Hydrograph Report

Hydraflow Hydrographs by Intelisolve — Wednesday, Jul 18 2006, 4:3 PM

Hyd. No. 6

Release from pond

Hydrograph type = Reservoir
Storm frequency = 5 yrs
Inflow hyd. No. = 5
Max. Elevation = 532.93 ft

Peak discharge = 118.01 cfs
Time interval = 1 min
Reservoir name = Dalton Elementary
Max. Storage = 177,125 cuft

Storage Indication method used. — Outflow hydrograph volume = 220.564 cuft

Hydrograph Discharge Table (Partial volum = 1% of Qp)

Time (min)	Inflow cfs	Elevation ft	Ch A cfs	Ch B cfs	Ch C cfs	Ch D cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
4	84.32	527.03	1.57	1.57	-----	-----	-----	-----	-----	-----	-----	1.57
5	80.49	527.33	2.77	2.77	-----	-----	-----	-----	-----	-----	-----	2.77
6	96.46	526.10	6.11	6.11	-----	-----	-----	-----	-----	-----	-----	6.11
7	112.56	528.24	7.13	7.13	-----	-----	-----	-----	-----	-----	-----	7.13
8	126.64	528.60	8.31	8.31	-----	-----	-----	-----	-----	-----	-----	8.31
9	144.73	528.91	9.65	9.65	-----	-----	-----	-----	-----	-----	-----	9.65
10	169.61	529.21	11.08	9.57	-----	1.49	-----	-----	-----	-----	-----	11.05
11	190.93	529.52	12.49	9.64	-----	3.43	-----	-----	-----	-----	-----	12.47
12	181.06	529.83	13.87	8.65	-----	5.21	-----	-----	-----	-----	-----	13.86
13	181.17	530.12	15.17	8.37	-----	6.80	-----	-----	-----	-----	-----	15.17
14	181.29	530.38	16.37	8.16	-----	8.20	-----	-----	-----	-----	-----	16.36
15	181.41	530.65	17.55	7.98	-----	9.56	-----	-----	-----	-----	-----	17.54
16	161.53	530.91	18.73	7.85	-----	10.88	-----	-----	-----	-----	-----	18.73
17	161.66	531.15	19.81	7.73	-----	12.07	-----	-----	-----	-----	-----	19.80
18	161.78	531.38	20.84	7.63	-----	13.20	-----	-----	-----	-----	-----	20.83
19	161.90	531.60	20.66	9.08	-----	18.84	-----	-----	-----	-----	-----	28.80
20	162.02 <<	531.80	20.27	16.55	-----	33.68	-----	-----	-----	-----	-----	50.23
21	162.02 <<	531.97	84.56	20.44	-----	44.14	-----	-----	-----	-----	-----	64.57
22	162.02 <<	532.10	75.14	23.06	-----	52.06	-----	-----	-----	-----	-----	75.11
23	162.02 <<	532.22	83.62	25.04	-----	58.55	-----	-----	-----	-----	-----	83.62
24	162.02 <<	532.33	90.18	26.80	-----	63.38	-----	-----	-----	-----	-----	90.18
25	162.02 <<	532.43	85.38	28.30	-----	67.22	-----	-----	-----	-----	-----	95.37
26	162.02 <<	532.52	69.88	29.72	-----	70.25	-----	-----	-----	-----	-----	99.97
27	162.02 <<	532.61	100.69	30.94	-----	73.13	-----	-----	-----	-----	-----	104.07
28	162.02 <<	532.69	107.79	32.04	-----	75.73	-----	-----	-----	-----	-----	107.77
29	162.02 <<	532.77	111.11	33.01	-----	77.97	-----	-----	-----	-----	-----	111.11
30	162.02 <<	532.84	114.17	33.94	-----	80.22	-----	-----	-----	-----	-----	114.16
31	146.09	532.89	110.92	34.04	-----	81.34	-----	-----	-----	-----	-----	116.52
32	130.10	532.92	117.77	35.01	-----	82.75	-----	-----	-----	-----	-----	117.76
33	116.24	532.93 <<	118.02	35.05	-----	82.82	-----	-----	-----	-----	-----	118.01 <<
34	98.18	532.91	117.34	34.88	-----	82.45	-----	-----	-----	-----	-----	117.33
35	82.23	532.86	115.76	34.41	-----	81.34	-----	-----	-----	-----	-----	115.75
36	66.27	532.82	113.30	33.68	-----	79.62	-----	-----	-----	-----	-----	113.30
37	50.31	532.74	109.97	32.69	-----	77.27	-----	-----	-----	-----	-----	109.96
38	34.35	532.65	105.74	31.43	-----	74.29	-----	-----	-----	-----	-----	105.72
39	18.39	532.54	100.54	29.89	-----	70.64	-----	-----	-----	-----	-----	100.53
40	2.43	532.41	94.33	28.04	-----	66.28	-----	-----	-----	-----	-----	94.32
41	2.31	532.26	87.41	26.03	-----	61.36	-----	-----	-----	-----	-----	87.41

Present Conditions
Q=CIA
A = 76.379
C = 0.35
Tc = 20
I = 4.9
Qp = 130.99

Future Conditions (Developed)
A = 11.136
C = 0.7
Tc = 10
I = 6.2
Qp = 48.33024

Offsite Conditions (Developed)
A = 2.023
C = 0.35
Tc = 20
I = 4.9
Qp = 3.469440

Offsite Conditions (Developed)
A = 63.222
C = 0.5
Tc = 10
I = 6.2
Qp = 195.9982

Flow for Storm Durations (Developed)

Time	L	C	Q
10 min	6.2	0.7	48.33024
15 min	5.5	0.7	42.8736
20 min	4.9	0.7	38.19648
30 min	4.1	0.7	31.99592
40 min	3.4	0.7	26.50368
50 min	2.9	0.7	22.60908
60 min	2.6	0.7	20.25792
70 min	2.4	0.7	18.70848
80 min	2.2	0.7	17.14844
90 min	2	0.7	15.5904

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	8.2	0.5	6.2713
15 min	5.6	0.5	5.56305
20 min	4.9	0.5	4.85535
30 min	4.1	0.5	4.14715
40 min	3.4	0.5	3.4391
50 min	2.9	0.5	2.93335
60 min	2.6	0.5	2.6299
70 min	2.4	0.5	2.4276
80 min	2.2	0.5	2.2253
90 min	2	0.5	2.023

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	6.2	0.5	195.9982
15 min	5.6	0.5	173.8605
20 min	4.9	0.5	151.7228
30 min	4.1	0.5	129.6851
40 min	3.4	0.5	107.4774
50 min	2.9	0.5	91.6719
60 min	2.6	0.5	82.1686
70 min	2.4	0.5	75.8664
80 min	2.2	0.5	69.5642
90 min	2	0.5	63.222

Storage Calculations

10 min
Inflow 150353.8 — Storage 71757.6
Outflow 78596.05

15 min
Inflow 202067.6 — Storage 101822.6
Outflow 98245.06

20 min
Inflow 237656.1 — Storage 119762
Outflow 117894.1

30 min
Inflow 298282.6 — Storage 141090.5 *
Outflow 157192.1

60 min
Inflow 328808.4 — Storage 133318.3
Outflow 195490.1

90 min
Inflow 351634 — Storage 115845.8
Outflow 235788.1

120 min
Inflow 379309.7 — Storage 103223.5
Outflow 275086.2

180 min
Inflow 407410.4 — Storage 90026.22
Outflow 314384.2

360 min
Inflow 426810.9 — Storage 73138.69
Outflow 353672.2

720 min
Inflow 436811.2 — Storage 43530.92
Outflow 392080.2

Hydrograph Report

Hydraflow Hydrographs by Intelisolve — Wednesday, Jul 18 2006, 4:4 PM

Hyd. No. 6

Release from pond

Hydrograph type = Reservoir
Storm frequency = 10 yrs
Inflow hyd. No. = 5
Max. Elevation = 533.46 ft

Peak discharge = 137.56 cfs
Time interval = 1 min
Reservoir name = Dalton Elementary
Max. Storage = 206,678 cuft

Storage Indication method used. — Outflow hydrograph volume = 247.314 cuft

Hydrograph Discharge Table (Partial volum = 1% of Qp)

Time (min)	Inflow cfs	Elevation ft	Ch A cfs	Ch B cfs	Ch C cfs	Ch D cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
4	76.23	527.13	1.90	1.56	-----	-----	-----	-----	-----	-----	-----	1.96
5	95.29	527.87	5.10	5.10	-----	-----	-----	-----	-----	-----	-----	5.10
6	114.34	528.22	9.64	6.53	-----	-----	-----	-----	-----	-----	-----	5.63
7	133.40	528.50	9.64	6.53	-----	-----	-----	-----	-----	-----	-----	7.65
8	152.45	528.82	7.35	9.20	-----	-----	-----	-----	-----	-----	-----	9.28
9	171.52	529.16	10.79	9.76	-----	1.03	-----	-----	-----	-----	-----	10.78
10	190.57	529.61	12.41	9.80	-----	3.34	-----	-----	-----	-----	-----	12.40
11	180.72	529.88	14.06	8.65	-----	5.47	-----	-----	-----	-----	-----	14.07
12	180.80	530.21	15.60	8.39	-----	7.30	-----	-----	-----	-----	-----	15.60
13	191.00	530.53	17.03	8.00	-----	8.80	-----	-----	-----	-----	-----	15.80
14	191.15	530.85	18.45	7.85	-----	10.57	-----	-----	-----	-----	-----	17.23
15	191.29	531.14	19.76	7.73	-----	12.03	-----	-----	-----	-----	-----	16.45
16	191.43	531.42	21.02	7.63	-----	13.46	-----	-----	-----	-----	-----	19.37
17	191.56	531.68	35.53	13.03	-----	25.45	-----	-----	-----	-----	-----	21.02
18	191.72	531.91	60.11	19.27	-----	40.63	-----	-----	-----	-----	-----	35.49
19	191.86	532.10	74.92	23.01	-----	51.88	-----	-----	-----	-----	-----	60.16
20	192.00 <<	532.26	80.06	25.69	-----	60.31	-----	-----	-----	-----	-----	74.00
21	192.00 <<	532.41	94.23	28.01	-----	66.21	-----	-----	-----	-----	-----	86.06
22	192.00 <<	532.54	100.66	29.61	-----	70.94	-----	-----	-----	-----	-----	94.22
23	192.00 <<	532.67	108.88	31.77	-----	75.09	-----	-----	-----	-----	-----	100.05
24	192.00 <<	532.79	112.13	33.04	-----	77.80	-----	-----	-----	-----	-----	106.69
25	192.00 <<	532.90	116.86	34.74	-----	82.11	-----	-----	-----	-----	-----	112.13
26	192.00 <<	533.01	121.12	35.60	-----	85.16	-----	-----	-----	-----	-----	118.66
27	192.00 <<	533.10	124.85	37.09	-----	87.89	-----	-----	-----	-----	-----	121.11
28	192.00 <<	533.20	127.91	38.03	-----	89.89	-----	-----	-----	-----	-----	124.64
29	192.00 <<	533.28	130.85	38.93	-----	92.01	-----	-----	-----	-----	-----	127.91
30	192.00 <<	533.34	133.78	39.77	-----	94.09	-----	-----	-----	-----	-----	130.94
31	173.09	533.40	136.01	40.43	-----	95.67	-----	-----	-----	-----	-----	133.77
32	154.18	533.44	137.24	40.80	-----	96.43	-----	-----	-----	-----	-----	135.69
33	135.26	533.45 <<	137.56	40.90	-----	96.67	-----	-----	-----	-----	-----	137.23
34	116.35	533.43	137.05	40.74	-----	96.30	-----	-----	-----	-----	-----	137.04
35	97.43	533.39	135.70	40.34	-----	95.36	-----	-----	-----	-----	-----	135.69
36	78.51	533.33	133.52	39.69	-----	93.82	-----	-----	-----	-----	-----	133.51
37	59.60	533.25	130.52	38.80	-----	91.71	-----	-----	-----	-----	-----	130.51
38	40.68	533.15	126.69	37.66	-----	89.02	-----	-----	-----	-----	-----	126.68
39	21.77	533.03	121.99	36.26	-----	85.71	-----	-----	-----	-----	-----	121.98
40	2.86	532.88	115.98	34.44	-----	81.41	-----	-----	-----	-----	-----	115.85
41	2.72	532.72	109.07	32.42	-----	76.63	-----	-----	-----	-----	-----	109.05

Present Conditions
Q=CIA
A = 76.379
C = 0.35
Tc = 20
I = 5.1
Qp = 136.494

Future Conditions (Developed)
A = 11.136
C = 0.7
Tc = 10
I = 7.3
Qp = 56.90496

Offsite Conditions (Developed)
A = 2.023
C = 0.35
Tc = 20
I = 5.1
Qp = 4.10669

Offsite Conditions (Developed)
A = 63.222
C = 0.5
Tc = 10
I = 7.3
Qp = 230.7603

Flow for Storm Durations (Developed)

Time	L	C	Q
10 min	7.3	0.7	56.90496
15 min	6.5	0.7	50.6656
20 min	5.8	0.7	45.31216
30 min	4.8	0.7	37.41696
40 min	4	0.7	31.1808
50 min	3.5	0.7	27.2832
60 min	3	0.7	23.3856
70 min	2.8	0.7	21.83928
80 min	2.6	0.7	20.28792
90 min	2.4	0.7	18.73848

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	7.3	0.5	7.36395
15 min	6.5	0.5	6.67475
20 min	5.8	0.5	5.9667
30 min	4.8	0.5	4.8552
40 min	4	0.5	4.046
50 min	3.5	0.5	3.54025
60 min	3	0.5	3.0345
70 min	2.8	0.5	2.8322
80 min	2.6	0.5	2.6299
90 min	2.4	0.5	2.4276

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	7.3	0.5	230.7663
15 min	6.5	0.5	209.4715
20 min	5.8	0.5	188.3336
30 min	4.8	0.5	151.7338
40 min	4	0.5	126.444
50 min	3.5	0.5	110.6363
60 min	3	0.5	94.833
70 min	2.8	0.5	88.5108
80 min	2.6	0.5	82.1885
90 min	2.4	0.5	75.8664

Storage Calculations

10 min
Inflow 177029.5 — Storage 83087.47
Outflow 93930.06

15 min
Inflow 236443.5 — Storage 120153.5
Outflow 116290.1

20 min
Inflow 281307.2 — Storage 141759.1
Outflow 139548.1

30 min
Inflow 349208.9 — Storage 163144.8 *
Outflow 186064.1

40 min
Inflow 389099.9 — Storage 156429.8
Outflow 232670.1

50 min
Inflow 424385.9 — Storage 145289.7
Outflow 279096.2

60 min
Inflow 436511.2 — Storage 119899
Outflow 325612.2

70 min
Inflow 475312.2 — Storage 103163.9
Outflow 372128.2

80 min
Inflow 504412.9 — Storage 85788.64
Outflow 418844.3

90 min
Inflow 523613.4 — Storage 56653.1
Outflow 466160.3

Hydrograph Report

Hydraflow Hydrographs by Intelisolve — Wednesday, Jul 18 2006, 4:5 PM

Hyd. No. 6

Release from pond

Hydrograph type = Reservoir
Storm frequency = 25 yrs
Inflow hyd. No. = 5
Max. Elevation = 534.00 ft

Peak discharge = 155.87 cfs
Time interval = 1 min
Reservoir name = Dalton Elementary
Max. Storage = 226,337 cuft

Storage Indication method used. — Outflow hydrograph volume = 401.052 cuft

Hydrograph Discharge Table (Partial volum = 1% of Qp)

Time (min)	Inflow cfs	Elevation ft	Ch A cfs	Ch B cfs	Ch C cfs	Ch D cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
4	86.14	527.23	2.38	2.38	-----	-----	-----	-----	-----	-----	-----	2.36
5	109.18	528.07	5.98	5.98	-----	-----	-----	-----	-----	-----	-----	5.98
6	132.21	528.35	7.18	7.17	-----	-----	-----	-----	-----	-----	-----	7.18
7	154.25	528.67	8.59	8.59	-----	-----	-----	-----	-----	-----	-----	8.59
8	176.29	529.03	10.21	10.03	-----	0.18	-----	-----	-----	-----	-----	10.21
9	198.32	529.40	11.90	9.23	-----	2.67	-----	-----	-----	-----	-----	11.90
10	220.36	529.80	13.75	8.83	-----	5.08	-----	-----	-----	-----	-----	13.91
11	222.57	530.20	15.56	8.30	-----	7.26	-----	-----	-----	-----	-----	15.56
12	246.64	530.58	17.24	8.03	-----	9.20	-----	-----	-----	-----	-----	17.23
13	220.66	530.95	18.90	7.83	-----	11.07	-----	-----	-----	-----	-----	16.60
14	220.77	531.28	20.39	7.67	-----	12.71	-----	-----	-----	-----	-----	20.37
15	220.87	531.60	28.66	9.90	-----	18.70	-----	-----	-----	-----	-----	28.60
16	221.35	531.91	37.03	18.61	-----	35.19	-----	-----	-----	-----	-----	35.49
17	221.52	532.12	74.55	23.34	-----	52.09	-----	-----	-----	-----	-----	76.33
18	221.68	532.32	86.83	26.42	-----	62.94	-----	-----	-----	-----	-----	89.37
19	221.84	532.50	99.03	28.70	-----	69.56	-----	-----	-----	-----	-----	98.01
20	222.02 <<	532.68	107.06	31.54	-----	75.22	-----	-----	-----	-----	-----	107.04
21	222.02 <<	532.84	114.07	33.51	-----	80.16	-----	-----	-----	-----	-----	113.67
22	222.02 <<	532.99	120.34	35.77	-----	84.58	-----	-----	-----	-----	-----	120.32
23	222.02 <<	533.12	125.44	37.29	-----	88.15	-----	-----	-----	-----	-----	125.44
24	222.02 <<	533.24	130.08	38.67	-----	91.45	-----	-----	-----	-----	-----	129.75
25	222.02 <<	533.36	134.35	39.94	-----	94.42	-----	-----	-----	-----	-----	134.33
26	222.02 <<	533.47	138.30	41.11	-----	97.17	-----	-----	-----	-----	-----	138.26
27	222.02 <<	533.57	141.96	42.20	-----	99.71	-----	-----	-----	-----	-----	141.96
28	222.02 <<	533.68	145.39	43.22	-----	102.16	-----	-----	-----	-----	-----	145.38
29	222.02 <<	533.77	148.60	44.18	-----	104.41	-----	-----	-----	-----	-----	148.58
30	222.02 <<	533.87	151.61	45.07	-----	106.53	-----	-----	-----	-----	-----	151.60
31	202.13	533.96	154.00	45.78	-----	108.21	-----	-----	-----	-----	-----	154.00
32	178.28	533.99	155.41	46.20	-----	109.20	-----	-----	-----	-----	-----	155.40
33	154.41	534.00 <<	155.87	46.34	-----	109.53	-----	-----	-----	-----	-----	155.87 <<
34	134.54	533.99	155.47	46.22	-----	109.25	-----	-----	-----	-----	-----	155.47
35	114.67	533.96	154.20	45.84	-----	108.35	-----	-----	-----	-----	-----	154.18
36	90.80	533.88	152.09	45.21	-----	106.87	-----	-----	-----	-----	-----	152.06
37	66.93	533.76	149.14	44.34	-----	104.82	-----	-----	-----	-----	-----	149.13
38	47.05	533.61	145.33	43.20	-----	102.12	-----	-----	-----	-----	-----	145.32
39	25.19	533.54	140.64	41.81	-----	98.82	-----	-----	-----	-----	-----	140.63
40	3.32	533.56	135.01	40.13	-----	94.86	-----	-----	-----	-----	-----	135.00
41	3.15	533.21	128.68	38.32	-----	90.56	-----	-----	-----	-----	-----	128.68

Present Conditions
Q=CIA
A = 76.379
C = 0.35
Tc = 20
I = 5.8
Qp = 178.1088

Future Conditions (Developed)
A = 11.136
C = 0.7
Tc = 10
I = 8.3
Qp = 64.70016

Offsite Conditions (Developed)
A = 2.023
C = 0.35
Tc = 20
I = 5.8
Qp = 4.749835

Offsite Conditions (Developed)
A = 63.222
C = 0.5
Tc = 10
I = 8.3
Qp = 262.2913

Flow for Storm Durations (Developed)

Time	L	C	Q
10 min	8.3	0.7	64.70016
15 min	7.4	0.7	57.68445
20 min	6.7	0.7	52.23784
30 min	5.6	0.7	43.8736
40 min	4.6	0.7	35.85792
50 min	4	0.7	31.1808
60 min	3.5	0.7	27.2632
70 min	3.2	0.7	24.94464
80 min	3	0.7	23.3856
90 min	2.7	0.7	21.04704

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	8.3	0.5	8.38545
15 min	7.4	0.5	7.4651
20 min	6.7	0.5	6.77705
30 min	5.6	0.5	5.67525
40 min	4.6	0.5	4.6529
50 min	4	0.5	4.046
60 min	3.5	0.5	3.54025
70 min	3.2	0.5	3.2368
80 min	3	0.5	3.0345
90 min	2.7	0.5	2.73105

Flow for Storm Durations (Offsite)

Time	L	C	Q
10 min	8.3	0.5	262.3713
15 min	7.4	0.5	233.9314
20 min	6.7	0.5	211.7937
30 min	5.6	0.5	175.8905
40 min	4.6	0.5	145.4106
50 min	4	0.5	126.444
60 min	3.5	0.5	110.6363
70 min	3.2	0.5	101.1582
80 min	3	0.5	94.833
90 min	2.7	0.5	85.3497

Storage Calculations

10 min
Inflow 291280.1 — Storage 93812.06
Outflow 197468.1

15 min
Inflow 269181.9 — Storage 134846.8
Outflow 134335.1

20 min
Inflow 329568.3 — Storage 163756.2
Outflow 165292.1

30 min
Inflow 400135.2 — Storage 185199.1 *
Outflow 214936.1

60 min
Inflow 446211.4 — Storage 177541.2
Outflow 268670.2

90 min
Inflow 480512.4 — Storage 160608.2
Outflow 320424.2

120 min
Inflow 505203 — Storage 139124.8
Outflow 376126.2

180 min
Inflow 543213.9 — Storage 113341.6
Outflow 429872.3

360 min
Inflow 580314.9 — Storage 80408.58
Outflow 499906.3

720 min
Inflow 589296.1 — Storage 51049.73
Outflow 537383.3

Hydrograph Report

Hydraflow Hydrographs by Intelisolve — Wednesday, Jul 18 2006, 4:1 PM

Hyd. No. 6

Release from pond

Hydrograph type = Reservoir
Storm frequency = 50 yrs
Inflow hyd. No. = 5
Max. Elevation = 534.47 ft

Peak discharge = 169.75 cfs
Time interval = 1 min
Reservoir name = Dalton Elementary
Max. Storage = 260,089 cuft

Storage Indication method used. — Outflow hydrograph volume = 445.672 cuft

Hydrograph Discharge Table (Partial volum = 1% of Qp)

Time (min)	Inflow cfs	Elevation ft	Ch A cfs	Ch B cfs	Ch C cfs	Ch D cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
4	98.47	527.32	2.71	2.71	-----	-----	-----	-----	-----	-----	-----	2.71
5	123.09	528.15	6.31	6.31	-----	-----	-----	-----	-----	-----	-----	6.31
6	147.70	528.45	7.69	7.69	-----	-----	-----	-----	-----	-----	-----	7.69
7	172.32	528.81	9.24	9.24	-----	-----	-----	-----	-----	-----	-----	9.24
8	196.94	529.20	10.99	9.69	-----	1.36	-----	-----	-----	-----	-----	10.98
9	221.56	529.61	12.88	8.92	-----	3.91	-----	-----	-----	-----	-----	12.88
10	246.17	530.06	14.80	8.42	-----	5.47	-----	-----	-----	-----	-----	14.89
11	248.39	530.48	16.70	8.09	-----	8.69	-----	-----	-----	-----	-----	16.78
12	246.64	530.88	18.67	7.85	-----	10.81	-----	-----	-----	-----	-----	18.66
13	246.73	531.27	20.37	7.67	-----	12.66	-----	-----	-----	-----	-----	20.36
14	246.82	531.63	32.81	11.12	-----	21.33	-----	-----	-----	-----	-----	32.46
15	247.10	531.95	63.42	20.13	-----	43.26	-----	-----	-----	-----	-----	63.42
16	247.39	532.21	82.74	24.84	-----	57.98	-----	-----	-----	-----	-----	82.74
17	247.47	532.44	93.68	28.44	-----	67.23	-----	-----	-----	-----	-----	95.67
18	247.66	532.65	105.83	31.48	-----	74.37	-----	-----	-----	-----	-----	105.83
19	247.85	532.85	114.54	34.05	-----	80.49	-----	-----	-----	-----	-----	114.54
20	248.03 <<	533.03	122.05	35.29	-----	85.76	-----	-----	-----	-----	-----	122.05
21	248.03 <<	533.19	128.21	36.12	-----	90.11	-----	-----	-----	-----	-----	123.23
22	248.03 <<	533.34	133.84	38.19	-----	94.01	-----	-----	-----	-----	-----	133.83
23	248.03 <<	533.49	138.69	41.32	-----	97.66	-----	-----	-----	-----	-----	138.97
24	248.03 <<	533.63	143.72	42.13	-----	100.99	-----	-----	-----	-----	-----	143.71
25	248.03 <<	533.76	148.11	44.03	-----	104.07	-----	-----	-----	-----	-----	148.11
26	248.03 <<	533.89	152.22	45.25	-----	106.96	-----	-----	-----	-----	-----	152.20
27	248.03 <<	534.01	155.92	46.38	-----	109.63	-----	-----	-----	-----	-----	156.02
28	248.03 <<	534.12	159.30	47.36	-----	111.93	-----	-----	-----	-----	-----	159.29
29	248.03 <<	534.22	162.40	48.28	-----	114.11	-----	-----	-----	-----	-----	162.39
30	248.03 <<	534.32	165.34	49.15	-----	116.17	-----	-----	-----	-----	-----	165.32
31	223.60	534.40	167.71	49.86	-----	117.85	-----	-----	-----	-----	-----	167.71
32	199.17	534.45	169.16	50.29	-----	118.87	-----	-----	-----	-----	-----	169.16
33	174.74	534.47 <<	169.75	50.47	-----	119.28	-----	-----	-----	-----	-----	169.75 <<
34	150.31	534.46	169.51	50.39	-----	119.11	-----	-----	-----	-----	-----	169.51
35	125.84	534.43	168.47	50.08	-----	118.38	-----	-----	-----	-----	-----	168.47
36	101.41	534.36	166.63	49.54	-----	117.09	-----	-----	-----	-----	-----	166.63
37	77.01	534.27	164.01	48.75	-----	115.24	-----	-----	-----	-----	-----	163.99
38	52.58	534.15	160.57	47.73	-----	112.83	-----	-----	-----	-----	-----	160.56
39	28.15	534.02	156.31	46.47	-----	109.84	-----	-----	-----	-----	-----	156.31
40	3.72	533.84	150.74	44.81	-----	105.91	-----	-----	-----	-----	-----	150.72
41	3.53	533.65	144.60	42.99	-----	101.61	-----	-----	-----	-----	-----	144.60

Present Conditions
Q=CIA
A = 76.379
C = 0.35
Tc = 20
I = 7.4
Qp = 197.9218

Future Conditions (Developed)
A = 11.136
C = 0.7
Tc = 10
I = 9
Qp = 70.1568

Offsite Conditions (Developed)
A = 2.023
C = 0.35
Tc = 20
I = 7.4