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Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft ³ /s)
Post Uncontrolled	2-yr	2	0.381	12.150	3.97
Post Uncontrolled	5-yr	5	0.624	12.100	7.06
Post Uncontrolled	10-yr	10	0.866	12.100	10.21
Post Uncontrolled	25-yr	25	1.270	12.100	15.43
Post Uncontrolled	50-yr	50	1.664	12.100	20.46
Post Uncontrolled	100-yr	100	2.143	12.100	26.52
Pre-Developed	2-yr	2	0.410	12.150	4.18
Pre-Developed	5-yr	5	0.675	12.150	7.49
Pre-Developed	10-yr	10	0.940	12.100	10.86
Pre-Developed	25-yr	25	1.384	12.100	16.52
Pre-Developed	50-yr	50	1.816	12.100	21.99
Pre-Developed	100-yr	100	2.344	12.100	28.59
Post Controlled	2-yr	2	0.068	11.950	1.21
Post Controlled	5-yr	5	0.101	11.950	1.83
Post Controlled	10-yr	10	0.133	11.950	2.41
Post Controlled	25-yr	25	0.185	11.900	3.35
Post Controlled	50-yr	50	0.234	11.900	4.25
Post Controlled	100-yr	100	0.292	11.900	5.30

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft ³ /s)
Pre-Out	2-yr	2	0.410	12.150	4.18
Pre-Out	5-yr	5	0.675	12.150	7.49
Pre-Out	10-yr	10	0.940	12.100	10.86
Pre-Out	25-yr	25	1.384	12.100	16.52
Pre-Out	50-yr	50	1.816	12.100	21.99
Pre-Out	100-yr	100	2.344	12.100	28.59
Post-Out	2-yr	2	0.381	12.150	3.97
Post-Out	5-yr	5	0.624	12.100	7.06
Post-Out	10-yr	10	0.866	12.100	10.21
Post-Out	25-yr	25	1.319	12.100	15.43
Post-Out	50-yr	50	1.761	12.100	20.52
Post-Out	100-yr	100	2.297	12.100	26.96

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft ³ /s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BMP (IN)	2-yr	2	0.068	11.950	1.21	(N/A)	(N/A)
BMP (OUT)	2-yr	2	0.000	0.000	0.00	925.98	0.048

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (hours)	Peak Flow (ft ³ /s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BMP (IN)	5-yr	5	0.101	11.950	1.83	(N/A)	(N/A)
BMP (OUT)	5-yr	5	0.000	0.000	0.00	926.50	0.081
BMP (IN)	10-yr	10	0.133	11.950	2.41	(N/A)	(N/A)
BMP (OUT)	10-yr	10	0.000	0.000	0.00	926.98	0.112
BMP (IN)	25-yr	25	0.185	11.900	3.35	(N/A)	(N/A)
BMP (OUT)	25-yr	25	0.049	14.200	0.10	927.14	0.122
BMP (IN)	50-yr	50	0.234	11.900	4.25	(N/A)	(N/A)
BMP (OUT)	50-yr	50	0.097	12.900	0.26	927.37	0.135
BMP (IN)	100-yr	100	0.292	11.900	5.30	(N/A)	(N/A)
BMP (OUT)	100-yr	100	0.154	12.450	0.53	927.87	0.158

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 100 years
 Storm Event: 100-year

Time-Depth Curve: 100-year

Label	100-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.1	0.1	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.2	0.2	0.2	0.2	0.2
2.500	0.2	0.2	0.2	0.2	0.2
3.000	0.2	0.2	0.3	0.3	0.3
3.500	0.3	0.3	0.3	0.3	0.3
4.000	0.3	0.3	0.4	0.4	0.4
4.500	0.4	0.4	0.4	0.4	0.4
5.000	0.4	0.4	0.5	0.5	0.5
5.500	0.5	0.5	0.5	0.5	0.5
6.000	0.6	0.6	0.6	0.6	0.6
6.500	0.6	0.6	0.6	0.7	0.7
7.000	0.7	0.7	0.7	0.7	0.7
7.500	0.8	0.8	0.8	0.8	0.8
8.000	0.8	0.8	0.9	0.9	0.9
8.500	0.9	0.9	1.0	1.0	1.0
9.000	1.0	1.0	1.1	1.1	1.1
9.500	1.1	1.1	1.2	1.2	1.2
10.000	1.3	1.3	1.3	1.3	1.4
10.500	1.4	1.4	1.5	1.5	1.6
11.000	1.6	1.7	1.7	1.8	1.9
11.500	2.0	2.1	2.4	3.0	3.9
12.000	4.6	4.7	4.8	4.9	5.0
12.500	5.1	5.1	5.2	5.2	5.3
13.000	5.3	5.4	5.4	5.5	5.5
13.500	5.5	5.6	5.6	5.6	5.6
14.000	5.7	5.7	5.7	5.7	5.8
14.500	5.8	5.8	5.8	5.9	5.9
15.000	5.9	5.9	5.9	6.0	6.0
15.500	6.0	6.0	6.0	6.0	6.1
16.000	6.1	6.1	6.1	6.1	6.1
16.500	6.2	6.2	6.2	6.2	6.2
17.000	6.2	6.2	6.3	6.3	6.3
17.500	6.3	6.3	6.3	6.3	6.4

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 100 years
 Storm Event: 100-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	6.4	6.4	6.4	6.4	6.4
18.500	6.4	6.4	6.4	6.5	6.5
19.000	6.5	6.5	6.5	6.5	6.5
19.500	6.5	6.5	6.6	6.6	6.6
20.000	6.6	6.6	6.6	6.6	6.6
20.500	6.6	6.6	6.6	6.6	6.7
21.000	6.7	6.7	6.7	6.7	6.7
21.500	6.7	6.7	6.7	6.7	6.7
22.000	6.8	6.8	6.8	6.8	6.8
22.500	6.8	6.8	6.8	6.8	6.8
23.000	6.8	6.8	6.8	6.9	6.9
23.500	6.9	6.9	6.9	6.9	6.9
24.000	6.9	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 10 years
 Storm Event: 10-year

Time-Depth Curve: 10-year

Label	10-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	10 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.2	0.2	0.2
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.2	0.2	0.2	0.2	0.3
5.000	0.3	0.3	0.3	0.3	0.3
5.500	0.3	0.3	0.3	0.3	0.3
6.000	0.3	0.3	0.3	0.4	0.4
6.500	0.4	0.4	0.4	0.4	0.4
7.000	0.4	0.4	0.4	0.4	0.4
7.500	0.5	0.5	0.5	0.5	0.5
8.000	0.5	0.5	0.5	0.5	0.5
8.500	0.6	0.6	0.6	0.6	0.6
9.000	0.6	0.6	0.6	0.7	0.7
9.500	0.7	0.7	0.7	0.7	0.7
10.000	0.8	0.8	0.8	0.8	0.8
10.500	0.9	0.9	0.9	0.9	1.0
11.000	1.0	1.0	1.0	1.1	1.1
11.500	1.2	1.3	1.5	1.8	2.4
12.000	2.8	2.8	2.9	3.0	3.0
12.500	3.1	3.1	3.1	3.2	3.2
13.000	3.2	3.2	3.3	3.3	3.3
13.500	3.3	3.4	3.4	3.4	3.4
14.000	3.4	3.4	3.4	3.5	3.5
14.500	3.5	3.5	3.5	3.5	3.5
15.000	3.6	3.6	3.6	3.6	3.6
15.500	3.6	3.6	3.6	3.6	3.7
16.000	3.7	3.7	3.7	3.7	3.7
16.500	3.7	3.7	3.7	3.7	3.8
17.000	3.8	3.8	3.8	3.8	3.8
17.500	3.8	3.8	3.8	3.8	3.8

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 10 years
 Storm Event: 10-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	3.8	3.8	3.9	3.9	3.9
18.500	3.9	3.9	3.9	3.9	3.9
19.000	3.9	3.9	3.9	3.9	3.9
19.500	3.9	3.9	4.0	4.0	4.0
20.000	4.0	4.0	4.0	4.0	4.0
20.500	4.0	4.0	4.0	4.0	4.0
21.000	4.0	4.0	4.0	4.0	4.0
21.500	4.0	4.1	4.1	4.1	4.1
22.000	4.1	4.1	4.1	4.1	4.1
22.500	4.1	4.1	4.1	4.1	4.1
23.000	4.1	4.1	4.1	4.1	4.1
23.500	4.1	4.2	4.2	4.2	4.2
24.000	4.2	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 25 years
 Storm Event: 25-year

Time-Depth Curve: 25-year

Label	25-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	25 years

CUMULATIVE RAINFALL (in)

Output Time Increment = 0.100 hours

Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.2	0.2	0.2
3.000	0.2	0.2	0.2	0.2	0.2
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.3	0.3	0.3	0.3
4.500	0.3	0.3	0.3	0.3	0.3
5.000	0.3	0.3	0.3	0.3	0.4
5.500	0.4	0.4	0.4	0.4	0.4
6.000	0.4	0.4	0.4	0.4	0.4
6.500	0.5	0.5	0.5	0.5	0.5
7.000	0.5	0.5	0.5	0.5	0.5
7.500	0.6	0.6	0.6	0.6	0.6
8.000	0.6	0.6	0.6	0.6	0.7
8.500	0.7	0.7	0.7	0.7	0.7
9.000	0.7	0.8	0.8	0.8	0.8
9.500	0.8	0.8	0.9	0.9	0.9
10.000	0.9	0.9	1.0	1.0	1.0
10.500	1.0	1.1	1.1	1.1	1.2
11.000	1.2	1.2	1.3	1.3	1.4
11.500	1.4	1.6	1.8	2.2	2.9
12.000	3.4	3.5	3.6	3.6	3.7
12.500	3.7	3.8	3.8	3.9	3.9
13.000	3.9	4.0	4.0	4.0	4.1
13.500	4.1	4.1	4.1	4.1	4.2
14.000	4.2	4.2	4.2	4.2	4.3
14.500	4.3	4.3	4.3	4.3	4.3
15.000	4.4	4.4	4.4	4.4	4.4
15.500	4.4	4.4	4.5	4.5	4.5
16.000	4.5	4.5	4.5	4.5	4.5
16.500	4.5	4.6	4.6	4.6	4.6
17.000	4.6	4.6	4.6	4.6	4.6
17.500	4.6	4.7	4.7	4.7	4.7

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 25 years
 Storm Event: 25-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	4.7	4.7	4.7	4.7	4.7
18.500	4.7	4.7	4.8	4.8	4.8
19.000	4.8	4.8	4.8	4.8	4.8
19.500	4.8	4.8	4.8	4.8	4.8
20.000	4.9	4.9	4.9	4.9	4.9
20.500	4.9	4.9	4.9	4.9	4.9
21.000	4.9	4.9	4.9	4.9	4.9
21.500	5.0	5.0	5.0	5.0	5.0
22.000	5.0	5.0	5.0	5.0	5.0
22.500	5.0	5.0	5.0	5.0	5.0
23.000	5.0	5.0	5.1	5.1	5.1
23.500	5.1	5.1	5.1	5.1	5.1
24.000	5.1	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 2 years
 Storm Event: 2-year

Time-Depth Curve: 2-year

Label	2-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	2 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.0
1.500	0.0	0.0	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.1	0.1	0.1	0.1
4.000	0.1	0.1	0.1	0.2	0.2
4.500	0.2	0.2	0.2	0.2	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.2	0.2	0.2	0.2	0.2
6.000	0.2	0.2	0.2	0.2	0.3
6.500	0.3	0.3	0.3	0.3	0.3
7.000	0.3	0.3	0.3	0.3	0.3
7.500	0.3	0.3	0.3	0.3	0.3
8.000	0.3	0.4	0.4	0.4	0.4
8.500	0.4	0.4	0.4	0.4	0.4
9.000	0.4	0.4	0.4	0.4	0.5
9.500	0.5	0.5	0.5	0.5	0.5
10.000	0.5	0.5	0.5	0.6	0.6
10.500	0.6	0.6	0.6	0.6	0.7
11.000	0.7	0.7	0.7	0.7	0.8
11.500	0.8	0.9	1.0	1.2	1.6
12.000	1.9	2.0	2.0	2.0	2.1
12.500	2.1	2.1	2.2	2.2	2.2
13.000	2.2	2.2	2.2	2.3	2.3
13.500	2.3	2.3	2.3	2.3	2.3
14.000	2.4	2.4	2.4	2.4	2.4
14.500	2.4	2.4	2.4	2.4	2.4
15.000	2.4	2.5	2.5	2.5	2.5
15.500	2.5	2.5	2.5	2.5	2.5
16.000	2.5	2.5	2.5	2.5	2.6
16.500	2.6	2.6	2.6	2.6	2.6
17.000	2.6	2.6	2.6	2.6	2.6
17.500	2.6	2.6	2.6	2.6	2.6

Subsection: Time-Depth Curve
Label: Time-Depth - 1

Return Event: 2 years
Storm Event: 2-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	2.6	2.6	2.7	2.7	2.7
18.500	2.7	2.7	2.7	2.7	2.7
19.000	2.7	2.7	2.7	2.7	2.7
19.500	2.7	2.7	2.7	2.7	2.7
20.000	2.7	2.7	2.7	2.7	2.7
20.500	2.8	2.8	2.8	2.8	2.8
21.000	2.8	2.8	2.8	2.8	2.8
21.500	2.8	2.8	2.8	2.8	2.8
22.000	2.8	2.8	2.8	2.8	2.8
22.500	2.8	2.8	2.8	2.8	2.8
23.000	2.8	2.8	2.8	2.8	2.9
23.500	2.9	2.9	2.9	2.9	2.9
24.000	2.9	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 50 years
 Storm Event: 50-year

Time-Depth Curve: 50-year

Label	50-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	50 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.2	0.2
2.500	0.2	0.2	0.2	0.2	0.2
3.000	0.2	0.2	0.2	0.2	0.2
3.500	0.2	0.3	0.3	0.3	0.3
4.000	0.3	0.3	0.3	0.3	0.3
4.500	0.3	0.3	0.3	0.4	0.4
5.000	0.4	0.4	0.4	0.4	0.4
5.500	0.4	0.4	0.4	0.5	0.5
6.000	0.5	0.5	0.5	0.5	0.5
6.500	0.5	0.5	0.6	0.6	0.6
7.000	0.6	0.6	0.6	0.6	0.6
7.500	0.6	0.7	0.7	0.7	0.7
8.000	0.7	0.7	0.7	0.8	0.8
8.500	0.8	0.8	0.8	0.8	0.9
9.000	0.9	0.9	0.9	0.9	0.9
9.500	1.0	1.0	1.0	1.0	1.1
10.000	1.1	1.1	1.1	1.2	1.2
10.500	1.2	1.2	1.3	1.3	1.4
11.000	1.4	1.4	1.5	1.5	1.6
11.500	1.7	1.8	2.1	2.6	3.4
12.000	3.9	4.1	4.1	4.2	4.3
12.500	4.4	4.4	4.5	4.5	4.5
13.000	4.6	4.6	4.7	4.7	4.7
13.500	4.7	4.8	4.8	4.8	4.8
14.000	4.9	4.9	4.9	4.9	5.0
14.500	5.0	5.0	5.0	5.0	5.1
15.000	5.1	5.1	5.1	5.1	5.1
15.500	5.2	5.2	5.2	5.2	5.2
16.000	5.2	5.2	5.3	5.3	5.3
16.500	5.3	5.3	5.3	5.3	5.3
17.000	5.4	5.4	5.4	5.4	5.4
17.500	5.4	5.4	5.4	5.4	5.5

Subsection: Time-Depth Curve
Label: Time-Depth - 1

Return Event: 50 years
Storm Event: 50-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	5.5	5.5	5.5	5.5	5.5
18.500	5.5	5.5	5.5	5.6	5.6
19.000	5.6	5.6	5.6	5.6	5.6
19.500	5.6	5.6	5.6	5.6	5.6
20.000	5.7	5.7	5.7	5.7	5.7
20.500	5.7	5.7	5.7	5.7	5.7
21.000	5.7	5.7	5.7	5.8	5.8
21.500	5.8	5.8	5.8	5.8	5.8
22.000	5.8	5.8	5.8	5.8	5.8
22.500	5.8	5.8	5.9	5.9	5.9
23.000	5.9	5.9	5.9	5.9	5.9
23.500	5.9	5.9	5.9	5.9	5.9
24.000	5.9	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 5 years
 Storm Event: 5-year

Time-Depth Curve: 5-year

Label	5-year
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	5 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.2	0.2	0.2	0.2	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.3	0.3	0.3	0.3	0.3
6.000	0.3	0.3	0.3	0.3	0.3
6.500	0.3	0.3	0.3	0.3	0.3
7.000	0.4	0.4	0.4	0.4	0.4
7.500	0.4	0.4	0.4	0.4	0.4
8.000	0.4	0.4	0.4	0.5	0.5
8.500	0.5	0.5	0.5	0.5	0.5
9.000	0.5	0.5	0.5	0.6	0.6
9.500	0.6	0.6	0.6	0.6	0.6
10.000	0.6	0.7	0.7	0.7	0.7
10.500	0.7	0.7	0.8	0.8	0.8
11.000	0.8	0.9	0.9	0.9	1.0
11.500	1.0	1.1	1.3	1.5	2.0
12.000	2.4	2.4	2.5	2.5	2.6
12.500	2.6	2.6	2.7	2.7	2.7
13.000	2.7	2.8	2.8	2.8	2.8
13.500	2.8	2.9	2.9	2.9	2.9
14.000	2.9	2.9	2.9	3.0	3.0
14.500	3.0	3.0	3.0	3.0	3.0
15.000	3.0	3.0	3.1	3.1	3.1
15.500	3.1	3.1	3.1	3.1	3.1
16.000	3.1	3.1	3.1	3.2	3.2
16.500	3.2	3.2	3.2	3.2	3.2
17.000	3.2	3.2	3.2	3.2	3.2
17.500	3.2	3.3	3.3	3.3	3.3

Subsection: Time-Depth Curve
 Label: Time-Depth - 1

Return Event: 5 years
 Storm Event: 5-year

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
18.000	3.3	3.3	3.3	3.3	3.3
18.500	3.3	3.3	3.3	3.3	3.3
19.000	3.3	3.3	3.3	3.4	3.4
19.500	3.4	3.4	3.4	3.4	3.4
20.000	3.4	3.4	3.4	3.4	3.4
20.500	3.4	3.4	3.4	3.4	3.4
21.000	3.4	3.4	3.4	3.4	3.5
21.500	3.5	3.5	3.5	3.5	3.5
22.000	3.5	3.5	3.5	3.5	3.5
22.500	3.5	3.5	3.5	3.5	3.5
23.000	3.5	3.5	3.5	3.5	3.5
23.500	3.5	3.5	3.5	3.6	3.6
24.000	3.6	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time of Concentration Calculations
Label: Post Uncontrolled

Return Event: 2 years
Storm Event: 2-year

Time of Concentration Results

Segment #1: TR-55 Sheet Flow

Hydraulic Length	100.00 ft
Manning's n	0.800
Slope	0.150 ft/ft
2 Year 24 Hour Depth	2.7 in
Average Velocity	0.09 ft/s
Segment Time of Concentration	0.303 hours

Segment #2: TR-55 Shallow Concentrated Flow

Hydraulic Length	1,020.00 ft
Is Paved?	False
Slope	0.175 ft/ft
Average Velocity	6.75 ft/s
Segment Time of Concentration	0.042 hours

Segment #3: TR-55 Channel Flow

Flow Area	18.0 ft ²
Hydraulic Length	430.00 ft
Manning's n	0.040
Slope	0.040 ft/ft
Wetted Perimeter	12.00 ft
Average Velocity	9.76 ft/s
Segment Time of Concentration	0.012 hours

Time of Concentration (Composite)

Time of Concentration (Composite)	0.357 hours
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Subsection: Time of Concentration Calculations
Label: Post Uncontrolled

Return Event: 2 years
Storm Event: 2-year

==== SCS Channel Flow

$T_c = \frac{R = Q_a / W_p}{V = (1.49 * (R^{2/3}) * (S_f^{0.5})) / n}$
 $(L_f / V) / 3600$
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Where: Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Unpaved surface:
 $V = 16.1345 * (S_f^{0.5})$
Tc = Paved Surface:
 $V = 20.3282 * (S_f^{0.5})$
 $(L_f / V) / 3600$
V= Velocity, ft/sec
Where: Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Sheet Flow

$T_c = \frac{(0.007 * ((n * L_f)^{0.8}))}{((P^{0.5}) * (S_f^{0.4}))}$
Tc= Time of concentration, hours
n= Manning's n
Where: Lf= Flow length, feet
P= 2yr, 24hr Rain depth, inches
Sf= Slope, %

Subsection: Time of Concentration Calculations
Label: Pre-Developed

Return Event: 2 years
Storm Event: 2-year

Time of Concentration Results

Segment #1: TR-55 Sheet Flow

Hydraulic Length	100.00 ft
Manning's n	0.800
Slope	0.150 ft/ft
2 Year 24 Hour Depth	2.7 in
Average Velocity	0.09 ft/s
Segment Time of Concentration	0.303 hours

Segment #2: TR-55 Shallow Concentrated Flow

Hydraulic Length	1,100.00 ft
Is Paved?	False
Slope	0.175 ft/ft
Average Velocity	6.75 ft/s
Segment Time of Concentration	0.045 hours

Segment #3: TR-55 Channel Flow

Flow Area	16.0 ft ²
Hydraulic Length	350.00 ft
Manning's n	0.040
Slope	0.040 ft/ft
Wetted Perimeter	12.00 ft
Average Velocity	9.03 ft/s
Segment Time of Concentration	0.011 hours

Time of Concentration (Composite)

Time of Concentration (Composite)	0.359 hours
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Subsection: Time of Concentration Calculations
Label: Pre-Developed

Return Event: 2 years
Storm Event: 2-year

==== SCS Channel Flow

$T_c = \frac{R = Q_a / W_p}{V = (1.49 * (R^{2/3}) * (S_f^{0.5})) / n}$
 $(L_f / V) / 3600$
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Where: Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Unpaved surface:
 $V = 16.1345 * (S_f^{0.5})$
Tc = Paved Surface:
 $V = 20.3282 * (S_f^{0.5})$
 $(L_f / V) / 3600$
V= Velocity, ft/sec
Where: Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Sheet Flow

$T_c = \frac{(0.007 * ((n * L_f)^{0.8}) / ((P^{0.5}) * (S_f^{0.4}))}{T_c = \text{Time of concentration, hours}}$
n= Manning's n
Where: Lf= Flow length, feet
P= 2yr, 24hr Rain depth, inches
Sf= Slope, %

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 2 years
 Storm Event: 2-year

Storm Event	2-year
Return Event	2 years
Duration	48.000 hours
Depth	2.9 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.933 hours
Flow (Peak, Computed)	1.24 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.950 hours
Flow (Peak Interpolated Output)	1.21 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.0 in
Runoff Volume (Pervious)	0.068 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.068 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 2 years
Storm Event: 2-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 5 years
 Storm Event: 5-year

Storm Event	5-year
Return Event	5 years
Duration	48.000 hours
Depth	3.6 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.922 hours
Flow (Peak, Computed)	1.90 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.950 hours
Flow (Peak Interpolated Output)	1.83 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.5 in
Runoff Volume (Pervious)	0.101 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.101 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 5 years
Storm Event: 5-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 10 years
 Storm Event: 10-year

Storm Event	10-year
Return Event	10 years
Duration	48.000 hours
Depth	4.2 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.922 hours
Flow (Peak, Computed)	2.52 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.950 hours
Flow (Peak Interpolated Output)	2.41 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.0 in
Runoff Volume (Pervious)	0.133 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.133 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 10 years
Storm Event: 10-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 25 years
 Storm Event: 25-year

Storm Event	25-year
Return Event	25 years
Duration	48.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.922 hours
Flow (Peak, Computed)	3.51 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.900 hours
Flow (Peak Interpolated Output)	3.35 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.7 in
Runoff Volume (Pervious)	0.185 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.185 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 25 years
Storm Event: 25-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 50 years
 Storm Event: 50-year

Storm Event	50-year
Return Event	50 years
Duration	48.000 hours
Depth	5.9 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.922 hours
Flow (Peak, Computed)	4.42 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.900 hours
Flow (Peak Interpolated Output)	4.25 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.5 in
Runoff Volume (Pervious)	0.234 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.234 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 50 years
Storm Event: 50-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Controlled

Return Event: 100 years
 Storm Event: 100-year

Storm Event	100-year
Return Event	100 years
Duration	48.000 hours
Depth	6.9 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.813 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	11.922 hours
Flow (Peak, Computed)	5.50 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	11.900 hours
Flow (Peak Interpolated Output)	5.30 ft ³ /s

Drainage Area	
SCS CN (Composite)	77.287
Area (User Defined)	0.813 acres
Maximum Retention (Pervious)	2.9 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.3 in
Runoff Volume (Pervious)	0.292 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.292 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	11.05 ft ³ /s
Unit peak time, Tp	0.056 hours

Subsection: Unit Hydrograph Summary
Label: Post Controlled

Return Event: 100 years
Storm Event: 100-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 2 years
 Storm Event: 2-year

Storm Event	2-year
Return Event	2 years
Duration	48.000 hours
Depth	2.9 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.145 hours
Flow (Peak, Computed)	4.00 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	3.97 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.6 in
Runoff Volume (Pervious)	0.381 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.381 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 2 years
Storm Event: 2-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 5 years
 Storm Event: 5-year

Storm Event	5-year
Return Event	5 years
Duration	48.000 hours
Depth	3.6 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.145 hours
Flow (Peak, Computed)	7.08 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	7.06 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.0 in
Runoff Volume (Pervious)	0.624 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.624 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 5 years
Storm Event: 5-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 10 years
 Storm Event: 10-year

Storm Event	10-year
Return Event	10 years
Duration	48.000 hours
Depth	4.2 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.098 hours
Flow (Peak, Computed)	10.21 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	10.21 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.4 in
Runoff Volume (Pervious)	0.865 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.866 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 10 years
Storm Event: 10-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 25 years
 Storm Event: 25-year

Storm Event	25-year
Return Event	25 years
Duration	48.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.098 hours
Flow (Peak, Computed)	15.44 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	15.43 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.1 in
Runoff Volume (Pervious)	1.269 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1.270 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 25 years
Storm Event: 25-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 50 years
 Storm Event: 50-year

Storm Event	50-year
Return Event	50 years
Duration	48.000 hours
Depth	5.9 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.098 hours
Flow (Peak, Computed)	20.48 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	20.46 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.7 in
Runoff Volume (Pervious)	1.662 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1.664 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 50 years
Storm Event: 50-year

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Post Uncontrolled

Return Event: 100 years
 Storm Event: 100-year

Storm Event	100-year
Return Event	100 years
Duration	48.000 hours
Depth	6.9 in
Time of Concentration (Composite)	0.357 hours
Area (User Defined)	7.358 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.098 hours
Flow (Peak, Computed)	26.55 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	26.52 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.490
Area (User Defined)	7.358 acres
Maximum Retention (Pervious)	4.4 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.5 in
Runoff Volume (Pervious)	2.141 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2.143 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.357 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	23.34 ft ³ /s
Unit peak time, Tp	0.238 hours

Subsection: Unit Hydrograph Summary
Label: Post Uncontrolled

Return Event: 100 years
Storm Event: 100-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.953 hours
Total unit time, Tb	1.191 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 2 years
 Storm Event: 2-year

Storm Event	2-year
Return Event	2 years
Duration	48.000 hours
Depth	2.9 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.160 hours
Flow (Peak, Computed)	4.18 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	4.18 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.6 in
Runoff Volume (Pervious)	0.410 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.410 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 2 years
Storm Event: 2-year

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 5 years
 Storm Event: 5-year

Storm Event	5-year
Return Event	5 years
Duration	48.000 hours
Depth	3.6 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.112 hours
Flow (Peak, Computed)	7.60 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	7.49 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.0 in
Runoff Volume (Pervious)	0.675 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.675 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 5 years
Storm Event: 5-year

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 10 years
 Storm Event: 10-year

Storm Event	10-year
Return Event	10 years
Duration	48.000 hours
Depth	4.2 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.112 hours
Flow (Peak, Computed)	11.02 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	10.86 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.4 in
Runoff Volume (Pervious)	0.940 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.940 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 10 years
Storm Event: 10-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 25 years
 Storm Event: 25-year

Storm Event	25-year
Return Event	25 years
Duration	48.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.112 hours
Flow (Peak, Computed)	16.71 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	16.52 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.0 in
Runoff Volume (Pervious)	1.384 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1.384 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 25 years
Storm Event: 25-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 50 years
 Storm Event: 50-year

Storm Event	50-year
Return Event	50 years
Duration	48.000 hours
Depth	5.9 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.112 hours
Flow (Peak, Computed)	22.20 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	21.99 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.7 in
Runoff Volume (Pervious)	1.817 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1.816 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 50 years
Storm Event: 50-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Unit Hydrograph Summary
 Label: Pre-Developed

Return Event: 100 years
 Storm Event: 100-year

Storm Event	100-year
Return Event	100 years
Duration	48.000 hours
Depth	6.9 in
Time of Concentration (Composite)	0.359 hours
Area (User Defined)	8.170 acres

Computational Time Increment	0.048 hours
Time to Peak (Computed)	12.112 hours
Flow (Peak, Computed)	28.83 ft ³ /s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	28.59 ft ³ /s

Drainage Area	
SCS CN (Composite)	69.026
Area (User Defined)	8.170 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.4 in
Runoff Volume (Pervious)	2.344 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2.344 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.359 hours
Computational Time Increment	0.048 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	25.78 ft ³ /s
Unit peak time, Tp	0.239 hours

Subsection: Unit Hydrograph Summary
Label: Pre-Developed

Return Event: 100 years
Storm Event: 100-year

SCS Unit Hydrograph Parameters

Unit receding limb, Tr	0.957 hours
Total unit time, Tb	1.197 hours

Subsection: Addition Summary
 Label: Post-Out

Return Event: 2 years
 Storm Event: 2-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.000	0.000	0.00
Flow (From)	Post Uncontrolled	0.382	12.150	3.97
Flow (In)	Post-Out	0.382	12.150	3.97

Subsection: Addition Summary
Label: Post-Out

Return Event: 5 years
Storm Event: 5-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.000	0.000	0.00
Flow (From)	Post Uncontrolled	0.624	12.100	7.06
Flow (In)	Post-Out	0.624	12.100	7.06

Subsection: Addition Summary
Label: Post-Out

Return Event: 10 years
Storm Event: 10-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.000	0.000	0.00
Flow (From)	Post Uncontrolled	0.866	12.100	10.21
Flow (In)	Post-Out	0.866	12.100	10.21

Subsection: Addition Summary
Label: Post-Out

Return Event: 25 years
Storm Event: 25-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.049	14.200	0.10
Flow (From)	Post Uncontrolled	1.270	12.100	15.43
Flow (In)	Post-Out	1.319	12.100	15.43

Subsection: Addition Summary
Label: Post-Out

Return Event: 50 years
Storm Event: 50-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.097	12.900	0.26
Flow (From)	Post Uncontrolled	1.664	12.100	20.46
Flow (In)	Post-Out	1.761	12.100	20.52

Subsection: Addition Summary
Label: Post-Out

Return Event: 100 years
Storm Event: 100-year

Summary for Hydrograph Addition at 'Post-Out'

Upstream Link	Upstream Node
Outlet-1	BMP
<Catchment to Outflow Node>	Post Uncontrolled

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Outlet-1	0.154	12.450	0.53
Flow (From)	Post Uncontrolled	2.143	12.100	26.52
Flow (In)	Post-Out	2.297	12.100	26.96

Subsection: Addition Summary
Label: Pre-Out

Return Event: 2 years
Storm Event: 2-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	0.410	12.150	4.18
Flow (In)	Pre-Out	0.410	12.150	4.18

Subsection: Addition Summary
Label: Pre-Out

Return Event: 5 years
Storm Event: 5-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	0.675	12.150	7.49
Flow (In)	Pre-Out	0.675	12.150	7.49

Subsection: Addition Summary
Label: Pre-Out

Return Event: 10 years
Storm Event: 10-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	0.940	12.100	10.86
Flow (In)	Pre-Out	0.940	12.100	10.86

Subsection: Addition Summary
Label: Pre-Out

Return Event: 25 years
Storm Event: 25-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	1.384	12.100	16.52
Flow (In)	Pre-Out	1.384	12.100	16.52

Subsection: Addition Summary
Label: Pre-Out

Return Event: 50 years
Storm Event: 50-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	1.816	12.100	21.99
Flow (In)	Pre-Out	1.816	12.100	21.99

Subsection: Addition Summary
Label: Pre-Out

Return Event: 100 years
Storm Event: 100-year

Summary for Hydrograph Addition at 'Pre-Out'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	Pre-Developed

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (hours)	Flow (Peak) (ft ³ /s)
Flow (From)	Pre-Developed	2.344	12.100	28.59
Flow (In)	Pre-Out	2.344	12.100	28.59

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.00	925.00	925.00
7.250	925.00	925.00	925.00	925.00	925.00
7.500	925.00	925.00	925.00	925.00	925.00
7.750	925.00	925.00	925.00	925.00	925.00
8.000	925.00	925.00	925.00	925.00	925.00
8.250	925.00	925.00	925.00	925.00	925.00
8.500	925.00	925.00	925.00	925.00	925.00
8.750	925.00	925.00	925.00	925.00	925.00
9.000	925.00	925.00	925.00	925.00	925.00
9.250	925.00	925.00	925.00	925.00	925.00
9.500	925.00	925.00	925.00	925.00	925.00
9.750	925.00	925.00	925.00	925.00	925.00
10.000	925.00	925.00	925.00	925.00	925.00
10.250	925.00	925.00	925.00	925.00	925.00
10.500	925.00	925.00	925.00	925.00	925.00

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.00	925.00	925.00	925.00	925.00
11.000	925.00	925.00	925.00	925.01	925.01
11.250	925.01	925.01	925.01	925.02	925.02
11.500	925.02	925.02	925.03	925.04	925.06
11.750	925.08	925.12	925.18	925.27	925.39
12.000	925.50	925.57	925.61	925.63	925.65
12.250	925.67	925.68	925.69	925.70	925.71
12.500	925.72	925.73	925.74	925.74	925.75
12.750	925.76	925.76	925.77	925.77	925.78
13.000	925.78	925.79	925.79	925.80	925.80
13.250	925.81	925.81	925.82	925.82	925.82
13.500	925.83	925.83	925.83	925.84	925.84
13.750	925.84	925.85	925.85	925.85	925.85
14.000	925.86	925.86	925.86	925.86	925.87
14.250	925.87	925.87	925.87	925.88	925.88
14.500	925.88	925.88	925.89	925.89	925.89
14.750	925.89	925.89	925.90	925.90	925.90
15.000	925.90	925.90	925.90	925.91	925.91
15.250	925.91	925.91	925.91	925.91	925.92
15.500	925.92	925.92	925.92	925.92	925.92
15.750	925.92	925.93	925.93	925.93	925.93
16.000	925.93	925.93	925.93	925.93	925.93
16.250	925.94	925.94	925.94	925.94	925.94
16.500	925.94	925.94	925.94	925.94	925.94
16.750	925.95	925.95	925.95	925.95	925.95
17.000	925.95	925.95	925.95	925.95	925.95
17.250	925.95	925.95	925.96	925.96	925.96
17.500	925.96	925.96	925.96	925.96	925.96
17.750	925.96	925.96	925.96	925.96	925.96
18.000	925.96	925.96	925.96	925.97	925.97
18.250	925.97	925.97	925.97	925.97	925.97
18.500	925.97	925.97	925.97	925.97	925.97
18.750	925.97	925.97	925.97	925.97	925.97
19.000	925.97	925.97	925.97	925.97	925.97
19.250	925.97	925.97	925.97	925.97	925.98
19.500	925.98	925.98	925.98	925.98	925.98
19.750	925.98	925.98	925.98	925.98	925.98
20.000	925.98	925.98	925.98	925.98	925.98
20.250	925.98	925.98	925.98	925.98	925.98
20.500	925.98	925.98	925.98	925.98	925.98
20.750	925.98	925.98	925.98	925.98	925.98
21.000	925.98	925.98	925.98	925.98	925.98
21.250	925.98	925.98	925.98	925.98	925.98

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	925.98	925.98	925.98	925.98	925.98
21.750	925.98	925.98	925.98	925.98	925.98
22.000	925.98	925.98	925.98	925.98	925.98
22.250	925.98	925.98	925.98	925.98	925.98
22.500	925.97	925.97	925.97	925.97	925.97
22.750	925.97	925.97	925.97	925.97	925.97
23.000	925.97	925.97	925.97	925.97	925.97
23.250	925.97	925.97	925.97	925.97	925.97
23.500	925.97	925.97	925.97	925.97	925.97
23.750	925.97	925.97	925.97	925.97	925.97
24.000	925.97	925.97	925.97	925.97	925.97
24.250	925.97	925.96	925.96	925.96	925.96
24.500	925.96	925.96	925.96	925.95	925.95
24.750	925.95	925.95	925.95	925.95	925.94
25.000	925.94	925.94	925.94	925.94	925.94
25.250	925.94	925.93	925.93	925.93	925.93
25.500	925.93	925.93	925.93	925.92	925.92
25.750	925.92	925.92	925.92	925.92	925.92
26.000	925.91	925.91	925.91	925.91	925.91
26.250	925.91	925.90	925.90	925.90	925.90
26.500	925.90	925.90	925.90	925.89	925.89
26.750	925.89	925.89	925.89	925.89	925.89
27.000	925.88	925.88	925.88	925.88	925.88
27.250	925.88	925.88	925.87	925.87	925.87
27.500	925.87	925.87	925.87	925.87	925.86
27.750	925.86	925.86	925.86	925.86	925.86
28.000	925.85	925.85	925.85	925.85	925.85
28.250	925.85	925.85	925.84	925.84	925.84
28.500	925.84	925.84	925.84	925.84	925.83
28.750	925.83	925.83	925.83	925.83	925.83
29.000	925.83	925.82	925.82	925.82	925.82
29.250	925.82	925.82	925.81	925.81	925.81
29.500	925.81	925.81	925.81	925.81	925.80
29.750	925.80	925.80	925.80	925.80	925.80
30.000	925.80	925.79	925.79	925.79	925.79
30.250	925.79	925.79	925.79	925.78	925.78
30.500	925.78	925.78	925.78	925.78	925.78
30.750	925.77	925.77	925.77	925.77	925.77
31.000	925.77	925.76	925.76	925.76	925.76
31.250	925.76	925.76	925.76	925.75	925.75
31.500	925.75	925.75	925.75	925.75	925.75
31.750	925.74	925.74	925.74	925.74	925.74
32.000	925.74	925.74	925.73	925.73	925.73

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	925.73	925.73	925.73	925.72	925.72
32.500	925.72	925.72	925.72	925.72	925.72
32.750	925.71	925.71	925.71	925.71	925.71
33.000	925.71	925.71	925.70	925.70	925.70
33.250	925.70	925.70	925.70	925.70	925.69
33.500	925.69	925.69	925.69	925.69	925.69
33.750	925.69	925.68	925.68	925.68	925.68
34.000	925.68	925.68	925.67	925.67	925.67
34.250	925.67	925.67	925.67	925.67	925.66
34.500	925.66	925.66	925.66	925.66	925.66
34.750	925.66	925.65	925.65	925.65	925.65
35.000	925.65	925.65	925.65	925.64	925.64
35.250	925.64	925.64	925.64	925.64	925.63
35.500	925.63	925.63	925.63	925.63	925.63
35.750	925.63	925.62	925.62	925.62	925.62
36.000	925.62	925.62	925.62	925.61	925.61
36.250	925.61	925.61	925.61	925.61	925.61
36.500	925.60	925.60	925.60	925.60	925.60
36.750	925.60	925.60	925.59	925.59	925.59
37.000	925.59	925.59	925.59	925.58	925.58
37.250	925.58	925.58	925.58	925.58	925.58
37.500	925.57	925.57	925.57	925.57	925.57
37.750	925.57	925.57	925.56	925.56	925.56
38.000	925.56	925.56	925.56	925.56	925.55
38.250	925.55	925.55	925.55	925.55	925.55
38.500	925.54	925.54	925.54	925.54	925.54
38.750	925.54	925.54	925.53	925.53	925.53
39.000	925.53	925.53	925.53	925.53	925.52
39.250	925.52	925.52	925.52	925.52	925.52
39.500	925.52	925.51	925.51	925.51	925.51
39.750	925.51	925.51	925.51	925.50	925.50
40.000	925.50	925.50	925.50	925.49	925.49
40.250	925.49	925.49	925.49	925.49	925.48
40.500	925.48	925.48	925.48	925.48	925.47
40.750	925.47	925.47	925.47	925.47	925.46
41.000	925.46	925.46	925.46	925.46	925.46
41.250	925.45	925.45	925.45	925.45	925.45
41.500	925.45	925.44	925.44	925.44	925.44
41.750	925.44	925.43	925.43	925.43	925.43
42.000	925.43	925.43	925.42	925.42	925.42
42.250	925.42	925.42	925.42	925.41	925.41
42.500	925.41	925.41	925.41	925.41	925.40
42.750	925.40	925.40	925.40	925.40	925.40

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	925.40	925.39	925.39	925.39	925.39
43.250	925.39	925.39	925.38	925.38	925.38
43.500	925.38	925.38	925.38	925.38	925.37
43.750	925.37	925.37	925.37	925.37	925.37
44.000	925.37	925.36	925.36	925.36	925.36
44.250	925.36	925.36	925.36	925.35	925.35
44.500	925.35	925.35	925.35	925.35	925.35
44.750	925.34	925.34	925.34	925.34	925.34
45.000	925.34	925.34	925.34	925.33	925.33
45.250	925.33	925.33	925.33	925.33	925.33
45.500	925.32	925.32	925.32	925.32	925.32
45.750	925.32	925.32	925.32	925.31	925.31
46.000	925.31	925.31	925.31	925.31	925.31
46.250	925.31	925.30	925.30	925.30	925.30
46.500	925.30	925.30	925.30	925.30	925.30
46.750	925.29	925.29	925.29	925.29	925.29
47.000	925.29	925.29	925.29	925.29	925.28
47.250	925.28	925.28	925.28	925.28	925.28
47.500	925.28	925.28	925.28	925.27	925.27
47.750	925.27	925.27	925.27	925.27	925.27
48.000	925.27	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.00	925.00	925.00
7.250	925.00	925.00	925.00	925.00	925.00
7.500	925.00	925.00	925.00	925.00	925.00
7.750	925.00	925.00	925.00	925.00	925.00
8.000	925.00	925.00	925.00	925.00	925.00
8.250	925.00	925.00	925.00	925.00	925.00
8.500	925.00	925.00	925.00	925.00	925.00
8.750	925.00	925.00	925.00	925.00	925.00
9.000	925.00	925.00	925.00	925.00	925.00
9.250	925.00	925.00	925.00	925.00	925.00
9.500	925.00	925.00	925.00	925.00	925.00
9.750	925.00	925.00	925.00	925.00	925.00
10.000	925.00	925.00	925.00	925.00	925.00
10.250	925.00	925.00	925.01	925.01	925.01
10.500	925.01	925.01	925.01	925.01	925.01

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.02	925.02	925.02	925.02	925.02
11.000	925.03	925.03	925.03	925.04	925.04
11.250	925.04	925.05	925.05	925.06	925.07
11.500	925.07	925.08	925.09	925.11	925.15
11.750	925.19	925.26	925.35	925.50	925.63
12.000	925.76	925.86	925.92	925.96	925.98
12.250	926.00	926.02	926.03	926.05	926.06
12.500	926.07	926.08	926.09	926.10	926.11
12.750	926.12	926.13	926.14	926.14	926.15
13.000	926.16	926.17	926.17	926.18	926.18
13.250	926.19	926.20	926.20	926.21	926.21
13.500	926.22	926.22	926.23	926.23	926.24
13.750	926.24	926.24	926.25	926.25	926.26
14.000	926.26	926.26	926.27	926.27	926.27
14.250	926.28	926.28	926.28	926.29	926.29
14.500	926.29	926.30	926.30	926.30	926.31
14.750	926.31	926.31	926.31	926.32	926.32
15.000	926.32	926.33	926.33	926.33	926.33
15.250	926.34	926.34	926.34	926.34	926.35
15.500	926.35	926.35	926.35	926.35	926.36
15.750	926.36	926.36	926.36	926.36	926.37
16.000	926.37	926.37	926.37	926.37	926.38
16.250	926.38	926.38	926.38	926.38	926.38
16.500	926.39	926.39	926.39	926.39	926.39
16.750	926.39	926.40	926.40	926.40	926.40
17.000	926.40	926.40	926.41	926.41	926.41
17.250	926.41	926.41	926.41	926.41	926.42
17.500	926.42	926.42	926.42	926.42	926.42
17.750	926.42	926.42	926.43	926.43	926.43
18.000	926.43	926.43	926.43	926.43	926.43
18.250	926.43	926.44	926.44	926.44	926.44
18.500	926.44	926.44	926.44	926.44	926.44
18.750	926.45	926.45	926.45	926.45	926.45
19.000	926.45	926.45	926.45	926.45	926.45
19.250	926.45	926.45	926.46	926.46	926.46
19.500	926.46	926.46	926.46	926.46	926.46
19.750	926.46	926.46	926.46	926.46	926.46
20.000	926.46	926.46	926.47	926.47	926.47
20.250	926.47	926.47	926.47	926.47	926.47
20.500	926.47	926.47	926.47	926.47	926.47
20.750	926.47	926.47	926.47	926.47	926.47
21.000	926.47	926.47	926.47	926.48	926.48
21.250	926.48	926.48	926.48	926.48	926.48

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	926.48	926.48	926.48	926.48	926.48
21.750	926.48	926.48	926.48	926.48	926.48
22.000	926.48	926.48	926.48	926.48	926.48
22.250	926.48	926.48	926.49	926.49	926.49
22.500	926.49	926.49	926.49	926.49	926.49
22.750	926.49	926.49	926.49	926.49	926.49
23.000	926.49	926.49	926.49	926.49	926.49
23.250	926.49	926.49	926.49	926.49	926.49
23.500	926.49	926.49	926.49	926.49	926.49
23.750	926.49	926.49	926.50	926.50	926.50
24.000	926.50	926.50	926.50	926.49	926.49
24.250	926.49	926.49	926.49	926.49	926.49
24.500	926.49	926.48	926.48	926.48	926.48
24.750	926.48	926.48	926.48	926.47	926.47
25.000	926.47	926.47	926.47	926.47	926.47
25.250	926.47	926.46	926.46	926.46	926.46
25.500	926.46	926.46	926.46	926.46	926.45
25.750	926.45	926.45	926.45	926.45	926.45
26.000	926.45	926.45	926.44	926.44	926.44
26.250	926.44	926.44	926.44	926.44	926.43
26.500	926.43	926.43	926.43	926.43	926.43
26.750	926.43	926.43	926.42	926.42	926.42
27.000	926.42	926.42	926.42	926.42	926.42
27.250	926.41	926.41	926.41	926.41	926.41
27.500	926.41	926.41	926.41	926.40	926.40
27.750	926.40	926.40	926.40	926.40	926.40
28.000	926.39	926.39	926.39	926.39	926.39
28.250	926.39	926.39	926.39	926.38	926.38
28.500	926.38	926.38	926.38	926.38	926.38
28.750	926.38	926.37	926.37	926.37	926.37
29.000	926.37	926.37	926.37	926.36	926.36
29.250	926.36	926.36	926.36	926.36	926.36
29.500	926.36	926.35	926.35	926.35	926.35
29.750	926.35	926.35	926.35	926.35	926.34
30.000	926.34	926.34	926.34	926.34	926.34
30.250	926.34	926.34	926.33	926.33	926.33
30.500	926.33	926.33	926.33	926.33	926.33
30.750	926.32	926.32	926.32	926.32	926.32
31.000	926.32	926.32	926.31	926.31	926.31
31.250	926.31	926.31	926.31	926.31	926.31
31.500	926.30	926.30	926.30	926.30	926.30
31.750	926.30	926.30	926.30	926.29	926.29
32.000	926.29	926.29	926.29	926.29	926.29

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	926.28	926.28	926.28	926.28	926.28
32.500	926.28	926.28	926.28	926.27	926.27
32.750	926.27	926.27	926.27	926.27	926.27
33.000	926.27	926.26	926.26	926.26	926.26
33.250	926.26	926.26	926.26	926.26	926.25
33.500	926.25	926.25	926.25	926.25	926.25
33.750	926.25	926.24	926.24	926.24	926.24
34.000	926.24	926.24	926.24	926.24	926.23
34.250	926.23	926.23	926.23	926.23	926.23
34.500	926.23	926.23	926.22	926.22	926.22
34.750	926.22	926.22	926.22	926.22	926.22
35.000	926.21	926.21	926.21	926.21	926.21
35.250	926.21	926.21	926.20	926.20	926.20
35.500	926.20	926.20	926.20	926.20	926.20
35.750	926.19	926.19	926.19	926.19	926.19
36.000	926.19	926.19	926.19	926.18	926.18
36.250	926.18	926.18	926.18	926.18	926.18
36.500	926.18	926.17	926.17	926.17	926.17
36.750	926.17	926.17	926.17	926.16	926.16
37.000	926.16	926.16	926.16	926.16	926.16
37.250	926.16	926.15	926.15	926.15	926.15
37.500	926.15	926.15	926.15	926.15	926.14
37.750	926.14	926.14	926.14	926.14	926.14
38.000	926.14	926.14	926.13	926.13	926.13
38.250	926.13	926.13	926.13	926.13	926.12
38.500	926.12	926.12	926.12	926.12	926.12
38.750	926.12	926.12	926.11	926.11	926.11
39.000	926.11	926.11	926.11	926.11	926.11
39.250	926.10	926.10	926.10	926.10	926.10
39.500	926.10	926.10	926.10	926.09	926.09
39.750	926.09	926.09	926.09	926.09	926.09
40.000	926.08	926.08	926.08	926.08	926.08
40.250	926.08	926.08	926.08	926.07	926.07
40.500	926.07	926.07	926.07	926.07	926.07
40.750	926.07	926.06	926.06	926.06	926.06
41.000	926.06	926.06	926.06	926.06	926.05
41.250	926.05	926.05	926.05	926.05	926.05
41.500	926.05	926.04	926.04	926.04	926.04
41.750	926.04	926.04	926.04	926.04	926.03
42.000	926.03	926.03	926.03	926.03	926.03
42.250	926.03	926.03	926.02	926.02	926.02
42.500	926.02	926.02	926.02	926.02	926.02
42.750	926.01	926.01	926.01	926.01	926.01

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	926.01	926.01	926.00	926.00	926.00
43.250	926.00	926.00	926.00	926.00	926.00
43.500	925.99	925.99	925.99	925.99	925.99
43.750	925.99	925.98	925.98	925.98	925.98
44.000	925.98	925.98	925.98	925.97	925.97
44.250	925.97	925.97	925.97	925.97	925.97
44.500	925.96	925.96	925.96	925.96	925.96
44.750	925.96	925.96	925.95	925.95	925.95
45.000	925.95	925.95	925.95	925.94	925.94
45.250	925.94	925.94	925.94	925.94	925.94
45.500	925.93	925.93	925.93	925.93	925.93
45.750	925.93	925.93	925.92	925.92	925.92
46.000	925.92	925.92	925.92	925.92	925.91
46.250	925.91	925.91	925.91	925.91	925.91
46.500	925.91	925.90	925.90	925.90	925.90
46.750	925.90	925.90	925.89	925.89	925.89
47.000	925.89	925.89	925.89	925.89	925.88
47.250	925.88	925.88	925.88	925.88	925.88
47.500	925.88	925.87	925.87	925.87	925.87
47.750	925.87	925.87	925.87	925.86	925.86
48.000	925.86	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.00	925.00	925.00
7.250	925.00	925.00	925.00	925.00	925.00
7.500	925.00	925.00	925.00	925.00	925.00
7.750	925.00	925.00	925.00	925.00	925.00
8.000	925.00	925.00	925.00	925.00	925.00
8.250	925.00	925.00	925.00	925.00	925.00
8.500	925.00	925.00	925.00	925.00	925.00
8.750	925.00	925.00	925.00	925.00	925.00
9.000	925.00	925.00	925.00	925.00	925.00
9.250	925.00	925.00	925.00	925.00	925.00
9.500	925.00	925.00	925.00	925.01	925.01
9.750	925.01	925.01	925.01	925.01	925.01
10.000	925.01	925.01	925.02	925.02	925.02
10.250	925.02	925.02	925.02	925.03	925.03
10.500	925.03	925.03	925.04	925.04	925.04

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.04	925.05	925.05	925.06	925.06
11.000	925.06	925.07	925.08	925.08	925.09
11.250	925.09	925.10	925.11	925.12	925.13
11.500	925.14	925.15	925.17	925.20	925.25
11.750	925.31	925.40	925.53	925.68	925.85
12.000	926.02	926.14	926.21	926.24	926.27
12.250	926.29	926.32	926.34	926.35	926.37
12.500	926.39	926.40	926.41	926.43	926.44
12.750	926.45	926.46	926.47	926.48	926.49
13.000	926.50	926.51	926.51	926.52	926.53
13.250	926.54	926.55	926.55	926.56	926.57
13.500	926.57	926.58	926.58	926.59	926.60
13.750	926.60	926.61	926.61	926.62	926.62
14.000	926.63	926.63	926.64	926.64	926.65
14.250	926.65	926.66	926.66	926.66	926.67
14.500	926.67	926.68	926.68	926.68	926.69
14.750	926.69	926.70	926.70	926.70	926.71
15.000	926.71	926.72	926.72	926.72	926.73
15.250	926.73	926.73	926.74	926.74	926.74
15.500	926.75	926.75	926.75	926.75	926.76
15.750	926.76	926.76	926.77	926.77	926.77
16.000	926.77	926.78	926.78	926.78	926.78
16.250	926.79	926.79	926.79	926.79	926.80
16.500	926.80	926.80	926.80	926.81	926.81
16.750	926.81	926.81	926.81	926.82	926.82
17.000	926.82	926.82	926.82	926.83	926.83
17.250	926.83	926.83	926.84	926.84	926.84
17.500	926.84	926.84	926.85	926.85	926.85
17.750	926.85	926.85	926.85	926.86	926.86
18.000	926.86	926.86	926.86	926.86	926.87
18.250	926.87	926.87	926.87	926.87	926.87
18.500	926.88	926.88	926.88	926.88	926.88
18.750	926.88	926.89	926.89	926.89	926.89
19.000	926.89	926.89	926.89	926.89	926.90
19.250	926.90	926.90	926.90	926.90	926.90
19.500	926.90	926.90	926.91	926.91	926.91
19.750	926.91	926.91	926.91	926.91	926.91
20.000	926.91	926.92	926.92	926.92	926.92
20.250	926.92	926.92	926.92	926.92	926.92
20.500	926.92	926.92	926.93	926.93	926.93
20.750	926.93	926.93	926.93	926.93	926.93
21.000	926.93	926.93	926.93	926.93	926.94
21.250	926.94	926.94	926.94	926.94	926.94

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	926.94	926.94	926.94	926.94	926.94
21.750	926.94	926.95	926.95	926.95	926.95
22.000	926.95	926.95	926.95	926.95	926.95
22.250	926.95	926.95	926.95	926.95	926.96
22.500	926.96	926.96	926.96	926.96	926.96
22.750	926.96	926.96	926.96	926.96	926.96
23.000	926.96	926.96	926.96	926.97	926.97
23.250	926.97	926.97	926.97	926.97	926.97
23.500	926.97	926.97	926.97	926.97	926.97
23.750	926.97	926.97	926.97	926.98	926.98
24.000	926.98	926.98	926.98	926.98	926.97
24.250	926.97	926.97	926.97	926.97	926.97
24.500	926.97	926.97	926.96	926.96	926.96
24.750	926.96	926.96	926.96	926.96	926.96
25.000	926.95	926.95	926.95	926.95	926.95
25.250	926.95	926.95	926.95	926.94	926.94
25.500	926.94	926.94	926.94	926.94	926.94
25.750	926.94	926.93	926.93	926.93	926.93
26.000	926.93	926.93	926.93	926.93	926.92
26.250	926.92	926.92	926.92	926.92	926.92
26.500	926.92	926.92	926.91	926.91	926.91
26.750	926.91	926.91	926.91	926.91	926.91
27.000	926.90	926.90	926.90	926.90	926.90
27.250	926.90	926.90	926.90	926.89	926.89
27.500	926.89	926.89	926.89	926.89	926.89
27.750	926.89	926.88	926.88	926.88	926.88
28.000	926.88	926.88	926.88	926.88	926.87
28.250	926.87	926.87	926.87	926.87	926.87
28.500	926.87	926.87	926.86	926.86	926.86
28.750	926.86	926.86	926.86	926.86	926.86
29.000	926.85	926.85	926.85	926.85	926.85
29.250	926.85	926.85	926.85	926.84	926.84
29.500	926.84	926.84	926.84	926.84	926.84
29.750	926.84	926.83	926.83	926.83	926.83
30.000	926.83	926.83	926.83	926.83	926.82
30.250	926.82	926.82	926.82	926.82	926.82
30.500	926.82	926.82	926.81	926.81	926.81
30.750	926.81	926.81	926.81	926.81	926.81
31.000	926.80	926.80	926.80	926.80	926.80
31.250	926.80	926.80	926.80	926.79	926.79
31.500	926.79	926.79	926.79	926.79	926.79
31.750	926.79	926.78	926.78	926.78	926.78
32.000	926.78	926.78	926.78	926.78	926.77

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	926.77	926.77	926.77	926.77	926.77
32.500	926.77	926.77	926.76	926.76	926.76
32.750	926.76	926.76	926.76	926.76	926.76
33.000	926.75	926.75	926.75	926.75	926.75
33.250	926.75	926.75	926.75	926.74	926.74
33.500	926.74	926.74	926.74	926.74	926.74
33.750	926.74	926.73	926.73	926.73	926.73
34.000	926.73	926.73	926.73	926.73	926.72
34.250	926.72	926.72	926.72	926.72	926.72
34.500	926.72	926.72	926.71	926.71	926.71
34.750	926.71	926.71	926.71	926.71	926.71
35.000	926.70	926.70	926.70	926.70	926.70
35.250	926.70	926.70	926.70	926.69	926.69
35.500	926.69	926.69	926.69	926.69	926.69
35.750	926.69	926.68	926.68	926.68	926.68
36.000	926.68	926.68	926.68	926.68	926.67
36.250	926.67	926.67	926.67	926.67	926.67
36.500	926.67	926.67	926.66	926.66	926.66
36.750	926.66	926.66	926.66	926.66	926.66
37.000	926.65	926.65	926.65	926.65	926.65
37.250	926.65	926.65	926.64	926.64	926.64
37.500	926.64	926.64	926.64	926.64	926.64
37.750	926.63	926.63	926.63	926.63	926.63
38.000	926.63	926.63	926.63	926.62	926.62
38.250	926.62	926.62	926.62	926.62	926.62
38.500	926.62	926.61	926.61	926.61	926.61
38.750	926.61	926.61	926.61	926.61	926.60
39.000	926.60	926.60	926.60	926.60	926.60
39.250	926.60	926.60	926.59	926.59	926.59
39.500	926.59	926.59	926.59	926.59	926.59
39.750	926.58	926.58	926.58	926.58	926.58
40.000	926.58	926.58	926.58	926.57	926.57
40.250	926.57	926.57	926.57	926.57	926.57
40.500	926.57	926.56	926.56	926.56	926.56
40.750	926.56	926.56	926.56	926.56	926.55
41.000	926.55	926.55	926.55	926.55	926.55
41.250	926.55	926.55	926.54	926.54	926.54
41.500	926.54	926.54	926.54	926.54	926.54
41.750	926.53	926.53	926.53	926.53	926.53
42.000	926.53	926.53	926.53	926.52	926.52
42.250	926.52	926.52	926.52	926.52	926.52
42.500	926.52	926.51	926.51	926.51	926.51
42.750	926.51	926.51	926.51	926.51	926.50

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	926.50	926.50	926.50	926.50	926.50
43.250	926.50	926.50	926.49	926.49	926.49
43.500	926.49	926.49	926.49	926.49	926.49
43.750	926.48	926.48	926.48	926.48	926.48
44.000	926.48	926.48	926.48	926.47	926.47
44.250	926.47	926.47	926.47	926.47	926.47
44.500	926.46	926.46	926.46	926.46	926.46
44.750	926.46	926.46	926.46	926.45	926.45
45.000	926.45	926.45	926.45	926.45	926.45
45.250	926.45	926.44	926.44	926.44	926.44
45.500	926.44	926.44	926.44	926.44	926.43
45.750	926.43	926.43	926.43	926.43	926.43
46.000	926.43	926.42	926.42	926.42	926.42
46.250	926.42	926.42	926.42	926.42	926.41
46.500	926.41	926.41	926.41	926.41	926.41
46.750	926.41	926.41	926.40	926.40	926.40
47.000	926.40	926.40	926.40	926.40	926.40
47.250	926.39	926.39	926.39	926.39	926.39
47.500	926.39	926.39	926.38	926.38	926.38
47.750	926.38	926.38	926.38	926.38	926.38
48.000	926.37	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.00	925.00	925.00
7.250	925.00	925.00	925.00	925.00	925.00
7.500	925.00	925.00	925.00	925.00	925.00
7.750	925.00	925.00	925.00	925.00	925.00
8.000	925.00	925.00	925.00	925.00	925.00
8.250	925.00	925.00	925.00	925.00	925.00
8.500	925.00	925.00	925.00	925.01	925.01
8.750	925.01	925.01	925.01	925.01	925.01
9.000	925.01	925.01	925.01	925.02	925.02
9.250	925.02	925.02	925.02	925.02	925.02
9.500	925.03	925.03	925.03	925.03	925.03
9.750	925.04	925.04	925.04	925.04	925.05
10.000	925.05	925.05	925.05	925.06	925.06
10.250	925.06	925.07	925.07	925.08	925.08
10.500	925.09	925.09	925.10	925.10	925.11

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.11	925.12	925.13	925.13	925.14
11.000	925.15	925.16	925.17	925.18	925.19
11.250	925.20	925.21	925.22	925.24	925.25
11.500	925.27	925.29	925.32	925.37	925.44
11.750	925.53	925.63	925.77	925.98	926.20
12.000	926.40	926.56	926.65	926.70	926.74
12.250	926.77	926.80	926.83	926.85	926.87
12.500	926.89	926.91	926.93	926.94	926.96
12.750	926.97	926.99	927.00	927.02	927.03
13.000	927.04	927.05	927.06	927.07	927.08
13.250	927.09	927.10	927.10	927.11	927.11
13.500	927.12	927.12	927.13	927.13	927.13
13.750	927.13	927.14	927.14	927.14	927.14
14.000	927.14	927.14	927.14	927.14	927.14
14.250	927.14	927.14	927.14	927.14	927.14
14.500	927.14	927.14	927.14	927.14	927.14
14.750	927.14	927.14	927.14	927.14	927.13
15.000	927.13	927.13	927.13	927.13	927.13
15.250	927.13	927.13	927.13	927.13	927.12
15.500	927.12	927.12	927.12	927.12	927.12
15.750	927.12	927.12	927.11	927.11	927.11
16.000	927.11	927.11	927.11	927.11	927.11
16.250	927.10	927.10	927.10	927.10	927.10
16.500	927.10	927.10	927.10	927.09	927.09
16.750	927.09	927.09	927.09	927.09	927.09
17.000	927.09	927.09	927.09	927.09	927.09
17.250	927.08	927.08	927.08	927.08	927.08
17.500	927.08	927.08	927.08	927.08	927.08
17.750	927.08	927.08	927.08	927.07	927.07
18.000	927.07	927.07	927.07	927.07	927.07
18.250	927.07	927.07	927.07	927.07	927.07
18.500	927.07	927.07	927.07	927.06	927.06
18.750	927.06	927.06	927.06	927.06	927.06
19.000	927.06	927.06	927.06	927.06	927.06
19.250	927.06	927.06	927.06	927.06	927.05
19.500	927.05	927.05	927.05	927.05	927.05
19.750	927.05	927.05	927.05	927.05	927.05
20.000	927.05	927.05	927.05	927.05	927.05
20.250	927.05	927.04	927.04	927.04	927.04
20.500	927.04	927.04	927.04	927.04	927.04
20.750	927.04	927.04	927.04	927.04	927.04
21.000	927.04	927.04	927.04	927.04	927.04
21.250	927.04	927.04	927.04	927.04	927.04

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	927.04	927.04	927.04	927.04	927.04
21.750	927.04	927.04	927.04	927.04	927.03
22.000	927.03	927.03	927.03	927.03	927.03
22.250	927.03	927.03	927.03	927.03	927.03
22.500	927.03	927.03	927.03	927.03	927.03
22.750	927.03	927.03	927.03	927.03	927.03
23.000	927.03	927.03	927.03	927.03	927.03
23.250	927.03	927.03	927.03	927.03	927.03
23.500	927.03	927.03	927.03	927.03	927.03
23.750	927.03	927.03	927.03	927.03	927.03
24.000	927.03	927.03	927.03	927.02	927.02
24.250	927.02	927.02	927.01	927.01	927.01
24.500	927.01	927.01	927.00	927.00	927.00
24.750	927.00	927.00	927.00	927.00	926.99
25.000	926.99	926.99	926.99	926.99	926.99
25.250	926.99	926.99	926.98	926.98	926.98
25.500	926.98	926.98	926.98	926.98	926.98
25.750	926.97	926.97	926.97	926.97	926.97
26.000	926.97	926.97	926.97	926.96	926.96
26.250	926.96	926.96	926.96	926.96	926.96
26.500	926.96	926.95	926.95	926.95	926.95
26.750	926.95	926.95	926.95	926.95	926.94
27.000	926.94	926.94	926.94	926.94	926.94
27.250	926.94	926.94	926.93	926.93	926.93
27.500	926.93	926.93	926.93	926.93	926.93
27.750	926.92	926.92	926.92	926.92	926.92
28.000	926.92	926.92	926.92	926.91	926.91
28.250	926.91	926.91	926.91	926.91	926.91
28.500	926.91	926.90	926.90	926.90	926.90
28.750	926.90	926.90	926.90	926.90	926.89
29.000	926.89	926.89	926.89	926.89	926.89
29.250	926.89	926.89	926.88	926.88	926.88
29.500	926.88	926.88	926.88	926.88	926.88
29.750	926.87	926.87	926.87	926.87	926.87
30.000	926.87	926.87	926.87	926.86	926.86
30.250	926.86	926.86	926.86	926.86	926.86
30.500	926.86	926.85	926.85	926.85	926.85
30.750	926.85	926.85	926.85	926.85	926.84
31.000	926.84	926.84	926.84	926.84	926.84
31.250	926.84	926.84	926.83	926.83	926.83
31.500	926.83	926.83	926.83	926.83	926.83
31.750	926.82	926.82	926.82	926.82	926.82
32.000	926.82	926.82	926.82	926.81	926.81

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	926.81	926.81	926.81	926.81	926.81
32.500	926.81	926.80	926.80	926.80	926.80
32.750	926.80	926.80	926.80	926.80	926.79
33.000	926.79	926.79	926.79	926.79	926.79
33.250	926.79	926.79	926.78	926.78	926.78
33.500	926.78	926.78	926.78	926.78	926.78
33.750	926.77	926.77	926.77	926.77	926.77
34.000	926.77	926.77	926.77	926.76	926.76
34.250	926.76	926.76	926.76	926.76	926.76
34.500	926.76	926.75	926.75	926.75	926.75
34.750	926.75	926.75	926.75	926.75	926.74
35.000	926.74	926.74	926.74	926.74	926.74
35.250	926.74	926.74	926.73	926.73	926.73
35.500	926.73	926.73	926.73	926.73	926.73
35.750	926.72	926.72	926.72	926.72	926.72
36.000	926.72	926.72	926.72	926.71	926.71
36.250	926.71	926.71	926.71	926.71	926.71
36.500	926.71	926.70	926.70	926.70	926.70
36.750	926.70	926.70	926.70	926.70	926.69
37.000	926.69	926.69	926.69	926.69	926.69
37.250	926.69	926.69	926.68	926.68	926.68
37.500	926.68	926.68	926.68	926.68	926.68
37.750	926.67	926.67	926.67	926.67	926.67
38.000	926.67	926.67	926.67	926.66	926.66
38.250	926.66	926.66	926.66	926.66	926.66
38.500	926.66	926.65	926.65	926.65	926.65
38.750	926.65	926.65	926.65	926.65	926.64
39.000	926.64	926.64	926.64	926.64	926.64
39.250	926.64	926.64	926.63	926.63	926.63
39.500	926.63	926.63	926.63	926.63	926.63
39.750	926.62	926.62	926.62	926.62	926.62
40.000	926.62	926.62	926.62	926.61	926.61
40.250	926.61	926.61	926.61	926.61	926.61
40.500	926.61	926.60	926.60	926.60	926.60
40.750	926.60	926.60	926.60	926.60	926.59
41.000	926.59	926.59	926.59	926.59	926.59
41.250	926.59	926.59	926.58	926.58	926.58
41.500	926.58	926.58	926.58	926.58	926.58
41.750	926.57	926.57	926.57	926.57	926.57
42.000	926.57	926.57	926.57	926.56	926.56
42.250	926.56	926.56	926.56	926.56	926.56
42.500	926.56	926.55	926.55	926.55	926.55
42.750	926.55	926.55	926.55	926.55	926.54

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	926.54	926.54	926.54	926.54	926.54
43.250	926.54	926.54	926.53	926.53	926.53
43.500	926.53	926.53	926.53	926.53	926.53
43.750	926.52	926.52	926.52	926.52	926.52
44.000	926.52	926.52	926.52	926.51	926.51
44.250	926.51	926.51	926.51	926.51	926.51
44.500	926.51	926.50	926.50	926.50	926.50
44.750	926.50	926.50	926.50	926.49	926.49
45.000	926.49	926.49	926.49	926.49	926.49
45.250	926.49	926.48	926.48	926.48	926.48
45.500	926.48	926.48	926.48	926.48	926.47
45.750	926.47	926.47	926.47	926.47	926.47
46.000	926.47	926.47	926.46	926.46	926.46
46.250	926.46	926.46	926.46	926.46	926.45
46.500	926.45	926.45	926.45	926.45	926.45
46.750	926.45	926.45	926.44	926.44	926.44
47.000	926.44	926.44	926.44	926.44	926.44
47.250	926.43	926.43	926.43	926.43	926.43
47.500	926.43	926.43	926.43	926.42	926.42
47.750	926.42	926.42	926.42	926.42	926.42
48.000	926.41	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.00	925.00	925.00
7.250	925.00	925.00	925.00	925.00	925.00
7.500	925.00	925.00	925.00	925.00	925.00
7.750	925.00	925.00	925.00	925.01	925.01
8.000	925.01	925.01	925.01	925.01	925.01
8.250	925.01	925.01	925.01	925.01	925.02
8.500	925.02	925.02	925.02	925.02	925.02
8.750	925.03	925.03	925.03	925.03	925.03
9.000	925.04	925.04	925.04	925.04	925.05
9.250	925.05	925.05	925.05	925.06	925.06
9.500	925.06	925.07	925.07	925.07	925.08
9.750	925.08	925.08	925.09	925.09	925.09
10.000	925.10	925.10	925.11	925.11	925.12
10.250	925.12	925.13	925.14	925.14	925.15
10.500	925.15	925.16	925.17	925.18	925.19

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.19	925.20	925.21	925.22	925.23
11.000	925.25	925.26	925.27	925.28	925.30
11.250	925.31	925.33	925.35	925.37	925.39
11.500	925.41	925.44	925.48	925.53	925.60
11.750	925.70	925.84	926.02	926.26	926.53
12.000	926.77	926.96	927.09	927.16	927.20
12.250	927.23	927.26	927.29	927.31	927.32
12.500	927.34	927.35	927.35	927.36	927.36
12.750	927.36	927.37	927.37	927.37	927.37
13.000	927.36	927.36	927.36	927.36	927.35
13.250	927.35	927.35	927.34	927.34	927.34
13.500	927.33	927.33	927.32	927.32	927.31
13.750	927.31	927.30	927.30	927.29	927.29
14.000	927.29	927.28	927.28	927.27	927.27
14.250	927.26	927.26	927.25	927.25	927.24
14.500	927.24	927.24	927.23	927.23	927.23
14.750	927.22	927.22	927.22	927.21	927.21
15.000	927.21	927.20	927.20	927.20	927.19
15.250	927.19	927.19	927.19	927.18	927.18
15.500	927.18	927.18	927.17	927.17	927.17
15.750	927.17	927.16	927.16	927.16	927.16
16.000	927.15	927.15	927.15	927.15	927.14
16.250	927.14	927.14	927.14	927.14	927.13
16.500	927.13	927.13	927.13	927.13	927.13
16.750	927.13	927.12	927.12	927.12	927.12
17.000	927.12	927.12	927.12	927.11	927.11
17.250	927.11	927.11	927.11	927.11	927.11
17.500	927.11	927.11	927.10	927.10	927.10
17.750	927.10	927.10	927.10	927.10	927.10
18.000	927.10	927.10	927.09	927.09	927.09
18.250	927.09	927.09	927.09	927.09	927.09
18.500	927.09	927.09	927.09	927.09	927.08
18.750	927.08	927.08	927.08	927.08	927.08
19.000	927.08	927.08	927.08	927.08	927.08
19.250	927.08	927.07	927.07	927.07	927.07
19.500	927.07	927.07	927.07	927.07	927.07
19.750	927.07	927.07	927.07	927.07	927.07
20.000	927.06	927.06	927.06	927.06	927.06
20.250	927.06	927.06	927.06	927.06	927.06
20.500	927.06	927.06	927.06	927.06	927.06
20.750	927.06	927.06	927.05	927.05	927.05
21.000	927.05	927.05	927.05	927.05	927.05
21.250	927.05	927.05	927.05	927.05	927.05

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	927.05	927.05	927.05	927.05	927.05
21.750	927.05	927.05	927.05	927.05	927.05
22.000	927.05	927.05	927.05	927.05	927.05
22.250	927.05	927.05	927.05	927.05	927.05
22.500	927.05	927.05	927.05	927.05	927.05
22.750	927.04	927.04	927.04	927.04	927.04
23.000	927.04	927.04	927.04	927.04	927.04
23.250	927.04	927.04	927.04	927.04	927.04
23.500	927.04	927.04	927.04	927.04	927.04
23.750	927.04	927.04	927.04	927.04	927.04
24.000	927.04	927.04	927.04	927.03	927.03
24.250	927.03	927.03	927.02	927.02	927.02
24.500	927.02	927.01	927.01	927.01	927.01
24.750	927.01	927.00	927.00	927.00	927.00
25.000	927.00	927.00	927.00	926.99	926.99
25.250	926.99	926.99	926.99	926.99	926.99
25.500	926.99	926.98	926.98	926.98	926.98
25.750	926.98	926.98	926.98	926.98	926.97
26.000	926.97	926.97	926.97	926.97	926.97
26.250	926.97	926.97	926.96	926.96	926.96
26.500	926.96	926.96	926.96	926.96	926.96
26.750	926.95	926.95	926.95	926.95	926.95
27.000	926.95	926.95	926.95	926.94	926.94
27.250	926.94	926.94	926.94	926.94	926.94
27.500	926.94	926.93	926.93	926.93	926.93
27.750	926.93	926.93	926.93	926.93	926.92
28.000	926.92	926.92	926.92	926.92	926.92
28.250	926.92	926.92	926.91	926.91	926.91
28.500	926.91	926.91	926.91	926.91	926.91
28.750	926.90	926.90	926.90	926.90	926.90
29.000	926.90	926.90	926.90	926.89	926.89
29.250	926.89	926.89	926.89	926.89	926.89
29.500	926.89	926.88	926.88	926.88	926.88
29.750	926.88	926.88	926.88	926.88	926.87
30.000	926.87	926.87	926.87	926.87	926.87
30.250	926.87	926.87	926.86	926.86	926.86
30.500	926.86	926.86	926.86	926.86	926.86
30.750	926.85	926.85	926.85	926.85	926.85
31.000	926.85	926.85	926.85	926.84	926.84
31.250	926.84	926.84	926.84	926.84	926.84
31.500	926.84	926.83	926.83	926.83	926.83
31.750	926.83	926.83	926.83	926.83	926.82
32.000	926.82	926.82	926.82	926.82	926.82

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	926.82	926.82	926.81	926.81	926.81
32.500	926.81	926.81	926.81	926.81	926.81
32.750	926.80	926.80	926.80	926.80	926.80
33.000	926.80	926.80	926.80	926.79	926.79
33.250	926.79	926.79	926.79	926.79	926.79
33.500	926.79	926.78	926.78	926.78	926.78
33.750	926.78	926.78	926.78	926.78	926.77
34.000	926.77	926.77	926.77	926.77	926.77
34.250	926.77	926.77	926.76	926.76	926.76
34.500	926.76	926.76	926.76	926.76	926.76
34.750	926.75	926.75	926.75	926.75	926.75
35.000	926.75	926.75	926.75	926.74	926.74
35.250	926.74	926.74	926.74	926.74	926.74
35.500	926.74	926.73	926.73	926.73	926.73
35.750	926.73	926.73	926.73	926.73	926.72
36.000	926.72	926.72	926.72	926.72	926.72
36.250	926.72	926.72	926.71	926.71	926.71
36.500	926.71	926.71	926.71	926.71	926.71
36.750	926.70	926.70	926.70	926.70	926.70
37.000	926.70	926.70	926.70	926.69	926.69
37.250	926.69	926.69	926.69	926.69	926.69
37.500	926.68	926.68	926.68	926.68	926.68
37.750	926.68	926.68	926.68	926.67	926.67
38.000	926.67	926.67	926.67	926.67	926.67
38.250	926.67	926.66	926.66	926.66	926.66
38.500	926.66	926.66	926.66	926.66	926.65
38.750	926.65	926.65	926.65	926.65	926.65
39.000	926.65	926.65	926.64	926.64	926.64
39.250	926.64	926.64	926.64	926.64	926.64
39.500	926.63	926.63	926.63	926.63	926.63
39.750	926.63	926.63	926.63	926.62	926.62
40.000	926.62	926.62	926.62	926.62	926.62
40.250	926.62	926.61	926.61	926.61	926.61
40.500	926.61	926.61	926.61	926.61	926.60
40.750	926.60	926.60	926.60	926.60	926.60
41.000	926.60	926.60	926.59	926.59	926.59
41.250	926.59	926.59	926.59	926.59	926.59
41.500	926.58	926.58	926.58	926.58	926.58
41.750	926.58	926.58	926.58	926.57	926.57
42.000	926.57	926.57	926.57	926.57	926.57
42.250	926.57	926.56	926.56	926.56	926.56
42.500	926.56	926.56	926.56	926.56	926.55
42.750	926.55	926.55	926.55	926.55	926.55

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	926.55	926.55	926.54	926.54	926.54
43.250	926.54	926.54	926.54	926.54	926.54
43.500	926.53	926.53	926.53	926.53	926.53
43.750	926.53	926.53	926.53	926.52	926.52
44.000	926.52	926.52	926.52	926.52	926.52
44.250	926.52	926.51	926.51	926.51	926.51
44.500	926.51	926.51	926.51	926.51	926.50
44.750	926.50	926.50	926.50	926.50	926.50
45.000	926.50	926.50	926.49	926.49	926.49
45.250	926.49	926.49	926.49	926.49	926.49
45.500	926.48	926.48	926.48	926.48	926.48
45.750	926.48	926.48	926.48	926.47	926.47
46.000	926.47	926.47	926.47	926.47	926.47
46.250	926.46	926.46	926.46	926.46	926.46
46.500	926.46	926.46	926.46	926.45	926.45
46.750	926.45	926.45	926.45	926.45	926.45
47.000	926.45	926.44	926.44	926.44	926.44
47.250	926.44	926.44	926.44	926.44	926.43
47.500	926.43	926.43	926.43	926.43	926.43
47.750	926.43	926.42	926.42	926.42	926.42
48.000	926.42	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	925.00	925.00	925.00	925.00	925.00
0.250	925.00	925.00	925.00	925.00	925.00
0.500	925.00	925.00	925.00	925.00	925.00
0.750	925.00	925.00	925.00	925.00	925.00
1.000	925.00	925.00	925.00	925.00	925.00
1.250	925.00	925.00	925.00	925.00	925.00
1.500	925.00	925.00	925.00	925.00	925.00
1.750	925.00	925.00	925.00	925.00	925.00
2.000	925.00	925.00	925.00	925.00	925.00
2.250	925.00	925.00	925.00	925.00	925.00
2.500	925.00	925.00	925.00	925.00	925.00
2.750	925.00	925.00	925.00	925.00	925.00
3.000	925.00	925.00	925.00	925.00	925.00
3.250	925.00	925.00	925.00	925.00	925.00
3.500	925.00	925.00	925.00	925.00	925.00
3.750	925.00	925.00	925.00	925.00	925.00
4.000	925.00	925.00	925.00	925.00	925.00
4.250	925.00	925.00	925.00	925.00	925.00
4.500	925.00	925.00	925.00	925.00	925.00
4.750	925.00	925.00	925.00	925.00	925.00
5.000	925.00	925.00	925.00	925.00	925.00
5.250	925.00	925.00	925.00	925.00	925.00
5.500	925.00	925.00	925.00	925.00	925.00
5.750	925.00	925.00	925.00	925.00	925.00
6.000	925.00	925.00	925.00	925.00	925.00
6.250	925.00	925.00	925.00	925.00	925.00
6.500	925.00	925.00	925.00	925.00	925.00
6.750	925.00	925.00	925.00	925.00	925.00
7.000	925.00	925.00	925.01	925.01	925.01
7.250	925.01	925.01	925.01	925.01	925.01
7.500	925.01	925.01	925.01	925.02	925.02
7.750	925.02	925.02	925.02	925.02	925.02
8.000	925.03	925.03	925.03	925.03	925.03
8.250	925.04	925.04	925.04	925.04	925.04
8.500	925.05	925.05	925.05	925.05	925.06
8.750	925.06	925.06	925.07	925.07	925.07
9.000	925.08	925.08	925.09	925.09	925.09
9.250	925.10	925.10	925.11	925.11	925.11
9.500	925.12	925.12	925.13	925.13	925.14
9.750	925.14	925.15	925.15	925.16	925.17
10.000	925.17	925.18	925.19	925.19	925.20
10.250	925.21	925.22	925.23	925.23	925.24
10.500	925.25	925.26	925.27	925.28	925.30

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.750	925.31	925.32	925.33	925.35	925.36
11.000	925.38	925.39	925.41	925.43	925.45
11.250	925.47	925.49	925.51	925.53	925.55
11.500	925.58	925.61	925.65	925.71	925.80
11.750	925.93	926.09	926.30	926.59	926.92
12.000	927.25	927.52	927.70	927.77	927.80
12.250	927.83	927.85	927.86	927.87	927.87
12.500	927.87	927.86	927.85	927.84	927.83
12.750	927.81	927.80	927.78	927.77	927.75
13.000	927.73	927.72	927.70	927.68	927.67
13.250	927.65	927.63	927.61	927.60	927.58
13.500	927.57	927.55	927.53	927.52	927.50
13.750	927.49	927.48	927.47	927.46	927.45
14.000	927.43	927.42	927.41	927.40	927.40
14.250	927.39	927.38	927.37	927.36	927.35
14.500	927.35	927.34	927.33	927.33	927.32
14.750	927.31	927.31	927.30	927.30	927.29
15.000	927.28	927.28	927.27	927.27	927.26
15.250	927.26	927.26	927.25	927.25	927.24
15.500	927.24	927.23	927.23	927.23	927.22
15.750	927.22	927.22	927.21	927.21	927.20
16.000	927.20	927.20	927.19	927.19	927.19
16.250	927.19	927.18	927.18	927.18	927.17
16.500	927.17	927.17	927.17	927.17	927.16
16.750	927.16	927.16	927.16	927.16	927.15
17.000	927.15	927.15	927.15	927.15	927.14
17.250	927.14	927.14	927.14	927.14	927.14
17.500	927.14	927.13	927.13	927.13	927.13
17.750	927.13	927.13	927.13	927.13	927.12
18.000	927.12	927.12	927.12	927.12	927.12
18.250	927.12	927.12	927.11	927.11	927.11
18.500	927.11	927.11	927.11	927.11	927.11
18.750	927.11	927.11	927.10	927.10	927.10
19.000	927.10	927.10	927.10	927.10	927.10
19.250	927.10	927.10	927.09	927.09	927.09
19.500	927.09	927.09	927.09	927.09	927.09
19.750	927.09	927.09	927.09	927.08	927.08
20.000	927.08	927.08	927.08	927.08	927.08
20.250	927.08	927.08	927.08	927.08	927.08
20.500	927.08	927.07	927.07	927.07	927.07
20.750	927.07	927.07	927.07	927.07	927.07
21.000	927.07	927.07	927.07	927.07	927.07
21.250	927.07	927.07	927.07	927.07	927.07

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
21.500	927.07	927.07	927.07	927.06	927.06
21.750	927.06	927.06	927.06	927.06	927.06
22.000	927.06	927.06	927.06	927.06	927.06
22.250	927.06	927.06	927.06	927.06	927.06
22.500	927.06	927.06	927.06	927.06	927.06
22.750	927.06	927.06	927.06	927.06	927.06
23.000	927.06	927.06	927.06	927.06	927.06
23.250	927.06	927.06	927.06	927.06	927.06
23.500	927.06	927.06	927.06	927.06	927.06
23.750	927.06	927.06	927.06	927.05	927.05
24.000	927.05	927.05	927.05	927.05	927.04
24.250	927.04	927.04	927.03	927.03	927.03
24.500	927.02	927.02	927.02	927.02	927.01
24.750	927.01	927.01	927.01	927.01	927.00
25.000	927.00	927.00	927.00	927.00	927.00
25.250	927.00	926.99	926.99	926.99	926.99
25.500	926.99	926.99	926.99	926.99	926.98
25.750	926.98	926.98	926.98	926.98	926.98
26.000	926.98	926.98	926.97	926.97	926.97
26.250	926.97	926.97	926.97	926.97	926.97
26.500	926.96	926.96	926.96	926.96	926.96
26.750	926.96	926.96	926.96	926.95	926.95
27.000	926.95	926.95	926.95	926.95	926.95
27.250	926.95	926.94	926.94	926.94	926.94
27.500	926.94	926.94	926.94	926.94	926.93
27.750	926.93	926.93	926.93	926.93	926.93
28.000	926.93	926.93	926.92	926.92	926.92
28.250	926.92	926.92	926.92	926.92	926.92
28.500	926.91	926.91	926.91	926.91	926.91
28.750	926.91	926.91	926.91	926.90	926.90
29.000	926.90	926.90	926.90	926.90	926.90
29.250	926.90	926.89	926.89	926.89	926.89
29.500	926.89	926.89	926.89	926.89	926.88
29.750	926.88	926.88	926.88	926.88	926.88
30.000	926.88	926.88	926.87	926.87	926.87
30.250	926.87	926.87	926.87	926.87	926.87
30.500	926.86	926.86	926.86	926.86	926.86
30.750	926.86	926.86	926.86	926.85	926.85
31.000	926.85	926.85	926.85	926.85	926.85
31.250	926.85	926.84	926.84	926.84	926.84
31.500	926.84	926.84	926.84	926.84	926.83
31.750	926.83	926.83	926.83	926.83	926.83
32.000	926.83	926.83	926.82	926.82	926.82

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
32.250	926.82	926.82	926.82	926.82	926.82
32.500	926.81	926.81	926.81	926.81	926.81
32.750	926.81	926.81	926.81	926.80	926.80
33.000	926.80	926.80	926.80	926.80	926.80
33.250	926.80	926.79	926.79	926.79	926.79
33.500	926.79	926.79	926.79	926.79	926.78
33.750	926.78	926.78	926.78	926.78	926.78
34.000	926.78	926.78	926.77	926.77	926.77
34.250	926.77	926.77	926.77	926.77	926.77
34.500	926.76	926.76	926.76	926.76	926.76
34.750	926.76	926.76	926.76	926.75	926.75
35.000	926.75	926.75	926.75	926.75	926.75
35.250	926.75	926.74	926.74	926.74	926.74
35.500	926.74	926.74	926.74	926.74	926.73
35.750	926.73	926.73	926.73	926.73	926.73
36.000	926.73	926.73	926.72	926.72	926.72
36.250	926.72	926.72	926.72	926.72	926.72
36.500	926.71	926.71	926.71	926.71	926.71
36.750	926.71	926.71	926.71	926.70	926.70
37.000	926.70	926.70	926.70	926.70	926.70
37.250	926.70	926.69	926.69	926.69	926.69
37.500	926.69	926.69	926.69	926.69	926.68
37.750	926.68	926.68	926.68	926.68	926.68
38.000	926.68	926.68	926.67	926.67	926.67
38.250	926.67	926.67	926.67	926.67	926.67
38.500	926.66	926.66	926.66	926.66	926.66
38.750	926.66	926.66	926.66	926.65	926.65
39.000	926.65	926.65	926.65	926.65	926.65
39.250	926.65	926.64	926.64	926.64	926.64
39.500	926.64	926.64	926.64	926.64	926.63
39.750	926.63	926.63	926.63	926.63	926.63
40.000	926.63	926.63	926.62	926.62	926.62
40.250	926.62	926.62	926.62	926.62	926.62
40.500	926.61	926.61	926.61	926.61	926.61
40.750	926.61	926.61	926.61	926.60	926.60
41.000	926.60	926.60	926.60	926.60	926.60
41.250	926.60	926.59	926.59	926.59	926.59
41.500	926.59	926.59	926.59	926.59	926.58
41.750	926.58	926.58	926.58	926.58	926.58
42.000	926.58	926.58	926.57	926.57	926.57
42.250	926.57	926.57	926.57	926.57	926.57
42.500	926.56	926.56	926.56	926.56	926.56
42.750	926.56	926.56	926.56	926.55	926.55

Subsection: Time vs. Elevation
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
43.000	926.55	926.55	926.55	926.55	926.55
43.250	926.55	926.54	926.54	926.54	926.54
43.500	926.54	926.54	926.54	926.54	926.53
43.750	926.53	926.53	926.53	926.53	926.53
44.000	926.53	926.53	926.52	926.52	926.52
44.250	926.52	926.52	926.52	926.52	926.52
44.500	926.51	926.51	926.51	926.51	926.51
44.750	926.51	926.51	926.51	926.50	926.50
45.000	926.50	926.50	926.50	926.50	926.50
45.250	926.50	926.49	926.49	926.49	926.49
45.500	926.49	926.49	926.49	926.48	926.48
45.750	926.48	926.48	926.48	926.48	926.48
46.000	926.48	926.47	926.47	926.47	926.47
46.250	926.47	926.47	926.47	926.47	926.46
46.500	926.46	926.46	926.46	926.46	926.46
46.750	926.46	926.46	926.45	926.45	926.45
47.000	926.45	926.45	926.45	926.45	926.44
47.250	926.44	926.44	926.44	926.44	926.44
47.500	926.44	926.44	926.43	926.43	926.43
47.750	926.43	926.43	926.43	926.43	926.43
48.000	926.42	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Outlet Input Data
 Label: Composite Outlet Structure - 1

Return Event: 2 years
 Storm Event: 2-year

Requested Pond Water Surface Elevations	
Minimum (Headwater)	925.00 ft
Increment (Headwater)	0.50 ft
Maximum (Headwater)	929.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Rectangular Weir	Weir - 1	Forward	Culvert - 1	928.40	929.00
Stand Pipe	Riser - 1	Forward	Culvert - 1	929.00	929.00
Orifice-Circular	Orifice - 1	Forward	Culvert - 1	927.00	929.00
Culvert-Circular	Culvert - 1	Forward	TW	925.00	929.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

Subsection: Outlet Input Data
 Label: Composite Outlet Structure - 1

Return Event: 2 years
 Storm Event: 2-year

Structure ID: Culvert - 1	
Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	12.0 in
Length	80.00 ft
Length (Computed Barrel)	80.01 ft
Slope (Computed)	0.013 ft/ft
Outlet Control Data	
Manning's n	0.013
Ke	0.000
Kb	0.031
Kr	0.000
Convergence Tolerance	0.00 ft
Inlet Control Data	
Equation Form	Form 2
K	0.5340
M	0.5550
C	0.0196
Y	0.9000
T1 ratio (HW/D)	1.070
T2 ratio (HW/D)	1.207
Slope Correction Factor	-0.500

Use unsubmerged inlet control 1 equation below T1 elevation.

Use submerged inlet control 1 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control, interpolate between flows at T1 & T2...

T1 Elevation	926.07 ft	T1 Flow	2.75 ft ³ /s
T2 Elevation	926.21 ft	T2 Flow	3.14 ft ³ /s

Subsection: Outlet Input Data
 Label: Composite Outlet Structure - 1

Return Event: 2 years
 Storm Event: 2-year

Structure ID: Orifice - 1	
Structure Type: Orifice-Circular	
Number of Openings	1
Elevation	927.00 ft
Orifice Diameter	5.0 in
Orifice Coefficient	0.600

Structure ID: Riser - 1	
Structure Type: Stand Pipe	
Number of Openings	1
Elevation	929.00 ft
Diameter	30.0 in
Orifice Area	4.9 ft ²
Orifice Coefficient	0.600
Weir Length	7.85 ft
Weir Coefficient	3.00 (ft ^{0.5})/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Weir - 1	
Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	928.40 ft
Weir Length	2.50 ft
Weir Coefficient	3.00 (ft ^{0.5})/s

Structure ID: TW	
Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft ³ /s
Flow Tolerance (Maximum)	10.000 ft ³ /s

Subsection: Outlet Input Data
Label: Composite Outlet Structure - 1

Return Event: 2 years
Storm Event: 2-year

Convergence Tolerances

Subsection: Elevation-Volume-Flow Table (Pond)
 Label: BMP

Return Event: 2 years
 Storm Event: 2-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft ³ /s)	Storage (ac-ft)	Area (acres)	Infiltration (ft ³ /s)	Flow (Total) (ft ³ /s)	2S/t + O (ft ³ /s)
925.00	0.00	0.000	0.000	0.00	0.00	0.00
925.50	0.00	0.021	0.000	0.02	0.02	10.18
926.00	0.00	0.049	0.000	0.02	0.02	23.74
926.50	0.00	0.081	0.000	0.02	0.02	39.22
927.00	0.00	0.114	0.000	0.02	0.02	55.20
927.50	0.35	0.142	0.000	0.02	0.37	69.10
928.00	0.58	0.163	0.000	0.02	0.60	79.50
928.40	0.72	0.180	0.000	0.02	0.74	87.76
928.50	0.98	0.184	0.000	0.02	1.00	90.06
929.00	4.20	0.204	0.000	0.02	4.22	102.95

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 2 years
 Storm Event: 2-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.21 ft ³ /s	Time to Peak (Flow, In)	11.950 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	12.000 hours
Flow (Peak Outlet)	0.00 ft ³ /s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	925.98 ft
Volume (Peak)	0.048 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.068 ac-ft
Volume (Total Infiltration)	0.056 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.011 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 5 years
 Storm Event: 5-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.83 ft ³ /s	Time to Peak (Flow, In)	11.950 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	11.900 hours
Flow (Peak Outlet)	0.00 ft ³ /s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	926.50 ft
Volume (Peak)	0.081 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.101 ac-ft
Volume (Total Infiltration)	0.060 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.041 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 10 years
 Storm Event: 10-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	2.41 ft ³ /s	Time to Peak (Flow, In)	11.950 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	11.850 hours
Flow (Peak Outlet)	0.00 ft ³ /s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	926.98 ft
Volume (Peak)	0.112 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.133 ac-ft
Volume (Total Infiltration)	0.060 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.073 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 25 years
 Storm Event: 25-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	3.35 ft ³ /s	Time to Peak (Flow, In)	11.900 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	11.750 hours
Flow (Peak Outlet)	0.10 ft ³ /s	Time to Peak (Flow, Outlet)	14.200 hours

Elevation (Water Surface, Peak)	927.14 ft
Volume (Peak)	0.122 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.185 ac-ft
Volume (Total Infiltration)	0.061 ac-ft
Volume (Total Outlet Outflow)	0.049 ac-ft
Volume (Retained)	0.075 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 50 years
 Storm Event: 50-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	4.25 ft ³ /s	Time to Peak (Flow, In)	11.900 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	11.650 hours
Flow (Peak Outlet)	0.26 ft ³ /s	Time to Peak (Flow, Outlet)	12.900 hours

Elevation (Water Surface, Peak)	927.37 ft
Volume (Peak)	0.135 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.234 ac-ft
Volume (Total Infiltration)	0.062 ac-ft
Volume (Total Outlet Outflow)	0.097 ac-ft
Volume (Retained)	0.076 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary
 Label: BMP (IN)

Return Event: 100 years
 Storm Event: 100-year

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.02 ft ³ /s

Initial Conditions	
Elevation (Water Surface, Initial)	925.00 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft ³ /s
Flow (Initial Infiltration)	0.00 ft ³ /s
Flow (Initial, Total)	0.00 ft ³ /s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	5.30 ft ³ /s	Time to Peak (Flow, In)	11.900 hours
Infiltration (Peak)	0.02 ft ³ /s	Time to Peak (Infiltration)	11.350 hours
Flow (Peak Outlet)	0.53 ft ³ /s	Time to Peak (Flow, Outlet)	12.450 hours

Elevation (Water Surface, Peak)	927.87 ft
Volume (Peak)	0.158 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.292 ac-ft
Volume (Total Infiltration)	0.063 ac-ft
Volume (Total Outlet Outflow)	0.154 ac-ft
Volume (Retained)	0.076 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.0 %

Subsection: Pond Routed Hydrograph (total out)
Label: BMP (OUT)

Return Event: 2 years
Storm Event: 2-year

Peak Discharge	0.00 ft ³ /s
Time to Peak	15.950 hours
Hydrograph Volume	0.000 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 5 years
 Storm Event: 5-year

Peak Discharge	0.00 ft ³ /s
Time to Peak	15.950 hours
Hydrograph Volume	0.000 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

Subsection: Pond Routed Hydrograph (total out)
Label: BMP (OUT)

Return Event: 10 years
Storm Event: 10-year

Peak Discharge	0.00 ft ³ /s
Time to Peak	15.950 hours
Hydrograph Volume	0.000 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
0.000	0.00	0.00	(N/A)	(N/A)	(N/A)

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 25 years
 Storm Event: 25-year

Peak Discharge	0.10 ft ³ /s
Time to Peak	14.200 hours
Hydrograph Volume	0.049 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
12.800	0.00	0.00	0.01	0.02	0.03
13.050	0.04	0.05	0.05	0.06	0.06
13.300	0.07	0.07	0.08	0.08	0.08
13.550	0.09	0.09	0.09	0.09	0.09
13.800	0.10	0.10	0.10	0.10	0.10
14.050	0.10	0.10	0.10	0.10	0.10
14.300	0.10	0.10	0.10	0.10	0.10
14.550	0.10	0.10	0.10	0.10	0.10
14.800	0.10	0.10	0.10	0.10	0.09
15.050	0.09	0.09	0.09	0.09	0.09
15.300	0.09	0.09	0.09	0.09	0.09
15.550	0.09	0.09	0.08	0.08	0.08
15.800	0.08	0.08	0.08	0.08	0.08
16.050	0.08	0.08	0.08	0.07	0.07
16.300	0.07	0.07	0.07	0.07	0.07
16.550	0.07	0.07	0.07	0.07	0.07
16.800	0.07	0.06	0.06	0.06	0.06
17.050	0.06	0.06	0.06	0.06	0.06
17.300	0.06	0.06	0.06	0.06	0.06
17.550	0.06	0.06	0.06	0.05	0.05
17.800	0.05	0.05	0.05	0.05	0.05
18.050	0.05	0.05	0.05	0.05	0.05
18.300	0.05	0.05	0.05	0.05	0.05
18.550	0.05	0.05	0.05	0.05	0.05
18.800	0.04	0.04	0.04	0.04	0.04
19.050	0.04	0.04	0.04	0.04	0.04
19.300	0.04	0.04	0.04	0.04	0.04
19.550	0.04	0.04	0.04	0.04	0.04
19.800	0.04	0.04	0.03	0.03	0.03
20.050	0.03	0.03	0.03	0.03	0.03
20.300	0.03	0.03	0.03	0.03	0.03
20.550	0.03	0.03	0.03	0.03	0.03
20.800	0.03	0.03	0.03	0.03	0.03
21.050	0.03	0.03	0.03	0.03	0.03
21.300	0.03	0.03	0.03	0.03	0.03
21.550	0.03	0.03	0.03	0.03	0.03
21.800	0.03	0.03	0.02	0.02	0.02
22.050	0.02	0.02	0.02	0.02	0.02
22.300	0.02	0.02	0.02	0.02	0.02

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 25 years
 Storm Event: 25-year

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
22.550	0.02	0.02	0.02	0.02	0.02
22.800	0.02	0.02	0.02	0.02	0.02
23.050	0.02	0.02	0.02	0.02	0.02
23.300	0.02	0.02	0.02	0.02	0.02
23.550	0.02	0.02	0.02	0.02	0.02
23.800	0.02	0.02	0.02	0.02	0.02
24.050	0.02	0.02	0.02	0.02	0.01
24.300	0.01	0.01	0.01	0.01	0.01
24.550	0.00	0.00	0.00	0.00	(N/A)

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 50 years
 Storm Event: 50-year

Peak Discharge	0.26 ft ³ /s
Time to Peak	12.900 hours
Hydrograph Volume	0.097 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
12.050	0.00	0.06	0.11	0.14	0.17
12.300	0.19	0.20	0.22	0.23	0.24
12.550	0.25	0.25	0.25	0.26	0.26
12.800	0.26	0.26	0.26	0.26	0.26
13.050	0.26	0.26	0.25	0.25	0.25
13.300	0.25	0.24	0.24	0.24	0.24
13.550	0.23	0.23	0.23	0.22	0.22
13.800	0.22	0.21	0.21	0.21	0.20
14.050	0.20	0.20	0.19	0.19	0.19
14.300	0.18	0.18	0.18	0.17	0.17
14.550	0.17	0.17	0.16	0.16	0.16
14.800	0.16	0.15	0.15	0.15	0.15
15.050	0.14	0.14	0.14	0.14	0.14
15.300	0.13	0.13	0.13	0.13	0.13
15.550	0.12	0.12	0.12	0.12	0.12
15.800	0.12	0.11	0.11	0.11	0.11
16.050	0.11	0.11	0.10	0.10	0.10
16.300	0.10	0.10	0.10	0.10	0.09
16.550	0.09	0.09	0.09	0.09	0.09
16.800	0.09	0.09	0.09	0.08	0.08
17.050	0.08	0.08	0.08	0.08	0.08
17.300	0.08	0.08	0.08	0.08	0.08
17.550	0.07	0.07	0.07	0.07	0.07
17.800	0.07	0.07	0.07	0.07	0.07
18.050	0.07	0.07	0.07	0.07	0.07
18.300	0.06	0.06	0.06	0.06	0.06
18.550	0.06	0.06	0.06	0.06	0.06
18.800	0.06	0.06	0.06	0.06	0.06
19.050	0.06	0.06	0.05	0.05	0.05
19.300	0.05	0.05	0.05	0.05	0.05
19.550	0.05	0.05	0.05	0.05	0.05
19.800	0.05	0.05	0.05	0.05	0.05
20.050	0.05	0.04	0.04	0.04	0.04
20.300	0.04	0.04	0.04	0.04	0.04
20.550	0.04	0.04	0.04	0.04	0.04
20.800	0.04	0.04	0.04	0.04	0.04
21.050	0.04	0.04	0.04	0.04	0.04
21.300	0.04	0.04	0.04	0.04	0.04
21.550	0.04	0.04	0.04	0.03	0.03

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 50 years
 Storm Event: 50-year

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
21.800	0.03	0.03	0.03	0.03	0.03
22.050	0.03	0.03	0.03	0.03	0.03
22.300	0.03	0.03	0.03	0.03	0.03
22.550	0.03	0.03	0.03	0.03	0.03
22.800	0.03	0.03	0.03	0.03	0.03
23.050	0.03	0.03	0.03	0.03	0.03
23.300	0.03	0.03	0.03	0.03	0.03
23.550	0.03	0.03	0.03	0.03	0.03
23.800	0.03	0.03	0.03	0.03	0.03
24.050	0.03	0.03	0.02	0.02	0.02
24.300	0.02	0.02	0.01	0.01	0.01
24.550	0.01	0.01	0.01	0.01	0.00
24.800	0.00	0.00	0.00	(N/A)	(N/A)

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 100 years
 Storm Event: 100-year

Peak Discharge	0.53 ft ³ /s
Time to Peak	12.450 hours
Hydrograph Volume	0.154 ac-ft

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
11.950	0.00	0.18	0.36	0.44	0.48
12.200	0.49	0.51	0.52	0.52	0.52
12.450	0.53	0.52	0.52	0.52	0.51
12.700	0.50	0.50	0.49	0.48	0.48
12.950	0.47	0.46	0.45	0.45	0.44
13.200	0.43	0.42	0.42	0.41	0.40
13.450	0.39	0.38	0.38	0.37	0.36
13.700	0.36	0.35	0.34	0.33	0.32
13.950	0.32	0.31	0.30	0.29	0.29
14.200	0.28	0.27	0.27	0.26	0.26
14.450	0.25	0.25	0.24	0.24	0.23
14.700	0.23	0.22	0.22	0.21	0.21
14.950	0.21	0.20	0.20	0.19	0.19
15.200	0.19	0.18	0.18	0.18	0.18
15.450	0.17	0.17	0.17	0.16	0.16
15.700	0.16	0.16	0.15	0.15	0.15
15.950	0.15	0.14	0.14	0.14	0.14
16.200	0.13	0.13	0.13	0.13	0.13
16.450	0.12	0.12	0.12	0.12	0.12
16.700	0.12	0.11	0.11	0.11	0.11
16.950	0.11	0.11	0.11	0.10	0.10
17.200	0.10	0.10	0.10	0.10	0.10
17.450	0.10	0.10	0.10	0.09	0.09
17.700	0.09	0.09	0.09	0.09	0.09
17.950	0.09	0.09	0.09	0.09	0.08
18.200	0.08	0.08	0.08	0.08	0.08
18.450	0.08	0.08	0.08	0.08	0.08
18.700	0.08	0.08	0.07	0.07	0.07
18.950	0.07	0.07	0.07	0.07	0.07
19.200	0.07	0.07	0.07	0.07	0.07
19.450	0.07	0.07	0.06	0.06	0.06
19.700	0.06	0.06	0.06	0.06	0.06
19.950	0.06	0.06	0.06	0.06	0.06
20.200	0.06	0.06	0.06	0.05	0.05
20.450	0.05	0.05	0.05	0.05	0.05
20.700	0.05	0.05	0.05	0.05	0.05
20.950	0.05	0.05	0.05	0.05	0.05
21.200	0.05	0.05	0.05	0.05	0.05
21.450	0.05	0.05	0.05	0.05	0.05

Subsection: Pond Routed Hydrograph (total out)
 Label: BMP (OUT)

Return Event: 100 years
 Storm Event: 100-year

HYDROGRAPH ORDINATES (ft³/s)
Output Time Increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)	Flow (ft ³ /s)
21.700	0.05	0.05	0.05	0.05	0.05
21.950	0.04	0.04	0.04	0.04	0.04
22.200	0.04	0.04	0.04	0.04	0.04
22.450	0.04	0.04	0.04	0.04	0.04
22.700	0.04	0.04	0.04	0.04	0.04
22.950	0.04	0.04	0.04	0.04	0.04
23.200	0.04	0.04	0.04	0.04	0.04
23.450	0.04	0.04	0.04	0.04	0.04
23.700	0.04	0.04	0.04	0.04	0.04
23.950	0.04	0.04	0.04	0.04	0.03
24.200	0.03	0.03	0.03	0.02	0.02
24.450	0.02	0.02	0.02	0.01	0.01
24.700	0.01	0.01	0.01	0.01	0.00
24.950	0.00	0.00	0.00	(N/A)	(N/A)

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