70	0.00	3,718	144.74	0.00
25.80	0.00	3,718	144.74	0.00
25.90	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,718	144.74	0.00
26.10	0.00	3,718	144.74	0.00
26.20	0.00	3,718	144.74	0.00
26.30	0.00	3,718	144.74	0.00
26.40	0.00	3,718	144.74	0.00
26.50	0.00	3,718	144.74	0.00
26.60	0.00	3,718	144.74	0.00
26.70	0.00	3,718	144.74	0.00
26.80	0.00	3,718	144.74	0.00
26.90	0.00	3,718	144.74	0.00
27.00	0.00	3,718	144.74	0.00
27.10	0.00	3,718	144.74	0.00
27.20	0.00	3,718	144.74	0.00
27.30	0.00	3,718	144.74	0.00
27.40	0.00	3,718	144.74	0.00
27.50	0.00	3,718	144.74	0.00
27.60	0.00	3,718	144.74	0.00
27.70	0.00	3,718	144.74	0.00
27.80	0.00	3,718	144.74	0.00
27.90	0.00	3,718	144.74	0.00
28.00	0.00	3,718	144.74	0.00
28.10	0.00	3,718	144.74	0.00
28.20	0.00	3,718	144.74	0.00
28.30	0.00	3,718	144.74	0.00
28.40	0.00	3,718	144.74	0.00
28.50	0.00	3,718	144.74	0.00
28.60	0.00	3,718	144.74	0.00
28.70	0.00	3,718	144.74	0.00
28.80	0.00	3,718	144.74	0.00
28.90	0.00	3,718	144.74	0.00
29.00	0.00	3,718	144.74	0.00
29.10	0.00	3,718	144.74	0.00
29.20	0.00	3,718	144.74	0.00
29.30	0.00	3,718	144.74	0.00
29.40	0.00	3,718	144.74	0.00
29.50	0.00	3,718	144.74	0.00
29.60	0.00	3,718	144.74	0.00
29.70	0.00	3,718	144.74	0.00
29.80	0.00	3,718	144.74	0.00
29.90	0.00	3,718	144.74	0.00
30.00	0.00	3,718	144.74	0.00
30.10	0.00	3,718	144.74	0.00
30.20	0.00	3,718	144.74	0.00
30.30	0.00	3,718	144.74	0.00
30.40	0.00	3,718	144.74	0.00
30.50	0.00	3,718	144.74	0.00
30.60	0.00	3,718	144.74	0.00
30.70	0.00	3,718	144.74	0.00
30.80	0.00	3,718	144.74	0.00
30.90	0.00	3,718	144.74	0.00
31.00	0.00	3,718	144.74	0.00
31.10	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,718	144.74	0.00
31.30	0.00	3,718	144.74	0.00
31.40	0.00	3,718	144.74	0.00
31.50	0.00	3,718	144.74	0.00
31.60	0.00	3,718	144.74	0.00
31.70	0.00	3,718	144.74	0.00
31.80	0.00	3,718	144.74	0.00
31.90	0.00	3,718	144.74	0.00
32.00	0.00	3,718	144.74	0.00
32.10	0.00	3,718	144.74	0.00
32.20	0.00	3,718	144.74	0.00
32.30	0.00	3,718	144.74	0.00
32.40	0.00	3,718	144.74	0.00
32.50	0.00	3,718	144.74	0.00
32.60	0.00	3,718	144.74	0.00
32.70	0.00	3,718	144.74	0.00
32.80	0.00	3,718	144.74	0.00
32.90	0.00	3,718	144.74	0.00
33.00	0.00	3,718	144.74	0.00
33.10	0.00	3,718	144.74	0.00
33.20	0.00	3,718	144.74	0.00
33.30	0.00	3,718	144.74	0.00
33.40	0.00	3,718	144.74	0.00
33.50	0.00	3,718	144.74	0.00
33.60	0.00	3,718	144.74	0.00
33.70	0.00	3,718	144.74	0.00
33.80	0.00	3,718	144.74	0.00
33.90	0.00	3,718	144.74	0.00
34.00	0.00	3,718	144.74	0.00
34.10	0.00	3,718	144.74	0.00
34.20	0.00	3,718	144.74	0.00
34.30	0.00	3,718	144.74	0.00
34.40	0.00	3,718	144.74	0.00
34.50	0.00	3,718	144.74	0.00
34.60	0.00	3,718	144.74	0.00
34.70	0.00	3,718	144.74	0.00
34.80	0.00	3,718	144.74	0.00
34.90	0.00	3,718	144.74	0.00
35.00	0.00	3,718	144.74	0.00
35.10	0.00	3,718	144.74	0.00
35.20	0.00	3,718	144.74	0.00
35.30	0.00	3,718	144.74	0.00
35.40	0.00	3,718	144.74	0.00
35.50	0.00	3,718	144.74	0.00
35.60	0.00	3,718	144.74	0.00
35.70	0.00	3,718	144.74	0.00
35.80	0.00	3,718	144.74	0.00
35.90	0.00	3,718	144.74	0.00
36.00	0.00	3,718	144.74	0.00
36.10	0.00	3,718	144.74	0.00
36.20	0.00	3,718	144.74	0.00
36.30	0.00	3,718	144.74	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,718	144.74	0.00
36.50	0.00	3,718	144.74	0.00
36.60	0.00	3,718	144.74	0.00
36.70	0.00	3,718	144.74	0.00
36.80	0.00	3,718	144.74	0.00
36.90	0.00	3,718	144.74	0.00
37.00	0.00	3,718	144.74	0.00
37.10	0.00	3,718	144.74	0.00
37.20	0.00	3,718	144.74	0.00
37.30	0.00	3,718	144.74	0.00
37.40	0.00	3,718	144.74	0.00
37.50	0.00	3,718	144.74	0.00
37.60	0.00	3,718	144.74	0.00
37.70	0.00	3,718	144.74	0.00
37.80	0.00	3,718	144.74	0.00
37.90	0.00	3,718	144.74	0.00
38.00	0.00	3,718	144.74	0.00
38.10	0.00	3,718	144.74	0.00
38.20	0.00	3,718	144.74	0.00
38.30	0.00	3,718	144.74	0.00
38.40	0.00	3,718	144.74	0.00
38.50	0.00	3,718	144.74	0.00
38.60	0.00	3,718	144.74	0.00
38.70	0.00	3,718	144.74	0.00
38.80	0.00	3,718	144.74	0.00
38.90	0.00	3,718	144.74	0.00
39.00	0.00	3,718	144.74	0.00
39.10	0.00	3,718	144.74	0.00
39.20	0.00	3,718	144.74	0.00
39.30	0.00	3,718	144.74	0.00
39.40	0.00	3,718	144.74	0.00
39.50	0.00	3,718	144.74	0.00
39.60	0.00	3,718	144.74	0.00
39.70	0.00	3,718	144.74	0.00
39.80	0.00	3,718	144.74	0.00
39.90	0.00	3,718	144.74	0.00
40.00	0.00	3,718	144.74	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 0.46" for WQ Storm event
 Inflow = 2.51 cfs @ 1.15 hrs, Volume= 0.090 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 144.70' @ 2.60 hrs Surf.Area= 5,815 sf Storage= 3,926 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

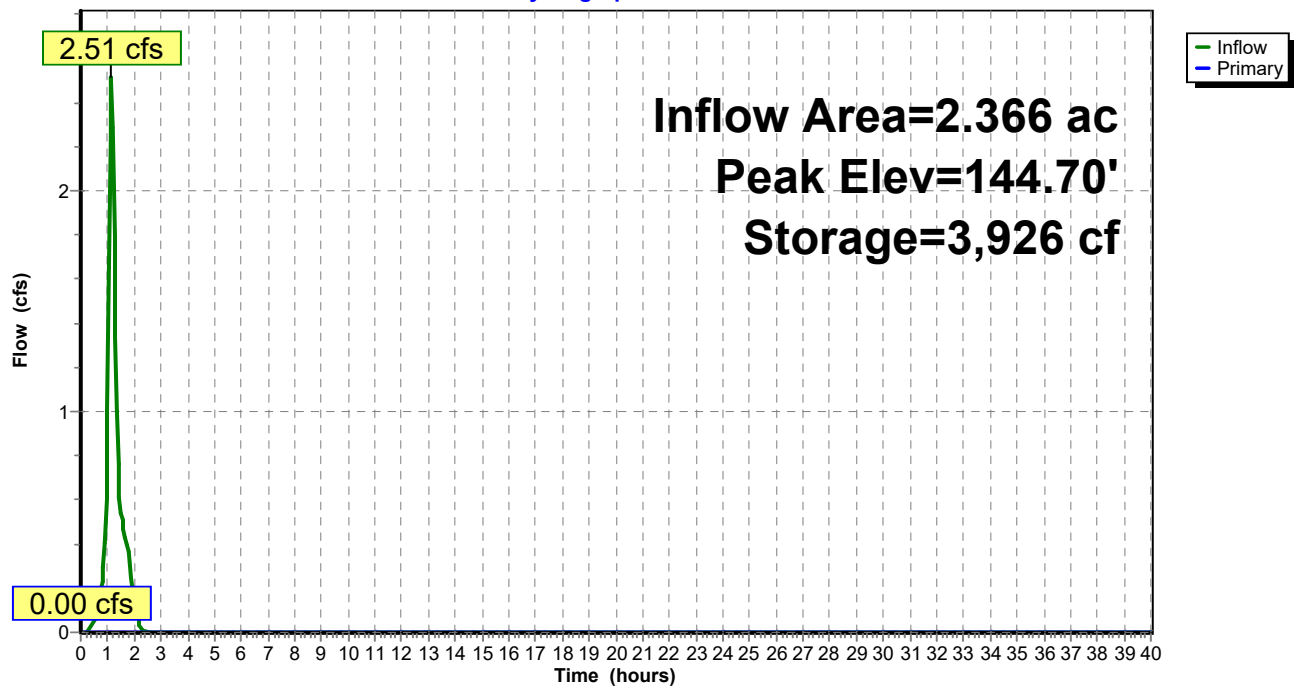
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=144.00' (Free Discharge)

- 1=Culvert (Passes 0.00 cfs of 1.96 cfs potential flow)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.04	8	144.00	0.00
0.60	0.10	32	144.01	0.00
0.70	0.17	80	144.01	0.00
0.80	0.23	152	144.03	0.00
0.90	0.41	262	144.05	0.00
1.00	1.00	496	144.09	0.00
1.10	2.24	1,084	144.20	0.00
1.20	2.28	1,943	144.35	0.00
1.30	1.34	2,591	144.46	0.00
1.40	0.76	2,961	144.53	0.00
1.50	0.54	3,188	144.57	0.00
1.60	0.47	3,371	144.60	0.00
1.70	0.40	3,526	144.63	0.00
1.80	0.37	3,665	144.65	0.00
1.90	0.24	3,779	144.67	0.00
2.00	0.15	3,848	144.68	0.00
2.10	0.10	3,896	144.69	0.00
2.20	0.03	3,919	144.69	0.00
2.30	0.01	3,924	144.70	0.00
2.40	0.00	3,926	144.70	0.00
2.50	0.00	3,926	144.70	0.00
2.60	0.00	3,926	144.70	0.00
2.70	0.00	3,926	144.70	0.00
2.80	0.00	3,926	144.70	0.00
2.90	0.00	3,926	144.70	0.00
3.00	0.00	3,926	144.70	0.00
3.10	0.00	3,926	144.70	0.00
3.20	0.00	3,926	144.70	0.00
3.30	0.00	3,926	144.70	0.00
3.40	0.00	3,926	144.70	0.00
3.50	0.00	3,926	144.70	0.00
3.60	0.00	3,926	144.70	0.00
3.70	0.00	3,926	144.70	0.00
3.80	0.00	3,926	144.70	0.00
3.90	0.00	3,926	144.70	0.00
4.00	0.00	3,926	144.70	0.00
4.10	0.00	3,926	144.70	0.00
4.20	0.00	3,926	144.70	0.00
4.30	0.00	3,926	144.70	0.00
4.40	0.00	3,926	144.70	0.00
4.50	0.00	3,926	144.70	0.00
4.60	0.00	3,926	144.70	0.00
4.70	0.00	3,926	144.70	0.00
4.80	0.00	3,926	144.70	0.00
4.90	0.00	3,926	144.70	0.00
5.00	0.00	3,926	144.70	0.00
5.10	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,926	144.70	0.00
5.30	0.00	3,926	144.70	0.00
5.40	0.00	3,926	144.70	0.00
5.50	0.00	3,926	144.70	0.00
5.60	0.00	3,926	144.70	0.00
5.70	0.00	3,926	144.70	0.00
5.80	0.00	3,926	144.70	0.00
5.90	0.00	3,926	144.70	0.00
6.00	0.00	3,926	144.70	0.00
6.10	0.00	3,926	144.70	0.00
6.20	0.00	3,926	144.70	0.00
6.30	0.00	3,926	144.70	0.00
6.40	0.00	3,926	144.70	0.00
6.50	0.00	3,926	144.70	0.00
6.60	0.00	3,926	144.70	0.00
6.70	0.00	3,926	144.70	0.00
6.80	0.00	3,926	144.70	0.00
6.90	0.00	3,926	144.70	0.00
7.00	0.00	3,926	144.70	0.00
7.10	0.00	3,926	144.70	0.00
7.20	0.00	3,926	144.70	0.00
7.30	0.00	3,926	144.70	0.00
7.40	0.00	3,926	144.70	0.00
7.50	0.00	3,926	144.70	0.00
7.60	0.00	3,926	144.70	0.00
7.70	0.00	3,926	144.70	0.00
7.80	0.00	3,926	144.70	0.00
7.90	0.00	3,926	144.70	0.00
8.00	0.00	3,926	144.70	0.00
8.10	0.00	3,926	144.70	0.00
8.20	0.00	3,926	144.70	0.00
8.30	0.00	3,926	144.70	0.00
8.40	0.00	3,926	144.70	0.00
8.50	0.00	3,926	144.70	0.00
8.60	0.00	3,926	144.70	0.00
8.70	0.00	3,926	144.70	0.00
8.80	0.00	3,926	144.70	0.00
8.90	0.00	3,926	144.70	0.00
9.00	0.00	3,926	144.70	0.00
9.10	0.00	3,926	144.70	0.00
9.20	0.00	3,926	144.70	0.00
9.30	0.00	3,926	144.70	0.00
9.40	0.00	3,926	144.70	0.00
9.50	0.00	3,926	144.70	0.00
9.60	0.00	3,926	144.70	0.00
9.70	0.00	3,926	144.70	0.00
9.80	0.00	3,926	144.70	0.00
9.90	0.00	3,926	144.70	0.00
10.00	0.00	3,926	144.70	0.00
10.10	0.00	3,926	144.70	0.00
10.20	0.00	3,926	144.70	0.00
10.30	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,926	144.70	0.00
10.50	0.00	3,926	144.70	0.00
10.60	0.00	3,926	144.70	0.00
10.70	0.00	3,926	144.70	0.00
10.80	0.00	3,926	144.70	0.00
10.90	0.00	3,926	144.70	0.00
11.00	0.00	3,926	144.70	0.00
11.10	0.00	3,926	144.70	0.00
11.20	0.00	3,926	144.70	0.00
11.30	0.00	3,926	144.70	0.00
11.40	0.00	3,926	144.70	0.00
11.50	0.00	3,926	144.70	0.00
11.60	0.00	3,926	144.70	0.00
11.70	0.00	3,926	144.70	0.00
11.80	0.00	3,926	144.70	0.00
11.90	0.00	3,926	144.70	0.00
12.00	0.00	3,926	144.70	0.00
12.10	0.00	3,926	144.70	0.00
12.20	0.00	3,926	144.70	0.00
12.30	0.00	3,926	144.70	0.00
12.40	0.00	3,926	144.70	0.00
12.50	0.00	3,926	144.70	0.00
12.60	0.00	3,926	144.70	0.00
12.70	0.00	3,926	144.70	0.00
12.80	0.00	3,926	144.70	0.00
12.90	0.00	3,926	144.70	0.00
13.00	0.00	3,926	144.70	0.00
13.10	0.00	3,926	144.70	0.00
13.20	0.00	3,926	144.70	0.00
13.30	0.00	3,926	144.70	0.00
13.40	0.00	3,926	144.70	0.00
13.50	0.00	3,926	144.70	0.00
13.60	0.00	3,926	144.70	0.00
13.70	0.00	3,926	144.70	0.00
13.80	0.00	3,926	144.70	0.00
13.90	0.00	3,926	144.70	0.00
14.00	0.00	3,926	144.70	0.00
14.10	0.00	3,926	144.70	0.00
14.20	0.00	3,926	144.70	0.00
14.30	0.00	3,926	144.70	0.00
14.40	0.00	3,926	144.70	0.00
14.50	0.00	3,926	144.70	0.00
14.60	0.00	3,926	144.70	0.00
14.70	0.00	3,926	144.70	0.00
14.80	0.00	3,926	144.70	0.00
14.90	0.00	3,926	144.70	0.00
15.00	0.00	3,926	144.70	0.00
15.10	0.00	3,926	144.70	0.00
15.20	0.00	3,926	144.70	0.00
15.30	0.00	3,926	144.70	0.00
15.40	0.00	3,926	144.70	0.00
15.50	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,926	144.70	0.00
15.70	0.00	3,926	144.70	0.00
15.80	0.00	3,926	144.70	0.00
15.90	0.00	3,926	144.70	0.00
16.00	0.00	3,926	144.70	0.00
16.10	0.00	3,926	144.70	0.00
16.20	0.00	3,926	144.70	0.00
16.30	0.00	3,926	144.70	0.00
16.40	0.00	3,926	144.70	0.00
16.50	0.00	3,926	144.70	0.00
16.60	0.00	3,926	144.70	0.00
16.70	0.00	3,926	144.70	0.00
16.80	0.00	3,926	144.70	0.00
16.90	0.00	3,926	144.70	0.00
17.00	0.00	3,926	144.70	0.00
17.10	0.00	3,926	144.70	0.00
17.20	0.00	3,926	144.70	0.00
17.30	0.00	3,926	144.70	0.00
17.40	0.00	3,926	144.70	0.00
17.50	0.00	3,926	144.70	0.00
17.60	0.00	3,926	144.70	0.00
17.70	0.00	3,926	144.70	0.00
17.80	0.00	3,926	144.70	0.00
17.90	0.00	3,926	144.70	0.00
18.00	0.00	3,926	144.70	0.00
18.10	0.00	3,926	144.70	0.00
18.20	0.00	3,926	144.70	0.00
18.30	0.00	3,926	144.70	0.00
18.40	0.00	3,926	144.70	0.00
18.50	0.00	3,926	144.70	0.00
18.60	0.00	3,926	144.70	0.00
18.70	0.00	3,926	144.70	0.00
18.80	0.00	3,926	144.70	0.00
18.90	0.00	3,926	144.70	0.00
19.00	0.00	3,926	144.70	0.00
19.10	0.00	3,926	144.70	0.00
19.20	0.00	3,926	144.70	0.00
19.30	0.00	3,926	144.70	0.00
19.40	0.00	3,926	144.70	0.00
19.50	0.00	3,926	144.70	0.00
19.60	0.00	3,926	144.70	0.00
19.70	0.00	3,926	144.70	0.00
19.80	0.00	3,926	144.70	0.00
19.90	0.00	3,926	144.70	0.00
20.00	0.00	3,926	144.70	0.00
20.10	0.00	3,926	144.70	0.00
20.20	0.00	3,926	144.70	0.00
20.30	0.00	3,926	144.70	0.00
20.40	0.00	3,926	144.70	0.00
20.50	0.00	3,926	144.70	0.00
20.60	0.00	3,926	144.70	0.00
20.70	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,926	144.70	0.00
20.90	0.00	3,926	144.70	0.00
21.00	0.00	3,926	144.70	0.00
21.10	0.00	3,926	144.70	0.00
21.20	0.00	3,926	144.70	0.00
21.30	0.00	3,926	144.70	0.00
21.40	0.00	3,926	144.70	0.00
21.50	0.00	3,926	144.70	0.00
21.60	0.00	3,926	144.70	0.00
21.70	0.00	3,926	144.70	0.00
21.80	0.00	3,926	144.70	0.00
21.90	0.00	3,926	144.70	0.00
22.00	0.00	3,926	144.70	0.00
22.10	0.00	3,926	144.70	0.00
22.20	0.00	3,926	144.70	0.00
22.30	0.00	3,926	144.70	0.00
22.40	0.00	3,926	144.70	0.00
22.50	0.00	3,926	144.70	0.00
22.60	0.00	3,926	144.70	0.00
22.70	0.00	3,926	144.70	0.00
22.80	0.00	3,926	144.70	0.00
22.90	0.00	3,926	144.70	0.00
23.00	0.00	3,926	144.70	0.00
23.10	0.00	3,926	144.70	0.00
23.20	0.00	3,926	144.70	0.00
23.30	0.00	3,926	144.70	0.00
23.40	0.00	3,926	144.70	0.00
23.50	0.00	3,926	144.70	0.00
23.60	0.00	3,926	144.70	0.00
23.70	0.00	3,926	144.70	0.00
23.80	0.00	3,926	144.70	0.00
23.90	0.00	3,926	144.70	0.00
24.00	0.00	3,926	144.70	0.00
24.10	0.00	3,926	144.70	0.00
24.20	0.00	3,926	144.70	0.00
24.30	0.00	3,926	144.70	0.00
24.40	0.00	3,926	144.70	0.00
24.50	0.00	3,926	144.70	0.00
24.60	0.00	3,926	144.70	0.00
24.70	0.00	3,926	144.70	0.00
24.80	0.00	3,926	144.70	0.00
24.90	0.00	3,926	144.70	0.00
25.00	0.00	3,926	144.70	0.00
25.10	0.00	3,926	144.70	0.00
25.20	0.00	3,926	144.70	0.00
25.30	0.00	3,926	144.70	0.00
25.40	0.00	3,926	144.70	0.00
25.50	0.00	3,926	144.70	0.00
25.60	0.00	3,926	144.70	0.00
25.70	0.00	3,926	144.70	0.00
25.80	0.00	3,926	144.70	0.00
25.90	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,926	144.70	0.00
26.10	0.00	3,926	144.70	0.00
26.20	0.00	3,926	144.70	0.00
26.30	0.00	3,926	144.70	0.00
26.40	0.00	3,926	144.70	0.00
26.50	0.00	3,926	144.70	0.00
26.60	0.00	3,926	144.70	0.00
26.70	0.00	3,926	144.70	0.00
26.80	0.00	3,926	144.70	0.00
26.90	0.00	3,926	144.70	0.00
27.00	0.00	3,926	144.70	0.00
27.10	0.00	3,926	144.70	0.00
27.20	0.00	3,926	144.70	0.00
27.30	0.00	3,926	144.70	0.00
27.40	0.00	3,926	144.70	0.00
27.50	0.00	3,926	144.70	0.00
27.60	0.00	3,926	144.70	0.00
27.70	0.00	3,926	144.70	0.00
27.80	0.00	3,926	144.70	0.00
27.90	0.00	3,926	144.70	0.00
28.00	0.00	3,926	144.70	0.00
28.10	0.00	3,926	144.70	0.00
28.20	0.00	3,926	144.70	0.00
28.30	0.00	3,926	144.70	0.00
28.40	0.00	3,926	144.70	0.00
28.50	0.00	3,926	144.70	0.00
28.60	0.00	3,926	144.70	0.00
28.70	0.00	3,926	144.70	0.00
28.80	0.00	3,926	144.70	0.00
28.90	0.00	3,926	144.70	0.00
29.00	0.00	3,926	144.70	0.00
29.10	0.00	3,926	144.70	0.00
29.20	0.00	3,926	144.70	0.00
29.30	0.00	3,926	144.70	0.00
29.40	0.00	3,926	144.70	0.00
29.50	0.00	3,926	144.70	0.00
29.60	0.00	3,926	144.70	0.00
29.70	0.00	3,926	144.70	0.00
29.80	0.00	3,926	144.70	0.00
29.90	0.00	3,926	144.70	0.00
30.00	0.00	3,926	144.70	0.00
30.10	0.00	3,926	144.70	0.00
30.20	0.00	3,926	144.70	0.00
30.30	0.00	3,926	144.70	0.00
30.40	0.00	3,926	144.70	0.00
30.50	0.00	3,926	144.70	0.00
30.60	0.00	3,926	144.70	0.00
30.70	0.00	3,926	144.70	0.00
30.80	0.00	3,926	144.70	0.00
30.90	0.00	3,926	144.70	0.00
31.00	0.00	3,926	144.70	0.00
31.10	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,926	144.70	0.00
31.30	0.00	3,926	144.70	0.00
31.40	0.00	3,926	144.70	0.00
31.50	0.00	3,926	144.70	0.00
31.60	0.00	3,926	144.70	0.00
31.70	0.00	3,926	144.70	0.00
31.80	0.00	3,926	144.70	0.00
31.90	0.00	3,926	144.70	0.00
32.00	0.00	3,926	144.70	0.00
32.10	0.00	3,926	144.70	0.00
32.20	0.00	3,926	144.70	0.00
32.30	0.00	3,926	144.70	0.00
32.40	0.00	3,926	144.70	0.00
32.50	0.00	3,926	144.70	0.00
32.60	0.00	3,926	144.70	0.00
32.70	0.00	3,926	144.70	0.00
32.80	0.00	3,926	144.70	0.00
32.90	0.00	3,926	144.70	0.00
33.00	0.00	3,926	144.70	0.00
33.10	0.00	3,926	144.70	0.00
33.20	0.00	3,926	144.70	0.00
33.30	0.00	3,926	144.70	0.00
33.40	0.00	3,926	144.70	0.00
33.50	0.00	3,926	144.70	0.00
33.60	0.00	3,926	144.70	0.00
33.70	0.00	3,926	144.70	0.00
33.80	0.00	3,926	144.70	0.00
33.90	0.00	3,926	144.70	0.00
34.00	0.00	3,926	144.70	0.00
34.10	0.00	3,926	144.70	0.00
34.20	0.00	3,926	144.70	0.00
34.30	0.00	3,926	144.70	0.00
34.40	0.00	3,926	144.70	0.00
34.50	0.00	3,926	144.70	0.00
34.60	0.00	3,926	144.70	0.00
34.70	0.00	3,926	144.70	0.00
34.80	0.00	3,926	144.70	0.00
34.90	0.00	3,926	144.70	0.00
35.00	0.00	3,926	144.70	0.00
35.10	0.00	3,926	144.70	0.00
35.20	0.00	3,926	144.70	0.00
35.30	0.00	3,926	144.70	0.00
35.40	0.00	3,926	144.70	0.00
35.50	0.00	3,926	144.70	0.00
35.60	0.00	3,926	144.70	0.00
35.70	0.00	3,926	144.70	0.00
35.80	0.00	3,926	144.70	0.00
35.90	0.00	3,926	144.70	0.00
36.00	0.00	3,926	144.70	0.00
36.10	0.00	3,926	144.70	0.00
36.20	0.00	3,926	144.70	0.00
36.30	0.00	3,926	144.70	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,926	144.70	0.00
36.50	0.00	3,926	144.70	0.00
36.60	0.00	3,926	144.70	0.00
36.70	0.00	3,926	144.70	0.00
36.80	0.00	3,926	144.70	0.00
36.90	0.00	3,926	144.70	0.00
37.00	0.00	3,926	144.70	0.00
37.10	0.00	3,926	144.70	0.00
37.20	0.00	3,926	144.70	0.00
37.30	0.00	3,926	144.70	0.00
37.40	0.00	3,926	144.70	0.00
37.50	0.00	3,926	144.70	0.00
37.60	0.00	3,926	144.70	0.00
37.70	0.00	3,926	144.70	0.00
37.80	0.00	3,926	144.70	0.00
37.90	0.00	3,926	144.70	0.00
38.00	0.00	3,926	144.70	0.00
38.10	0.00	3,926	144.70	0.00
38.20	0.00	3,926	144.70	0.00
38.30	0.00	3,926	144.70	0.00
38.40	0.00	3,926	144.70	0.00
38.50	0.00	3,926	144.70	0.00
38.60	0.00	3,926	144.70	0.00
38.70	0.00	3,926	144.70	0.00
38.80	0.00	3,926	144.70	0.00
38.90	0.00	3,926	144.70	0.00
39.00	0.00	3,926	144.70	0.00
39.10	0.00	3,926	144.70	0.00
39.20	0.00	3,926	144.70	0.00
39.30	0.00	3,926	144.70	0.00
39.40	0.00	3,926	144.70	0.00
39.50	0.00	3,926	144.70	0.00
39.60	0.00	3,926	144.70	0.00
39.70	0.00	3,926	144.70	0.00
39.80	0.00	3,926	144.70	0.00
39.90	0.00	3,926	144.70	0.00
40.00	0.00	3,926	144.70	0.00

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 0.66" for WQ Storm event
 Inflow = 3.15 cfs @ 1.16 hrs, Volume= 0.106 af
 Outflow = 0.00 cfs @ 2.49 hrs, Volume= 0.000 af, Atten= 100%, Lag= 80.2 min
 Primary = 0.00 cfs @ 2.49 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 170.59' @ 2.49 hrs Surf.Area= 2,633 sf Storage= 4,632 cf

Plug-Flow detention time= 464.8 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 416.0 min (492.4 - 76.4)

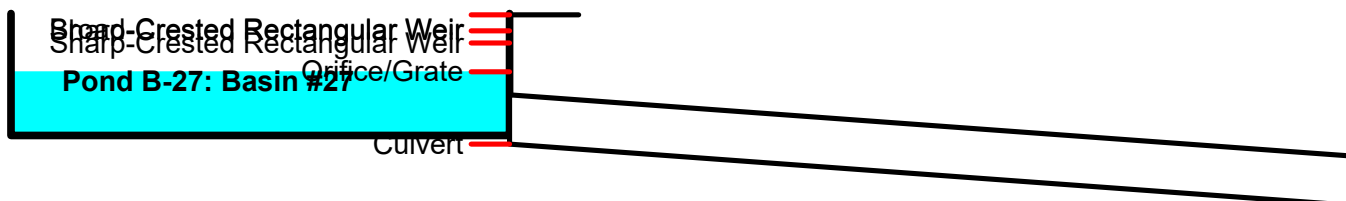
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

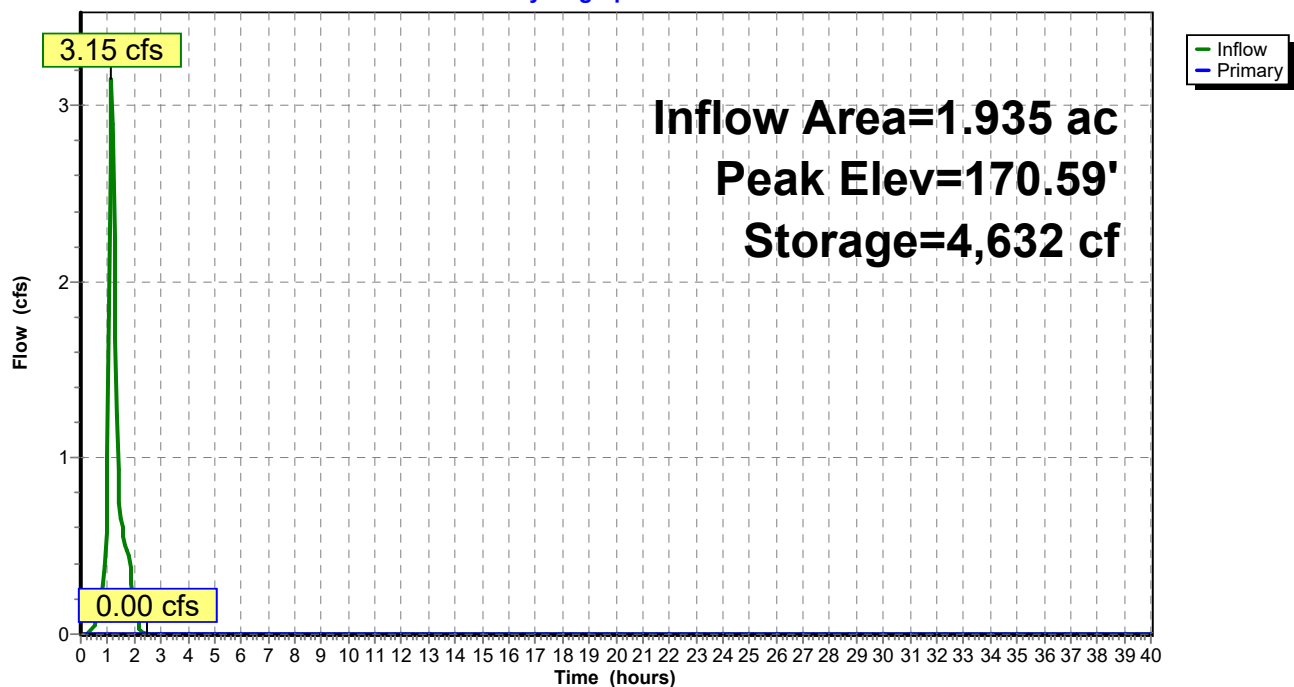
Primary OutFlow Max=0.00 cfs @ 2.49 hrs HW=170.59' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 21.08 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.17 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.04	7	168.01	0.00
0.60	0.09	30	168.03	0.00
0.70	0.16	76	168.07	0.00
0.80	0.22	144	168.14	0.00
0.90	0.39	249	168.23	0.00
1.00	1.01	478	168.42	0.00
1.10	2.68	1,136	168.90	0.00
1.20	2.89	2,203	169.52	0.00
1.30	1.68	3,021	169.92	0.00
1.40	0.93	3,479	170.13	0.00
1.50	0.66	3,757	170.24	0.00
1.60	0.56	3,977	170.33	0.00
1.70	0.48	4,162	170.41	0.00
1.80	0.44	4,327	170.47	0.00
1.90	0.29	4,461	170.53	0.00
2.00	0.18	4,542	170.56	0.00
2.10	0.12	4,598	170.58	0.00
2.20	0.03	4,625	170.59	0.00
2.30	0.01	4,631	170.59	0.00
2.40	0.00	4,632	170.59	0.00
2.50	0.00	4,632	170.59	0.00
2.60	0.00	4,632	170.59	0.00
2.70	0.00	4,632	170.59	0.00
2.80	0.00	4,632	170.59	0.00
2.90	0.00	4,632	170.59	0.00
3.00	0.00	4,632	170.59	0.00
3.10	0.00	4,632	170.59	0.00
3.20	0.00	4,632	170.59	0.00
3.30	0.00	4,632	170.59	0.00
3.40	0.00	4,632	170.59	0.00
3.50	0.00	4,631	170.59	0.00
3.60	0.00	4,631	170.59	0.00
3.70	0.00	4,631	170.59	0.00
3.80	0.00	4,631	170.59	0.00
3.90	0.00	4,631	170.59	0.00
4.00	0.00	4,631	170.59	0.00
4.10	0.00	4,631	170.59	0.00
4.20	0.00	4,631	170.59	0.00
4.30	0.00	4,631	170.59	0.00
4.40	0.00	4,631	170.59	0.00
4.50	0.00	4,631	170.59	0.00
4.60	0.00	4,631	170.59	0.00
4.70	0.00	4,630	170.59	0.00
4.80	0.00	4,630	170.59	0.00
4.90	0.00	4,630	170.59	0.00
5.00	0.00	4,630	170.59	0.00
5.10	0.00	4,630	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,630	170.59	0.00
5.30	0.00	4,630	170.59	0.00
5.40	0.00	4,630	170.59	0.00
5.50	0.00	4,630	170.59	0.00
5.60	0.00	4,630	170.59	0.00
5.70	0.00	4,630	170.59	0.00
5.80	0.00	4,630	170.59	0.00
5.90	0.00	4,630	170.59	0.00
6.00	0.00	4,630	170.59	0.00
6.10	0.00	4,630	170.59	0.00
6.20	0.00	4,629	170.59	0.00
6.30	0.00	4,629	170.59	0.00
6.40	0.00	4,629	170.59	0.00
6.50	0.00	4,629	170.59	0.00
6.60	0.00	4,629	170.59	0.00
6.70	0.00	4,629	170.59	0.00
6.80	0.00	4,629	170.59	0.00
6.90	0.00	4,629	170.59	0.00
7.00	0.00	4,629	170.59	0.00
7.10	0.00	4,629	170.59	0.00
7.20	0.00	4,629	170.59	0.00
7.30	0.00	4,629	170.59	0.00
7.40	0.00	4,629	170.59	0.00
7.50	0.00	4,629	170.59	0.00
7.60	0.00	4,629	170.59	0.00
7.70	0.00	4,629	170.59	0.00
7.80	0.00	4,629	170.59	0.00
7.90	0.00	4,629	170.59	0.00
8.00	0.00	4,629	170.59	0.00
8.10	0.00	4,628	170.59	0.00
8.20	0.00	4,628	170.59	0.00
8.30	0.00	4,628	170.59	0.00
8.40	0.00	4,628	170.59	0.00
8.50	0.00	4,628	170.59	0.00
8.60	0.00	4,628	170.59	0.00
8.70	0.00	4,628	170.59	0.00
8.80	0.00	4,628	170.59	0.00
8.90	0.00	4,628	170.59	0.00
9.00	0.00	4,628	170.59	0.00
9.10	0.00	4,628	170.59	0.00
9.20	0.00	4,628	170.59	0.00
9.30	0.00	4,628	170.59	0.00
9.40	0.00	4,628	170.59	0.00
9.50	0.00	4,628	170.59	0.00
9.60	0.00	4,628	170.59	0.00
9.70	0.00	4,628	170.59	0.00
9.80	0.00	4,628	170.59	0.00
9.90	0.00	4,628	170.59	0.00
10.00	0.00	4,628	170.59	0.00
10.10	0.00	4,628	170.59	0.00
10.20	0.00	4,628	170.59	0.00
10.30	0.00	4,628	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,628	170.59	0.00
10.50	0.00	4,628	170.59	0.00
10.60	0.00	4,628	170.59	0.00
10.70	0.00	4,628	170.59	0.00
10.80	0.00	4,628	170.59	0.00
10.90	0.00	4,627	170.59	0.00
11.00	0.00	4,627	170.59	0.00
11.10	0.00	4,627	170.59	0.00
11.20	0.00	4,627	170.59	0.00
11.30	0.00	4,627	170.59	0.00
11.40	0.00	4,627	170.59	0.00
11.50	0.00	4,627	170.59	0.00
11.60	0.00	4,627	170.59	0.00
11.70	0.00	4,627	170.59	0.00
11.80	0.00	4,627	170.59	0.00
11.90	0.00	4,627	170.59	0.00
12.00	0.00	4,627	170.59	0.00
12.10	0.00	4,627	170.59	0.00
12.20	0.00	4,627	170.59	0.00
12.30	0.00	4,627	170.59	0.00
12.40	0.00	4,627	170.59	0.00
12.50	0.00	4,627	170.59	0.00
12.60	0.00	4,627	170.59	0.00
12.70	0.00	4,627	170.59	0.00
12.80	0.00	4,627	170.59	0.00
12.90	0.00	4,627	170.59	0.00
13.00	0.00	4,627	170.59	0.00
13.10	0.00	4,627	170.59	0.00
13.20	0.00	4,627	170.59	0.00
13.30	0.00	4,627	170.59	0.00
13.40	0.00	4,627	170.59	0.00
13.50	0.00	4,627	170.59	0.00
13.60	0.00	4,627	170.59	0.00
13.70	0.00	4,627	170.59	0.00
13.80	0.00	4,627	170.59	0.00
13.90	0.00	4,627	170.59	0.00
14.00	0.00	4,627	170.59	0.00
14.10	0.00	4,627	170.59	0.00
14.20	0.00	4,627	170.59	0.00
14.30	0.00	4,627	170.59	0.00
14.40	0.00	4,627	170.59	0.00
14.50	0.00	4,627	170.59	0.00
14.60	0.00	4,627	170.59	0.00
14.70	0.00	4,627	170.59	0.00
14.80	0.00	4,627	170.59	0.00
14.90	0.00	4,627	170.59	0.00
15.00	0.00	4,627	170.59	0.00
15.10	0.00	4,627	170.59	0.00
15.20	0.00	4,627	170.59	0.00
15.30	0.00	4,627	170.59	0.00
15.40	0.00	4,627	170.59	0.00
15.50	0.00	4,627	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,627	170.59	0.00
15.70	0.00	4,627	170.59	0.00
15.80	0.00	4,627	170.59	0.00
15.90	0.00	4,627	170.59	0.00
16.00	0.00	4,627	170.59	0.00
16.10	0.00	4,627	170.59	0.00
16.20	0.00	4,627	170.59	0.00
16.30	0.00	4,627	170.59	0.00
16.40	0.00	4,627	170.59	0.00
16.50	0.00	4,627	170.59	0.00
16.60	0.00	4,626	170.59	0.00
16.70	0.00	4,626	170.59	0.00
16.80	0.00	4,626	170.59	0.00
16.90	0.00	4,626	170.59	0.00
17.00	0.00	4,626	170.59	0.00
17.10	0.00	4,626	170.59	0.00
17.20	0.00	4,626	170.59	0.00
17.30	0.00	4,626	170.59	0.00
17.40	0.00	4,626	170.59	0.00
17.50	0.00	4,626	170.59	0.00
17.60	0.00	4,626	170.59	0.00
17.70	0.00	4,626	170.59	0.00
17.80	0.00	4,626	170.59	0.00
17.90	0.00	4,626	170.59	0.00
18.00	0.00	4,626	170.59	0.00
18.10	0.00	4,626	170.59	0.00
18.20	0.00	4,626	170.59	0.00
18.30	0.00	4,626	170.59	0.00
18.40	0.00	4,626	170.59	0.00
18.50	0.00	4,626	170.59	0.00
18.60	0.00	4,626	170.59	0.00
18.70	0.00	4,626	170.59	0.00
18.80	0.00	4,626	170.59	0.00
18.90	0.00	4,626	170.59	0.00
19.00	0.00	4,626	170.59	0.00
19.10	0.00	4,626	170.59	0.00
19.20	0.00	4,626	170.59	0.00
19.30	0.00	4,626	170.59	0.00
19.40	0.00	4,626	170.59	0.00
19.50	0.00	4,626	170.59	0.00
19.60	0.00	4,626	170.59	0.00
19.70	0.00	4,626	170.59	0.00
19.80	0.00	4,626	170.59	0.00
19.90	0.00	4,626	170.59	0.00
20.00	0.00	4,626	170.59	0.00
20.10	0.00	4,626	170.59	0.00
20.20	0.00	4,626	170.59	0.00
20.30	0.00	4,626	170.59	0.00
20.40	0.00	4,626	170.59	0.00
20.50	0.00	4,626	170.59	0.00
20.60	0.00	4,626	170.59	0.00
20.70	0.00	4,626	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,626	170.59	0.00
20.90	0.00	4,626	170.59	0.00
21.00	0.00	4,626	170.59	0.00
21.10	0.00	4,626	170.59	0.00
21.20	0.00	4,626	170.59	0.00
21.30	0.00	4,626	170.59	0.00
21.40	0.00	4,626	170.59	0.00
21.50	0.00	4,626	170.59	0.00
21.60	0.00	4,626	170.59	0.00
21.70	0.00	4,626	170.59	0.00
21.80	0.00	4,626	170.59	0.00
21.90	0.00	4,626	170.59	0.00
22.00	0.00	4,626	170.59	0.00
22.10	0.00	4,626	170.59	0.00
22.20	0.00	4,626	170.59	0.00
22.30	0.00	4,626	170.59	0.00
22.40	0.00	4,626	170.59	0.00
22.50	0.00	4,626	170.59	0.00
22.60	0.00	4,626	170.59	0.00
22.70	0.00	4,626	170.59	0.00
22.80	0.00	4,626	170.59	0.00
22.90	0.00	4,626	170.59	0.00
23.00	0.00	4,626	170.59	0.00
23.10	0.00	4,626	170.59	0.00
23.20	0.00	4,626	170.59	0.00
23.30	0.00	4,626	170.59	0.00
23.40	0.00	4,626	170.59	0.00
23.50	0.00	4,626	170.59	0.00
23.60	0.00	4,626	170.59	0.00
23.70	0.00	4,626	170.59	0.00
23.80	0.00	4,626	170.59	0.00
23.90	0.00	4,626	170.59	0.00
24.00	0.00	4,626	170.59	0.00
24.10	0.00	4,626	170.59	0.00
24.20	0.00	4,626	170.59	0.00
24.30	0.00	4,626	170.59	0.00
24.40	0.00	4,626	170.59	0.00
24.50	0.00	4,626	170.59	0.00
24.60	0.00	4,626	170.59	0.00
24.70	0.00	4,626	170.59	0.00
24.80	0.00	4,626	170.59	0.00
24.90	0.00	4,626	170.59	0.00
25.00	0.00	4,626	170.59	0.00
25.10	0.00	4,626	170.59	0.00
25.20	0.00	4,626	170.59	0.00
25.30	0.00	4,626	170.59	0.00
25.40	0.00	4,626	170.59	0.00
25.50	0.00	4,626	170.59	0.00
25.60	0.00	4,626	170.59	0.00
25.70	0.00	4,626	170.59	0.00
25.80	0.00	4,626	170.59	0.00
25.90	0.00	4,626	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,626	170.59	0.00
26.10	0.00	4,626	170.59	0.00
26.20	0.00	4,626	170.59	0.00
26.30	0.00	4,626	170.59	0.00
26.40	0.00	4,626	170.59	0.00
26.50	0.00	4,626	170.59	0.00
26.60	0.00	4,626	170.59	0.00
26.70	0.00	4,626	170.59	0.00
26.80	0.00	4,626	170.59	0.00
26.90	0.00	4,626	170.59	0.00
27.00	0.00	4,626	170.59	0.00
27.10	0.00	4,626	170.59	0.00
27.20	0.00	4,626	170.59	0.00
27.30	0.00	4,626	170.59	0.00
27.40	0.00	4,626	170.59	0.00
27.50	0.00	4,626	170.59	0.00
27.60	0.00	4,626	170.59	0.00
27.70	0.00	4,626	170.59	0.00
27.80	0.00	4,626	170.59	0.00
27.90	0.00	4,626	170.59	0.00
28.00	0.00	4,626	170.59	0.00
28.10	0.00	4,626	170.59	0.00
28.20	0.00	4,626	170.59	0.00
28.30	0.00	4,626	170.59	0.00
28.40	0.00	4,626	170.59	0.00
28.50	0.00	4,626	170.59	0.00
28.60	0.00	4,626	170.59	0.00
28.70	0.00	4,626	170.59	0.00
28.80	0.00	4,626	170.59	0.00
28.90	0.00	4,626	170.59	0.00
29.00	0.00	4,626	170.59	0.00
29.10	0.00	4,626	170.59	0.00
29.20	0.00	4,626	170.59	0.00
29.30	0.00	4,626	170.59	0.00
29.40	0.00	4,626	170.59	0.00
29.50	0.00	4,626	170.59	0.00
29.60	0.00	4,626	170.59	0.00
29.70	0.00	4,626	170.59	0.00
29.80	0.00	4,626	170.59	0.00
29.90	0.00	4,626	170.59	0.00
30.00	0.00	4,626	170.59	0.00
30.10	0.00	4,626	170.59	0.00
30.20	0.00	4,626	170.59	0.00
30.30	0.00	4,626	170.59	0.00
30.40	0.00	4,626	170.59	0.00
30.50	0.00	4,626	170.59	0.00
30.60	0.00	4,626	170.59	0.00
30.70	0.00	4,626	170.59	0.00
30.80	0.00	4,626	170.59	0.00
30.90	0.00	4,626	170.59	0.00
31.00	0.00	4,626	170.59	0.00
31.10	0.00	4,626	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,626	170.59	0.00
31.30	0.00	4,626	170.59	0.00
31.40	0.00	4,626	170.59	0.00
31.50	0.00	4,626	170.59	0.00
31.60	0.00	4,626	170.59	0.00
31.70	0.00	4,626	170.59	0.00
31.80	0.00	4,626	170.59	0.00
31.90	0.00	4,626	170.59	0.00
32.00	0.00	4,626	170.59	0.00
32.10	0.00	4,626	170.59	0.00
32.20	0.00	4,626	170.59	0.00
32.30	0.00	4,626	170.59	0.00
32.40	0.00	4,626	170.59	0.00
32.50	0.00	4,626	170.59	0.00
32.60	0.00	4,626	170.59	0.00
32.70	0.00	4,626	170.59	0.00
32.80	0.00	4,626	170.59	0.00
32.90	0.00	4,626	170.59	0.00
33.00	0.00	4,626	170.59	0.00
33.10	0.00	4,626	170.59	0.00
33.20	0.00	4,626	170.59	0.00
33.30	0.00	4,626	170.59	0.00
33.40	0.00	4,626	170.59	0.00
33.50	0.00	4,626	170.59	0.00
33.60	0.00	4,626	170.59	0.00
33.70	0.00	4,626	170.59	0.00
33.80	0.00	4,626	170.59	0.00
33.90	0.00	4,626	170.59	0.00
34.00	0.00	4,626	170.59	0.00
34.10	0.00	4,626	170.59	0.00
34.20	0.00	4,626	170.59	0.00
34.30	0.00	4,626	170.59	0.00
34.40	0.00	4,626	170.59	0.00
34.50	0.00	4,626	170.59	0.00
34.60	0.00	4,626	170.59	0.00
34.70	0.00	4,626	170.59	0.00
34.80	0.00	4,626	170.59	0.00
34.90	0.00	4,626	170.59	0.00
35.00	0.00	4,626	170.59	0.00
35.10	0.00	4,626	170.59	0.00
35.20	0.00	4,626	170.59	0.00
35.30	0.00	4,626	170.59	0.00
35.40	0.00	4,626	170.59	0.00
35.50	0.00	4,626	170.59	0.00
35.60	0.00	4,626	170.59	0.00
35.70	0.00	4,626	170.59	0.00
35.80	0.00	4,626	170.59	0.00
35.90	0.00	4,626	170.59	0.00
36.00	0.00	4,626	170.59	0.00
36.10	0.00	4,626	170.59	0.00
36.20	0.00	4,626	170.59	0.00
36.30	0.00	4,626	170.59	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,626	170.59	0.00
36.50	0.00	4,626	170.59	0.00
36.60	0.00	4,626	170.59	0.00
36.70	0.00	4,626	170.59	0.00
36.80	0.00	4,626	170.59	0.00
36.90	0.00	4,626	170.59	0.00
37.00	0.00	4,626	170.59	0.00
37.10	0.00	4,626	170.59	0.00
37.20	0.00	4,626	170.59	0.00
37.30	0.00	4,626	170.59	0.00
37.40	0.00	4,626	170.59	0.00
37.50	0.00	4,626	170.59	0.00
37.60	0.00	4,626	170.59	0.00
37.70	0.00	4,626	170.59	0.00
37.80	0.00	4,626	170.59	0.00
37.90	0.00	4,626	170.59	0.00
38.00	0.00	4,626	170.59	0.00
38.10	0.00	4,626	170.59	0.00
38.20	0.00	4,626	170.59	0.00
38.30	0.00	4,626	170.59	0.00
38.40	0.00	4,626	170.59	0.00
38.50	0.00	4,626	170.59	0.00
38.60	0.00	4,626	170.59	0.00
38.70	0.00	4,626	170.59	0.00
38.80	0.00	4,626	170.59	0.00
38.90	0.00	4,626	170.59	0.00
39.00	0.00	4,626	170.59	0.00
39.10	0.00	4,626	170.59	0.00
39.20	0.00	4,626	170.59	0.00
39.30	0.00	4,626	170.59	0.00
39.40	0.00	4,626	170.59	0.00
39.50	0.00	4,626	170.59	0.00
39.60	0.00	4,626	170.59	0.00
39.70	0.00	4,626	170.59	0.00
39.80	0.00	4,626	170.59	0.00
39.90	0.00	4,626	170.59	0.00
40.00	0.00	4,626	170.59	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 2.18 cfs @ 1.15 hrs, Volume= 0.079 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 167.95' @ 2.60 hrs Surf.Area= 2,431 sf Storage= 3,460 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=166.00' (Free Discharge)

- 1=Culvert (Passes 0.00 cfs of 0.63 cfs potential flow)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

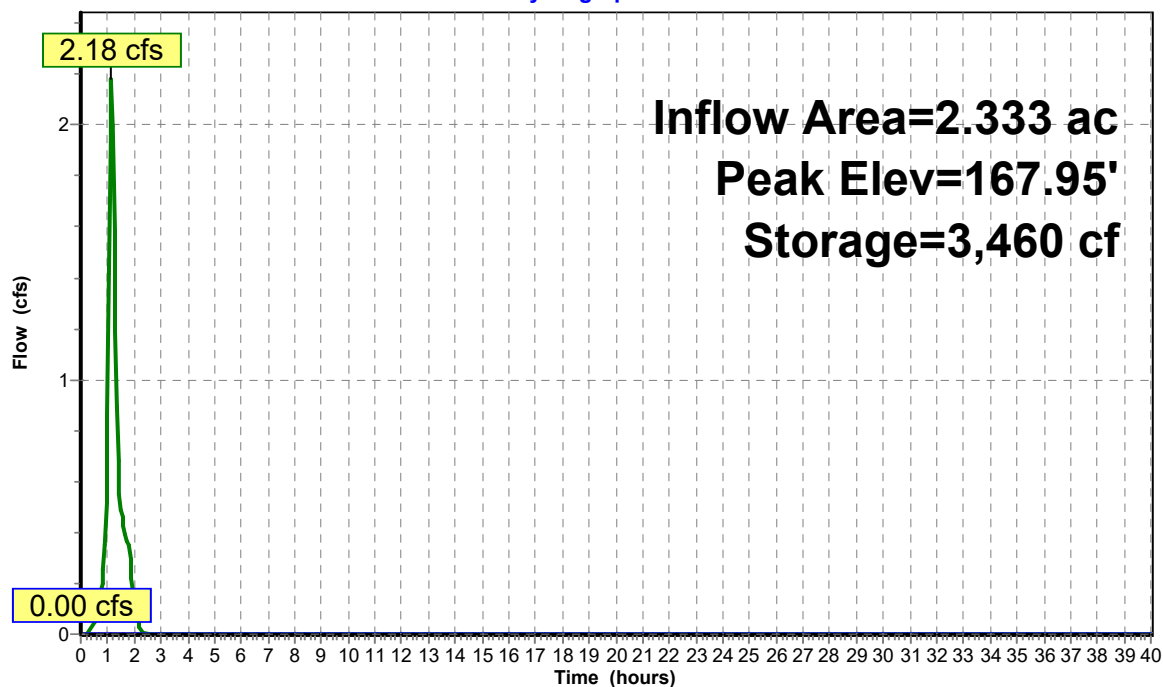
Pond B-28: Basin #28

Orifice Gate

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.03	7	166.01	0.00
0.60	0.08	28	166.02	0.00
0.70	0.15	69	166.06	0.00
0.80	0.20	131	166.11	0.00
0.90	0.35	225	166.19	0.00
1.00	0.86	427	166.34	0.00
1.10	1.93	934	166.69	0.00
1.20	2.00	1,680	167.12	0.00
1.30	1.19	2,252	167.41	0.00
1.40	0.68	2,581	167.57	0.00
1.50	0.49	2,787	167.66	0.00
1.60	0.43	2,952	167.73	0.00
1.70	0.37	3,094	167.80	0.00
1.80	0.34	3,221	167.85	0.00
1.90	0.22	3,325	167.89	0.00
2.00	0.14	3,389	167.92	0.00
2.10	0.10	3,433	167.94	0.00
2.20	0.03	3,454	167.95	0.00
2.30	0.01	3,459	167.95	0.00
2.40	0.00	3,460	167.95	0.00
2.50	0.00	3,460	167.95	0.00
2.60	0.00	3,460	167.95	0.00
2.70	0.00	3,460	167.95	0.00
2.80	0.00	3,460	167.95	0.00
2.90	0.00	3,460	167.95	0.00
3.00	0.00	3,460	167.95	0.00
3.10	0.00	3,460	167.95	0.00
3.20	0.00	3,460	167.95	0.00
3.30	0.00	3,460	167.95	0.00
3.40	0.00	3,460	167.95	0.00
3.50	0.00	3,460	167.95	0.00
3.60	0.00	3,460	167.95	0.00
3.70	0.00	3,460	167.95	0.00
3.80	0.00	3,460	167.95	0.00
3.90	0.00	3,460	167.95	0.00
4.00	0.00	3,460	167.95	0.00
4.10	0.00	3,460	167.95	0.00
4.20	0.00	3,460	167.95	0.00
4.30	0.00	3,460	167.95	0.00
4.40	0.00	3,460	167.95	0.00
4.50	0.00	3,460	167.95	0.00
4.60	0.00	3,460	167.95	0.00
4.70	0.00	3,460	167.95	0.00
4.80	0.00	3,460	167.95	0.00
4.90	0.00	3,460	167.95	0.00
5.00	0.00	3,460	167.95	0.00
5.10	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,460	167.95	0.00
5.30	0.00	3,460	167.95	0.00
5.40	0.00	3,460	167.95	0.00
5.50	0.00	3,460	167.95	0.00
5.60	0.00	3,460	167.95	0.00
5.70	0.00	3,460	167.95	0.00
5.80	0.00	3,460	167.95	0.00
5.90	0.00	3,460	167.95	0.00
6.00	0.00	3,460	167.95	0.00
6.10	0.00	3,460	167.95	0.00
6.20	0.00	3,460	167.95	0.00
6.30	0.00	3,460	167.95	0.00
6.40	0.00	3,460	167.95	0.00
6.50	0.00	3,460	167.95	0.00
6.60	0.00	3,460	167.95	0.00
6.70	0.00	3,460	167.95	0.00
6.80	0.00	3,460	167.95	0.00
6.90	0.00	3,460	167.95	0.00
7.00	0.00	3,460	167.95	0.00
7.10	0.00	3,460	167.95	0.00
7.20	0.00	3,460	167.95	0.00
7.30	0.00	3,460	167.95	0.00
7.40	0.00	3,460	167.95	0.00
7.50	0.00	3,460	167.95	0.00
7.60	0.00	3,460	167.95	0.00
7.70	0.00	3,460	167.95	0.00
7.80	0.00	3,460	167.95	0.00
7.90	0.00	3,460	167.95	0.00
8.00	0.00	3,460	167.95	0.00
8.10	0.00	3,460	167.95	0.00
8.20	0.00	3,460	167.95	0.00
8.30	0.00	3,460	167.95	0.00
8.40	0.00	3,460	167.95	0.00
8.50	0.00	3,460	167.95	0.00
8.60	0.00	3,460	167.95	0.00
8.70	0.00	3,460	167.95	0.00
8.80	0.00	3,460	167.95	0.00
8.90	0.00	3,460	167.95	0.00
9.00	0.00	3,460	167.95	0.00
9.10	0.00	3,460	167.95	0.00
9.20	0.00	3,460	167.95	0.00
9.30	0.00	3,460	167.95	0.00
9.40	0.00	3,460	167.95	0.00
9.50	0.00	3,460	167.95	0.00
9.60	0.00	3,460	167.95	0.00
9.70	0.00	3,460	167.95	0.00
9.80	0.00	3,460	167.95	0.00
9.90	0.00	3,460	167.95	0.00
10.00	0.00	3,460	167.95	0.00
10.10	0.00	3,460	167.95	0.00
10.20	0.00	3,460	167.95	0.00
10.30	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,460	167.95	0.00
10.50	0.00	3,460	167.95	0.00
10.60	0.00	3,460	167.95	0.00
10.70	0.00	3,460	167.95	0.00
10.80	0.00	3,460	167.95	0.00
10.90	0.00	3,460	167.95	0.00
11.00	0.00	3,460	167.95	0.00
11.10	0.00	3,460	167.95	0.00
11.20	0.00	3,460	167.95	0.00
11.30	0.00	3,460	167.95	0.00
11.40	0.00	3,460	167.95	0.00
11.50	0.00	3,460	167.95	0.00
11.60	0.00	3,460	167.95	0.00
11.70	0.00	3,460	167.95	0.00
11.80	0.00	3,460	167.95	0.00
11.90	0.00	3,460	167.95	0.00
12.00	0.00	3,460	167.95	0.00
12.10	0.00	3,460	167.95	0.00
12.20	0.00	3,460	167.95	0.00
12.30	0.00	3,460	167.95	0.00
12.40	0.00	3,460	167.95	0.00
12.50	0.00	3,460	167.95	0.00
12.60	0.00	3,460	167.95	0.00
12.70	0.00	3,460	167.95	0.00
12.80	0.00	3,460	167.95	0.00
12.90	0.00	3,460	167.95	0.00
13.00	0.00	3,460	167.95	0.00
13.10	0.00	3,460	167.95	0.00
13.20	0.00	3,460	167.95	0.00
13.30	0.00	3,460	167.95	0.00
13.40	0.00	3,460	167.95	0.00
13.50	0.00	3,460	167.95	0.00
13.60	0.00	3,460	167.95	0.00
13.70	0.00	3,460	167.95	0.00
13.80	0.00	3,460	167.95	0.00
13.90	0.00	3,460	167.95	0.00
14.00	0.00	3,460	167.95	0.00
14.10	0.00	3,460	167.95	0.00
14.20	0.00	3,460	167.95	0.00
14.30	0.00	3,460	167.95	0.00
14.40	0.00	3,460	167.95	0.00
14.50	0.00	3,460	167.95	0.00
14.60	0.00	3,460	167.95	0.00
14.70	0.00	3,460	167.95	0.00
14.80	0.00	3,460	167.95	0.00
14.90	0.00	3,460	167.95	0.00
15.00	0.00	3,460	167.95	0.00
15.10	0.00	3,460	167.95	0.00
15.20	0.00	3,460	167.95	0.00
15.30	0.00	3,460	167.95	0.00
15.40	0.00	3,460	167.95	0.00
15.50	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,460	167.95	0.00
15.70	0.00	3,460	167.95	0.00
15.80	0.00	3,460	167.95	0.00
15.90	0.00	3,460	167.95	0.00
16.00	0.00	3,460	167.95	0.00
16.10	0.00	3,460	167.95	0.00
16.20	0.00	3,460	167.95	0.00
16.30	0.00	3,460	167.95	0.00
16.40	0.00	3,460	167.95	0.00
16.50	0.00	3,460	167.95	0.00
16.60	0.00	3,460	167.95	0.00
16.70	0.00	3,460	167.95	0.00
16.80	0.00	3,460	167.95	0.00
16.90	0.00	3,460	167.95	0.00
17.00	0.00	3,460	167.95	0.00
17.10	0.00	3,460	167.95	0.00
17.20	0.00	3,460	167.95	0.00
17.30	0.00	3,460	167.95	0.00
17.40	0.00	3,460	167.95	0.00
17.50	0.00	3,460	167.95	0.00
17.60	0.00	3,460	167.95	0.00
17.70	0.00	3,460	167.95	0.00
17.80	0.00	3,460	167.95	0.00
17.90	0.00	3,460	167.95	0.00
18.00	0.00	3,460	167.95	0.00
18.10	0.00	3,460	167.95	0.00
18.20	0.00	3,460	167.95	0.00
18.30	0.00	3,460	167.95	0.00
18.40	0.00	3,460	167.95	0.00
18.50	0.00	3,460	167.95	0.00
18.60	0.00	3,460	167.95	0.00
18.70	0.00	3,460	167.95	0.00
18.80	0.00	3,460	167.95	0.00
18.90	0.00	3,460	167.95	0.00
19.00	0.00	3,460	167.95	0.00
19.10	0.00	3,460	167.95	0.00
19.20	0.00	3,460	167.95	0.00
19.30	0.00	3,460	167.95	0.00
19.40	0.00	3,460	167.95	0.00
19.50	0.00	3,460	167.95	0.00
19.60	0.00	3,460	167.95	0.00
19.70	0.00	3,460	167.95	0.00
19.80	0.00	3,460	167.95	0.00
19.90	0.00	3,460	167.95	0.00
20.00	0.00	3,460	167.95	0.00
20.10	0.00	3,460	167.95	0.00
20.20	0.00	3,460	167.95	0.00
20.30	0.00	3,460	167.95	0.00
20.40	0.00	3,460	167.95	0.00
20.50	0.00	3,460	167.95	0.00
20.60	0.00	3,460	167.95	0.00
20.70	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,460	167.95	0.00
20.90	0.00	3,460	167.95	0.00
21.00	0.00	3,460	167.95	0.00
21.10	0.00	3,460	167.95	0.00
21.20	0.00	3,460	167.95	0.00
21.30	0.00	3,460	167.95	0.00
21.40	0.00	3,460	167.95	0.00
21.50	0.00	3,460	167.95	0.00
21.60	0.00	3,460	167.95	0.00
21.70	0.00	3,460	167.95	0.00
21.80	0.00	3,460	167.95	0.00
21.90	0.00	3,460	167.95	0.00
22.00	0.00	3,460	167.95	0.00
22.10	0.00	3,460	167.95	0.00
22.20	0.00	3,460	167.95	0.00
22.30	0.00	3,460	167.95	0.00
22.40	0.00	3,460	167.95	0.00
22.50	0.00	3,460	167.95	0.00
22.60	0.00	3,460	167.95	0.00
22.70	0.00	3,460	167.95	0.00
22.80	0.00	3,460	167.95	0.00
22.90	0.00	3,460	167.95	0.00
23.00	0.00	3,460	167.95	0.00
23.10	0.00	3,460	167.95	0.00
23.20	0.00	3,460	167.95	0.00
23.30	0.00	3,460	167.95	0.00
23.40	0.00	3,460	167.95	0.00
23.50	0.00	3,460	167.95	0.00
23.60	0.00	3,460	167.95	0.00
23.70	0.00	3,460	167.95	0.00
23.80	0.00	3,460	167.95	0.00
23.90	0.00	3,460	167.95	0.00
24.00	0.00	3,460	167.95	0.00
24.10	0.00	3,460	167.95	0.00
24.20	0.00	3,460	167.95	0.00
24.30	0.00	3,460	167.95	0.00
24.40	0.00	3,460	167.95	0.00
24.50	0.00	3,460	167.95	0.00
24.60	0.00	3,460	167.95	0.00
24.70	0.00	3,460	167.95	0.00
24.80	0.00	3,460	167.95	0.00
24.90	0.00	3,460	167.95	0.00
25.00	0.00	3,460	167.95	0.00
25.10	0.00	3,460	167.95	0.00
25.20	0.00	3,460	167.95	0.00
25.30	0.00	3,460	167.95	0.00
25.40	0.00	3,460	167.95	0.00
25.50	0.00	3,460	167.95	0.00
25.60	0.00	3,460	167.95	0.00
25.70	0.00	3,460	167.95	0.00
25.80	0.00	3,460	167.95	0.00
25.90	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,460	167.95	0.00
26.10	0.00	3,460	167.95	0.00
26.20	0.00	3,460	167.95	0.00
26.30	0.00	3,460	167.95	0.00
26.40	0.00	3,460	167.95	0.00
26.50	0.00	3,460	167.95	0.00
26.60	0.00	3,460	167.95	0.00
26.70	0.00	3,460	167.95	0.00
26.80	0.00	3,460	167.95	0.00
26.90	0.00	3,460	167.95	0.00
27.00	0.00	3,460	167.95	0.00
27.10	0.00	3,460	167.95	0.00
27.20	0.00	3,460	167.95	0.00
27.30	0.00	3,460	167.95	0.00
27.40	0.00	3,460	167.95	0.00
27.50	0.00	3,460	167.95	0.00
27.60	0.00	3,460	167.95	0.00
27.70	0.00	3,460	167.95	0.00
27.80	0.00	3,460	167.95	0.00
27.90	0.00	3,460	167.95	0.00
28.00	0.00	3,460	167.95	0.00
28.10	0.00	3,460	167.95	0.00
28.20	0.00	3,460	167.95	0.00
28.30	0.00	3,460	167.95	0.00
28.40	0.00	3,460	167.95	0.00
28.50	0.00	3,460	167.95	0.00
28.60	0.00	3,460	167.95	0.00
28.70	0.00	3,460	167.95	0.00
28.80	0.00	3,460	167.95	0.00
28.90	0.00	3,460	167.95	0.00
29.00	0.00	3,460	167.95	0.00
29.10	0.00	3,460	167.95	0.00
29.20	0.00	3,460	167.95	0.00
29.30	0.00	3,460	167.95	0.00
29.40	0.00	3,460	167.95	0.00
29.50	0.00	3,460	167.95	0.00
29.60	0.00	3,460	167.95	0.00
29.70	0.00	3,460	167.95	0.00
29.80	0.00	3,460	167.95	0.00
29.90	0.00	3,460	167.95	0.00
30.00	0.00	3,460	167.95	0.00
30.10	0.00	3,460	167.95	0.00
30.20	0.00	3,460	167.95	0.00
30.30	0.00	3,460	167.95	0.00
30.40	0.00	3,460	167.95	0.00
30.50	0.00	3,460	167.95	0.00
30.60	0.00	3,460	167.95	0.00
30.70	0.00	3,460	167.95	0.00
30.80	0.00	3,460	167.95	0.00
30.90	0.00	3,460	167.95	0.00
31.00	0.00	3,460	167.95	0.00
31.10	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,460	167.95	0.00
31.30	0.00	3,460	167.95	0.00
31.40	0.00	3,460	167.95	0.00
31.50	0.00	3,460	167.95	0.00
31.60	0.00	3,460	167.95	0.00
31.70	0.00	3,460	167.95	0.00
31.80	0.00	3,460	167.95	0.00
31.90	0.00	3,460	167.95	0.00
32.00	0.00	3,460	167.95	0.00
32.10	0.00	3,460	167.95	0.00
32.20	0.00	3,460	167.95	0.00
32.30	0.00	3,460	167.95	0.00
32.40	0.00	3,460	167.95	0.00
32.50	0.00	3,460	167.95	0.00
32.60	0.00	3,460	167.95	0.00
32.70	0.00	3,460	167.95	0.00
32.80	0.00	3,460	167.95	0.00
32.90	0.00	3,460	167.95	0.00
33.00	0.00	3,460	167.95	0.00
33.10	0.00	3,460	167.95	0.00
33.20	0.00	3,460	167.95	0.00
33.30	0.00	3,460	167.95	0.00
33.40	0.00	3,460	167.95	0.00
33.50	0.00	3,460	167.95	0.00
33.60	0.00	3,460	167.95	0.00
33.70	0.00	3,460	167.95	0.00
33.80	0.00	3,460	167.95	0.00
33.90	0.00	3,460	167.95	0.00
34.00	0.00	3,460	167.95	0.00
34.10	0.00	3,460	167.95	0.00
34.20	0.00	3,460	167.95	0.00
34.30	0.00	3,460	167.95	0.00
34.40	0.00	3,460	167.95	0.00
34.50	0.00	3,460	167.95	0.00
34.60	0.00	3,460	167.95	0.00
34.70	0.00	3,460	167.95	0.00
34.80	0.00	3,460	167.95	0.00
34.90	0.00	3,460	167.95	0.00
35.00	0.00	3,460	167.95	0.00
35.10	0.00	3,460	167.95	0.00
35.20	0.00	3,460	167.95	0.00
35.30	0.00	3,460	167.95	0.00
35.40	0.00	3,460	167.95	0.00
35.50	0.00	3,460	167.95	0.00
35.60	0.00	3,460	167.95	0.00
35.70	0.00	3,460	167.95	0.00
35.80	0.00	3,460	167.95	0.00
35.90	0.00	3,460	167.95	0.00
36.00	0.00	3,460	167.95	0.00
36.10	0.00	3,460	167.95	0.00
36.20	0.00	3,460	167.95	0.00
36.30	0.00	3,460	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,460	167.95	0.00
36.50	0.00	3,460	167.95	0.00
36.60	0.00	3,460	167.95	0.00
36.70	0.00	3,460	167.95	0.00
36.80	0.00	3,460	167.95	0.00
36.90	0.00	3,460	167.95	0.00
37.00	0.00	3,460	167.95	0.00
37.10	0.00	3,460	167.95	0.00
37.20	0.00	3,460	167.95	0.00
37.30	0.00	3,460	167.95	0.00
37.40	0.00	3,460	167.95	0.00
37.50	0.00	3,460	167.95	0.00
37.60	0.00	3,460	167.95	0.00
37.70	0.00	3,460	167.95	0.00
37.80	0.00	3,460	167.95	0.00
37.90	0.00	3,460	167.95	0.00
38.00	0.00	3,460	167.95	0.00
38.10	0.00	3,460	167.95	0.00
38.20	0.00	3,460	167.95	0.00
38.30	0.00	3,460	167.95	0.00
38.40	0.00	3,460	167.95	0.00
38.50	0.00	3,460	167.95	0.00
38.60	0.00	3,460	167.95	0.00
38.70	0.00	3,460	167.95	0.00
38.80	0.00	3,460	167.95	0.00
38.90	0.00	3,460	167.95	0.00
39.00	0.00	3,460	167.95	0.00
39.10	0.00	3,460	167.95	0.00
39.20	0.00	3,460	167.95	0.00
39.30	0.00	3,460	167.95	0.00
39.40	0.00	3,460	167.95	0.00
39.50	0.00	3,460	167.95	0.00
39.60	0.00	3,460	167.95	0.00
39.70	0.00	3,460	167.95	0.00
39.80	0.00	3,460	167.95	0.00
39.90	0.00	3,460	167.95	0.00
40.00	0.00	3,460	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

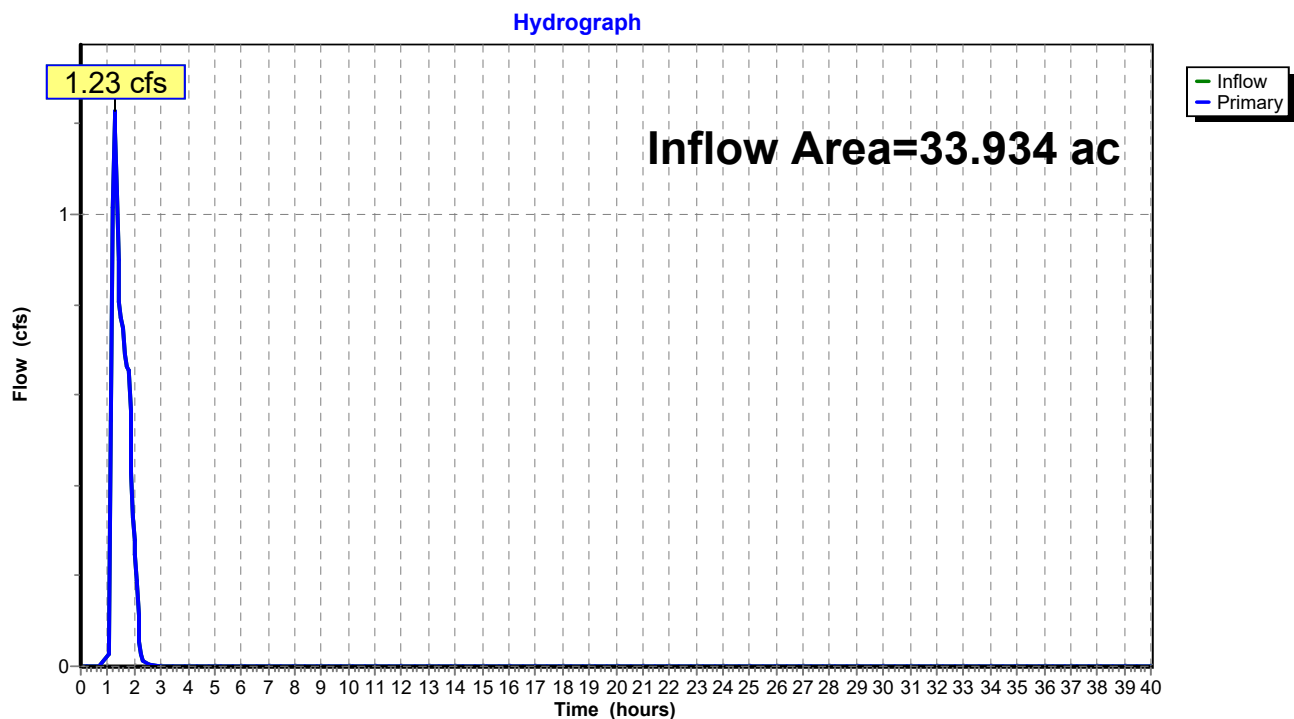
Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth = 0.02" for WQ Storm event
Inflow = 1.23 cfs @ 1.27 hrs, Volume= 0.059 af
Primary = 1.23 cfs @ 1.27 hrs, Volume= 0.059 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-2: Proposed Drainage Area #2

Hydrograph for Link PDA-2: Proposed Drainage Area #2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.11	0.00	0.11	3.70	0.00	0.00	0.00
1.15	0.54	0.00	0.54	3.75	0.00	0.00	0.00
1.20	1.01	0.00	1.01	3.80	0.00	0.00	0.00
1.25	1.21	0.00	1.21	3.85	0.00	0.00	0.00
1.30	1.18	0.00	1.18	3.90	0.00	0.00	0.00
1.35	1.05	0.00	1.05	3.95	0.00	0.00	0.00
1.40	0.90	0.00	0.90	4.00	0.00	0.00	0.00
1.45	0.80	0.00	0.80	4.05	0.00	0.00	0.00
1.50	0.77	0.00	0.77	4.10	0.00	0.00	0.00
1.55	0.76	0.00	0.76	4.15	0.00	0.00	0.00
1.60	0.73	0.00	0.73	4.20	0.00	0.00	0.00
1.65	0.69	0.00	0.69	4.25	0.00	0.00	0.00
1.70	0.66	0.00	0.66	4.30	0.00	0.00	0.00
1.75	0.66	0.00	0.66	4.35	0.00	0.00	0.00
1.80	0.65	0.00	0.65	4.40	0.00	0.00	0.00
1.85	0.57	0.00	0.57	4.45	0.00	0.00	0.00
1.90	0.43	0.00	0.43	4.50	0.00	0.00	0.00
1.95	0.33	0.00	0.33	4.55	0.00	0.00	0.00
2.00	0.28	0.00	0.28	4.60	0.00	0.00	0.00
2.05	0.25	0.00	0.25	4.65	0.00	0.00	0.00
2.10	0.19	0.00	0.19	4.70	0.00	0.00	0.00
2.15	0.11	0.00	0.11	4.75	0.00	0.00	0.00
2.20	0.05	0.00	0.05	4.80	0.00	0.00	0.00
2.25	0.03	0.00	0.03	4.85	0.00	0.00	0.00
2.30	0.01	0.00	0.01	4.90	0.00	0.00	0.00
2.35	0.01	0.00	0.01	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	0.00	0.00	0.00
10.45	0.00	0.00	0.00	13.05	0.00	0.00	0.00
10.50	0.00	0.00	0.00	13.10	0.00	0.00	0.00
10.55	0.00	0.00	0.00	13.15	0.00	0.00	0.00
10.60	0.00	0.00	0.00	13.20	0.00	0.00	0.00
10.65	0.00	0.00	0.00	13.25	0.00	0.00	0.00
10.70	0.00	0.00	0.00	13.30	0.00	0.00	0.00
10.75	0.00	0.00	0.00	13.35	0.00	0.00	0.00
10.80	0.00	0.00	0.00	13.40	0.00	0.00	0.00
10.85	0.00	0.00	0.00	13.45	0.00	0.00	0.00
10.90	0.00	0.00	0.00	13.50	0.00	0.00	0.00
10.95	0.00	0.00	0.00	13.55	0.00	0.00	0.00
11.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00
11.05	0.00	0.00	0.00	13.65	0.00	0.00	0.00
11.10	0.00	0.00	0.00	13.70	0.00	0.00	0.00
11.15	0.00	0.00	0.00	13.75	0.00	0.00	0.00
11.20	0.00	0.00	0.00	13.80	0.00	0.00	0.00
11.25	0.00	0.00	0.00	13.85	0.00	0.00	0.00
11.30	0.00	0.00	0.00	13.90	0.00	0.00	0.00
11.35	0.00	0.00	0.00	13.95	0.00	0.00	0.00
11.40	0.00	0.00	0.00	14.00	0.00	0.00	0.00
11.45	0.00	0.00	0.00	14.05	0.00	0.00	0.00
11.50	0.00	0.00	0.00	14.10	0.00	0.00	0.00
11.55	0.00	0.00	0.00	14.15	0.00	0.00	0.00
11.60	0.00	0.00	0.00	14.20	0.00	0.00	0.00
11.65	0.00	0.00	0.00	14.25	0.00	0.00	0.00
11.70	0.00	0.00	0.00	14.30	0.00	0.00	0.00
11.75	0.00	0.00	0.00	14.35	0.00	0.00	0.00
11.80	0.00	0.00	0.00	14.40	0.00	0.00	0.00
11.85	0.00	0.00	0.00	14.45	0.00	0.00	0.00
11.90	0.00	0.00	0.00	14.50	0.00	0.00	0.00
11.95	0.00	0.00	0.00	14.55	0.00	0.00	0.00
12.00	0.00	0.00	0.00	14.60	0.00	0.00	0.00
12.05	0.00	0.00	0.00	14.65	0.00	0.00	0.00
12.10	0.00	0.00	0.00	14.70	0.00	0.00	0.00
12.15	0.00	0.00	0.00	14.75	0.00	0.00	0.00
12.20	0.00	0.00	0.00	14.80	0.00	0.00	0.00
12.25	0.00	0.00	0.00	14.85	0.00	0.00	0.00
12.30	0.00	0.00	0.00	14.90	0.00	0.00	0.00
12.35	0.00	0.00	0.00	14.95	0.00	0.00	0.00
12.40	0.00	0.00	0.00	15.00	0.00	0.00	0.00
12.45	0.00	0.00	0.00	15.05	0.00	0.00	0.00
12.50	0.00	0.00	0.00	15.10	0.00	0.00	0.00
12.55	0.00	0.00	0.00	15.15	0.00	0.00	0.00
12.60	0.00	0.00	0.00	15.20	0.00	0.00	0.00
12.65	0.00	0.00	0.00	15.25	0.00	0.00	0.00
12.70	0.00	0.00	0.00	15.30	0.00	0.00	0.00
12.75	0.00	0.00	0.00	15.35	0.00	0.00	0.00
12.80	0.00	0.00	0.00	15.40	0.00	0.00	0.00
12.85	0.00	0.00	0.00	15.45	0.00	0.00	0.00
12.90	0.00	0.00	0.00	15.50	0.00	0.00	0.00
12.95	0.00	0.00	0.00	15.55	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.00	0.00	0.00	18.20	0.00	0.00	0.00
15.65	0.00	0.00	0.00	18.25	0.00	0.00	0.00
15.70	0.00	0.00	0.00	18.30	0.00	0.00	0.00
15.75	0.00	0.00	0.00	18.35	0.00	0.00	0.00
15.80	0.00	0.00	0.00	18.40	0.00	0.00	0.00
15.85	0.00	0.00	0.00	18.45	0.00	0.00	0.00
15.90	0.00	0.00	0.00	18.50	0.00	0.00	0.00
15.95	0.00	0.00	0.00	18.55	0.00	0.00	0.00
16.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00
16.05	0.00	0.00	0.00	18.65	0.00	0.00	0.00
16.10	0.00	0.00	0.00	18.70	0.00	0.00	0.00
16.15	0.00	0.00	0.00	18.75	0.00	0.00	0.00
16.20	0.00	0.00	0.00	18.80	0.00	0.00	0.00
16.25	0.00	0.00	0.00	18.85	0.00	0.00	0.00
16.30	0.00	0.00	0.00	18.90	0.00	0.00	0.00
16.35	0.00	0.00	0.00	18.95	0.00	0.00	0.00
16.40	0.00	0.00	0.00	19.00	0.00	0.00	0.00
16.45	0.00	0.00	0.00	19.05	0.00	0.00	0.00
16.50	0.00	0.00	0.00	19.10	0.00	0.00	0.00
16.55	0.00	0.00	0.00	19.15	0.00	0.00	0.00
16.60	0.00	0.00	0.00	19.20	0.00	0.00	0.00
16.65	0.00	0.00	0.00	19.25	0.00	0.00	0.00
16.70	0.00	0.00	0.00	19.30	0.00	0.00	0.00
16.75	0.00	0.00	0.00	19.35	0.00	0.00	0.00
16.80	0.00	0.00	0.00	19.40	0.00	0.00	0.00
16.85	0.00	0.00	0.00	19.45	0.00	0.00	0.00
16.90	0.00	0.00	0.00	19.50	0.00	0.00	0.00
16.95	0.00	0.00	0.00	19.55	0.00	0.00	0.00
17.00	0.00	0.00	0.00	19.60	0.00	0.00	0.00
17.05	0.00	0.00	0.00	19.65	0.00	0.00	0.00
17.10	0.00	0.00	0.00	19.70	0.00	0.00	0.00
17.15	0.00	0.00	0.00	19.75	0.00	0.00	0.00
17.20	0.00	0.00	0.00	19.80	0.00	0.00	0.00
17.25	0.00	0.00	0.00	19.85	0.00	0.00	0.00
17.30	0.00	0.00	0.00	19.90	0.00	0.00	0.00
17.35	0.00	0.00	0.00	19.95	0.00	0.00	0.00
17.40	0.00	0.00	0.00	20.00	0.00	0.00	0.00
17.45	0.00	0.00	0.00	20.05	0.00	0.00	0.00
17.50	0.00	0.00	0.00	20.10	0.00	0.00	0.00
17.55	0.00	0.00	0.00	20.15	0.00	0.00	0.00
17.60	0.00	0.00	0.00	20.20	0.00	0.00	0.00
17.65	0.00	0.00	0.00	20.25	0.00	0.00	0.00
17.70	0.00	0.00	0.00	20.30	0.00	0.00	0.00
17.75	0.00	0.00	0.00	20.35	0.00	0.00	0.00
17.80	0.00	0.00	0.00	20.40	0.00	0.00	0.00
17.85	0.00	0.00	0.00	20.45	0.00	0.00	0.00
17.90	0.00	0.00	0.00	20.50	0.00	0.00	0.00
17.95	0.00	0.00	0.00	20.55	0.00	0.00	0.00
18.00	0.00	0.00	0.00	20.60	0.00	0.00	0.00
18.05	0.00	0.00	0.00	20.65	0.00	0.00	0.00
18.10	0.00	0.00	0.00	20.70	0.00	0.00	0.00
18.15	0.00	0.00	0.00	20.75	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.00	0.00	0.00	23.40	0.00	0.00	0.00
20.85	0.00	0.00	0.00	23.45	0.00	0.00	0.00
20.90	0.00	0.00	0.00	23.50	0.00	0.00	0.00
20.95	0.00	0.00	0.00	23.55	0.00	0.00	0.00
21.00	0.00	0.00	0.00	23.60	0.00	0.00	0.00
21.05	0.00	0.00	0.00	23.65	0.00	0.00	0.00
21.10	0.00	0.00	0.00	23.70	0.00	0.00	0.00
21.15	0.00	0.00	0.00	23.75	0.00	0.00	0.00
21.20	0.00	0.00	0.00	23.80	0.00	0.00	0.00
21.25	0.00	0.00	0.00	23.85	0.00	0.00	0.00
21.30	0.00	0.00	0.00	23.90	0.00	0.00	0.00
21.35	0.00	0.00	0.00	23.95	0.00	0.00	0.00
21.40	0.00	0.00	0.00	24.00	0.00	0.00	0.00
21.45	0.00	0.00	0.00	24.05	0.00	0.00	0.00
21.50	0.00	0.00	0.00	24.10	0.00	0.00	0.00
21.55	0.00	0.00	0.00	24.15	0.00	0.00	0.00
21.60	0.00	0.00	0.00	24.20	0.00	0.00	0.00
21.65	0.00	0.00	0.00	24.25	0.00	0.00	0.00
21.70	0.00	0.00	0.00	24.30	0.00	0.00	0.00
21.75	0.00	0.00	0.00	24.35	0.00	0.00	0.00
21.80	0.00	0.00	0.00	24.40	0.00	0.00	0.00
21.85	0.00	0.00	0.00	24.45	0.00	0.00	0.00
21.90	0.00	0.00	0.00	24.50	0.00	0.00	0.00
21.95	0.00	0.00	0.00	24.55	0.00	0.00	0.00
22.00	0.00	0.00	0.00	24.60	0.00	0.00	0.00
22.05	0.00	0.00	0.00	24.65	0.00	0.00	0.00
22.10	0.00	0.00	0.00	24.70	0.00	0.00	0.00
22.15	0.00	0.00	0.00	24.75	0.00	0.00	0.00
22.20	0.00	0.00	0.00	24.80	0.00	0.00	0.00
22.25	0.00	0.00	0.00	24.85	0.00	0.00	0.00
22.30	0.00	0.00	0.00	24.90	0.00	0.00	0.00
22.35	0.00	0.00	0.00	24.95	0.00	0.00	0.00
22.40	0.00	0.00	0.00	25.00	0.00	0.00	0.00
22.45	0.00	0.00	0.00	25.05	0.00	0.00	0.00
22.50	0.00	0.00	0.00	25.10	0.00	0.00	0.00
22.55	0.00	0.00	0.00	25.15	0.00	0.00	0.00
22.60	0.00	0.00	0.00	25.20	0.00	0.00	0.00
22.65	0.00	0.00	0.00	25.25	0.00	0.00	0.00
22.70	0.00	0.00	0.00	25.30	0.00	0.00	0.00
22.75	0.00	0.00	0.00	25.35	0.00	0.00	0.00
22.80	0.00	0.00	0.00	25.40	0.00	0.00	0.00
22.85	0.00	0.00	0.00	25.45	0.00	0.00	0.00
22.90	0.00	0.00	0.00	25.50	0.00	0.00	0.00
22.95	0.00	0.00	0.00	25.55	0.00	0.00	0.00
23.00	0.00	0.00	0.00	25.60	0.00	0.00	0.00
23.05	0.00	0.00	0.00	25.65	0.00	0.00	0.00
23.10	0.00	0.00	0.00	25.70	0.00	0.00	0.00
23.15	0.00	0.00	0.00	25.75	0.00	0.00	0.00
23.20	0.00	0.00	0.00	25.80	0.00	0.00	0.00
23.25	0.00	0.00	0.00	25.85	0.00	0.00	0.00
23.30	0.00	0.00	0.00	25.90	0.00	0.00	0.00
23.35	0.00	0.00	0.00	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.00	0.00	28.60	0.00	0.00	0.00
26.05	0.00	0.00	0.00	28.65	0.00	0.00	0.00
26.10	0.00	0.00	0.00	28.70	0.00	0.00	0.00
26.15	0.00	0.00	0.00	28.75	0.00	0.00	0.00
26.20	0.00	0.00	0.00	28.80	0.00	0.00	0.00
26.25	0.00	0.00	0.00	28.85	0.00	0.00	0.00
26.30	0.00	0.00	0.00	28.90	0.00	0.00	0.00
26.35	0.00	0.00	0.00	28.95	0.00	0.00	0.00
26.40	0.00	0.00	0.00	29.00	0.00	0.00	0.00
26.45	0.00	0.00	0.00	29.05	0.00	0.00	0.00
26.50	0.00	0.00	0.00	29.10	0.00	0.00	0.00
26.55	0.00	0.00	0.00	29.15	0.00	0.00	0.00
26.60	0.00	0.00	0.00	29.20	0.00	0.00	0.00
26.65	0.00	0.00	0.00	29.25	0.00	0.00	0.00
26.70	0.00	0.00	0.00	29.30	0.00	0.00	0.00
26.75	0.00	0.00	0.00	29.35	0.00	0.00	0.00
26.80	0.00	0.00	0.00	29.40	0.00	0.00	0.00
26.85	0.00	0.00	0.00	29.45	0.00	0.00	0.00
26.90	0.00	0.00	0.00	29.50	0.00	0.00	0.00
26.95	0.00	0.00	0.00	29.55	0.00	0.00	0.00
27.00	0.00	0.00	0.00	29.60	0.00	0.00	0.00
27.05	0.00	0.00	0.00	29.65	0.00	0.00	0.00
27.10	0.00	0.00	0.00	29.70	0.00	0.00	0.00
27.15	0.00	0.00	0.00	29.75	0.00	0.00	0.00
27.20	0.00	0.00	0.00	29.80	0.00	0.00	0.00
27.25	0.00	0.00	0.00	29.85	0.00	0.00	0.00
27.30	0.00	0.00	0.00	29.90	0.00	0.00	0.00
27.35	0.00	0.00	0.00	29.95	0.00	0.00	0.00
27.40	0.00	0.00	0.00	30.00	0.00	0.00	0.00
27.45	0.00	0.00	0.00	30.05	0.00	0.00	0.00
27.50	0.00	0.00	0.00	30.10	0.00	0.00	0.00
27.55	0.00	0.00	0.00	30.15	0.00	0.00	0.00
27.60	0.00	0.00	0.00	30.20	0.00	0.00	0.00
27.65	0.00	0.00	0.00	30.25	0.00	0.00	0.00
27.70	0.00	0.00	0.00	30.30	0.00	0.00	0.00
27.75	0.00	0.00	0.00	30.35	0.00	0.00	0.00
27.80	0.00	0.00	0.00	30.40	0.00	0.00	0.00
27.85	0.00	0.00	0.00	30.45	0.00	0.00	0.00
27.90	0.00	0.00	0.00	30.50	0.00	0.00	0.00
27.95	0.00	0.00	0.00	30.55	0.00	0.00	0.00
28.00	0.00	0.00	0.00	30.60	0.00	0.00	0.00
28.05	0.00	0.00	0.00	30.65	0.00	0.00	0.00
28.10	0.00	0.00	0.00	30.70	0.00	0.00	0.00
28.15	0.00	0.00	0.00	30.75	0.00	0.00	0.00
28.20	0.00	0.00	0.00	30.80	0.00	0.00	0.00
28.25	0.00	0.00	0.00	30.85	0.00	0.00	0.00
28.30	0.00	0.00	0.00	30.90	0.00	0.00	0.00
28.35	0.00	0.00	0.00	30.95	0.00	0.00	0.00
28.40	0.00	0.00	0.00	31.00	0.00	0.00	0.00
28.45	0.00	0.00	0.00	31.05	0.00	0.00	0.00
28.50	0.00	0.00	0.00	31.10	0.00	0.00	0.00
28.55	0.00	0.00	0.00	31.15	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.00	0.00	33.80	0.00	0.00	0.00
31.25	0.00	0.00	0.00	33.85	0.00	0.00	0.00
31.30	0.00	0.00	0.00	33.90	0.00	0.00	0.00
31.35	0.00	0.00	0.00	33.95	0.00	0.00	0.00
31.40	0.00	0.00	0.00	34.00	0.00	0.00	0.00
31.45	0.00	0.00	0.00	34.05	0.00	0.00	0.00
31.50	0.00	0.00	0.00	34.10	0.00	0.00	0.00
31.55	0.00	0.00	0.00	34.15	0.00	0.00	0.00
31.60	0.00	0.00	0.00	34.20	0.00	0.00	0.00
31.65	0.00	0.00	0.00	34.25	0.00	0.00	0.00
31.70	0.00	0.00	0.00	34.30	0.00	0.00	0.00
31.75	0.00	0.00	0.00	34.35	0.00	0.00	0.00
31.80	0.00	0.00	0.00	34.40	0.00	0.00	0.00
31.85	0.00	0.00	0.00	34.45	0.00	0.00	0.00
31.90	0.00	0.00	0.00	34.50	0.00	0.00	0.00
31.95	0.00	0.00	0.00	34.55	0.00	0.00	0.00
32.00	0.00	0.00	0.00	34.60	0.00	0.00	0.00
32.05	0.00	0.00	0.00	34.65	0.00	0.00	0.00
32.10	0.00	0.00	0.00	34.70	0.00	0.00	0.00
32.15	0.00	0.00	0.00	34.75	0.00	0.00	0.00
32.20	0.00	0.00	0.00	34.80	0.00	0.00	0.00
32.25	0.00	0.00	0.00	34.85	0.00	0.00	0.00
32.30	0.00	0.00	0.00	34.90	0.00	0.00	0.00
32.35	0.00	0.00	0.00	34.95	0.00	0.00	0.00
32.40	0.00	0.00	0.00	35.00	0.00	0.00	0.00
32.45	0.00	0.00	0.00	35.05	0.00	0.00	0.00
32.50	0.00	0.00	0.00	35.10	0.00	0.00	0.00
32.55	0.00	0.00	0.00	35.15	0.00	0.00	0.00
32.60	0.00	0.00	0.00	35.20	0.00	0.00	0.00
32.65	0.00	0.00	0.00	35.25	0.00	0.00	0.00
32.70	0.00	0.00	0.00	35.30	0.00	0.00	0.00
32.75	0.00	0.00	0.00	35.35	0.00	0.00	0.00
32.80	0.00	0.00	0.00	35.40	0.00	0.00	0.00
32.85	0.00	0.00	0.00	35.45	0.00	0.00	0.00
32.90	0.00	0.00	0.00	35.50	0.00	0.00	0.00
32.95	0.00	0.00	0.00	35.55	0.00	0.00	0.00
33.00	0.00	0.00	0.00	35.60	0.00	0.00	0.00
33.05	0.00	0.00	0.00	35.65	0.00	0.00	0.00
33.10	0.00	0.00	0.00	35.70	0.00	0.00	0.00
33.15	0.00	0.00	0.00	35.75	0.00	0.00	0.00
33.20	0.00	0.00	0.00	35.80	0.00	0.00	0.00
33.25	0.00	0.00	0.00	35.85	0.00	0.00	0.00
33.30	0.00	0.00	0.00	35.90	0.00	0.00	0.00
33.35	0.00	0.00	0.00	35.95	0.00	0.00	0.00
33.40	0.00	0.00	0.00	36.00	0.00	0.00	0.00
33.45	0.00	0.00	0.00	36.05	0.00	0.00	0.00
33.50	0.00	0.00	0.00	36.10	0.00	0.00	0.00
33.55	0.00	0.00	0.00	36.15	0.00	0.00	0.00
33.60	0.00	0.00	0.00	36.20	0.00	0.00	0.00
33.65	0.00	0.00	0.00	36.25	0.00	0.00	0.00
33.70	0.00	0.00	0.00	36.30	0.00	0.00	0.00
33.75	0.00	0.00	0.00	36.35	0.00	0.00	0.00

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.00	0.00	39.00	0.00	0.00	0.00
36.45	0.00	0.00	0.00	39.05	0.00	0.00	0.00
36.50	0.00	0.00	0.00	39.10	0.00	0.00	0.00
36.55	0.00	0.00	0.00	39.15	0.00	0.00	0.00
36.60	0.00	0.00	0.00	39.20	0.00	0.00	0.00
36.65	0.00	0.00	0.00	39.25	0.00	0.00	0.00
36.70	0.00	0.00	0.00	39.30	0.00	0.00	0.00
36.75	0.00	0.00	0.00	39.35	0.00	0.00	0.00
36.80	0.00	0.00	0.00	39.40	0.00	0.00	0.00
36.85	0.00	0.00	0.00	39.45	0.00	0.00	0.00
36.90	0.00	0.00	0.00	39.50	0.00	0.00	0.00
36.95	0.00	0.00	0.00	39.55	0.00	0.00	0.00
37.00	0.00	0.00	0.00	39.60	0.00	0.00	0.00
37.05	0.00	0.00	0.00	39.65	0.00	0.00	0.00
37.10	0.00	0.00	0.00	39.70	0.00	0.00	0.00
37.15	0.00	0.00	0.00	39.75	0.00	0.00	0.00
37.20	0.00	0.00	0.00	39.80	0.00	0.00	0.00
37.25	0.00	0.00	0.00	39.85	0.00	0.00	0.00
37.30	0.00	0.00	0.00	39.90	0.00	0.00	0.00
37.35	0.00	0.00	0.00	39.95	0.00	0.00	0.00
37.40	0.00	0.00	0.00	40.00	0.00	0.00	0.00
37.45	0.00	0.00	0.00				
37.50	0.00	0.00	0.00				
37.55	0.00	0.00	0.00				
37.60	0.00	0.00	0.00				
37.65	0.00	0.00	0.00				
37.70	0.00	0.00	0.00				
37.75	0.00	0.00	0.00				
37.80	0.00	0.00	0.00				
37.85	0.00	0.00	0.00				
37.90	0.00	0.00	0.00				
37.95	0.00	0.00	0.00				
38.00	0.00	0.00	0.00				
38.05	0.00	0.00	0.00				
38.10	0.00	0.00	0.00				
38.15	0.00	0.00	0.00				
38.20	0.00	0.00	0.00				
38.25	0.00	0.00	0.00				
38.30	0.00	0.00	0.00				
38.35	0.00	0.00	0.00				
38.40	0.00	0.00	0.00				
38.45	0.00	0.00	0.00				
38.50	0.00	0.00	0.00				
38.55	0.00	0.00	0.00				
38.60	0.00	0.00	0.00				
38.65	0.00	0.00	0.00				
38.70	0.00	0.00	0.00				
38.75	0.00	0.00	0.00				
38.80	0.00	0.00	0.00				
38.85	0.00	0.00	0.00				
38.90	0.00	0.00	0.00				
38.95	0.00	0.00	0.00				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 1.36 cfs @ 12.17 hrs, Volume= 0.117 af, Depth= 3.12"
 Routed to Pond B-18 : Basin #18

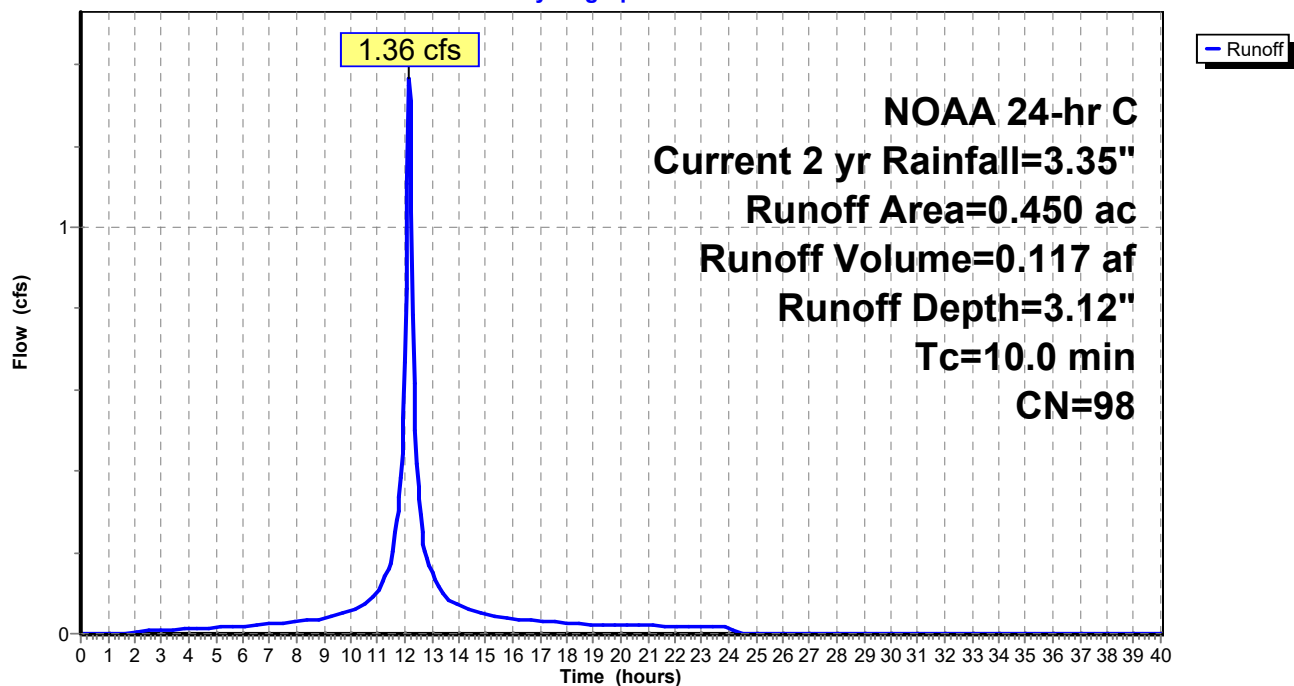
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.01
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.01
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.01
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.01
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.01
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.01
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.01
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.01
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.01
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.01
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.01
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.01
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.01
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.01
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.01
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.01
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.01
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.01
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.01
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.01
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.01
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.01
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.01
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.01
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.01
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.01
1.70	0.06	0.00	0.00	4.30	0.18	0.06	0.01
1.75	0.07	0.00	0.00	4.35	0.18	0.06	0.01
1.80	0.07	0.00	0.00	4.40	0.18	0.06	0.01
1.85	0.07	0.00	0.00	4.45	0.19	0.06	0.01
1.90	0.07	0.00	0.00	4.50	0.19	0.06	0.01
1.95	0.07	0.00	0.00	4.55	0.19	0.06	0.01
2.00	0.08	0.01	0.00	4.60	0.19	0.07	0.01
2.05	0.08	0.01	0.00	4.65	0.20	0.07	0.01
2.10	0.08	0.01	0.00	4.70	0.20	0.07	0.01
2.15	0.08	0.01	0.00	4.75	0.20	0.07	0.02
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.02
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.02
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.02
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.02
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.02
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.02
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.02
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.02

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.02	7.80	0.39	0.22	0.03
5.25	0.23	0.09	0.02	7.85	0.39	0.22	0.03
5.30	0.23	0.09	0.02	7.90	0.39	0.22	0.03
5.35	0.23	0.09	0.02	7.95	0.40	0.23	0.03
5.40	0.23	0.09	0.02	8.00	0.40	0.23	0.03
5.45	0.24	0.10	0.02	8.05	0.41	0.23	0.03
5.50	0.24	0.10	0.02	8.10	0.41	0.24	0.03
5.55	0.24	0.10	0.02	8.15	0.41	0.24	0.03
5.60	0.24	0.10	0.02	8.20	0.42	0.24	0.03
5.65	0.25	0.10	0.02	8.25	0.42	0.25	0.03
5.70	0.25	0.11	0.02	8.30	0.43	0.25	0.03
5.75	0.25	0.11	0.02	8.35	0.43	0.26	0.03
5.80	0.25	0.11	0.02	8.40	0.43	0.26	0.03
5.85	0.26	0.11	0.02	8.45	0.44	0.26	0.03
5.90	0.26	0.11	0.02	8.50	0.44	0.27	0.03
5.95	0.26	0.12	0.02	8.55	0.45	0.27	0.03
6.00	0.27	0.12	0.02	8.60	0.45	0.28	0.04
6.05	0.27	0.12	0.02	8.65	0.46	0.28	0.04
6.10	0.27	0.12	0.02	8.70	0.46	0.28	0.04
6.15	0.27	0.12	0.02	8.75	0.47	0.29	0.04
6.20	0.28	0.13	0.02	8.80	0.47	0.29	0.04
6.25	0.28	0.13	0.02	8.85	0.48	0.30	0.04
6.30	0.28	0.13	0.02	8.90	0.48	0.30	0.04
6.35	0.29	0.13	0.02	8.95	0.48	0.30	0.04
6.40	0.29	0.14	0.02	9.00	0.49	0.31	0.04
6.45	0.29	0.14	0.02	9.05	0.49	0.31	0.04
6.50	0.29	0.14	0.02	9.10	0.50	0.32	0.04
6.55	0.30	0.14	0.02	9.15	0.50	0.32	0.04
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.04
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.04
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.04
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.04
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.04
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.05
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.05
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.05
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.05
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.05
7.10	0.33	0.17	0.03	9.70	0.57	0.38	0.05
7.15	0.34	0.18	0.03	9.75	0.58	0.39	0.05
7.20	0.34	0.18	0.03	9.80	0.58	0.39	0.05
7.25	0.34	0.18	0.03	9.85	0.59	0.40	0.05
7.30	0.35	0.18	0.03	9.90	0.60	0.41	0.06
7.35	0.35	0.19	0.03	9.95	0.60	0.41	0.06
7.40	0.35	0.19	0.03	10.00	0.61	0.42	0.06
7.45	0.36	0.19	0.03	10.05	0.62	0.43	0.06
7.50	0.36	0.20	0.03	10.10	0.63	0.43	0.06
7.55	0.37	0.20	0.03	10.15	0.63	0.44	0.06
7.60	0.37	0.20	0.03	10.20	0.64	0.45	0.06
7.65	0.37	0.21	0.03	10.25	0.65	0.46	0.06
7.70	0.38	0.21	0.03	10.30	0.66	0.46	0.07
7.75	0.38	0.21	0.03	10.35	0.67	0.47	0.07

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.07	13.00	2.55	2.32	0.15
10.45	0.68	0.49	0.07	13.05	2.56	2.33	0.14
10.50	0.69	0.49	0.07	13.10	2.57	2.34	0.14
10.55	0.70	0.50	0.07	13.15	2.58	2.36	0.13
10.60	0.71	0.51	0.07	13.20	2.60	2.37	0.12
10.65	0.72	0.52	0.08	13.25	2.61	2.38	0.12
10.70	0.73	0.53	0.08	13.30	2.62	2.39	0.11
10.75	0.74	0.54	0.08	13.35	2.63	2.40	0.11
10.80	0.75	0.55	0.09	13.40	2.64	2.41	0.10
10.85	0.77	0.57	0.09	13.45	2.65	2.42	0.10
10.90	0.78	0.58	0.10	13.50	2.66	2.43	0.09
10.95	0.79	0.59	0.10	13.55	2.67	2.44	0.09
11.00	0.80	0.60	0.11	13.60	2.68	2.45	0.09
11.05	0.82	0.62	0.11	13.65	2.68	2.45	0.08
11.10	0.83	0.63	0.12	13.70	2.69	2.46	0.08
11.15	0.85	0.65	0.12	13.75	2.70	2.47	0.08
11.20	0.87	0.66	0.13	13.80	2.71	2.48	0.07
11.25	0.89	0.68	0.14	13.85	2.72	2.49	0.07
11.30	0.91	0.70	0.15	13.90	2.72	2.49	0.07
11.35	0.93	0.72	0.15	13.95	2.73	2.50	0.07
11.40	0.95	0.74	0.16	14.00	2.74	2.51	0.07
11.45	0.97	0.76	0.17	14.05	2.75	2.52	0.07
11.50	0.99	0.78	0.18	14.10	2.75	2.52	0.07
11.55	1.02	0.81	0.19	14.15	2.76	2.53	0.07
11.60	1.06	0.85	0.21	14.20	2.77	2.54	0.07
11.65	1.09	0.88	0.25	14.25	2.77	2.54	0.06
11.70	1.13	0.92	0.28	14.30	2.78	2.55	0.06
11.75	1.18	0.96	0.30	14.35	2.79	2.56	0.06
11.80	1.23	1.01	0.33	14.40	2.79	2.56	0.06
11.85	1.29	1.08	0.38	14.45	2.80	2.57	0.06
11.90	1.36	1.14	0.45	14.50	2.81	2.58	0.06
11.95	1.48	1.26	0.53	14.55	2.81	2.58	0.06
12.00	1.60	1.38	0.66	14.60	2.82	2.59	0.06
12.05	1.79	1.57	0.85	14.65	2.82	2.59	0.06
12.10	1.99	1.76	1.10	14.70	2.83	2.60	0.05
12.15	2.06	1.83	1.35	14.75	2.84	2.60	0.05
12.20	2.12	1.90	1.31	14.80	2.84	2.61	0.05
12.25	2.17	1.95	1.04	14.85	2.85	2.61	0.05
12.30	2.22	1.99	0.78	14.90	2.85	2.62	0.05
12.35	2.26	2.03	0.61	14.95	2.86	2.62	0.05
12.40	2.29	2.06	0.50	15.00	2.86	2.63	0.05
12.45	2.33	2.10	0.42	15.05	2.87	2.63	0.05
12.50	2.36	2.13	0.36	15.10	2.87	2.64	0.04
12.55	2.38	2.15	0.33	15.15	2.87	2.64	0.04
12.60	2.40	2.18	0.29	15.20	2.88	2.65	0.04
12.65	2.42	2.20	0.25	15.25	2.88	2.65	0.04
12.70	2.44	2.22	0.22	15.30	2.89	2.66	0.04
12.75	2.46	2.23	0.20	15.35	2.89	2.66	0.04
12.80	2.48	2.25	0.19	15.40	2.90	2.67	0.04
12.85	2.50	2.27	0.18	15.45	2.90	2.67	0.04
12.90	2.52	2.29	0.17	15.50	2.91	2.68	0.04
12.95	2.53	2.30	0.16	15.55	2.91	2.68	0.04

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.04	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.04	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.04	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.04	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.04	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.04	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.04	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.04	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.04	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.04	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.04	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.04	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.04	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.04	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.04	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.04	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.04	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.03	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.03	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.03	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.03	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.03	19.25	3.15	2.92	0.02
16.70	3.00	2.77	0.03	19.30	3.15	2.92	0.02
16.75	3.01	2.77	0.03	19.35	3.15	2.92	0.02
16.80	3.01	2.78	0.03	19.40	3.16	2.92	0.02
16.85	3.01	2.78	0.03	19.45	3.16	2.93	0.02
16.90	3.02	2.78	0.03	19.50	3.16	2.93	0.02
16.95	3.02	2.79	0.03	19.55	3.16	2.93	0.02
17.00	3.02	2.79	0.03	19.60	3.17	2.93	0.02
17.05	3.03	2.79	0.03	19.65	3.17	2.94	0.02
17.10	3.03	2.80	0.03	19.70	3.17	2.94	0.02
17.15	3.03	2.80	0.03	19.75	3.17	2.94	0.02
17.20	3.04	2.80	0.03	19.80	3.18	2.94	0.02
17.25	3.04	2.81	0.03	19.85	3.18	2.95	0.02
17.30	3.04	2.81	0.03	19.90	3.18	2.95	0.02
17.35	3.05	2.81	0.03	19.95	3.18	2.95	0.02
17.40	3.05	2.82	0.03	20.00	3.19	2.95	0.02
17.45	3.05	2.82	0.03	20.05	3.19	2.96	0.02
17.50	3.06	2.82	0.03	20.10	3.19	2.96	0.02
17.55	3.06	2.83	0.03	20.15	3.19	2.96	0.02
17.60	3.06	2.83	0.03	20.20	3.20	2.96	0.02
17.65	3.06	2.83	0.03	20.25	3.20	2.97	0.02
17.70	3.07	2.84	0.03	20.30	3.20	2.97	0.02
17.75	3.07	2.84	0.03	20.35	3.20	2.97	0.02
17.80	3.07	2.84	0.03	20.40	3.20	2.97	0.02
17.85	3.08	2.84	0.03	20.45	3.21	2.97	0.02
17.90	3.08	2.85	0.03	20.50	3.21	2.98	0.02
17.95	3.08	2.85	0.03	20.55	3.21	2.98	0.02
18.00	3.08	2.85	0.03	20.60	3.21	2.98	0.02
18.05	3.09	2.86	0.03	20.65	3.22	2.98	0.02
18.10	3.09	2.86	0.03	20.70	3.22	2.99	0.02
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.02

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.02	23.40	3.33	3.10	0.02
20.85	3.23	2.99	0.02	23.45	3.33	3.10	0.02
20.90	3.23	2.99	0.02	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.02	23.55	3.33	3.10	0.02
21.00	3.23	3.00	0.02	23.60	3.34	3.10	0.02
21.05	3.23	3.00	0.02	23.65	3.34	3.10	0.02
21.10	3.24	3.00	0.02	23.70	3.34	3.11	0.02
21.15	3.24	3.01	0.02	23.75	3.34	3.11	0.02
21.20	3.24	3.01	0.02	23.80	3.34	3.11	0.02
21.25	3.24	3.01	0.02	23.85	3.34	3.11	0.02
21.30	3.24	3.01	0.02	23.90	3.35	3.11	0.02
21.35	3.25	3.01	0.02	23.95	3.35	3.11	0.02
21.40	3.25	3.02	0.02	24.00	3.35	3.12	0.02
21.45	3.25	3.02	0.02	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.02	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.02	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.02	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.02	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.02	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.02	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.02	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.02	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.02	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.02	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.02	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.02	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.02	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.02	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.02	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.02	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.02	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.02	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.02	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.02	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.02	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.02	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.02	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.02	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.02	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.02	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.02	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.02	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.02	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.02	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.02	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.02	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.02	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.02	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.02	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.02	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.02	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.02	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 1.17 cfs @ 12.18 hrs, Volume= 0.091 af, Depth= 1.14"
 Routed to Pond B-18 : Basin #18

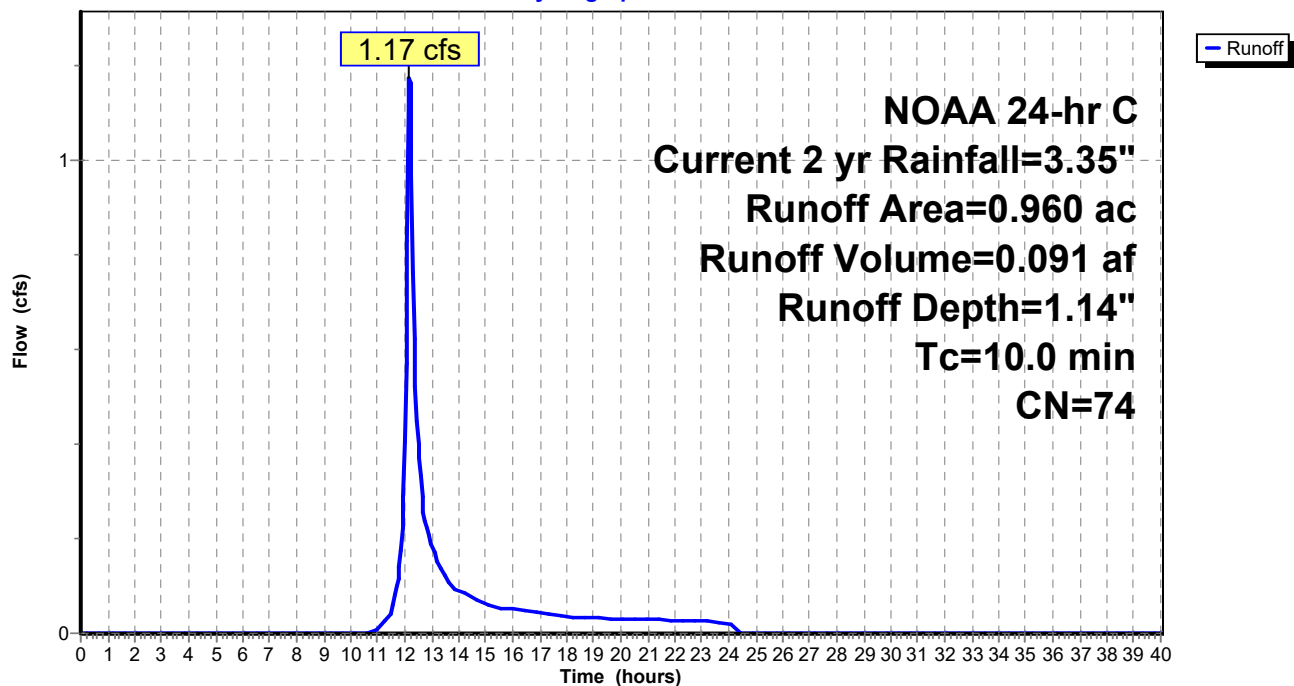
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.18
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.18
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.17
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.16
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.15
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.14
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.14
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.13
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.13
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.12
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.12
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.11
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.11
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.10
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.10
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.10
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.09
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.09
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.09
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.09
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.09
11.45	0.97	0.02	0.04	14.05	2.75	0.75	0.09
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.09
11.55	1.02	0.03	0.05	14.15	2.76	0.76	0.09
11.60	1.06	0.03	0.06	14.20	2.77	0.76	0.08
11.65	1.09	0.04	0.08	14.25	2.77	0.77	0.08
11.70	1.13	0.05	0.10	14.30	2.78	0.77	0.08
11.75	1.18	0.06	0.12	14.35	2.79	0.78	0.08
11.80	1.23	0.07	0.14	14.40	2.79	0.78	0.08
11.85	1.29	0.09	0.18	14.45	2.80	0.78	0.08
11.90	1.36	0.10	0.22	14.50	2.81	0.79	0.08
11.95	1.48	0.14	0.29	14.55	2.81	0.79	0.07
12.00	1.60	0.18	0.40	14.60	2.82	0.80	0.07
12.05	1.79	0.26	0.57	14.65	2.82	0.80	0.07
12.10	1.99	0.34	0.83	14.70	2.83	0.80	0.07
12.15	2.06	0.38	1.12	14.75	2.84	0.81	0.07
12.20	2.12	0.41	1.16	14.80	2.84	0.81	0.07
12.25	2.17	0.43	0.97	14.85	2.85	0.81	0.07
12.30	2.22	0.46	0.76	14.90	2.85	0.82	0.06
12.35	2.26	0.48	0.62	14.95	2.86	0.82	0.06
12.40	2.29	0.50	0.52	15.00	2.86	0.82	0.06
12.45	2.33	0.51	0.45	15.05	2.87	0.82	0.06
12.50	2.36	0.53	0.40	15.10	2.87	0.83	0.06
12.55	2.38	0.54	0.37	15.15	2.87	0.83	0.06
12.60	2.40	0.55	0.33	15.20	2.88	0.83	0.06
12.65	2.42	0.57	0.29	15.25	2.88	0.84	0.06
12.70	2.44	0.58	0.26	15.30	2.89	0.84	0.06
12.75	2.46	0.59	0.24	15.35	2.89	0.84	0.06
12.80	2.48	0.60	0.22	15.40	2.90	0.84	0.05
12.85	2.50	0.61	0.21	15.45	2.90	0.85	0.05
12.90	2.52	0.62	0.20	15.50	2.91	0.85	0.05
12.95	2.53	0.63	0.19	15.55	2.91	0.85	0.05