ATTACHMENT 6

Hydrograph Routing Calculations
Proposed Option No. 2

Note: This Attachment contains the Hydrograph Routing/Detention Basin Analysis Results for Proposed Drainage Option No. 2, one of two options recommended to reduce the runoff and cliff erosion of Rimforest.

Option No. 2 directs the flow into Daley Creek.

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                    FLOOD HYDROGRAPH ROUTING PROGRAM
            Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2005
                        Study date: 07/08/09

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Weir Discharge To Daley Creek
100-Year Storm

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Program License Serial Number 4500

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******************** HYDROGRAPH INFORMATION **********************

                From study/file name: opt2un.rte
****************************HYDROGRAPH DATA****************************
                Number of intervals =   313
                Time interval =    5.0 (Min.)
                Maximum/Peak flow rate =      306.377 (CFS)
                Total volume =     101.359 (Ac.Ft)
        Status of hydrographs being held in storage
                   Stream 1  Stream 2  Stream 3  Stream 4  Stream 5
        Peak (CFS)      0.000     0.000     0.000     0.000     0.000
        Vol (Ac.Ft)      0.000     0.000     0.000     0.000     0.000
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Process from Point/Station       13.000 to Point/Station       13.000
**** RETARDING BASIN ROUTING ****
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Program computation of outflow v. depth




CALCULATED OUTFLOW DATA AT DEPTH =    4.50(Ft.))
Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      4.600(Ft.)
Pipe friction loss =      0.230(Ft.)
Minor friction loss =      4.368(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     48.402(CFS)

Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      0.600(Ft.)
Pipe friction loss =      0.030(Ft.)
Minor friction loss =      0.570(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     17.481(CFS)

Total outflow at this depth =     65.88(CFS)


CALCULATED OUTFLOW DATA AT DEPTH =    6.50(Ft.))
Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      6.600(Ft.)
Pipe friction loss =      0.330(Ft.)
Minor friction loss =      6.268(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     57.977(CFS)

Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      2.600(Ft.)
Pipe friction loss =      0.130(Ft.)
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Minor friction loss =      2.469(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     36.389(CFS)

Total outflow at this depth =     94.37(CFS)


CALCULATED OUTFLOW DATA AT DEPTH =    8.00(Ft.))
Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      8.100(Ft.)
Pipe friction loss =      0.404(Ft.)
Minor friction loss =      7.692(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     64.228(CFS)

Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      4.100(Ft.)
Pipe friction loss =      0.205(Ft.)
Minor friction loss =      3.894(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     45.696(CFS)

Total outflow at this depth =    109.92(CFS)


CALCULATED OUTFLOW DATA AT DEPTH =    8.50(Ft.))
Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      8.600(Ft.)
Pipe friction loss =      0.429(Ft.)
Minor friction loss =      8.167(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     66.181(CFS)

Pipe length  =     1.00(Ft.)   Elevation difference =   0.10(Ft.)
Manning's N = 0.013   No. of pipes = 18
Given pipe size =      6.00(In.)
 NOTE: Assuming free outlet flow.
NOTE: Normal flow is pressure flow.
The total friction loss through the pipe is      4.600(Ft.)
Pipe friction loss =      0.230(Ft.)
Minor friction loss =      4.368(Ft.)     K-factor =   1.50
Calculated flow rate through pipe(s) =     48.402(CFS)


Weir capacity using equation Q = CLH^Exp(Using Feet as units)
Weir Length = 106.00(Ft.)   C value =   2.63   Exp =   1.50
Weir flow:      Depth = H =    0.50(Ft.)   Flow =     98.56 (CFS)

Total outflow at this depth =    213.15(CFS)

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Total number of inflow hydrograph intervals = 313
Hydrograph time unit =  5.000 (Min.)
Initial depth in storage basin =   0.00(Ft.)
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-------------------------------------------------------------------
Initial basin depth =   0.00 (Ft.)
Initial basin storage =      0.00 (Ac.Ft)
Initial basin outflow =   0.00 (CFS)
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Depth vs. Storage and Depth vs. Discharge data:
 Basin Depth  Storage    Outflow   (S-O*dt/2)   (S+O*dt/2)
     (Ft.)    (Ac.Ft)    (CFS)     (Ac.Ft)    (Ac.Ft)
-------------------------------------------------------------------
  0.000      0.000      0.000      0.000        0.000
  4.500      0.055     65.883     -0.172        0.282
  6.500      0.128     94.366     -0.197        0.453
  8.000      0.210    109.924     -0.169        0.589
  8.500      0.234    213.147     -0.500        0.968
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                Hydrograph Detention Basin Routing
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Graph values: 'I'= unit inflow; 'O'=outflow at time shown
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 Time   Inflow  Outflow    Storage                                  Depth
(Hours)  (CFS)   (CFS)     (Ac.Ft) .0      76.6  153.19  229.78  306.38 (Ft.)
 0.083    1.47    1.18      0.001  O       |       |       |       |     0.08
 0.167    8.43    7.25      0.006  O       |       |       |       |     0.50
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0.250	18.11	16.94	0.014	O				1.16
0.333	25.98	25.16	0.021	O				1.72
0.417	30.03	29.74	0.025	O				2.03
0.500	32.09	31.86	0.027	O				2.18
0.583	33.16	33.09	0.028	O				2.26
0.667	33.86	33.76	0.028	O				2.31
0.750	34.49	34.42	0.029	O				2.35
0.833	34.86	34.83	0.029	O				2.38
0.917	35.19	35.15	0.029	O				2.40
1.000	35.49	35.46	0.030	O				2.42
1.083	35.77	35.74	0.030	O				2.44
1.167	36.02	36.00	0.030	O				2.46
1.250	36.26	36.23	0.030	O				2.47
1.333	36.48	36.45	0.030	O				2.49
1.417	36.69	36.66	0.031	O				2.50
1.500	36.88	36.86	0.031	O				2.52
1.583	37.06	37.04	0.031	O				2.53
1.667	37.23	37.21	0.031	O				2.54
1.750	37.39	37.37	0.031	O				2.55
1.833	37.56	37.54	0.031	O				2.56
1.917	37.72	37.70	0.031	O				2.58
2.000	37.89	37.87	0.032	O				2.59
2.083	38.05	38.03	0.032	O				2.60
2.167	38.19	38.17	0.032	O				2.61
2.250	38.25	38.25	0.032	O				2.61
2.333	38.31	38.30	0.032	O				2.62
2.417	38.37	38.37	0.032	O				2.62
2.500	38.44	38.43	0.032	O				2.62
2.583	38.50	38.49	0.032	O				2.63
2.667	38.56	38.56	0.032	O				2.63
2.750	38.63	38.62	0.032	O				2.64
2.833	38.69	38.69	0.032	O				2.64
2.917	38.76	38.75	0.032	O				2.65
3.000	38.82	38.82	0.032	O				2.65
3.083	38.89	38.88	0.032	O				2.66
3.167	38.96	38.95	0.033	O				2.66
3.250	39.02	39.02	0.033	O				2.66
3.333	39.09	39.08	0.033	O				2.67
3.417	39.16	39.15	0.033	O				2.67
3.500	39.23	39.22	0.033	O				2.68
3.583	39.30	39.29	0.033	O				2.68
3.667	39.37	39.36	0.033	O				2.69
3.750	39.44	39.43	0.033	O				2.69
3.833	39.51	39.50	0.033	O				2.70
3.917	39.58	39.58	0.033	O				2.70
4.000	39.66	39.65	0.033	O				2.71
4.083	39.73	39.72	0.033	O				2.71
4.167	39.80	39.79	0.033	O				2.72
4.250	39.88	39.87	0.033	O				2.72
4.333	39.95	39.94	0.033	O				2.73
4.417	40.03	40.02	0.033	O				2.73
4.500	40.11	40.10	0.033	O				2.74
4.583	40.18	40.17	0.034	O				2.74
4.667	40.26	40.25	0.034	O				2.75
4.750	40.34	40.33	0.034	O				2.75
4.833	40.42	40.41	0.034	O				2.76
4.917	40.50	40.49	0.034	O				2.77
5.000	40.58	40.57	0.034	O				2.77
5.083	40.66	40.65	0.034	O				2.78
5.167	40.74	40.73	0.034	O				2.78
5.250	40.83	40.82	0.034	O				2.79
5.333	40.91	40.90	0.034	O				2.79
5.417	40.99	40.98	0.034	O				2.80
5.500	41.08	41.07	0.034	O				2.81
5.583	41.17	41.16	0.034	O				2.81
5.667	41.25	41.24	0.034	O				2.82
5.750	41.34	41.33	0.035	O				2.82
5.833	41.43	41.42	0.035	O				2.83
5.917	41.52	41.51	0.035	O				2.84
6.000	41.61	41.60	0.035	O				2.84
6.083	41.70	41.69	0.035	O				2.85
6.167	41.80	41.79	0.035	O				2.85
6.250	41.89	41.88	0.035	O				2.86
6.333	41.99	41.97	0.035	O				2.87
6.417	42.08	42.07	0.035	O				2.87
6.500	42.18	42.17	0.035	O				2.88
6.583	42.27	42.26	0.035	O				2.89
6.667	42.37	42.36	0.035	O				2.89
6.750	42.47	42.46	0.035	O				2.90
6.833	42.57	42.56	0.036	O				2.91
6.917	42.68	42.66	0.036	O				2.91
7.000	42.78	42.77	0.036	O				2.92
7.083	42.88	42.87	0.036	O				2.93
7.167	42.99	42.98	0.036	O				2.94
7.250	43.10	43.08	0.036	O				2.94
7.333	43.21	43.19	0.036	O				2.95
7.417	43.31	43.30	0.036	O				2.96
7.500	43.43	43.41	0.036	O				2.97

7.583	43.54	43.52	0.036	O				2.97
7.667	43.65	43.64	0.036	O				2.98
7.750	43.77	43.75	0.037	O				2.99
7.833	43.88	43.87	0.037	O				3.00
7.917	44.00	43.99	0.037	O				3.00
8.000	44.12	44.10	0.037	O				3.01
8.083	44.24	44.22	0.037	O				3.02
8.167	44.36	44.35	0.037	O				3.03
8.250	44.49	44.47	0.037	O				3.04
8.333	44.61	44.60	0.037	O				3.05
8.417	44.74	44.72	0.037	O				3.05
8.500	44.87	44.85	0.037	O				3.06
8.583	45.00	44.98	0.038	O				3.07
8.667	45.13	45.11	0.038	O				3.08
8.750	45.26	45.25	0.038	O				3.09
8.833	45.40	45.38	0.038	O				3.10
8.917	45.54	45.52	0.038	O				3.11
9.000	45.68	45.66	0.038	O				3.12
9.083	45.82	45.80	0.038	O				3.13
9.167	45.97	45.95	0.038	O				3.14
9.250	46.11	46.09	0.038	O				3.15
9.333	46.26	46.24	0.039	O				3.16
9.417	46.41	46.39	0.039	O				3.17
9.500	46.57	46.55	0.039	O				3.18
9.583	46.72	46.70	0.039	O				3.19
9.667	46.88	46.86	0.039	O				3.20
9.750	47.04	47.02	0.039	O				3.21
9.833	47.20	47.18	0.039	O				3.22
9.917	47.37	47.35	0.040	O				3.23
10.000	47.54	47.52	0.040	O				3.25
10.083	47.71	47.69	0.040	O				3.26
10.167	47.88	47.86	0.040	OI				3.27
10.250	48.06	48.04	0.040	O				3.28
10.333	48.24	48.22	0.040	O				3.29
10.417	48.42	48.40	0.040	O				3.31
10.500	48.61	48.59	0.041	O				3.32
10.583	48.80	48.78	0.041	O				3.33
10.667	49.00	48.97	0.041	O				3.34
10.750	49.19	49.17	0.041	O				3.36
10.833	49.40	49.37	0.041	O				3.37
10.917	49.60	49.58	0.041	O				3.39
11.000	49.81	49.79	0.042	O				3.40
11.083	50.02	50.00	0.042	O				3.42
11.167	50.24	50.22	0.042	O				3.43
11.250	50.46	50.44	0.042	O				3.45
11.333	50.69	50.66	0.042	O				3.46
11.417	50.92	50.90	0.042	O				3.48
11.500	51.16	51.13	0.043	O				3.49
11.583	51.40	51.37	0.043	O				3.51
11.667	51.65	51.62	0.043	O				3.53
11.750	51.90	51.87	0.043	O				3.54
11.833	52.17	52.13	0.044	O				3.56
11.917	52.43	52.40	0.044	O				3.58
12.000	52.70	52.67	0.044	O				3.60
12.083	52.80	52.80	0.044	O				3.61
12.167	52.23	52.34	0.044	O				3.57
12.250	51.33	51.43	0.043	O				3.51
12.333	50.67	50.74	0.042	O				3.47
12.417	50.51	50.51	0.042	O				3.45
12.500	50.62	50.60	0.042	O				3.46
12.583	50.85	50.81	0.042	O				3.47
12.667	51.15	51.11	0.043	O				3.49
12.750	51.46	51.42	0.043	O				3.51
12.833	51.82	51.78	0.043	O				3.54
12.917	52.20	52.16	0.044	O				3.56
13.000	52.60	52.55	0.044	O				3.59
13.083	53.01	52.96	0.044	O				3.62
13.167	53.45	53.40	0.045	O				3.65
13.250	53.90	53.85	0.045	O				3.68
13.333	54.38	54.32	0.045	O				3.71
13.417	54.87	54.81	0.046	O				3.74
13.500	55.39	55.32	0.046	O				3.78
13.583	55.92	55.86	0.047	O				3.82
13.667	56.49	56.42	0.047	O				3.85
13.750	57.07	57.00	0.048	O				3.89
13.833	57.70	57.62	0.048	O				3.94
13.917	58.34	58.26	0.049	O				3.98
14.000	59.02	58.93	0.049	O				4.03
14.083	59.73	59.65	0.050	O				4.07
14.167	60.53	60.43	0.050	O				4.13
14.250	61.39	61.28	0.051	O				4.19
14.333	62.29	62.18	0.052	O				4.25
14.417	63.20	63.09	0.053	O				4.31
14.500	64.17	64.05	0.053	O				4.37
14.583	65.17	65.05	0.054	O				4.44
14.667	66.26	66.06	0.055	O				4.51
14.750	67.41	66.95	0.058	OI				4.57
14.833	68.66	68.19	0.061	O				4.66

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14.917   69.98   69.49      0.064  |      O|       |       |       |     4.75
15.000   71.45   70.90      0.068  |      O|       |       |       |     4.85
15.083   73.02   72.43      0.072  |      O|       |       |       |     4.96
15.167   74.77   74.11      0.076  |      O|       |       |       |     5.08
15.250   76.67   75.95      0.081  |      OI       |       |       |     5.21
15.333   78.83   78.01      0.086  |       O       |       |       |     5.35
15.417   79.24   79.19      0.089  |       O       |       |       |     5.43
15.500   72.68   75.49      0.080  |      O|       |       |       |     5.17
15.583   62.87   66.65      0.057  |     O |       |       |       |     4.55
15.667   56.20   55.51      0.046  |    O  |       |       |       |     3.79
15.750   55.58   56.12      0.047  |    O  |       |       |       |     3.83
15.833   59.41   58.33      0.049  |     O |       |       |       |     3.98
15.917   67.52   66.39      0.056  |     OI|       |       |       |     4.54
16.000   83.63   76.92      0.083  |       O       |       |       |     5.28
16.083  135.43  108.11      0.200  |       |  O  I |       |       |     7.83
       Warning: Basin depth limit exceeded, the data here is an estimation
16.167  256.88  177.69      0.567  |       |       | O     | I     |    14.53
       Warning: Basin depth limit exceeded, the data here is an estimation
16.250  306.38  259.83      1.000  |       |       |       |  O    I    22.45
       Warning: Basin depth limit exceeded, the data here is an estimation
16.333  253.79  275.84      1.084  |       |       |       | I O   |    24.00
       Warning: Basin depth limit exceeded, the data here is an estimation
16.417  161.53  221.96      0.800  |       |       I      O|       |    18.80
       Warning: Basin depth limit exceeded, the data here is an estimation
16.500  115.49  156.00      0.453  |       |   I   O       |       |    12.44
16.583   97.61  126.50      0.214  |       | I  O  |       |       |     8.08
16.667   92.42   90.98      0.119  |       |O      |       |       |     6.26
16.750   90.10   91.30      0.120  |       |O      |       |       |     6.28
16.833   82.76   85.71      0.106  |       O       |       |       |     5.89
16.917   79.29   80.33      0.092  |       O       |       |       |     5.51
17.000   76.12   77.32      0.084  |      IO       |       |       |     5.30
17.083   73.76   74.59      0.077  |      O|       |       |       |     5.11
17.167   70.92   72.01      0.071  |      O|       |       |       |     4.93
17.250   68.64   69.45      0.064  |      O|       |       |       |     4.75
17.333   66.58   67.34      0.059  |     IO|       |       |       |     4.60
17.417   64.64   65.15      0.054  |     O |       |       |       |     4.45
17.500   62.96   62.98      0.053  |     O |       |       |       |     4.30
17.583   61.36   61.66      0.051  |     O |       |       |       |     4.21
17.667   59.99   60.07      0.050  |     O |       |       |       |     4.10
17.750   58.84   59.01      0.049  |     O |       |       |       |     4.03
17.833   57.85   57.94      0.048  |     O |       |       |       |     3.96
17.917   56.88   57.02      0.048  |    O  |       |       |       |     3.89
18.000   55.91   56.02      0.047  |    O  |       |       |       |     3.83
18.083   55.05   55.15      0.046  |    O  |       |       |       |     3.77
18.167   54.28   54.37      0.045  |    O  |       |       |       |     3.71
18.250   53.10   53.28      0.044  |    O  |       |       |       |     3.64
18.333   53.34   53.19      0.044  |    O  |       |       |       |     3.63
18.417   53.23   53.35      0.045  |    O  |       |       |       |     3.64
18.500   52.91   52.90      0.044  |    O  |       |       |       |     3.61
18.583   52.41   52.51      0.044  |    O  |       |       |       |     3.59
18.667   51.91   51.94      0.043  |    O  |       |       |       |     3.55
18.750   51.43   51.50      0.043  |    O  |       |       |       |     3.52
18.833   50.95   51.00      0.043  |    O  |       |       |       |     3.48
18.917   50.49   50.55      0.042  |    O  |       |       |       |     3.45
19.000   50.05   50.10      0.042  |    O  |       |       |       |     3.42
19.083   49.63   49.68      0.041  |    O  |       |       |       |     3.39
19.167   49.23   49.27      0.041  |    O  |       |       |       |     3.37
19.250   48.84   48.89      0.041  |    O  |       |       |       |     3.34
19.333   48.47   48.51      0.040  |    O  |       |       |       |     3.31
19.417   48.11   48.15      0.040  |    O  |       |       |       |     3.29
19.500   47.76   47.80      0.040  |   O   |       |       |       |     3.26
19.583   47.42   47.46      0.040  |   O   |       |       |       |     3.24
19.667   47.10   47.14      0.039  |   O   |       |       |       |     3.22
19.750   46.78   46.82      0.039  |   O   |       |       |       |     3.20
19.833   46.48   46.52      0.039  |   O   |       |       |       |     3.18
19.917   46.19   46.22      0.039  |   O   |       |       |       |     3.16
20.000   45.90   45.94      0.038  |   O   |       |       |       |     3.14
20.083   45.63   45.66      0.038  |   O   |       |       |       |     3.12
20.167   45.36   45.39      0.038  |   O   |       |       |       |     3.10
20.250   45.09   45.12      0.038  |   O   |       |       |       |     3.08
20.333   44.83   44.86      0.037  |   O   |       |       |       |     3.06
20.417   44.57   44.60      0.037  |   O   |       |       |       |     3.05
20.500   44.32   44.35      0.037  |   O   |       |       |       |     3.03
20.583   44.08   44.11      0.037  |   O   |       |       |       |     3.01
20.667   43.84   43.87      0.037  |   O   |       |       |       |     3.00
20.750   43.61   43.64      0.036  |   O   |       |       |       |     2.98
20.833   43.38   43.41      0.036  |   O   |       |       |       |     2.96
20.917   43.16   43.19      0.036  |   O   |       |       |       |     2.95
21.000   42.95   42.97      0.036  |   O   |       |       |       |     2.94
21.083   42.74   42.76      0.036  |   O   |       |       |       |     2.92
21.167   42.53   42.56      0.036  |   O   |       |       |       |     2.91
21.250   42.33   42.36      0.035  |   O   |       |       |       |     2.89
21.333   42.14   42.16      0.035  |   O   |       |       |       |     2.88
21.417   41.94   41.97      0.035  |   O   |       |       |       |     2.87
21.500   41.76   41.78      0.035  |   O   |       |       |       |     2.85
21.583   41.57   41.59      0.035  |   O   |       |       |       |     2.84
21.667   41.39   41.41      0.035  |   O   |       |       |       |     2.83
21.750   41.21   41.24      0.034  |   O   |       |       |       |     2.82
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21.833   41.04   41.06      0.034  |   O   |       |       |       |     2.80
21.917   40.87   40.89      0.034  |   O   |       |       |       |     2.79
22.000   40.70   40.72      0.034  |   O   |       |       |       |     2.78
22.083   40.54   40.56      0.034  |   O   |       |       |       |     2.77
22.167   40.38   40.40      0.034  |   O   |       |       |       |     2.76
22.250   40.22   40.24      0.034  |   O   |       |       |       |     2.75
22.333   40.07   40.09      0.033  |   O   |       |       |       |     2.74
22.417   39.92   39.93      0.033  |   O   |       |       |       |     2.73
22.500   39.77   39.78      0.033  |   O   |       |       |       |     2.72
22.583   39.62   39.64      0.033  |   O   |       |       |       |     2.71
22.667   39.48   39.49      0.033  |   O   |       |       |       |     2.70
22.750   39.33   39.35      0.033  |   O   |       |       |       |     2.69
22.833   39.19   39.21      0.033  |   O   |       |       |       |     2.68
22.917   39.06   39.07      0.033  |   O   |       |       |       |     2.67
23.000   38.92   38.94      0.033  |   O   |       |       |       |     2.66
23.083   38.79   38.81      0.032  |   O   |       |       |       |     2.65
23.167   38.66   38.67      0.032  |   O   |       |       |       |     2.64
23.250   38.53   38.55      0.032  |   O   |       |       |       |     2.63
23.333   38.40   38.42      0.032  |   O   |       |       |       |     2.62
23.417   38.28   38.29      0.032  |  O    |       |       |       |     2.62
23.500   38.16   38.17      0.032  |  O    |       |       |       |     2.61
23.583   38.04   38.05      0.032  |  O    |       |       |       |     2.60
23.667   37.92   37.93      0.032  |  O    |       |       |       |     2.59
23.750   37.80   37.81      0.032  |  O    |       |       |       |     2.58
23.833   37.68   37.70      0.031  |  O    |       |       |       |     2.57
23.917   37.57   37.58      0.031  |  O    |       |       |       |     2.57
24.000   37.46   37.47      0.031  |  O    |       |       |       |     2.56
24.083   35.87   36.17      0.030  |  O    |       |       |       |     2.47
24.167   28.82   30.01      0.025  |  O    |       |       |       |     2.05
24.250   19.07   20.24      0.017  |IO     |       |       |       |     1.38
24.333   11.18   12.00      0.010  |O      |       |       |       |     0.82
24.417    7.13    7.42      0.006  O       |       |       |       |     0.51
24.500    5.10    5.32      0.004  O       |       |       |       |     0.36
24.583    4.06    4.13      0.003  O       |       |       |       |     0.28
24.667    3.40    3.49      0.003  O       |       |       |       |     0.24
24.750    2.81    2.87      0.002  O       |       |       |       |     0.20
24.833    2.48    2.50      0.002  O       |       |       |       |     0.17
24.917    2.19    2.23      0.002  O       |       |       |       |     0.15
25.000    1.94    1.96      0.002  O       |       |       |       |     0.13
25.083    1.70    1.73      0.001  O       |       |       |       |     0.12
25.167    1.50    1.52      0.001  O       |       |       |       |     0.10
25.250    1.32    1.34      0.001  O       |       |       |       |     0.09
25.333    1.14    1.16      0.001  O       |       |       |       |     0.08
25.417    0.99    1.01      0.001  O       |       |       |       |     0.07
25.500    0.85    0.86      0.001  O       |       |       |       |     0.06
25.583    0.72    0.74      0.001  O       |       |       |       |     0.05
25.667    0.61    0.62      0.001  O       |       |       |       |     0.04
25.750    0.50    0.52      0.000  O       |       |       |       |     0.04
25.833    0.40    0.41      0.000  O       |       |       |       |     0.03
25.917    0.29    0.30      0.000  O       |       |       |       |     0.02
26.000    0.18    0.20      0.000  O       |       |       |       |     0.01
26.083    0.08    0.09      0.000  O       |       |       |       |     0.01
26.167    0.00    0.01      0.000  O       |       |       |       |     0.00

        ****************************HYDROGRAPH DATA****************************
                        Number of intervals =   314
                        Time interval =    5.0 (Min.)
                        Maximum/Peak flow rate =      275.838 (CFS)
                        Total volume =     101.359 (Ac.Ft)
                Status of hydrographs being held in storage
                            Stream 1  Stream 2  Stream 3  Stream 4  Stream 5
                Peak (CFS)      0.000     0.000     0.000     0.000     0.000
                Vol (Ac.Ft)      0.000     0.000     0.000     0.000     0.000
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