```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration       = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - SUBAREA E 25
Tc (Min. Tc)   = .0833 hrs
Drainage Area  = 9.030 acres  Runoff CN= 86

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    97.46 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    97.24 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA E
              CN    =   86
              Area =        9.030 acres
              S     =   1.6279 in
              0.2S =     .3256 in

               Cumulative Runoff
              -------------------
                      7.2647 in
                       5.467 ac-ft

HYG Volume...          5.467 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08330 hrs (ID: SUBAREA E)
Computational Incr, Tm =    .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   122.83 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 50
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 9.030 acres  Runoff CN= 86

============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =   113.80 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   113.52 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA E
               CN   =   86
               Area =       9.030 acres
               S    =   1.6279 in
               0.2S =    .3256 in

                Cumulative Runoff
               -------------------
                       8.5651 in
                        6.445 ac-ft

HYG Volume...          6.445 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA E)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   122.83 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration       = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - SUBAREA E 100
Tc (Min. Tc)   = .0833 hrs
Drainage Area  = 9.030 acres  Runoff CN= 86

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =   130.66 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   130.33 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA E
              CN    =   86
              Area =        9.030 acres
              S     =   1.6279 in
              0.2S =     .3256 in

               Cumulative Runoff
              -------------------
                      9.9208 in
                       7.465 ac-ft

HYG Volume...          7.465 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08330 hrs (ID: SUBAREA E)
Computational Incr, Tm =    .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   122.83 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration = 24.0000 hrs Rain Depth = 3.5300 in
Rain Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID = - SUBAREA F 1
Tc = .1680 hrs
Drainage Area = 15.240 acres Runoff CN= 87

==========
Computational Time Increment = .02240 hrs
Computed Peak Time = 11.9840 hrs
Computed Peak Flow = 45.63 cfs

Time Increment for HYG File = .0100 hrs
Peak Time, Interpolated Output = 11.9902 hrs
Peak Flow, Interpolated Output = 45.51 cfs
==========

DRAINAGE AREA

ID:SUBAREA F
CN = 87
Area = 15.240 acres
S = 1.4943 in
0.2S = .2989 in

Cumulative Runoff

2.2094 in
2.806 ac-ft

HYG Volume... 2.806 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc = .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm = .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 102.78 cfs
Unit peak time Tp = .11200 hrs
Unit receding limb, Tr = .44800 hrs
Total unit time, Tb = .56000 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration = 24.0000 hrs Rain Depth = 4.6000 in
Rain Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID = - SUBAREA F 2
Tc = .1680 hrs
Drainage Area = 15.240 acres Runoff CN= 87

==========
Computational Time Increment = .02240 hrs
Computed Peak Time = 11.9840 hrs
Computed Peak Flow = 65.10 cfs

Time Increment for HYG File = .0100 hrs
Peak Time, Interpolated Output = 11.9802 hrs
Peak Flow, Interpolated Output = 64.98 cfs
==========

DRAINAGE AREA

ID:SUBAREA F
CN = 87
Area = 15.240 acres
S = 1.4943 in
0.2S = .2989 in

Cumulative Runoff

3.1922 in
4.054 ac-ft

HYG Volume... 4.054 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc = .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm = .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 102.78 cfs
Unit peak time Tp = .11200 hrs
Unit receding limb, Tr = .44800 hrs
Total unit time, Tb = .56000 hrs

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 5
Tc            = .1680 hrs
Drainage Area = 15.240 acres  Runoff CN= 87

============================================
Computational Time Increment   =   .02240 hrs
Computed Peak Time             =  11.9840 hrs
Computed Peak Flow             =    92.45 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =    92.33 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA F
               CN    =   87
               Area =      15.240 acres
               S     =   1.4943 in
               0.2S =     .2989 in

                Cumulative Runoff
               -------------------
                       4.6130 in
                        5.858 ac-ft

HYG Volume...           5.858 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   102.78 cfs
Unit peak time      Tp =   .11200 hrs
Unit receding limb, Tr =   .44800 hrs
Total unit time,    Tb =   .56000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration       = 24.0000 hrs      Rain Depth = 7.3100 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 10
Tc             = .1680 hrs
Drainage Area = 15.240 acres  Runoff CN= 87

==============================================
Computational Time Increment   =   .02240 hrs
Computed Peak Time             =  11.9840 hrs
Computed Peak Flow             =   114.41 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   114.29 cfs
==============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA F
             CN    =   87
             Area =       15.240 acres
             S     =   1.4943 in
             0.2S =     .2989 in

              Cumulative Runoff
            -------------------
                    5.7794 in
                     7.340 ac-ft

HYG Volume...          7.340 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   102.78 cfs
Unit peak time       Tp =   .11200 hrs
Unit receding limb, Tr =   .44800 hrs
Total unit time,     Tb =   .56000 hrs
```

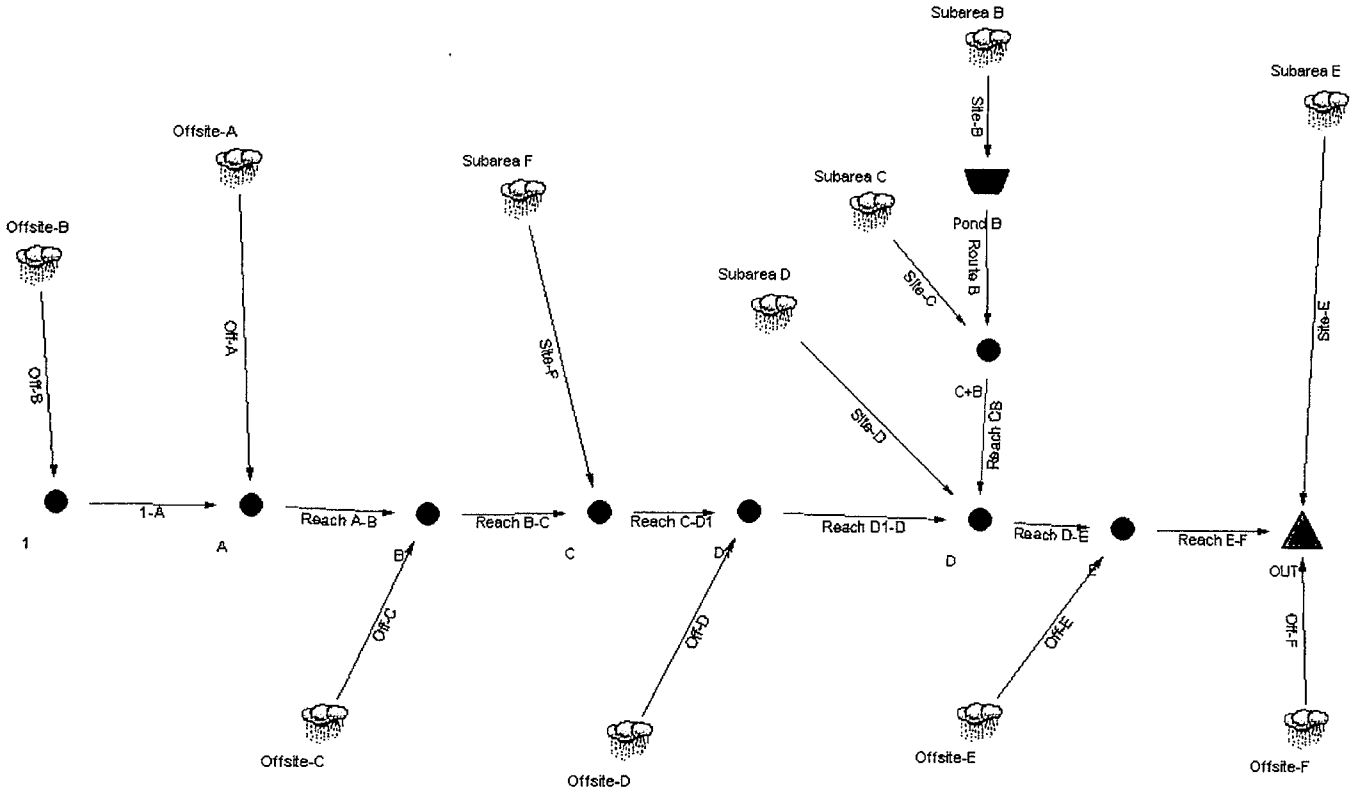
```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 25
Tc            = .1680 hrs
Drainage Area = 15.240 acres  Runoff CN= 87

============================================
Computational Time Increment   =   .02240 hrs
Computed Peak Time             =  11.9840 hrs
Computed Peak Flow             =   144.15 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   144.04 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA F
              CN    =   87
              Area =      15.240 acres
              S     =   1.4943 in
              0.2S =     .2989 in

               Cumulative Runoff
              -------------------
                      7.3868 in
                       9.381 ac-ft

HYG Volume...          9.381 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   102.78 cfs
Unit peak time      Tp =   .11200 hrs
Unit receding limb, Tr =   .44800 hrs
Total unit time,    Tb =   .56000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration        = 24.0000 hrs      Rain Depth = 10.2900 in
Rain Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir         = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 50
Tc              = .1680 hrs
Drainage Area = 15.240 acres  Runoff CN= 87

=============================================
Computational Time Increment   =   .02240 hrs
Computed Peak Time             =  11.9840 hrs
Computed Peak Flow             =   167.97 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   167.87 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA F
               CN    =   87
               Area =       15.240 acres
               S     =   1.4943 in
               0.2S =     .2989 in

                Cumulative Runoff
               -------------------
                       8.6913 in
                       11.038 ac-ft

HYG Volume...          11.038 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm =    .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   102.78 cfs
Unit peak time       Tp =   .11200 hrs
Unit receding limb, Tr =   .44800 hrs
Total unit time,     Tb =   .56000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 100
Tc            = .1680 hrs
Drainage Area = 15.240 acres  Runoff CN= 87

=============================================
Computational Time Increment   =   .02240 hrs
Computed Peak Time             =  11.9840 hrs
Computed Peak Flow             =   192.57 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   192.48 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA F
               CN    =   87
               Area =      15.240 acres
               S     =   1.4943 in
               0.2S =     .2989 in

                Cumulative Runoff
               -------------------
                      10.0505 in
                       12.764 ac-ft

HYG Volume...          12.764 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .16800 hrs (ID: SUBAREA F)
Computational Incr, Tm =    .02240 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =    1.6698 (solved from K =    .7491)

Unit peak,          qp =   102.78 cfs
Unit peak time      Tp =   .11200 hrs
Unit receding limb, Tr =   .44800 hrs
Total unit time,    Tb =   .56000 hrs
```

APPENDIX D
PONDPACK RESULTS- PROPOSED CONDITION

PROPOSED CONDITION
SCHEMATIC PLAN



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Unit Hyd. Summary 3.50

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MASTER DESIGN STORM SUMMARY

Network Storm Collection: San Juan

Return Event	Total Depth in	Rainfall Type	RNF ID
1	3.5300	Synthetic Curve	TypeII 24hr
2	4.6000	Synthetic Curve	TypeII 24hr
5	6.1000	Synthetic Curve	TypeII 24hr
10	7.3100	Synthetic Curve	TypeII 24hr
25	8.9600	Synthetic Curve	TypeII 24hr
50	10.2900	Synthetic Curve	TypeII 24hr
100	11.6700	Synthetic Curve	TypeII 24hr

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
1	JCT	1	87.539		13.6000	230.64		
1	JCT	2	115.886		13.6000	302.63		
1	JCT	5	155.665		13.6000	403.17		
1	JCT	10	187.769		13.6000	484.09		
1	JCT	25	231.560		13.6000	594.29		
1	JCT	50	266.864		13.6000	683.03		
1	JCT	100	303.499		13.6000	775.07		
A	JCT	1	89.469		13.6700	231.74		
A	JCT	2	118.698		13.6700	304.17		
A	JCT	5	159.756		13.6700	405.32		
A	JCT	10	192.914		13.6700	486.73		
A	JCT	25	238.159		13.6700	597.59		
A	JCT	50	274.644		13.6700	686.86		
A	JCT	100	312.510		13.6700	779.44		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
B	JCT	1	94.032		13.8200	233.88		
B	JCT	2	124.738		13.8100	306.95		
B	JCT	5	167.870		13.8100	409.02		
B	JCT	10	202.701		13.8100	491.16		
B	JCT	25	250.227		13.8100	603.02		
B	JCT	50	288.553		13.8100	693.10		
B	JCT	100	328.329		13.8100	786.51		
C	JCT	1	95.015		13.8600	234.38		
C	JCT	2	126.092		13.8600	307.63		
C	JCT	5	169.749		13.8600	409.92		
C	JCT	10	205.006		13.8600	492.25		
C	JCT	25	253.116		13.8600	604.36		
C	JCT	50	291.911		13.8600	694.64		
C	JCT	100	332.176		13.8600	788.27		
C+B	JCT	1	7.227		12.1400	77.69		
C+B	JCT	2	10.754		12.0900	145.08		
C+B	JCT	5	15.788		12.0700	209.84		
C+B	JCT	10	19.889		12.0700	254.17		
C+B	JCT	25	25.514		12.0600	298.52		
C+B	JCT	50	30.065		12.0600	330.18		
C+B	JCT	100	34.797		12.0600	362.94		
D	JCT	1	107.872		14.1300	243.84		
D	JCT	2	144.590		12.1800	357.85		
D	JCT	5	196.299	R	12.1600	495.19		
D	JCT	10	238.115	R	12.1600	599.49		
D	JCT	25	295.227	R	12.1600	723.76		
D	JCT	50	341.307	R	12.1600	820.96		
D	JCT	100	389.149	R	12.1600	921.62		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
D1	JCT	1	98.644		14.0400	235.93		
D1	JCT	2	130.896		14.0400	309.64		
D1	JCT	5	176.202		14.0400	412.58		
D1	JCT	10	212.789	R	14.0400	495.44		
D1	JCT	25	262.714	R	14.0400	608.27		
D1	JCT	50	302.974	R	14.0400	699.13		
D1	JCT	100	344.757	R	14.0400	793.36		
E	JCT	1	113.863		12.0800	263.32		
E	JCT	2	152.521	R	12.2100	386.24		
E	JCT	5	206.952	R	12.0900	559.99		
E	JCT	10	250.966	R	12.0800	683.02		
E	JCT	25	311.075	R	12.0800	843.16		
E	JCT	50	359.571	R	12.0800	970.29		
E	JCT	100	409.920	R	12.0800	1097.70		
OFFSITE-A	AREA	1	1.930		11.9500	33.44		
OFFSITE-A	AREA	2	2.812		11.9500	48.23		
OFFSITE-A	AREA	5	4.092		11.9400	69.08		
OFFSITE-A	AREA	10	5.145		11.9400	85.94		
OFFSITE-A	AREA	25	6.599		11.9400	108.78		
OFFSITE-A	AREA	50	7.780		11.9400	127.09		
OFFSITE-A	AREA	100	9.011		11.9400	145.99		
OFFSITE-B	AREA	1	87.539		13.6000	230.64		
OFFSITE-B	AREA	2	115.886		13.6000	302.63		
OFFSITE-B	AREA	5	155.665		13.6000	403.17		
OFFSITE-B	AREA	10	187.769		13.6000	484.09		
OFFSITE-B	AREA	25	231.560		13.6000	594.29		
OFFSITE-B	AREA	50	266.864		13.6000	683.03		
OFFSITE-B	AREA	100	303.499		13.6000	775.07		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
OFFSITE-C	AREA	1	4.563		11.9200	75.32		
OFFSITE-C	AREA	2	6.040		11.9200	98.58		
OFFSITE-C	AREA	5	8.113		11.9200	131.10		
OFFSITE-C	AREA	10	9.787		11.9200	157.29		
OFFSITE-C	AREA	25	12.069		11.9200	192.97		
OFFSITE-C	AREA	50	13.909		11.9200	221.71		
OFFSITE-C	AREA	100	15.819		11.9200	251.52		
OFFSITE-D	AREA	1	3.629		11.9300	57.69		
OFFSITE-D	AREA	2	4.804		11.9300	75.52		
OFFSITE-D	AREA	5	6.453		11.9300	100.43		
OFFSITE-D	AREA	10	7.783		11.9300	120.50		
OFFSITE-D	AREA	25	9.599		11.9300	147.84		
OFFSITE-D	AREA	50	11.062		11.9300	169.87		
OFFSITE-D	AREA	100	12.580		11.9300	192.71		
OFFSITE-E	AREA	1	5.991		11.9800	85.14		
OFFSITE-E	AREA	2	7.931		11.9800	111.45		
OFFSITE-E	AREA	5	10.654		11.9800	148.24		
OFFSITE-E	AREA	10	12.851		11.9800	177.86		
OFFSITE-E	AREA	25	15.848		11.9800	218.21		
OFFSITE-E	AREA	50	18.264		11.9800	250.72		
OFFSITE-E	AREA	100	20.771		11.9800	284.44		
OFFSITE-F	AREA	1	74.131		12.5600	392.57		
OFFSITE-F	AREA	2	98.137		12.5600	514.49		
OFFSITE-F	AREA	5	131.823		12.5600	684.83		
OFFSITE-F	AREA	10	159.010		12.5600	821.97		
OFFSITE-F	AREA	25	196.093		12.5600	1008.76		
OFFSITE-F	AREA	50	225.990		12.5600	1159.22		
OFFSITE-F	AREA	100	257.014		12.5600	1315.25		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID		Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
*OUT		JCT	1	190.835	R	12.5600	650.05		
*OUT		JCT	2	254.730	R	12.5200	892.84		
*OUT		JCT	5	344.617	R	12.4900	1209.37		
*OUT		JCT	10	417.271	R	12.4900	1456.83		
*OUT		JCT	25	516.459	R	12.4100	1785.60		
*OUT		JCT	50	596.472	R	12.4100	2045.90		
*OUT		JCT	100	679.529	R	12.4100	2313.06		
POND B	IN	POND	1	5.283		12.0200	74.47		
POND B	IN	POND	2	7.275		12.0200	100.80		
POND B	IN	POND	5	10.096		12.0200	137.35		
POND B	IN	POND	10	12.384		12.0200	166.60		
POND B	IN	POND	25	15.515		12.0200	206.26		
POND B	IN	POND	50	18.043		12.0200	238.10		
POND B	IN	POND	100	20.670		12.0200	271.03		
POND B	OUT	POND	1	3.645	R	12.1900	40.54	66.90	4.224
POND B	OUT	POND	2	5.621	R	12.1200	79.65	67.20	4.538
POND B	OUT	POND	5	8.421	R	12.1100	113.73	67.53	4.886
POND B	OUT	POND	10	10.692	R	12.1100	136.17	67.78	5.164
POND B	OUT	POND	25	13.800	R	12.1400	148.36	68.24	5.669
POND B	OUT	POND	50	16.310	R	12.1500	156.78	68.70	6.181
POND B	OUT	POND	100	18.917	R	12.1700	165.63	69.20	6.763
SUBAREA B		AREA	1	5.283		12.0200	74.47		
SUBAREA B		AREA	2	7.275		12.0200	100.80		
SUBAREA B		AREA	5	10.096		12.0200	137.35		
SUBAREA B		AREA	10	12.384		12.0200	166.60		
SUBAREA B		AREA	25	15.515		12.0200	206.26		
SUBAREA B		AREA	50	18.043		12.0200	238.10		
SUBAREA B		AREA	100	20.670		12.0200	271.03		

MASTER NETWORK SUMMARY
SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
SUBAREA C	AREA	1	3.582		12.0600	49.79		
SUBAREA C	AREA	2	5.133		12.0400	70.52		
SUBAREA C	AREA	5	7.367		12.0400	99.59		
SUBAREA C	AREA	10	9.196		12.0400	122.91		
SUBAREA C	AREA	25	11.713		12.0400	154.50		
SUBAREA C	AREA	50	13.754		12.0400	179.81		
SUBAREA C	AREA	100	15.879		12.0300	205.98		
SUBAREA D	AREA	1	2.002		11.9200	37.64		
SUBAREA D	AREA	2	2.940		11.9200	54.80		
SUBAREA D	AREA	5	4.309		11.9200	79.10		
SUBAREA D	AREA	10	5.438		11.9200	98.67		
SUBAREA D	AREA	25	7.000		11.9200	125.22		
SUBAREA D	AREA	50	8.269		11.9200	146.49		
SUBAREA D	AREA	100	9.594		11.9200	168.45		
SUBAREA E	AREA	1	2.841		11.9300	51.83		
SUBAREA E	AREA	2	4.072		11.9300	73.23		
SUBAREA E	AREA	5	5.844		11.9300	103.18		
SUBAREA E	AREA	10	7.295		11.9300	127.17		
SUBAREA E	AREA	25	9.292		11.9300	159.66		
SUBAREA E	AREA	50	10.911		11.9300	185.68		
SUBAREA E	AREA	100	12.597		11.9200	212.55		
SUBAREA F	AREA	1	.983		11.9200	17.69		
SUBAREA F	AREA	2	1.354		11.9200	23.91		
SUBAREA F	AREA	5	1.879		11.9200	32.53		
SUBAREA F	AREA	10	2.305		11.9200	39.44		
SUBAREA F	AREA	25	2.888		11.9200	48.80		
SUBAREA F	AREA	50	3.359		11.9200	56.31		
SUBAREA F	AREA	100	3.847		11.9200	64.08		

Title... Project Date: 4/17/2008
Project Engineer: Jorge Tirado
Project Title: Ciudad de Las Ciencias
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File,ID = San Juan

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 3.5300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 4.6000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 5

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 5 yr
Total Rainfall Depth= 6.1000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 7.3100 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 8.9600 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Title... Project Date: 4/17/2008
Project Engineer: Jorge Tirado
Project Title: Ciudad de Las Ciencias
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File,ID = San Juan

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 10.2900 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 11.6700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = San Juan

Storm Tag Name = 1

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 3.5300 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 2

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 4.6000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 5

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 5 yr
Total Rainfall Depth= 6.1000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 10

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 7.3100 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 8.9600 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

DESIGN STORMS SUMMARY

Design Storm File,ID = San Juan

Storm Tag Name = 50

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 10.2900 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 11.6700 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

SCS UNIT HYDROGRAPH METHOD
(Computational Notes)

DEFINITION OF TERMS: ----------

```
At    = Total area (acres):  At = Ai+Ap
Ai    = Impervious area (acres)
Ap    = Pervious area (acres)
CNi   = Runoff curve number for impervious area
CNp   = Runoff curve number for pervious area
fLoss = f loss constant infiltration (depth/time)
gKs   = Saturated Hydraulic Conductivity (depth/time)
Md    = Volumetric Moisture Deficit
Psi   = Capillary Suction (length)
hK    = Horton Infiltration Decay Rate (time^-1)
fo    = Initial Infiltration Rate (depth/time)
fc    = Ultimate(capacity)Infiltration Rate (depth/time)
Ia    = Initial Abstraction (length)
dt    = Computational increment (duration of unit excess rainfall)
        Default dt is smallest value of 0.1333Tc, rtm, and th
        (Smallest dt is then adjusted to match up with Tp)
UDdt  = User specified override computational main time increment
        (only used if UDdt is => .1333Tc)
D(t)  = Point on distribution curve (fraction of P) for time step t

K     = 2 / (1 + (Tr/Tp)):  default K = 0.75: (for Tr/Tp = 1.67)
Ks    = Hydrograph shape factor
      = Unit Conversions * K:
      = ((1hr/3600sec) * (1ft/12in) * ((5280ft)**2/sq.mi)) * K
        Default Ks = 645.333 * 0.75 = 484

Lag   = Lag time from center of excess runoff (dt) to Tp:  Lag = 0.6Tc
P     = Total precipitation depth, inches
Pa(t) = Accumulated rainfall at time step t
Pi(t) = Incremental rainfall at time step t
qp    = Peak discharge (cfs) for 1in. runoff, for 1hr, for 1 sq.mi.
      = (Ks * A * Q) / Tp   (where Q = 1in. runoff, A=sq.mi.)
Qu(t) = Unit hydrograph ordinate (cfs) at time step t
Q(t)  = Final hydrograph ordinate (cfs) at time step t
Rai(t)= Accumulated runoff (inches) at time step t for impervious area
Rap(t)= Accumulated runoff (inches) at time step t for pervious area
Rii(t)= Incremental runoff (inches) at time step t for impervious area
Rip(t)= Incremental runoff (inches) at time step t for pervious area
R(t)  = Incremental weighted total runoff (inches)
Rtm   = Time increment for rainfall table
Si    = S for impervious area:  Si = (1000/CNi) - 10
Sp    = S for pervious area:    Sp = (1000/CNp) - 10
t     = Time step (row) number
Tc    = Time of concentration
Tb    = Time (hrs) of entire unit hydrograph:  Tb = Tp + Tr
Tp    = Time (hrs) to peak of a unit hydrograph:  Tp = (dt/2) + Lag
Tr    = Time (hrs) of receding limb of unit hydrograph:  Tr = ratio of Tp
```

SCS UNIT HYDROGRAPH METHOD
(Computational Notes)

PRECIPITATION: ----------
Column (1): Time for time step t
Column (2): D(t) = Point on distribution curve for time step t
Column (3): Pi(t) = Pa(t) - Pa(t-1): Col.(4) - Preceding Col.(4)
Column (4): Pa(t) = D(t) x P: Col.(2) x P

PERVIOUS AREA RUNOFF (using SCS Runoff CN Method) ----------
Column (5): Rap(t) = Accumulated pervious runoff for time step t
If (Pa(t) is <= 0.2Sp) then use: Rap(t) = 0.0
If (Pa(t) is > 0.2Sp) then use:

Rap(t) = (Col.(4)-0.2Sp)**2 / (Col.(4)+0.8Sp)

Column (6): Rip(t) = Incremental pervious runoff for time step t
Rip(t) = Rap(t) - Rap(t-1)
Rip(t) = Col.(5) for current row - Col.(5) for preceding row.

IMPERVIOUS AREA RUNOFF ----------
Column (7 & 8)... Did not specify to use impervious areas.

INCREMENTAL WEIGHTED RUNOFF: ----------
Column (9): R(t) = (Ap/At) x Rip(t) + (Ai/At) x Rii(t)
R(t) = (Ap/At) x Col.(6) + (Ai/At) x Col.(8)

SCS UNIT HYDROGRAPH METHOD: ----------
Column (10): Q(t) is computed with the SCS unit hydrograph method
using R() and Qu().

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 1
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9549 hrs
Computed Peak Flow             =    33.51 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9502 hrs
Peak Flow, Interpolated Output =    33.44 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-A
             CN    =   86
             Area =      10.900 acres
             S     =   1.6279 in
             0.2S =     .3256 in

              Cumulative Runoff
             -------------------
                     2.1249 in
                      1.930 ac-ft

HYG Volume...          1.930 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =   .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 2
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

=============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9549 hrs
Computed Peak Flow             =    48.27 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9502 hrs
Peak Flow, Interpolated Output =    48.23 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-A
             CN   =   86
             Area =      10.900 acres
             S    =   1.6279 in
             0.2S =    .3256 in

              Cumulative Runoff
             -------------------
                     3.0955 in
                      2.812 ac-ft

HYG Volume...          2.812 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =   .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 5
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9380 hrs
Computed Peak Flow             =    69.08 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9402 hrs
Peak Flow, Interpolated Output =    69.08 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-A
               CN   =   86
               Area =      10.900 acres
               S    =   1.6279 in
               0.2S =    .3256 in

                Cumulative Runoff
               -------------------
                       4.5045 in
                        4.092 ac-ft

HYG Volume...           4.092 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =   .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 10
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

=============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9380 hrs
Computed Peak Flow             =    85.95 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9402 hrs
Peak Flow, Interpolated Output =    85.94 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-A
              CN    =   86
              Area =      10.900 acres
              S     =   1.6279 in
              0.2S =     .3256 in

               Cumulative Runoff
              -------------------
                      5.6642 in
                       5.145 ac-ft

HYG Volume...          5.145 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =    .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 25
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9380 hrs
Computed Peak Flow             =   108.83 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9402 hrs
Peak Flow, Interpolated Output =   108.78 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-A
             CN   =   86
             Area =      10.900 acres
             S    =   1.6279 in
             0.2S =    .3256 in

              Cumulative Runoff
             -------------------
                     7.2647 in
                      6.599 ac-ft

HYG Volume...         6.599 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =   .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 50
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

=============================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9380 hrs
Computed Peak Flow             =   127.16 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9402 hrs
Peak Flow, Interpolated Output =   127.09 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-A
               CN    =   86
               Area =       10.900 acres
               S     =   1.6279 in
               0.2S =     .3256 in

                Cumulative Runoff
               -------------------
                       8.5651 in
                        7.780 ac-ft

HYG Volume...           7.780 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =    .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =    97.25 cfs
Unit peak time       Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,     Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-A 100
Tc            = .1270 hrs
Drainage Area = 10.900 acres  Runoff CN= 86

==========================================
Computational Time Increment   =   .01693 hrs
Computed Peak Time             =  11.9380 hrs
Computed Peak Flow             =   146.08 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9402 hrs
Peak Flow, Interpolated Output =   145.99 cfs
==========================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-A
              CN   =   86
              Area =      10.900 acres
              S    =   1.6279 in
              0.2S =    .3256 in

               Cumulative Runoff
              -------------------
                      9.9208 in
                       9.011 ac-ft

HYG Volume...          9.011 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .12700 hrs (ID: OFFSITE-A)
Computational Incr, Tm =   .01693 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    97.25 cfs
Unit peak time      Tp =   .08467 hrs
Unit receding limb, Tr =   .33867 hrs
Total unit time,    Tb =   .42333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration       = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - OFFSITE-B 1
Tc             = 3.0000 hrs
Drainage Area  = 318.680 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   230.65 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   230.64 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-B
              CN    =   98
              Area =     318.680 acres
              S    =    .2041 in
              0.2S =    .0408 in

               Cumulative Runoff
              -------------------
                      3.2964 in
                      87.541 ac-ft

HYG Volume...         87.539 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,           qp =   120.36 cfs
Unit peak time       Tp =  2.00000 hrs
Unit receding limb,  Tr =  8.00000 hrs
Total unit time,     Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 2
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

==========================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   302.64 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   302.63 cfs
==========================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-B
             CN    =   98
             Area =     318.680 acres
             S    =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                     4.3638 in
                   115.889 ac-ft

HYG Volume...        115.886 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   120.36 cfs
Unit peak time      Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,    Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 5
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   403.18 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   403.17 cfs
=============================================

                DRAINAGE AREA
             --------------------
             ID:OFFSITE-B
             CN    =    98
             Area =      318.680 acres
             S     =     .2041 in
             0.2S =     .0408 in

              Cumulative Runoff
             -------------------
                     5.8618 in
                    155.669 ac-ft

HYG Volume...        155.665 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   120.36 cfs
Unit peak time       Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,     Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 10
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   484.10 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   484.09 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-B
              CN   =   98
              Area =     318.680 acres
              S    =    .2041 in
              0.2S =    .0408 in

               Cumulative Runoff
              -------------------
                      7.0707 in
                     187.774 ac-ft

HYG Volume...        187.769 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   120.36 cfs
Unit peak time      Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,    Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 25
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

==========================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   594.30 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   594.29 cfs
==========================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-B
               CN    =   98
               Area =     318.680 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                       8.7197 in
                      231.565 ac-ft

HYG Volume...        231.560 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   120.36 cfs
Unit peak time      Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,    Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 50
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   683.05 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   683.03 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-B
               CN    =   98
               Area =     318.680 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                      10.0491 in
                      266.870 ac-ft

HYG Volume...        266.864 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   120.36 cfs
Unit peak time      Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,    Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-B 100
Tc            = 3.0000 hrs
Drainage Area = 318.680 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .40000 hrs
Computed Peak Time             =  13.6000 hrs
Computed Peak Flow             =   775.08 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  13.6002 hrs
Peak Flow, Interpolated Output =   775.07 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-B
               CN    =   98
               Area =     318.680 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                      11.4286 in
                      303.506 ac-ft

HYG Volume...         303.499 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  3.00000 hrs (ID: OFFSITE-B)
Computational Incr, Tm =   .40000 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   120.36 cfs
Unit peak time       Tp =  2.00000 hrs
Unit receding limb, Tr =  8.00000 hrs
Total unit time,     Tb = 10.00000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-C 1
Tc            = .0860 hrs
Drainage Area = 16.610 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =    75.44 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    75.32 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-C
             CN    =   98
             Area =      16.610 acres
             S     =    .2041 in
             0.2S =     .0408 in

              Cumulative Runoff
             -------------------
                     3.2964 in
                      4.563 ac-ft

HYG Volume...          4.563 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =   .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   218.84 cfs
Unit peak time      Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,    Tb =   .28667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration       = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - OFFSITE-C 2
Tc             = .0860 hrs
Drainage Area  = 16.610 acres  Runoff CN= 98

==========================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =    98.74 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    98.58 cfs
==========================================

                DRAINAGE AREA
              ------------------
              ID:OFFSITE-C
              CN    =   98
              Area =      16.610 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      4.3638 in
                       6.040 ac-ft

HYG Volume...          6.040 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =   .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   218.84 cfs
Unit peak time      Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,    Tb =   .28667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-C 5
Tc            = .0860 hrs
Drainage Area = 16.610 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =   131.32 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   131.10 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-C
              CN    =   98
              Area =      16.610 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      5.8618 in
                       8.114 ac-ft

HYG Volume...          8.113 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =   .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   218.84 cfs
Unit peak time       Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,     Tb =   .28667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-C 10
Tc            = .0860 hrs
Drainage Area = 16.610 acres  Runoff CN= 98

==========================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =   157.56 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   157.29 cfs
==========================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-C
             CN    =    98
             Area =       16.610 acres
             S     =     .2041 in
             0.2S =     .0408 in

              Cumulative Runoff
             -------------------
                     7.0707 in
                      9.787 ac-ft

HYG Volume...          9.787 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =    .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   218.84 cfs
Unit peak time      Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,    Tb =   .28667 hrs
```

SCS UNIT HYDROGRAPH METHOD

```
STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-C 25
Tc            = .0860 hrs
Drainage Area = 16.610 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =   193.31 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   192.97 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-C
             CN    =   98
             Area =      16.610 acres
             S     =    .2041 in
             0.2S =     .0408 in

              Cumulative Runoff
             -------------------
                     8.7197 in
                     12.069 ac-ft

HYG Volume...        12.069 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =    .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   218.84 cfs
Unit peak time      Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,    Tb =   .28667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-C 50
Tc            = .0860 hrs
Drainage Area = 16.610 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01147 hrs
Computed Peak Time             =  11.9139 hrs
Computed Peak Flow             =   222.10 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   221.71 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-C
              CN    =   98
              Area =      16.610 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                     10.0491 in
                      13.910 ac-ft

HYG Volume...          13.909 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm =    .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   218.84 cfs
Unit peak time      Tp =   .05733 hrs
Unit receding limb, Tr =   .22933 hrs
Total unit time,    Tb =   .28667 hrs
```

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration = 24.0000 hrs Rain Depth = 11.6700 in
Rain Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID = - OFFSITE-C 100
Tc = .0860 hrs
Drainage Area = 16.610 acres Runoff CN= 98

==========
Computational Time Increment = .01147 hrs
Computed Peak Time = 11.9139 hrs
Computed Peak Flow = 251.97 cfs

Time Increment for HYG File = .0100 hrs
Peak Time, Interpolated Output = 11.9202 hrs
Peak Flow, Interpolated Output = 251.52 cfs
==========

DRAINAGE AREA

ID:OFFSITE-C
CN = 98
Area = 16.610 acres
S = .2041 in
0.2S = .0408 in

Cumulative Runoff

11.4286 in
15.819 ac-ft

HYG Volume... 15.819 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc = .08600 hrs (ID: OFFSITE-C)
Computational Incr, Tm = .01147 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 218.84 cfs
Unit peak time Tp = .05733 hrs
Unit receding limb, Tr = .22933 hrs
Total unit time, Tb = .28667 hrs

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration       = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - OFFSITE-D 1
Tc             = .1090 hrs
Drainage Area  = 13.210 acres  Runoff CN= 98

==========================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =    57.77 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =    57.69 cfs
==========================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-D
              CN    =    98
              Area =       13.210 acres
              S     =     .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      3.2964 in
                       3.629 ac-ft

HYG Volume...          3.629 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   137.32 cfs
Unit peak time       Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,     Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 2
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =    75.61 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =    75.52 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-D
             CN    =    98
             Area =      13.210 acres
             S     =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                     4.3638 in
                      4.804 ac-ft

HYG Volume...          4.804 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 5
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =   100.56 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   100.43 cfs
============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-D
              CN    =   98
              Area =      13.210 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      5.8618 in
                       6.453 ac-ft

HYG Volume...          6.453 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 10
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =   120.65 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   120.50 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-D
             CN    =   98
             Area =      13.210 acres
             S     =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                     7.0707 in
                      7.784 ac-ft

HYG Volume...          7.783 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 25
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =   148.02 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   147.84 cfs
============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-D
              CN   =   98
              Area =      13.210 acres
              S    =    .2041 in
              0.2S =    .0408 in

               Cumulative Runoff
              -------------------
                      8.7197 in
                       9.599 ac-ft

HYG Volume...          9.599 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 50
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =   170.07 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   169.87 cfs
=============================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-D
              CN   =   98
              Area =      13.210 acres
              S    =    .2041 in
              0.2S =    .0408 in

               Cumulative Runoff
              -------------------
                     10.0491 in
                      11.062 ac-ft

HYG Volume...         11.062 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-D 100
Tc            = .1090 hrs
Drainage Area = 13.210 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .01453 hrs
Computed Peak Time             =  11.9319 hrs
Computed Peak Flow             =   192.95 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   192.71 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-D
              CN   =  98
              Area =      13.210 acres
              S    =    .2041 in
              0.2S =    .0408 in

               Cumulative Runoff
              -------------------
                     11.4286 in
                      12.581 ac-ft

HYG Volume...         12.580 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .10900 hrs (ID: OFFSITE-D)
Computational Incr, Tm =   .01453 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   137.32 cfs
Unit peak time      Tp =   .07267 hrs
Unit receding limb, Tr =   .29067 hrs
Total unit time,    Tb =   .36333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 1
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =    85.34 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =    85.14 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-E
             CN   =   98
             Area =      21.810 acres
             S    =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                     3.2964 in
                      5.991 ac-ft

HYG Volume...          5.991 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 2
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   111.71 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   111.45 cfs
============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-E
              CN    =   98
              Area =      21.810 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      4.3638 in
                       7.931 ac-ft

HYG Volume...          7.931 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 5
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   148.56 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   148.24 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-E
               CN   =   98
               Area =      21.810 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                       5.8618 in
                       10.654 ac-ft

HYG Volume...          10.654 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 10
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   178.25 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   177.86 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-E
               CN   =   98
               Area =      21.810 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                       7.0707 in
                       12.851 ac-ft

HYG Volume...          12.851 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 25
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   218.69 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   218.21 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-E
             CN   =   98
             Area =      21.810 acres
             S    =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                     8.7197 in
                     15.848 ac-ft

HYG Volume...        15.848 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 50
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   251.27 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   250.72 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-E
             CN   =   98
             Area =      21.810 acres
             S    =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                    10.0491 in
                     18.264 ac-ft

HYG Volume...         18.264 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-E 100
Tc            = .1780 hrs
Drainage Area = 21.810 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .02373 hrs
Computed Peak Time             =  11.9853 hrs
Computed Peak Flow             =   285.06 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9802 hrs
Peak Flow, Interpolated Output =   284.44 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:OFFSITE-E
             CN    =   98
             Area =      21.810 acres
             S     =    .2041 in
             0.2S =    .0408 in

              Cumulative Runoff
             -------------------
                    11.4286 in
                     20.772 ac-ft

HYG Volume...         20.771 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .17800 hrs (ID: OFFSITE-E)
Computational Incr, Tm =   .02373 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   138.83 cfs
Unit peak time      Tp =   .11867 hrs
Unit receding limb, Tr =   .47467 hrs
Total unit time,    Tb =   .59333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 1
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =   392.60 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =   392.57 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-F
              CN    =   98
              Area =     269.870 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      3.2964 in
                      74.133 ac-ft

HYG Volume...         74.131 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 2
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =   514.53 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =   514.49 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-F
               CN   =   98
               Area =     269.870 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                       4.3638 in
                       98.139 ac-ft

HYG Volume...          98.137 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 5
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =   684.88 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =   684.83 cfs
============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-F
              CN    =   98
              Area =     269.870 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      5.8618 in
                     131.826 ac-ft

HYG Volume...        131.823 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 10
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =   822.03 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =   821.97 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-F
               CN    =   98
               Area =     269.870 acres
               S    =    .2041 in
               0.2S =    .0408 in

                Cumulative Runoff
               -------------------
                       7.0707 in
                      159.014 ac-ft

HYG Volume...        159.010 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =  262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 25
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

=============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =  1008.84 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =  1008.76 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:OFFSITE-F
              CN    =   98
              Area =     269.870 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                      8.7197 in
                     196.098 ac-ft

HYG Volume...        196.093 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 50
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =  1159.30 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =  1159.22 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:OFFSITE-F
              CN    =   98
              Area =     269.870 acres
              S     =    .2041 in
              0.2S =     .0408 in

               Cumulative Runoff
              -------------------
                     10.0491 in
                     225.996 ac-ft

HYG Volume...        225.990 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - OFFSITE-F 100
Tc            = 1.1630 hrs
Drainage Area = 269.870 acres  Runoff CN= 98

============================================
Computational Time Increment   =   .15507 hrs
Computed Peak Time             =  12.5604 hrs
Computed Peak Flow             =  1315.35 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.5602 hrs
Peak Flow, Interpolated Output =  1315.25 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:OFFSITE-F
               CN    =   98
               Area =     269.870 acres
               S     =    .2041 in
               0.2S =     .0408 in

                Cumulative Runoff
               -------------------
                      11.4286 in
                      257.020 ac-ft

HYG Volume...         257.014 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =  1.16300 hrs (ID: OFFSITE-F)
Computational Incr, Tm =   .15507 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   262.92 cfs
Unit peak time      Tp =   .77533 hrs
Unit receding limb, Tr =  3.10133 hrs
Total unit time,    Tb =  3.87667 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 1
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =    74.53 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =    74.47 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA B
             CN    =   93
             Area =      22.940 acres
             S     =    .7527 in
             0.2S =    .1505 in

              Cumulative Runoff
             -------------------
                     2.7639 in
                      5.284 ac-ft

HYG Volume...          5.283 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 2
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   100.90 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   100.80 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA B
             CN   =   93
             Area =      22.940 acres
             S    =    .7527 in
             0.2S =    .1505 in

              Cumulative Runoff
             -------------------
                     3.8057 in
                      7.275 ac-ft

HYG Volume...          7.275 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,           qp =   107.85 cfs
Unit peak time       Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,     Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 5
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   137.50 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   137.35 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA B
              CN   =   93
              Area =      22.940 acres
              S    =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      5.2813 in
                      10.096 ac-ft

HYG Volume...         10.096 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 10
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   166.79 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   166.60 cfs
============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA B
              CN    =   93
              Area =      22.940 acres
              S     =    .7527 in
              0.2S =     .1505 in

               Cumulative Runoff
              -------------------
                      6.4784 in
                      12.385 ac-ft

HYG Volume...         12.384 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 25
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   206.50 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   206.26 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA B
              CN   =   93
              Area =      22.940 acres
              S    =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      8.1160 in
                      15.515 ac-ft

HYG Volume...         15.515 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 50
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   238.38 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   238.10 cfs
============================================

                DRAINAGE AREA
               -------------------
               ID:SUBAREA B
               CN   =   93
               Area =      22.940 acres
               S    =    .7527 in
               0.2S =    .1505 in

                Cumulative Runoff
               -------------------
                       9.4388 in
                       18.044 ac-ft

HYG Volume...          18.043 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA B 100
Tc            = .2410 hrs
Drainage Area = 22.940 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .03213 hrs
Computed Peak Time             =  12.0179 hrs
Computed Peak Flow             =   271.36 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0202 hrs
Peak Flow, Interpolated Output =   271.03 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA B
             CN   =   93
             Area =      22.940 acres
             S    =    .7527 in
             0.2S =    .1505 in

              Cumulative Runoff
             -------------------
                    10.8129 in
                     20.671 ac-ft

HYG Volume...         20.670 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .24100 hrs (ID: SUBAREA B)
Computational Incr, Tm =   .03213 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   107.85 cfs
Unit peak time      Tp =   .16067 hrs
Unit receding limb, Tr =   .64267 hrs
Total unit time,    Tb =   .80333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 1
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0685 hrs
Computed Peak Flow             =    49.80 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0602 hrs
Peak Flow, Interpolated Output =    49.79 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA C
             CN    =   88
             Area =       18.720 acres
             S     =   1.3636 in
             0.2S =     .2727 in

              Cumulative Runoff
             -------------------
                     2.2960 in
                      3.582 ac-ft

HYG Volume...          3.582 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =    .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 2
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =    70.58 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0402 hrs
Peak Flow, Interpolated Output =    70.52 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA C
               CN   =   88
               Area =      18.720 acres
               S    =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       3.2904 in
                        5.133 ac-ft

HYG Volume...           5.133 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =   .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 5
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =    99.76 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0402 hrs
Peak Flow, Interpolated Output =    99.59 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA C
               CN   =   88
               Area =      18.720 acres
               S    =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       4.7222 in
                        7.367 ac-ft

HYG Volume...           7.367 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =   .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 10
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =   123.17 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0402 hrs
Peak Flow, Interpolated Output =   122.91 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA C
               CN   =   88
               Area =      18.720 acres
               S    =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       5.8950 in
                        9.196 ac-ft

HYG Volume...          9.196 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =   .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 25
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =   154.88 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0402 hrs
Peak Flow, Interpolated Output =   154.50 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA C
               CN   =   88
               Area =      18.720 acres
               S    =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       7.5086 in
                       11.713 ac-ft

HYG Volume...          11.713 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =   .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 50
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =   180.29 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0402 hrs
Peak Flow, Interpolated Output =   179.81 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA C
             CN    =   88
             Area =      18.720 acres
             S     =   1.3636 in
             0.2S =     .2727 in

              Cumulative Runoff
             -------------------
                     8.8170 in
                     13.755 ac-ft

HYG Volume...         13.754 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =   .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    78.27 cfs
Unit peak time      Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,    Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA C 100
Tc            = .2710 hrs
Drainage Area = 18.720 acres  Runoff CN= 88

=============================================
Computational Time Increment   =   .03613 hrs
Computed Peak Time             =  12.0324 hrs
Computed Peak Flow             =   206.53 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  12.0302 hrs
Peak Flow, Interpolated Output =   205.98 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA C
               CN    =   88
               Area =      18.720 acres
               S     =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                      10.1794 in
                       15.880 ac-ft

HYG Volume...          15.879 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .27100 hrs (ID: SUBAREA C)
Computational Incr, Tm =    .03613 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =    78.27 cfs
Unit peak time       Tp =   .18067 hrs
Unit receding limb, Tr =   .72267 hrs
Total unit time,     Tb =   .90333 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 1
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    37.65 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    37.64 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA D
              CN    =   85
              Area =      11.760 acres
              S     =   1.7647 in
              0.2S =     .3529 in

               Cumulative Runoff
              -------------------
                      2.0425 in
                       2.002 ac-ft

HYG Volume...          2.002 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 2
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    54.86 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    54.80 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA D
              CN    =   85
              Area =      11.760 acres
              S     =   1.7647 in
              0.2S =     .3529 in

               Cumulative Runoff
              -------------------
                      3.0004 in
                       2.940 ac-ft

HYG Volume...          2.940 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 5
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    79.22 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    79.10 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA D
               CN   =   85
               Area =      11.760 acres
               S    =   1.7647 in
               0.2S =    .3529 in

                Cumulative Runoff
               -------------------
                       4.3969 in
                        4.309 ac-ft

HYG Volume...           4.309 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 10
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    98.86 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    98.67 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA D
              CN    =   85
              Area =       11.760 acres
              S     =   1.7647 in
              0.2S =     .3529 in

               Cumulative Runoff
              -------------------
                      5.5494 in
                       5.438 ac-ft

HYG Volume...          5.438 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =    .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 25
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =   125.49 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   125.22 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA D
               CN   =   85
               Area =      11.760 acres
               S    =   1.7647 in
               0.2S =    .3529 in

                Cumulative Runoff
               -------------------
                       7.1426 in
                        7.000 ac-ft

HYG Volume...          7.000 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 50
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =   146.83 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   146.49 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA D
              CN   =   85
              Area =      11.760 acres
              S    =   1.7647 in
              0.2S =    .3529 in

               Cumulative Runoff
              -------------------
                      8.4385 in
                       8.270 ac-ft

HYG Volume...          8.269 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   159.96 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA D 100
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 11.760 acres  Runoff CN= 85

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =   168.87 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   168.45 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA D
              CN    =   85
              Area =      11.760 acres
              S     =   1.7647 in
              0.2S =     .3529 in

               Cumulative Runoff
              -------------------
                      9.7904 in
                       9.595 ac-ft

HYG Volume...          9.594 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08330 hrs (ID: SUBAREA D)
Computational Incr, Tm =    .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =    1.6698 (solved from K =    .7491)

Unit peak,           qp =   159.96 cfs
Unit peak time       Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,     Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 1
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =    51.86 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =    51.83 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA E
             CN    =   88
             Area =      14.850 acres
             S     =   1.3636 in
             0.2S =     .2727 in

              Cumulative Runoff
             -------------------
                     2.2960 in
                      2.841 ac-ft

HYG Volume...          2.841 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =    .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   175.27 cfs
Unit peak time      Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,    Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 2
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =    73.28 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =    73.23 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA E
               CN   =   88
               Area =      14.850 acres
               S    =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       3.2904 in
                        4.072 ac-ft

HYG Volume...           4.072 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =   .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   175.27 cfs
Unit peak time      Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,    Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 5
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =   103.26 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   103.18 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA E
               CN    =   88
               Area =      14.850 acres
               S     =   1.3636 in
               0.2S =     .2727 in

                Cumulative Runoff
               -------------------
                       4.7222 in
                        5.844 ac-ft

HYG Volume...           5.844 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =    .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   175.27 cfs
Unit peak time       Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,     Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 10
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =   127.28 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   127.17 cfs
============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA E
             CN    =   88
             Area =      14.850 acres
             S     =   1.3636 in
             0.2S =    .2727 in

              Cumulative Runoff
             -------------------
                     5.8950 in
                      7.295 ac-ft

HYG Volume...          7.295 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =   .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   175.27 cfs
Unit peak time      Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,    Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 25
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

=============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =   159.80 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   159.66 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA E
               CN    =   88
               Area =      14.850 acres
               S     =   1.3636 in
               0.2S =     .2727 in

                Cumulative Runoff
               -------------------
                       7.5086 in
                        9.292 ac-ft

HYG Volume...           9.292 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =   .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,           qp =   175.27 cfs
Unit peak time       Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,     Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA E 50
Tc            = .0960 hrs
Drainage Area = 14.850 acres  Runoff CN= 88

============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =   185.85 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9302 hrs
Peak Flow, Interpolated Output =   185.68 cfs
============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA E
               CN    =   88
               Area =      14.850 acres
               S     =   1.3636 in
               0.2S =    .2727 in

                Cumulative Runoff
               -------------------
                       8.8170 in
                       10.911 ac-ft

HYG Volume...          10.911 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =   .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =   175.27 cfs
Unit peak time      Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,    Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration       = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID  =  - TypeII  24hr
Unit Hyd Type  = Default Curvilinear
HYG Dir        = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID  =  - SUBAREA E 100
Tc             = .0960 hrs
Drainage Area  = 14.850 acres  Runoff CN= 88

=============================================
Computational Time Increment   =   .01280 hrs
Computed Peak Time             =  11.9296 hrs
Computed Peak Flow             =   212.75 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =   212.55 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA E
             CN    =   88
             Area =       14.850 acres
             S     =   1.3636 in
             0.2S =     .2727 in

              Cumulative Runoff
             -------------------
                    10.1794 in
                     12.597 ac-ft

HYG Volume...          12.597 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .09600 hrs (ID: SUBAREA E)
Computational Incr, Tm =    .01280 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =   175.27 cfs
Unit peak time      Tp =   .06400 hrs
Unit receding limb, Tr =   .25600 hrs
Total unit time,    Tb =   .32000 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm
Duration      = 24.0000 hrs     Rain Depth = 3.5300 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 1
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    17.73 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    17.69 cfs
=============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA F
              CN    =   93
              Area =       4.270 acres
              S     =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      2.7639 in
                        .983 ac-ft

HYG Volume...           .983 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm
Duration      = 24.0000 hrs     Rain Depth = 4.6000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 2
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    23.97 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    23.91 cfs
=============================================

                 DRAINAGE AREA
              -------------------
              ID:SUBAREA F
              CN    =    93
              Area =        4.270 acres
              S     =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      3.8057 in
                       1.354 ac-ft

HYG Volume...          1.354 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =    .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =    .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =     .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =    .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 5 year storm.
Duration      = 24.0000 hrs     Rain Depth = 6.1000 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 5
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    32.62 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    32.53 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA F
              CN   =   93
              Area =       4.270 acres
              S    =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      5.2813 in
                       1.879 ac-ft

HYG Volume...          1.879 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration      = 24.0000 hrs     Rain Depth = 7.3100 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 10
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    39.54 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    39.44 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA F
             CN    =   93
             Area =       4.270 acres
             S     =    .7527 in
             0.2S =    .1505 in

              Cumulative Runoff
             -------------------
                     6.4784 in
                      2.305 ac-ft

HYG Volume...          2.305 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration      = 24.0000 hrs     Rain Depth = 8.9600 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 25
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    48.93 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    48.80 cfs
============================================

                DRAINAGE AREA
              -------------------
              ID:SUBAREA F
              CN   =   93
              Area =       4.270 acres
              S    =    .7527 in
              0.2S =    .1505 in

               Cumulative Runoff
              -------------------
                      8.1160 in
                       2.888 ac-ft

HYG Volume...          2.888 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 50 year storm
Duration      = 24.0000 hrs     Rain Depth = 10.2900 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 50
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    56.47 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    56.31 cfs
=============================================

                DRAINAGE AREA
             -------------------
             ID:SUBAREA F
             CN    =   93
             Area =       4.270 acres
             S     =    .7527 in
             0.2S =    .1505 in

              Cumulative Runoff
             -------------------
                     9.4388 in
                      3.359 ac-ft

HYG Volume...          3.359 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

```
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm
Duration      = 24.0000 hrs     Rain Depth = 11.6700 in
Rain Dir      = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
Rain File -ID =  - TypeII  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir       = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Fi
HYG File - ID =  - SUBAREA F 100
Tc (Min. Tc)  = .0833 hrs
Drainage Area = 4.270 acres  Runoff CN= 93

=============================================
Computational Time Increment   =   .01111 hrs
Computed Peak Time             =  11.9175 hrs
Computed Peak Flow             =    64.27 cfs

Time Increment for HYG File    =    .0100 hrs
Peak Time, Interpolated Output =  11.9202 hrs
Peak Flow, Interpolated Output =    64.08 cfs
=============================================

                 DRAINAGE AREA
               -------------------
               ID:SUBAREA F
               CN   =   93
               Area =       4.270 acres
               S    =    .7527 in
               0.2S =    .1505 in

                Cumulative Runoff
               -------------------
                      10.8129 in
                        3.848 ac-ft

HYG Volume...           3.847 ac-ft (area under HYG curve)

***** SCS UNIT HYDROGRAPH PARAMETERS *****

Time Concentration, Tc =   .08330 hrs (ID: SUBAREA F)
Computational Incr, Tm =   .01111 hrs = 0.20000 Tp

Unit Hyd. Shape Factor =  483.432 (37.46% under rising limb)
K =  483.43/645.333,  K =    .7491 (also, K = 2/(1+(Tr/Tp))
Receding/Rising, Tr/Tp =   1.6698 (solved from K =   .7491)

Unit peak,          qp =    58.08 cfs
Unit peak time      Tp =   .05553 hrs
Unit receding limb, Tr =   .22213 hrs
Total unit time,    Tb =   .27767 hrs
```

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
62.33	-----	.8100	.0000	.000	.000
72.18	-----	1.3470	3.2015	10.512	10.512

POND VOLUME EQUATIONS

* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2-EL1) * (Area1 + Area2 + sq.rt.(Area1*Area2))

where: EL1, EL2 = Lower and upper elevations of the increment
Area1,Area2 = Areas computed for EL1, EL2, respectively
Volume = Incremental volume between EL1 and EL2

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 62.33 ft
Increment = .50 ft
Max. Elev.= 72.18 ft

****
OUTLET CONNECTIVITY
****

---> Forward Flow Only (UpStream to DnStream)
<--- Reverse Flow Only (DnStream to UpStream)
<---> Forward and Reverse Both Allowed

Structure	No.		Outfall	E1, ft	E2, ft
Inlet Box	IB	--->	CV	66.500	72.180
Weir-Rectangular	W1	--->	CV	66.000	72.180
Culvert-Box	CV	--->	TW	62.339	72.180
TW SETUP, DS Channel					

OUTLET STRUCTURE INPUT DATA

```
Structure ID       = IB
Structure Type     = Inlet Box
-------------------------------------
# of Openings      =         1
Invert Elev.       =     66.50 ft
Orifice Area       =   64.0000 sq.ft
Orifice Coeff.     =      .600
Weir Length        =     26.00 ft
Weir Coeff.        =     3.330
K, Reverse         =     1.000
Mannings n         =     .0000
Kev,Charged Riser  =      .000
Weir Submergence   = No
```

```
Structure ID       = W1
Structure Type     = Weir-Rectangular
-------------------------------------
# of Openings      =         1
Crest Elev.        =     66.00 ft
Weir Length        =      6.00 ft
Weir Coeff.        =  3.330000

Weir TW effects      (Use adjustment equation)
```

OUTLET STRUCTURE INPUT DATA

```
Structure ID       = CV
Structure Type     = Culvert-Box
-----------------------------------
No. Barrels        =         1
Barrel Height      =      3.00 ft
Barrel Width       =      5.00 ft
Upstream Invert    =     62.34 ft
Dnstream Invert    =     62.04 ft
Horiz. Length      =     98.43 ft
Barrel Length      =     98.43 ft
Barrel Slope       =    .00305 ft/ft

OUTLET CONTROL DATA...
Mannings n         =     .0130
Ke                 =     .0000  (forward entrance loss)
Kb                 =   .005368  (per ft of full flow)
Kr                 =     .5000  (reverse entrance loss)
HW Convergence     =      .001  +/- ft

INLET CONTROL DATA...
Equation form      =         1
Inlet Control K    =     .0098
Inlet Control M    =    2.0000
Inlet Control c    =    .03980
Inlet Control Y    =     .6700
T1 ratio (HW/D)    =     1.206
T2 ratio (HW/D)    =     1.305
Slope Factor       =     -.500

Use unsubmerged inlet control Form 1 equ. below T1 elev.
Use   submerged inlet control Form 1 equ. above T2 elev.

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...
At T1 Elev =     65.96 ft  --->  Flow =     90.93 cfs
At T2 Elev =     66.25 ft  --->  Flow =    103.92 cfs


Structure ID       = TW
Structure Type     = TW SETUP, DS Channel
-----------------------------------
FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...
Maximum Iterations=    30
Min. TW tolerance =    .01 ft
Max. TW tolerance =    .01 ft
Min. HW tolerance =    .01 ft
Max. HW tolerance =    .01 ft
Min.  Q tolerance =    .10 cfs
Max.  Q tolerance =    .10 cfs
```

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = IB (Inlet Box)

Upstream ID = (Pond Water Surface)
DNstream ID = CV (Culvert-Box)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
62.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.34	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.00	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.50	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.83	16.41	66.83	Free	63.97	.000	.000	Free Outfall	
		Weir: H =.33ft						
67.33	65.47	67.33	Free	66.08	.000	.000	Free Outfall	
		Weir: H =.83ft						
67.83	132.80	67.83	67.82	67.82	.000	.000	Free Outfall	
		FULLY CHARGED RISER: ADJUSTED TO WEIR: H =1.33ft						
68.33	*	68.33	68.33	68.33	.000	.000	Free Outfall	
		FULLY CHARGED RISER: ADJUSTED TO WEIR: H =1.83ft						
68.83	*	68.83	68.83	68.83	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
69.33	*	69.33	69.33	69.33	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = IB (Inlet Box)

Upstream ID = (Pond Water Surface)
DNstream ID = CV (Culvert-Box)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
69.83	*	69.83	69.83	69.83	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
70.33	*	70.33	70.33	70.33	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
70.83	*	70.83	70.83	70.83	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
71.33	*	71.33	71.33	71.33	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
71.83	*	71.83	71.83	71.83	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						
72.18	*	72.18	72.18	72.18	.000	.000	Free Outfall	
		FULLY CHARGED RISER, DOWNSTREAM CONTROL: Kev=0. Hev=0.000						

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = W1 (Weir-Rectangular)

Upstream ID = (Pond Water Surface)
DNstream ID = CV (Culvert-Box)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
62.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.34	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.00	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.33	3.75	66.33	Free	62.73	.000	.000	Free Outfall	
		H=.33; Htw=.00; Qfree=3.75;						
66.50	6.95	66.50	Free	62.93	.000	.000	Free Outfall	
		H=.50; Htw=.00; Qfree=6.95;						
66.83	14.69	66.83	Free	63.97	.000	.000	Free Outfall	
		H=.83; Htw=.00; Qfree=14.69;						
67.33	29.11	67.33	66.08	66.08	.000	.000	Free Outfall	
		H=1.33; Htw=.08; Qfree=29.29;						
67.83	7.36	67.83	67.82	67.82	.000	.000	Free Outfall	
		H=1.83; Htw=1.82; Qfree=46.44;						
68.33	*	68.33	68.33	68.33	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
68.83	*	68.83	68.83	68.83	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
69.33	*	69.33	69.33	69.33	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = W1 (Weir-Rectangular)

Upstream ID = (Pond Water Surface)
DNstream ID = CV (Culvert-Box)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
69.83	*	69.83	69.83	69.83	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
70.33	*	70.33	70.33	70.33	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
70.83	*	70.83	70.83	70.83	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
71.33	*	71.33	71.33	71.33	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
71.83	*	71.83	71.83	71.83	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						
72.18	*	72.18	72.18	72.18	.000	.000	Free Outfall	
		FLOW PRECEDENCE SET TO DOWNSTREAM CONTROLLING STRUCTURE						

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = CV (Culvert-Box)

Mannings open channel maximum capacity: 116.40 cfs
UPstream ID's= IB, W1
DNstream ID = TW (Pond Outfall)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
62.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.34	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
62.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
63.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
64.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.33	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
65.83	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.00	.00	...	...	...	...	...	Free Outfall	
		WS below an invert; no flow.						
66.33	3.74	62.73	Free	Free	.000	.004	Free Outfall	
		BACKWATER CONTROL.. Vh= .103ft hwDi= .291ft Lbw= 98.4ft Hev= .00ft						
66.50	6.94	62.93	Free	Free	.000	.004	Free Outfall	
		BACKWATER CONTROL.. Vh= .165ft hwDi= .427ft Lbw= 98.4ft Hev= .00ft						
66.83	31.09	63.97	Free	Free	.000	.014	Free Outfall	
		INLET CONTROL... Equ.1: HW =1.63 dc=1.063 Ac=5.3158						
67.33	96.42	66.08	Free	Free	.000	1.836	Free Outfall	
		INLET CONTROL... Transition: HW =3.74						
67.83	140.17	67.82	Free	Free	.000	.009	Free Outfall	
		INLET CONTROL... Submerged: HW =5.48						
68.33	150.11	68.33	Free	Free	.000	64.228	Free Outfall	
		INLET CONTROL... Submerged: HW =5.99						
68.83	159.24	68.83	Free	Free	.000	148.690	Free Outfall	
		INLET CONTROL... Submerged: HW =6.49						
69.33	167.89	69.33	Free	Free	.000	244.296	Free Outfall	
		INLET CONTROL... Submerged: HW =6.99						

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = CV (Culvert-Box)

Mannings open channel maximum capacity: 116.40 cfs
UPstream ID's= IB, W1
DNstream ID = TW (Pond Outfall)

Pond WS. Elev. ft	Device Q cfs	(into) HW HGL ft	Converge DS HGL ft	Next DS HGL ft	DS HGL Error +/-ft	Q SUM Error +/-cfs	DS Chan. TW ft	TW Error +/-ft
69.83	176.10	69.83	Free	Free	.000	350.023	Free Outfall	
		INLET CONTROL...		Submerged:	HW =7.49			
70.33	183.96	70.33	Free	Free	.000	418.871	Free Outfall	
		INLET CONTROL...		Submerged:	HW =7.99			
70.83	191.47	70.83	Free	Free	.000	449.504	Free Outfall	
		INLET CONTROL...		Submerged:	HW =8.49			
71.33	198.72	71.33	Free	Free	.000	478.253	Free Outfall	
		INLET CONTROL...		Submerged:	HW =8.99			
71.83	205.71	71.83	Free	Free	.000	505.445	Free Outfall	
		INLET CONTROL...		Submerged:	HW =9.49			
72.18	210.48	72.18	Free	Free	.000	523.654	Free Outfall	
		INLET CONTROL...		Submerged:	HW =9.84			

***** COMPOSITE OUTFLOW SUMMARY ****

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
62.33	.00	Free Outfall		(no Q: IB,W1,CV)
62.34	.00	Free Outfall		(no Q: IB,W1,CV)
62.83	.00	Free Outfall		(no Q: IB,W1,CV)
63.33	.00	Free Outfall		(no Q: IB,W1,CV)
63.83	.00	Free Outfall		(no Q: IB,W1,CV)
64.33	.00	Free Outfall		(no Q: IB,W1,CV)
64.83	.00	Free Outfall		(no Q: IB,W1,CV)
65.33	.00	Free Outfall		(no Q: IB,W1,CV)
65.83	.00	Free Outfall		(no Q: IB,W1,CV)
66.00	.00	Free Outfall		(no Q: IB,W1,CV)
66.33	3.74	Free Outfall		W1,CV (no Q: IB)
66.50	6.94	Free Outfall		W1,CV (no Q: IB)
66.83	31.09	Free Outfall		IB,W1,CV
67.33	96.42	Free Outfall		IB,W1,CV
67.83	140.17	Free Outfall		IB,W1,CV
68.33	150.11	Free Outfall		IB,CV (no Q: W1)
68.83	159.24	Free Outfall		IB,CV (no Q: W1)
69.33	167.89	Free Outfall		IB,CV (no Q: W1)
69.83	176.10	Free Outfall		IB,CV (no Q: W1)
70.33	183.96	Free Outfall		IB,CV (no Q: W1)
70.83	191.47	Free Outfall		IB,CV (no Q: W1)
71.33	198.72	Free Outfall		IB,CV (no Q: W1)
71.83	205.71	Free Outfall		IB,CV (no Q: W1)
72.18	210.48	Free Outfall		IB,CV (no Q: W1)

LEVEL POOL ROUTING DATA

HYG Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\
Inflow HYG file = NONE STORED - POND B IN 1
Outflow HYG file = NONE STORED - POND B OUT 1

Pond Node Data = POND B
Pond Volume Data = POND B
Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 64.33 ft
Starting Volume = 1.717 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0100 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
62.33	.00	.000	.8100	.00	.00	.00
62.34	.00	.007	.8104	.00	.00	17.64
62.83	.00	.411	.8340	.00	.00	994.58
63.33	.00	.834	.8583	.00	.00	2018.39
63.83	.00	1.269	.8830	.00	.00	3071.86
64.33	.00	1.717	.9080	.00	.00	4155.41
64.83	.00	2.177	.9334	.00	.00	5269.47
65.33	.00	2.651	.9592	.00	.00	6414.46
65.83	.00	3.137	.9853	.00	.00	7590.80
66.00	.00	3.305	.9942	.00	.00	7997.97
66.33	3.74	3.636	1.0117	.00	3.74	8802.66
66.50	6.94	3.809	1.0208	.00	6.94	9223.93
66.83	31.09	4.148	1.0385	.00	31.09	10070.33
67.33	96.42	4.674	1.0656	.00	96.42	11408.59
67.83	140.17	5.214	1.0931	.00	140.17	12758.33
68.33	150.11	5.768	1.1209	.00	150.11	14107.73
68.83	159.24	6.335	1.1491	.00	159.24	15490.21
69.33	167.89	6.917	1.1777	.00	167.89	16906.54
69.83	176.10	7.513	1.2065	.00	176.10	18357.15
70.33	183.96	8.123	1.2358	.00	183.96	19842.59

LEVEL POOL ROUTING DATA

HYG Dir = C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\
Inflow HYG file = NONE STORED - POND B IN 1
Outflow HYG file = NONE STORED - POND B OUT 1

Pond Node Data = POND B
Pond Volume Data = POND B
Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 64.33 ft
Starting Volume = 1.717 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0100 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
70.83	191.47	8.749	1.2654	.00	191.47	21363.26
71.33	198.72	9.389	1.2953	.00	198.72	22919.68
71.83	205.71	10.044	1.3256	.00	205.71	24512.27
72.18	210.48	10.512	1.3470	.00	210.48	25648.87

SUMMARY FOR HYDROGRAPH ADDITION
at Node: POND B IN

HYG Directory: C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
SITE-B	SUBAREA B		SUBAREA B	1

INFLOWS TO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	SUBAREA B	1	5.283	12.0200	74.47

TOTAL FLOW INTO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	POND B IN	1	5.283	12.0200	74.47

TOTAL NODE INFLOW...
HYG file =
HYG ID = POND B IN
HYG Tag = 1

Peak Discharge = 74.47 cfs
Time to Peak = 12.0200 hrs
HYG Volume = 5.283 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
3.7100	.00	.00	.00	.00	.00
3.7600	.00	.00	.00	.00	.01
3.8100	.01	.01	.01	.01	.01
3.8600	.01	.01	.01	.01	.02
3.9100	.02	.02	.02	.02	.02
3.9600	.02	.02	.03	.03	.03
4.0100	.03	.03	.03	.03	.04
4.0600	.04	.04	.04	.04	.04
4.1100	.04	.05	.05	.05	.05
4.1600	.05	.05	.05	.06	.06
4.2100	.06	.06	.06	.06	.06
4.2600	.07	.07	.07	.07	.07
4.3100	.07	.07	.08	.08	.08
4.3600	.08	.08	.08	.09	.09
4.4100	.09	.09	.09	.09	.09
4.4600	.10	.10	.10	.10	.10
4.5100	.10	.11	.11	.11	.11
4.5600	.11	.11	.12	.12	.12
4.6100	.12	.12	.12	.12	.13
4.6600	.13	.13	.13	.13	.13
4.7100	.14	.14	.14	.14	.14
4.7600	.14	.15	.15	.15	.15
4.8100	.15	.15	.16	.16	.16
4.8600	.16	.16	.16	.17	.17
4.9100	.17	.17	.17	.17	.18
4.9600	.18	.18	.18	.18	.18
5.0100	.19	.19	.19	.19	.19
5.0600	.20	.20	.20	.20	.20
5.1100	.20	.21	.21	.21	.21
5.1600	.21	.21	.22	.22	.22
5.2100	.22	.22	.22	.23	.23

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
5.2600	.23	.23	.23	.24	.24
5.3100	.24	.24	.24	.24	.25
5.3600	.25	.25	.25	.25	.26
5.4100	.26	.26	.26	.26	.26
5.4600	.27	.27	.27	.27	.27
5.5100	.28	.28	.28	.28	.28
5.5600	.28	.29	.29	.29	.29
5.6100	.29	.30	.30	.30	.30
5.6600	.30	.31	.31	.31	.31
5.7100	.31	.31	.32	.32	.32
5.7600	.32	.32	.33	.33	.33
5.8100	.33	.33	.34	.34	.34
5.8600	.34	.34	.34	.35	.35
5.9100	.35	.35	.35	.36	.36
5.9600	.36	.36	.36	.37	.37
6.0100	.37	.37	.37	.38	.38
6.0600	.38	.38	.38	.39	.39
6.1100	.39	.39	.39	.40	.40
6.1600	.40	.40	.40	.41	.41
6.2100	.41	.41	.41	.42	.42
6.2600	.42	.42	.42	.43	.43
6.3100	.43	.43	.43	.44	.44
6.3600	.44	.44	.44	.45	.45
6.4100	.45	.45	.45	.46	.46
6.4600	.46	.46	.46	.47	.47
6.5100	.47	.47	.47	.48	.48
6.5600	.48	.48	.48	.49	.49
6.6100	.49	.49	.49	.50	.50
6.6600	.50	.50	.50	.51	.51
6.7100	.51	.51	.51	.52	.52
6.7600	.52	.52	.53	.53	.53
6.8100	.53	.53	.54	.54	.54
6.8600	.54	.54	.55	.55	.55
6.9100	.55	.55	.56	.56	.56
6.9600	.56	.56	.57	.57	.57
7.0100	.57	.58	.58	.58	.58
7.0600	.58	.59	.59	.59	.59
7.1100	.59	.60	.60	.60	.60
7.1600	.60	.61	.61	.61	.61
7.2100	.62	.62	.62	.62	.62
7.2600	.63	.63	.63	.63	.63
7.3100	.64	.64	.64	.64	.65
7.3600	.65	.65	.65	.65	.66
7.4100	.66	.66	.66	.66	.67
7.4600	.67	.67	.67	.68	.68

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
7.5100	.68	.68	.68	.69	.69
7.5600	.69	.69	.70	.70	.70
7.6100	.70	.70	.71	.71	.71
7.6600	.71	.71	.72	.72	.72
7.7100	.72	.73	.73	.73	.73
7.7600	.73	.74	.74	.74	.74
7.8100	.75	.75	.75	.75	.75
7.8600	.76	.76	.76	.76	.76
7.9100	.77	.77	.77	.77	.78
7.9600	.78	.78	.78	.78	.79
8.0100	.79	.79	.79	.80	.80
8.0600	.80	.80	.81	.81	.81
8.1100	.81	.82	.82	.82	.83
8.1600	.83	.83	.84	.84	.85
8.2100	.85	.85	.86	.86	.87
8.2600	.87	.88	.88	.89	.89
8.3100	.90	.90	.91	.91	.92
8.3600	.92	.93	.93	.94	.94
8.4100	.95	.96	.96	.97	.97
8.4600	.98	.98	.99	.99	1.00
8.5100	1.01	1.01	1.02	1.02	1.03
8.5600	1.03	1.04	1.05	1.05	1.06
8.6100	1.06	1.07	1.08	1.08	1.09
8.6600	1.09	1.10	1.11	1.11	1.12
8.7100	1.12	1.13	1.14	1.14	1.15
8.7600	1.15	1.16	1.17	1.17	1.18
8.8100	1.19	1.19	1.20	1.20	1.21
8.8600	1.22	1.22	1.23	1.24	1.24
8.9100	1.25	1.26	1.26	1.27	1.27
8.9600	1.28	1.29	1.29	1.30	1.31
9.0100	1.31	1.32	1.33	1.33	1.34
9.0600	1.35	1.35	1.36	1.36	1.37
9.1100	1.38	1.38	1.39	1.39	1.40
9.1600	1.40	1.41	1.41	1.42	1.42
9.2100	1.42	1.43	1.43	1.43	1.44
9.2600	1.44	1.44	1.45	1.45	1.45
9.3100	1.46	1.46	1.46	1.47	1.47
9.3600	1.47	1.47	1.48	1.48	1.48
9.4100	1.48	1.49	1.49	1.49	1.49
9.4600	1.49	1.50	1.50	1.50	1.50
9.5100	1.51	1.51	1.51	1.51	1.52
9.5600	1.52	1.52	1.53	1.53	1.53
9.6100	1.54	1.54	1.55	1.55	1.56
9.6600	1.56	1.57	1.57	1.58	1.59
9.7100	1.59	1.60	1.61	1.61	1.62

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
9.7600	1.63	1.64	1.65	1.66	1.66
9.8100	1.67	1.68	1.69	1.70	1.71
9.8600	1.72	1.73	1.74	1.75	1.76
9.9100	1.77	1.78	1.79	1.80	1.81
9.9600	1.82	1.83	1.84	1.85	1.86
10.0100	1.87	1.88	1.89	1.90	1.92
10.0600	1.93	1.94	1.95	1.96	1.97
10.1100	1.98	2.00	2.01	2.02	2.03
10.1600	2.04	2.06	2.07	2.08	2.10
10.2100	2.11	2.12	2.14	2.15	2.17
10.2600	2.18	2.20	2.21	2.22	2.24
10.3100	2.26	2.27	2.29	2.30	2.32
10.3600	2.33	2.35	2.36	2.38	2.39
10.4100	2.41	2.43	2.44	2.46	2.47
10.4600	2.49	2.50	2.52	2.54	2.55
10.5100	2.57	2.59	2.60	2.62	2.64
10.5600	2.65	2.67	2.69	2.71	2.73
10.6100	2.75	2.76	2.78	2.80	2.82
10.6600	2.84	2.87	2.89	2.91	2.93
10.7100	2.95	2.98	3.00	3.02	3.05
10.7600	3.07	3.10	3.12	3.15	3.17
10.8100	3.20	3.22	3.25	3.28	3.30
10.8600	3.33	3.35	3.38	3.41	3.44
10.9100	3.46	3.49	3.52	3.54	3.57
10.9600	3.60	3.63	3.65	3.68	3.71
11.0100	3.74	3.77	3.80	3.83	3.86
11.0600	3.89	3.92	3.96	3.99	4.03
11.1100	4.06	4.10	4.14	4.18	4.22
11.1600	4.26	4.31	4.35	4.40	4.45
11.2100	4.50	4.55	4.61	4.66	4.72
11.2600	4.77	4.83	4.88	4.94	5.00
11.3100	5.06	5.13	5.19	5.25	5.31
11.3600	5.37	5.44	5.50	5.57	5.63
11.4100	5.70	5.76	5.83	5.89	5.96
11.4600	6.03	6.09	6.16	6.24	6.31
11.5100	6.41	6.52	6.63	6.77	6.96
11.5600	7.15	7.36	7.67	7.98	8.29
11.6100	8.75	9.22	9.69	10.29	10.92
11.6600	11.56	12.33	13.20	14.06	15.01
11.7100	16.11	17.20	18.32	19.59	20.86
11.7600	22.12	23.60	25.08	26.57	28.27
11.8100	30.04	31.82	33.76	35.84	37.93
11.8600	40.16	42.74	45.31	47.91	50.79
11.9100	53.67	56.55	59.22	61.85	64.49
11.9600	66.65	68.57	70.49	71.97	72.89

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
12.0100	73.82	74.47	74.23	73.98	73.72
12.0600	72.25	70.78	69.31	67.04	64.58
12.1100	62.11	59.41	56.55	53.68	50.85
12.1600	48.07	45.28	42.55	40.10	37.65
12.2100	35.20	33.23	31.29	29.34	27.78
12.2600	26.36	24.93	23.70	22.64	21.58
12.3100	20.59	19.77	18.96	18.15	17.52
12.3600	16.88	16.24	15.71	15.20	14.69
12.4100	14.24	13.83	13.41	13.02	12.67
12.4600	12.33	11.99	11.69	11.39	11.09
12.5100	10.82	10.56	10.29	10.05	9.82
12.5600	9.59	9.37	9.16	8.96	8.76
12.6100	8.58	8.40	8.22	8.07	7.92
12.6600	7.77	7.64	7.51	7.39	7.28
12.7100	7.18	7.07	6.98	6.89	6.81
12.7600	6.73	6.66	6.60	6.53	6.47
12.8100	6.41	6.35	6.30	6.25	6.19
12.8600	6.14	6.09	6.04	6.00	5.95
12.9100	5.90	5.85	5.81	5.77	5.72
12.9600	5.68	5.64	5.59	5.55	5.51
13.0100	5.46	5.42	5.38	5.34	5.30
13.0600	5.26	5.22	5.19	5.15	5.11
13.1100	5.07	5.04	5.00	4.97	4.94
13.1600	4.91	4.87	4.84	4.81	4.78
13.2100	4.75	4.73	4.70	4.67	4.64
13.2600	4.62	4.59	4.57	4.54	4.52
13.3100	4.50	4.47	4.45	4.42	4.40
13.3600	4.38	4.36	4.33	4.31	4.29
13.4100	4.27	4.24	4.22	4.20	4.18
13.4600	4.15	4.13	4.11	4.09	4.07
13.5100	4.05	4.02	4.00	3.98	3.96
13.5600	3.94	3.92	3.90	3.88	3.85
13.6100	3.83	3.81	3.79	3.77	3.76
13.6600	3.74	3.72	3.70	3.68	3.66
13.7100	3.64	3.63	3.61	3.59	3.58
13.7600	3.56	3.54	3.53	3.51	3.49
13.8100	3.48	3.46	3.44	3.43	3.41
13.8600	3.40	3.38	3.37	3.35	3.33
13.9100	3.32	3.30	3.29	3.27	3.25
13.9600	3.24	3.22	3.21	3.19	3.18
14.0100	3.16	3.15	3.13	3.12	3.10
14.0600	3.09	3.07	3.06	3.05	3.03
14.1100	3.02	3.01	2.99	2.98	2.97
14.1600	2.96	2.95	2.94	2.93	2.92
14.2100	2.91	2.90	2.89	2.88	2.87

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
14.2600	2.87	2.86	2.85	2.84	2.84
14.3100	2.83	2.82	2.82	2.81	2.81
14.3600	2.80	2.79	2.79	2.78	2.77
14.4100	2.77	2.76	2.76	2.75	2.75
14.4600	2.74	2.73	2.73	2.72	2.72
14.5100	2.71	2.71	2.70	2.69	2.69
14.5600	2.68	2.68	2.67	2.67	2.66
14.6100	2.66	2.65	2.65	2.64	2.63
14.6600	2.63	2.62	2.62	2.61	2.61
14.7100	2.60	2.60	2.59	2.59	2.58
14.7600	2.58	2.57	2.57	2.56	2.55
14.8100	2.55	2.54	2.54	2.53	2.53
14.8600	2.52	2.52	2.51	2.51	2.50
14.9100	2.49	2.49	2.48	2.48	2.47
14.9600	2.47	2.46	2.46	2.45	2.45
15.0100	2.44	2.44	2.43	2.42	2.42
15.0600	2.41	2.41	2.40	2.40	2.39
15.1100	2.39	2.38	2.38	2.37	2.37
15.1600	2.36	2.36	2.35	2.34	2.34
15.2100	2.33	2.33	2.32	2.32	2.31
15.2600	2.31	2.30	2.30	2.29	2.28
15.3100	2.28	2.27	2.27	2.26	2.26
15.3600	2.25	2.25	2.24	2.24	2.23
15.4100	2.22	2.22	2.21	2.21	2.20
15.4600	2.20	2.19	2.19	2.18	2.18
15.5100	2.17	2.16	2.16	2.15	2.15
15.5600	2.14	2.14	2.13	2.13	2.12
15.6100	2.12	2.11	2.11	2.10	2.09
15.6600	2.09	2.08	2.08	2.07	2.07
15.7100	2.06	2.06	2.05	2.05	2.04
15.7600	2.04	2.03	2.02	2.02	2.01
15.8100	2.01	2.00	2.00	1.99	1.99
15.8600	1.98	1.98	1.97	1.96	1.96
15.9100	1.95	1.95	1.94	1.94	1.93
15.9600	1.93	1.92	1.92	1.91	1.91
16.0100	1.90	1.89	1.89	1.88	1.88
16.0600	1.87	1.87	1.86	1.86	1.85
16.1100	1.85	1.84	1.84	1.84	1.83
16.1600	1.83	1.82	1.82	1.82	1.81
16.2100	1.81	1.81	1.80	1.80	1.80
16.2600	1.79	1.79	1.79	1.79	1.78
16.3100	1.78	1.78	1.78	1.78	1.77
16.3600	1.77	1.77	1.77	1.76	1.76
16.4100	1.76	1.76	1.76	1.75	1.75
16.4600	1.75	1.75	1.75	1.74	1.74

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5100	1.74	1.74	1.74	1.73	1.73
16.5600	1.73	1.73	1.73	1.72	1.72
16.6100	1.72	1.72	1.72	1.71	1.71
16.6600	1.71	1.71	1.71	1.70	1.70
16.7100	1.70	1.70	1.70	1.69	1.69
16.7600	1.69	1.69	1.69	1.69	1.68
16.8100	1.68	1.68	1.68	1.68	1.67
16.8600	1.67	1.67	1.67	1.67	1.66
16.9100	1.66	1.66	1.66	1.66	1.65
16.9600	1.65	1.65	1.65	1.65	1.64
17.0100	1.64	1.64	1.64	1.64	1.63
17.0600	1.63	1.63	1.63	1.63	1.63
17.1100	1.62	1.62	1.62	1.62	1.62
17.1600	1.61	1.61	1.61	1.61	1.61
17.2100	1.60	1.60	1.60	1.60	1.60
17.2600	1.59	1.59	1.59	1.59	1.59
17.3100	1.58	1.58	1.58	1.58	1.58
17.3600	1.58	1.57	1.57	1.57	1.57
17.4100	1.57	1.56	1.56	1.56	1.56
17.4600	1.56	1.55	1.55	1.55	1.55
17.5100	1.55	1.54	1.54	1.54	1.54
17.5600	1.54	1.53	1.53	1.53	1.53
17.6100	1.53	1.52	1.52	1.52	1.52
17.6600	1.52	1.51	1.51	1.51	1.51
17.7100	1.51	1.51	1.50	1.50	1.50
17.7600	1.50	1.50	1.49	1.49	1.49
17.8100	1.49	1.49	1.48	1.48	1.48
17.8600	1.48	1.48	1.47	1.47	1.47
17.9100	1.47	1.47	1.46	1.46	1.46
17.9600	1.46	1.46	1.45	1.45	1.45
18.0100	1.45	1.45	1.44	1.44	1.44
18.0600	1.44	1.44	1.44	1.43	1.43
18.1100	1.43	1.43	1.43	1.42	1.42
18.1600	1.42	1.42	1.42	1.41	1.41
18.2100	1.41	1.41	1.41	1.40	1.40
18.2600	1.40	1.40	1.40	1.39	1.39
18.3100	1.39	1.39	1.39	1.38	1.38
18.3600	1.38	1.38	1.38	1.38	1.37
18.4100	1.37	1.37	1.37	1.37	1.36
18.4600	1.36	1.36	1.36	1.36	1.35
18.5100	1.35	1.35	1.35	1.35	1.34
18.5600	1.34	1.34	1.34	1.34	1.33
18.6100	1.33	1.33	1.33	1.33	1.32
18.6600	1.32	1.32	1.32	1.32	1.31
18.7100	1.31	1.31	1.31	1.31	1.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
18.7600	1.30	1.30	1.30	1.30	1.30
18.8100	1.29	1.29	1.29	1.29	1.29
18.8600	1.28	1.28	1.28	1.28	1.28
18.9100	1.27	1.27	1.27	1.27	1.27
18.9600	1.26	1.26	1.26	1.26	1.26
19.0100	1.25	1.25	1.25	1.25	1.25
19.0600	1.24	1.24	1.24	1.24	1.24
19.1100	1.23	1.23	1.23	1.23	1.23
19.1600	1.22	1.22	1.22	1.22	1.22
19.2100	1.22	1.21	1.21	1.21	1.21
19.2600	1.21	1.20	1.20	1.20	1.20
19.3100	1.20	1.19	1.19	1.19	1.19
19.3600	1.19	1.18	1.18	1.18	1.18
19.4100	1.18	1.17	1.17	1.17	1.17
19.4600	1.17	1.16	1.16	1.16	1.16
19.5100	1.16	1.15	1.15	1.15	1.15
19.5600	1.15	1.14	1.14	1.14	1.14
19.6100	1.14	1.14	1.13	1.13	1.13
19.6600	1.13	1.13	1.12	1.12	1.12
19.7100	1.12	1.12	1.11	1.11	1.11
19.7600	1.11	1.11	1.10	1.10	1.10
19.8100	1.10	1.10	1.09	1.09	1.09
19.8600	1.09	1.09	1.08	1.08	1.08
19.9100	1.08	1.08	1.07	1.07	1.07
19.9600	1.07	1.07	1.06	1.06	1.06
20.0100	1.06	1.06	1.05	1.05	1.05
20.0600	1.05	1.05	1.05	1.04	1.04
20.1100	1.04	1.04	1.04	1.04	1.04
20.1600	1.03	1.03	1.03	1.03	1.03
20.2100	1.03	1.03	1.03	1.03	1.02
20.2600	1.02	1.02	1.02	1.02	1.02
20.3100	1.02	1.02	1.02	1.02	1.02
20.3600	1.02	1.02	1.02	1.02	1.02
20.4100	1.02	1.02	1.01	1.01	1.01
20.4600	1.01	1.01	1.01	1.01	1.01
20.5100	1.01	1.01	1.01	1.01	1.01
20.5600	1.01	1.01	1.01	1.01	1.01
20.6100	1.01	1.01	1.01	1.01	1.01
20.6600	1.00	1.00	1.00	1.00	1.00
20.7100	1.00	1.00	1.00	1.00	1.00
20.7600	1.00	1.00	1.00	1.00	1.00
20.8100	1.00	1.00	1.00	1.00	1.00
20.8600	1.00	1.00	1.00	1.00	1.00
20.9100	1.00	1.00	.99	.99	.99
20.9600	.99	.99	.99	.99	.99

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
21.0100	.99	.99	.99	.99	.99
21.0600	.99	.99	.99	.99	.99
21.1100	.99	.99	.99	.99	.99
21.1600	.99	.99	.99	.98	.98
21.2100	.98	.98	.98	.98	.98
21.2600	.98	.98	.98	.98	.98
21.3100	.98	.98	.98	.98	.98
21.3600	.98	.98	.98	.98	.98
21.4100	.98	.98	.98	.97	.97
21.4600	.97	.97	.97	.97	.97
21.5100	.97	.97	.97	.97	.97
21.5600	.97	.97	.97	.97	.97
21.6100	.97	.97	.97	.97	.97
21.6600	.97	.97	.97	.97	.96
21.7100	.96	.96	.96	.96	.96
21.7600	.96	.96	.96	.96	.96
21.8100	.96	.96	.96	.96	.96
21.8600	.96	.96	.96	.96	.96
21.9100	.96	.96	.96	.96	.96
21.9600	.96	.95	.95	.95	.95
22.0100	.95	.95	.95	.95	.95
22.0600	.95	.95	.95	.95	.95
22.1100	.95	.95	.95	.95	.95
22.1600	.95	.95	.95	.95	.95
22.2100	.95	.94	.94	.94	.94
22.2600	.94	.94	.94	.94	.94
22.3100	.94	.94	.94	.94	.94
22.3600	.94	.94	.94	.94	.94
22.4100	.94	.94	.94	.94	.94
22.4600	.94	.94	.93	.93	.93
22.5100	.93	.93	.93	.93	.93
22.5600	.93	.93	.93	.93	.93
22.6100	.93	.93	.93	.93	.93
22.6600	.93	.93	.93	.93	.93
22.7100	.93	.93	.93	.92	.92
22.7600	.92	.92	.92	.92	.92
22.8100	.92	.92	.92	.92	.92
22.8600	.92	.92	.92	.92	.92
22.9100	.92	.92	.92	.92	.92
22.9600	.92	.92	.92	.92	.91
23.0100	.91	.91	.91	.91	.91
23.0600	.91	.91	.91	.91	.91
23.1100	.91	.91	.91	.91	.91
23.1600	.91	.91	.91	.91	.91
23.2100	.91	.91	.91	.91	.90

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
23.2600	.90	.90	.90	.90	.90
23.3100	.90	.90	.90	.90	.90
23.3600	.90	.90	.90	.90	.90
23.4100	.90	.90	.90	.90	.90
23.4600	.90	.90	.90	.90	.90
23.5100	.89	.89	.89	.89	.89
23.5600	.89	.89	.89	.89	.89
23.6100	.89	.89	.89	.89	.89
23.6600	.89	.89	.89	.89	.89
23.7100	.89	.89	.89	.89	.89
23.7600	.89	.88	.88	.88	.88
23.8100	.88	.88	.88	.88	.88
23.8600	.88	.88	.88	.88	.88
23.9100	.88	.88	.88	.88	.88
23.9600	.88	.88	.88	.88	.87
24.0100	.87	.87	.86	.85	.84
24.0600	.82	.80	.77	.75	.72
24.1100	.68	.64	.60	.56	.52
24.1600	.48	.44	.41	.37	.33
24.2100	.30	.27	.24	.22	.20
24.2600	.18	.16	.15	.13	.12
24.3100	.11	.10	.09	.08	.07
24.3600	.06	.06	.05	.05	.04
24.4100	.04	.03	.03	.03	.03
24.4600	.02	.02	.02	.02	.01
24.5100	.01	.01	.01	.01	.01
24.5600	.01	.01	.01	.01	.00
24.6100	.00	.00	.00	.00	.00
24.6600	.00	.00	.00	.00	.00

SUMMARY FOR HYDROGRAPH ADDITION
at Node: POND B IN

HYG Directory: C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
SITE-B	SUBAREA B		SUBAREA B	2

INFLOWS TO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	SUBAREA B	2	7.275	12.0200	100.80

TOTAL FLOW INTO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	POND B IN	2	7.275	12.0200	100.80

TOTAL NODE INFLOW...
HYG file =
HYG ID = POND B IN
HYG Tag = 2

Peak Discharge = 100.80 cfs
Time to Peak = 12.0200 hrs
HYG Volume = 7.275 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
2.9500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.01	.01
3.0500	.01	.01	.01	.01	.01
3.1000	.02	.02	.02	.02	.02
3.1500	.02	.03	.03	.03	.03
3.2000	.03	.04	.04	.04	.04
3.2500	.04	.05	.05	.05	.05
3.3000	.05	.06	.06	.06	.06
3.3500	.06	.07	.07	.07	.07
3.4000	.07	.08	.08	.08	.08
3.4500	.09	.09	.09	.09	.09
3.5000	.10	.10	.10	.10	.10
3.5500	.11	.11	.11	.11	.12
3.6000	.12	.12	.12	.12	.13
3.6500	.13	.13	.13	.13	.14
3.7000	.14	.14	.14	.15	.15
3.7500	.15	.15	.15	.16	.16
3.8000	.16	.16	.16	.17	.17
3.8500	.17	.17	.18	.18	.18
3.9000	.18	.18	.19	.19	.19
3.9500	.19	.19	.20	.20	.20
4.0000	.20	.20	.21	.21	.21
4.0500	.21	.22	.22	.22	.22
4.1000	.22	.23	.23	.23	.23
4.1500	.23	.24	.24	.24	.24
4.2000	.25	.25	.25	.25	.26
4.2500	.26	.26	.26	.26	.27
4.3000	.27	.27	.27	.28	.28
4.3500	.28	.28	.29	.29	.29
4.4000	.29	.29	.30	.30	.30
4.4500	.30	.31	.31	.31	.31

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
4.5000	.32	.32	.32	.32	.33
4.5500	.33	.33	.33	.34	.34
4.6000	.34	.34	.35	.35	.35
4.6500	.35	.36	.36	.36	.36
4.7000	.37	.37	.37	.37	.38
4.7500	.38	.38	.38	.39	.39
4.8000	.39	.39	.40	.40	.40
4.8500	.40	.41	.41	.41	.41
4.9000	.42	.42	.42	.42	.43
4.9500	.43	.43	.43	.44	.44
5.0000	.44	.44	.45	.45	.45
5.0500	.45	.46	.46	.46	.46
5.1000	.47	.47	.47	.47	.48
5.1500	.48	.48	.48	.49	.49
5.2000	.49	.50	.50	.50	.50
5.2500	.51	.51	.51	.51	.52
5.3000	.52	.52	.52	.53	.53
5.3500	.53	.53	.54	.54	.54
5.4000	.55	.55	.55	.55	.56
5.4500	.56	.56	.56	.57	.57
5.5000	.57	.57	.58	.58	.58
5.5500	.59	.59	.59	.59	.60
5.6000	.60	.60	.60	.61	.61
5.6500	.61	.62	.62	.62	.62
5.7000	.63	.63	.63	.63	.64
5.7500	.64	.64	.65	.65	.65
5.8000	.65	.66	.66	.66	.66
5.8500	.67	.67	.67	.68	.68
5.9000	.68	.68	.69	.69	.69
5.9500	.70	.70	.70	.70	.71
6.0000	.71	.71	.71	.72	.72
6.0500	.72	.73	.73	.73	.73
6.1000	.74	.74	.74	.75	.75
6.1500	.75	.75	.76	.76	.76
6.2000	.76	.77	.77	.77	.78
6.2500	.78	.78	.78	.79	.79
6.3000	.79	.80	.80	.80	.80
6.3500	.81	.81	.81	.82	.82
6.4000	.82	.82	.83	.83	.83
6.4500	.84	.84	.84	.84	.85
6.5000	.85	.85	.86	.86	.86
6.5500	.86	.87	.87	.87	.88
6.6000	.88	.88	.88	.89	.89
6.6500	.89	.90	.90	.90	.90
6.7000	.91	.91	.91	.92	.92

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
6.7500	.92	.92	.93	.93	.93
6.8000	.94	.94	.94	.95	.95
6.8500	.95	.95	.96	.96	.96
6.9000	.97	.97	.97	.97	.98
6.9500	.98	.98	.99	.99	.99
7.0000	.99	1.00	1.00	1.00	1.01
7.0500	1.01	1.01	1.01	1.02	1.02
7.1000	1.02	1.03	1.03	1.03	1.04
7.1500	1.04	1.04	1.04	1.05	1.05
7.2000	1.05	1.06	1.06	1.06	1.06
7.2500	1.07	1.07	1.07	1.08	1.08
7.3000	1.08	1.08	1.09	1.09	1.09
7.3500	1.10	1.10	1.10	1.11	1.11
7.4000	1.11	1.11	1.12	1.12	1.12
7.4500	1.13	1.13	1.13	1.13	1.14
7.5000	1.14	1.14	1.15	1.15	1.15
7.5500	1.16	1.16	1.16	1.16	1.17
7.6000	1.17	1.17	1.18	1.18	1.18
7.6500	1.19	1.19	1.19	1.19	1.20
7.7000	1.20	1.20	1.21	1.21	1.21
7.7500	1.21	1.22	1.22	1.22	1.23
7.8000	1.23	1.23	1.24	1.24	1.24
7.8500	1.24	1.25	1.25	1.25	1.26
7.9000	1.26	1.26	1.26	1.27	1.27
7.9500	1.27	1.28	1.28	1.28	1.29
8.0000	1.29	1.29	1.29	1.30	1.30
8.0500	1.30	1.31	1.31	1.31	1.32
8.1000	1.32	1.33	1.33	1.34	1.34
8.1500	1.35	1.35	1.36	1.36	1.37
8.2000	1.37	1.38	1.38	1.39	1.40
8.2500	1.40	1.41	1.42	1.43	1.43
8.3000	1.44	1.45	1.45	1.46	1.47
8.3500	1.48	1.49	1.49	1.50	1.51
8.4000	1.52	1.53	1.53	1.54	1.55
8.4500	1.56	1.57	1.57	1.58	1.59
8.5000	1.60	1.61	1.62	1.62	1.63
8.5500	1.64	1.65	1.66	1.67	1.68
8.6000	1.68	1.69	1.70	1.71	1.72
8.6500	1.73	1.74	1.74	1.75	1.76
8.7000	1.77	1.78	1.79	1.80	1.81
8.7500	1.82	1.82	1.83	1.84	1.85
8.8000	1.86	1.87	1.88	1.89	1.90
8.8500	1.91	1.91	1.92	1.93	1.94
8.9000	1.95	1.96	1.97	1.98	1.99
8.9500	2.00	2.01	2.02	2.02	2.03

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
9.0000	2.04	2.05	2.06	2.07	2.08
9.0500	2.09	2.10	2.11	2.11	2.12
9.1000	2.13	2.14	2.15	2.15	2.16
9.1500	2.17	2.18	2.18	2.19	2.19
9.2000	2.20	2.20	2.21	2.21	2.22
9.2500	2.22	2.23	2.23	2.24	2.24
9.3000	2.24	2.25	2.25	2.25	2.26
9.3500	2.26	2.26	2.27	2.27	2.27
9.4000	2.28	2.28	2.28	2.28	2.29
9.4500	2.29	2.29	2.29	2.30	2.30
9.5000	2.30	2.31	2.31	2.31	2.31
9.5500	2.32	2.32	2.33	2.33	2.33
9.6000	2.34	2.34	2.35	2.36	2.36
9.6500	2.37	2.38	2.38	2.39	2.40
9.7000	2.41	2.42	2.43	2.44	2.45
9.7500	2.46	2.47	2.48	2.50	2.51
9.8000	2.52	2.53	2.55	2.56	2.57
9.8500	2.59	2.60	2.61	2.63	2.64
9.9000	2.66	2.67	2.68	2.70	2.71
9.9500	2.73	2.74	2.76	2.77	2.78
10.0000	2.80	2.81	2.83	2.84	2.86
10.0500	2.87	2.89	2.91	2.92	2.94
10.1000	2.95	2.97	2.99	3.00	3.02
10.1500	3.04	3.06	3.08	3.09	3.11
10.2000	3.13	3.15	3.17	3.19	3.21
10.2500	3.23	3.25	3.27	3.29	3.31
10.3000	3.33	3.35	3.38	3.40	3.42
10.3500	3.44	3.46	3.48	3.50	3.53
10.4000	3.55	3.57	3.59	3.62	3.64
10.4500	3.66	3.68	3.70	3.73	3.75
10.5000	3.77	3.80	3.82	3.84	3.87
10.5500	3.89	3.91	3.94	3.96	3.99
10.6000	4.01	4.04	4.07	4.09	4.12
10.6500	4.15	4.18	4.21	4.24	4.27
10.7000	4.30	4.33	4.36	4.40	4.43
10.7500	4.46	4.50	4.53	4.56	4.60
10.8000	4.63	4.67	4.71	4.74	4.78
10.8500	4.82	4.85	4.89	4.93	4.96
10.9000	5.00	5.04	5.08	5.12	5.15
10.9500	5.19	5.23	5.27	5.30	5.34
11.0000	5.38	5.42	5.46	5.50	5.55
11.0500	5.59	5.63	5.68	5.72	5.77
11.1000	5.82	5.87	5.92	5.98	6.03
11.1500	6.09	6.15	6.21	6.27	6.34
11.2000	6.41	6.48	6.55	6.62	6.70

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
11.2500	6.77	6.85	6.93	7.01	7.09
11.3000	7.18	7.26	7.34	7.43	7.51
11.3500	7.60	7.69	7.77	7.86	7.95
11.4000	8.04	8.13	8.22	8.31	8.40
11.4500	8.50	8.59	8.68	8.77	8.87
11.5000	8.97	9.11	9.26	9.41	9.61
11.5500	9.88	10.14	10.44	10.86	11.29
11.6000	11.72	12.37	13.02	13.67	14.51
11.6500	15.39	16.28	17.35	18.55	19.75
11.7000	21.06	22.58	24.09	25.64	27.38
11.7500	29.12	30.86	32.88	34.91	36.94
11.8000	39.25	41.67	44.09	46.71	49.53
11.8500	52.34	55.35	58.81	62.27	65.77
11.9000	69.62	73.47	77.32	80.86	84.36
11.9500	87.86	90.72	93.23	95.75	97.67
12.0000	98.83	100.00	100.80	100.40	100.00
12.0500	99.56	97.52	95.48	93.45	90.34
12.1000	86.99	83.63	79.96	76.08	72.20
12.1500	68.36	64.60	60.84	57.16	53.85
12.2000	50.55	47.24	44.59	41.97	39.36
12.2500	37.25	35.33	33.41	31.75	30.32
12.3000	28.89	27.57	26.47	25.36	24.28
12.3500	23.42	22.56	21.71	21.00	20.31
12.4000	19.63	19.02	18.46	17.90	17.38
12.4500	16.91	16.44	15.99	15.59	15.18
12.5000	14.78	14.43	14.07	13.71	13.39
12.5500	13.08	12.77	12.48	12.21	11.93
12.6000	11.67	11.42	11.18	10.94	10.74
12.6500	10.54	10.33	10.17	10.00	9.83
12.7000	9.69	9.55	9.41	9.28	9.17
12.7500	9.06	8.95	8.86	8.77	8.68
12.8000	8.60	8.53	8.45	8.38	8.30
12.8500	8.23	8.17	8.10	8.04	7.97
12.9000	7.91	7.85	7.78	7.72	7.66
12.9500	7.60	7.55	7.49	7.43	7.38
13.0000	7.32	7.26	7.21	7.15	7.10
13.0500	7.05	6.99	6.94	6.89	6.84
13.1000	6.79	6.74	6.70	6.65	6.60
13.1500	6.56	6.52	6.47	6.43	6.39
13.2000	6.35	6.31	6.28	6.24	6.20
13.2500	6.17	6.13	6.10	6.07	6.03
13.3000	6.00	5.97	5.94	5.91	5.88
13.3500	5.84	5.81	5.78	5.75	5.72
13.4000	5.69	5.66	5.63	5.60	5.57
13.4500	5.54	5.52	5.49	5.46	5.43

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
13.5000	5.40	5.37	5.34	5.31	5.28
13.5500	5.25	5.23	5.20	5.17	5.14
13.6000	5.12	5.09	5.06	5.03	5.01
13.6500	4.98	4.96	4.93	4.91	4.88
13.7000	4.86	4.84	4.81	4.79	4.77
13.7500	4.74	4.72	4.70	4.68	4.66
13.8000	4.63	4.61	4.59	4.57	4.55
13.8500	4.53	4.51	4.48	4.46	4.44
13.9000	4.42	4.40	4.38	4.36	4.34
13.9500	4.32	4.30	4.28	4.26	4.23
14.0000	4.21	4.19	4.17	4.15	4.13
14.0500	4.11	4.10	4.08	4.06	4.04
14.1000	4.02	4.00	3.99	3.97	3.95
14.1500	3.94	3.92	3.91	3.90	3.88
14.2000	3.87	3.86	3.85	3.83	3.82
14.2500	3.81	3.80	3.79	3.78	3.77
14.3000	3.76	3.75	3.74	3.74	3.73
14.3500	3.72	3.71	3.70	3.69	3.69
14.4000	3.68	3.67	3.66	3.65	3.65
14.4500	3.64	3.63	3.62	3.62	3.61
14.5000	3.60	3.59	3.59	3.58	3.57
14.5500	3.56	3.56	3.55	3.54	3.54
14.6000	3.53	3.52	3.51	3.51	3.50
14.6500	3.49	3.48	3.48	3.47	3.46
14.7000	3.46	3.45	3.44	3.43	3.43
14.7500	3.42	3.41	3.41	3.40	3.39
14.8000	3.38	3.38	3.37	3.36	3.36
14.8500	3.35	3.34	3.33	3.33	3.32
14.9000	3.31	3.31	3.30	3.29	3.28
14.9500	3.28	3.27	3.26	3.26	3.25
15.0000	3.24	3.23	3.23	3.22	3.21
15.0500	3.21	3.20	3.19	3.18	3.18
15.1000	3.17	3.16	3.15	3.15	3.14
15.1500	3.13	3.13	3.12	3.11	3.11
15.2000	3.10	3.09	3.08	3.08	3.07
15.2500	3.06	3.05	3.05	3.04	3.03
15.3000	3.03	3.02	3.01	3.00	3.00
15.3500	2.99	2.98	2.98	2.97	2.96
15.4000	2.95	2.95	2.94	2.93	2.92
15.4500	2.92	2.91	2.90	2.90	2.89
15.5000	2.88	2.87	2.87	2.86	2.85
15.5500	2.85	2.84	2.83	2.82	2.82
15.6000	2.81	2.80	2.80	2.79	2.78
15.6500	2.77	2.77	2.76	2.75	2.74
15.7000	2.74	2.73	2.72	2.72	2.71

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
15.7500	2.70	2.69	2.69	2.68	2.67
15.8000	2.67	2.66	2.65	2.64	2.64
15.8500	2.63	2.62	2.61	2.61	2.60
15.9000	2.59	2.59	2.58	2.57	2.56
15.9500	2.56	2.55	2.54	2.54	2.53
16.0000	2.52	2.51	2.51	2.50	2.49
16.0500	2.49	2.48	2.47	2.47	2.46
16.1000	2.45	2.45	2.44	2.43	2.43
16.1500	2.42	2.42	2.41	2.41	2.40
16.2000	2.40	2.40	2.39	2.39	2.38
16.2500	2.38	2.37	2.37	2.37	2.36
16.3000	2.36	2.36	2.36	2.35	2.35
16.3500	2.35	2.34	2.34	2.34	2.33
16.4000	2.33	2.33	2.33	2.32	2.32
16.4500	2.32	2.32	2.31	2.31	2.31
16.5000	2.30	2.30	2.30	2.30	2.29
16.5500	2.29	2.29	2.29	2.28	2.28
16.6000	2.28	2.28	2.27	2.27	2.27
16.6500	2.27	2.26	2.26	2.26	2.26
16.7000	2.25	2.25	2.25	2.24	2.24
16.7500	2.24	2.24	2.23	2.23	2.23
16.8000	2.23	2.22	2.22	2.22	2.22
16.8500	2.21	2.21	2.21	2.21	2.20
16.9000	2.20	2.20	2.20	2.19	2.19
16.9500	2.19	2.19	2.18	2.18	2.18
17.0000	2.18	2.17	2.17	2.17	2.17
17.0500	2.16	2.16	2.16	2.15	2.15
17.1000	2.15	2.15	2.14	2.14	2.14
17.1500	2.14	2.13	2.13	2.13	2.13
17.2000	2.12	2.12	2.12	2.12	2.11
17.2500	2.11	2.11	2.11	2.10	2.10
17.3000	2.10	2.10	2.09	2.09	2.09
17.3500	2.09	2.08	2.08	2.08	2.08
17.4000	2.07	2.07	2.07	2.06	2.06
17.4500	2.06	2.06	2.05	2.05	2.05
17.5000	2.05	2.04	2.04	2.04	2.04
17.5500	2.03	2.03	2.03	2.03	2.02
17.6000	2.02	2.02	2.02	2.01	2.01
17.6500	2.01	2.01	2.00	2.00	2.00
17.7000	2.00	1.99	1.99	1.99	1.99
17.7500	1.98	1.98	1.98	1.98	1.97
17.8000	1.97	1.97	1.96	1.96	1.96
17.8500	1.96	1.95	1.95	1.95	1.95
17.9000	1.94	1.94	1.94	1.94	1.93
17.9500	1.93	1.93	1.93	1.92	1.92

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
18.0000	1.92	1.92	1.91	1.91	1.91
18.0500	1.91	1.90	1.90	1.90	1.89
18.1000	1.89	1.89	1.89	1.88	1.88
18.1500	1.88	1.88	1.87	1.87	1.87
18.2000	1.87	1.86	1.86	1.86	1.86
18.2500	1.85	1.85	1.85	1.85	1.84
18.3000	1.84	1.84	1.84	1.83	1.83
18.3500	1.83	1.83	1.82	1.82	1.82
18.4000	1.82	1.81	1.81	1.81	1.80
18.4500	1.80	1.80	1.80	1.79	1.79
18.5000	1.79	1.79	1.78	1.78	1.78
18.5500	1.78	1.77	1.77	1.77	1.77
18.6000	1.76	1.76	1.76	1.76	1.75
18.6500	1.75	1.75	1.75	1.74	1.74
18.7000	1.74	1.73	1.73	1.73	1.73
18.7500	1.72	1.72	1.72	1.72	1.71
18.8000	1.71	1.71	1.71	1.70	1.70
18.8500	1.70	1.70	1.69	1.69	1.69
18.9000	1.69	1.68	1.68	1.68	1.68
18.9500	1.67	1.67	1.67	1.67	1.66
19.0000	1.66	1.66	1.65	1.65	1.65
19.0500	1.65	1.64	1.64	1.64	1.64
19.1000	1.63	1.63	1.63	1.63	1.62
19.1500	1.62	1.62	1.62	1.61	1.61
19.2000	1.61	1.61	1.60	1.60	1.60
19.2500	1.60	1.59	1.59	1.59	1.58
19.3000	1.58	1.58	1.58	1.57	1.57
19.3500	1.57	1.57	1.56	1.56	1.56
19.4000	1.56	1.55	1.55	1.55	1.55
19.4500	1.54	1.54	1.54	1.54	1.53
19.5000	1.53	1.53	1.53	1.52	1.52
19.5500	1.52	1.52	1.51	1.51	1.51
19.6000	1.51	1.50	1.50	1.50	1.49
19.6500	1.49	1.49	1.49	1.48	1.48
19.7000	1.48	1.48	1.47	1.47	1.47
19.7500	1.47	1.46	1.46	1.46	1.46
19.8000	1.45	1.45	1.45	1.45	1.44
19.8500	1.44	1.44	1.43	1.43	1.43
19.9000	1.43	1.42	1.42	1.42	1.42
19.9500	1.41	1.41	1.41	1.41	1.40
20.0000	1.40	1.40	1.40	1.39	1.39
20.0500	1.39	1.39	1.38	1.38	1.38
20.1000	1.38	1.37	1.37	1.37	1.37
20.1500	1.37	1.37	1.36	1.36	1.36
20.2000	1.36	1.36	1.36	1.36	1.35

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
20.2500	1.35	1.35	1.35	1.35	1.35
20.3000	1.35	1.35	1.35	1.35	1.35
20.3500	1.35	1.34	1.34	1.34	1.34
20.4000	1.34	1.34	1.34	1.34	1.34
20.4500	1.34	1.34	1.34	1.34	1.34
20.5000	1.34	1.34	1.33	1.33	1.33
20.5500	1.33	1.33	1.33	1.33	1.33
20.6000	1.33	1.33	1.33	1.33	1.33
20.6500	1.33	1.33	1.33	1.33	1.33
20.7000	1.33	1.32	1.32	1.32	1.32
20.7500	1.32	1.32	1.32	1.32	1.32
20.8000	1.32	1.32	1.32	1.32	1.32
20.8500	1.32	1.32	1.32	1.32	1.32
20.9000	1.32	1.31	1.31	1.31	1.31
20.9500	1.31	1.31	1.31	1.31	1.31
21.0000	1.31	1.31	1.31	1.31	1.31
21.0500	1.31	1.31	1.31	1.31	1.31
21.1000	1.30	1.30	1.30	1.30	1.30
21.1500	1.30	1.30	1.30	1.30	1.30
21.2000	1.30	1.30	1.30	1.30	1.30
21.2500	1.30	1.30	1.30	1.30	1.30
21.3000	1.29	1.29	1.29	1.29	1.29
21.3500	1.29	1.29	1.29	1.29	1.29
21.4000	1.29	1.29	1.29	1.29	1.29
21.4500	1.29	1.29	1.29	1.29	1.28
21.5000	1.28	1.28	1.28	1.28	1.28
21.5500	1.28	1.28	1.28	1.28	1.28
21.6000	1.28	1.28	1.28	1.28	1.28
21.6500	1.28	1.28	1.28	1.28	1.27
21.7000	1.27	1.27	1.27	1.27	1.27
21.7500	1.27	1.27	1.27	1.27	1.27
21.8000	1.27	1.27	1.27	1.27	1.27
21.8500	1.27	1.27	1.27	1.26	1.26
21.9000	1.26	1.26	1.26	1.26	1.26
21.9500	1.26	1.26	1.26	1.26	1.26
22.0000	1.26	1.26	1.26	1.26	1.26
22.0500	1.26	1.26	1.25	1.25	1.25
22.1000	1.25	1.25	1.25	1.25	1.25
22.1500	1.25	1.25	1.25	1.25	1.25
22.2000	1.25	1.25	1.25	1.25	1.25
22.2500	1.25	1.25	1.24	1.24	1.24
22.3000	1.24	1.24	1.24	1.24	1.24
22.3500	1.24	1.24	1.24	1.24	1.24
22.4000	1.24	1.24	1.24	1.24	1.24
22.4500	1.24	1.23	1.23	1.23	1.23

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
22.5000	1.23	1.23	1.23	1.23	1.23
22.5500	1.23	1.23	1.23	1.23	1.23
22.6000	1.23	1.23	1.23	1.23	1.23
22.6500	1.23	1.22	1.22	1.22	1.22
22.7000	1.22	1.22	1.22	1.22	1.22
22.7500	1.22	1.22	1.22	1.22	1.22
22.8000	1.22	1.22	1.22	1.22	1.22
22.8500	1.21	1.21	1.21	1.21	1.21
22.9000	1.21	1.21	1.21	1.21	1.21
22.9500	1.21	1.21	1.21	1.21	1.21
23.0000	1.21	1.21	1.21	1.21	1.21
23.0500	1.20	1.20	1.20	1.20	1.20
23.1000	1.20	1.20	1.20	1.20	1.20
23.1500	1.20	1.20	1.20	1.20	1.20
23.2000	1.20	1.20	1.20	1.20	1.19
23.2500	1.19	1.19	1.19	1.19	1.19
23.3000	1.19	1.19	1.19	1.19	1.19
23.3500	1.19	1.19	1.19	1.19	1.19
23.4000	1.19	1.19	1.19	1.19	1.18
23.4500	1.18	1.18	1.18	1.18	1.18
23.5000	1.18	1.18	1.18	1.18	1.18
23.5500	1.18	1.18	1.18	1.18	1.18
23.6000	1.18	1.18	1.18	1.17	1.17
23.6500	1.17	1.17	1.17	1.17	1.17
23.7000	1.17	1.17	1.17	1.17	1.17
23.7500	1.17	1.17	1.17	1.17	1.17
23.8000	1.17	1.17	1.17	1.16	1.16
23.8500	1.16	1.16	1.16	1.16	1.16
23.9000	1.16	1.16	1.16	1.16	1.16
23.9500	1.16	1.16	1.16	1.16	1.16
24.0000	1.15	1.15	1.14	1.13	1.12
24.0500	1.10	1.08	1.06	1.02	.98
24.1000	.95	.90	.85	.79	.74
24.1500	.69	.64	.58	.54	.49
24.2000	.44	.40	.36	.32	.29
24.2500	.26	.23	.21	.19	.17
24.3000	.16	.14	.13	.12	.11
24.3500	.09	.08	.08	.07	.06
24.4000	.06	.05	.05	.04	.04
24.4500	.03	.03	.03	.02	.02
24.5000	.02	.02	.02	.01	.01
24.5500	.01	.01	.01	.01	.01
24.6000	.01	.01	.00	.00	.00
24.6500	.00	.00	.00	.00	.00
24.7000	.00	.00			

SUMMARY FOR HYDROGRAPH ADDITION
at Node: POND B IN

HYG Directory: C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
SITE-B	SUBAREA B		SUBAREA B	5

INFLOWS TO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	SUBAREA B	5	10.096	12.0200	137.35

TOTAL FLOW INTO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	POND B IN	5	10.096	12.0200	137.35

TOTAL NODE INFLOW...
HYG file =
HYG ID = POND B IN
HYG Tag = 5

Peak Discharge = 137.35 cfs
Time to Peak = 12.0200 hrs
HYG Volume = 10.096 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
2.2900	.00	.00	.00	.00	.00
2.3400	.00	.00	.01	.01	.01
2.3900	.01	.01	.01	.02	.02
2.4400	.02	.02	.02	.03	.03
2.4900	.03	.04	.04	.04	.04
2.5400	.05	.05	.05	.06	.06
2.5900	.06	.07	.07	.07	.08
2.6400	.08	.08	.08	.09	.09
2.6900	.09	.10	.10	.10	.11
2.7400	.11	.11	.12	.12	.12
2.7900	.13	.13	.13	.14	.14
2.8400	.14	.15	.15	.15	.16
2.8900	.16	.16	.17	.17	.17
2.9400	.18	.18	.18	.19	.19
2.9900	.19	.20	.20	.20	.21
3.0400	.21	.21	.22	.22	.22
3.0900	.23	.23	.23	.24	.24
3.1400	.24	.25	.25	.25	.26
3.1900	.26	.26	.27	.27	.27
3.2400	.28	.28	.28	.29	.29
3.2900	.29	.30	.30	.30	.31
3.3400	.31	.31	.32	.32	.32
3.3900	.33	.33	.33	.33	.34
3.4400	.34	.34	.35	.35	.35
3.4900	.36	.36	.36	.37	.37
3.5400	.37	.38	.38	.38	.39
3.5900	.39	.39	.40	.40	.40
3.6400	.41	.41	.41	.41	.42
3.6900	.42	.42	.43	.43	.43
3.7400	.44	.44	.44	.45	.45
3.7900	.45	.46	.46	.46	.47

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
3.8400	.47	.47	.47	.48	.48
3.8900	.48	.49	.49	.49	.50
3.9400	.50	.50	.51	.51	.51
3.9900	.52	.52	.52	.53	.53
4.0400	.53	.53	.54	.54	.54
4.0900	.55	.55	.55	.56	.56
4.1400	.56	.57	.57	.57	.58
4.1900	.58	.58	.59	.59	.59
4.2400	.60	.60	.60	.61	.61
4.2900	.61	.62	.62	.62	.63
4.3400	.63	.63	.64	.64	.65
4.3900	.65	.65	.66	.66	.66
4.4400	.67	.67	.67	.68	.68
4.4900	.68	.69	.69	.70	.70
4.5400	.70	.71	.71	.71	.72
4.5900	.72	.72	.73	.73	.73
4.6400	.74	.74	.75	.75	.75
4.6900	.76	.76	.76	.77	.77
4.7400	.78	.78	.78	.79	.79
4.7900	.79	.80	.80	.80	.81
4.8400	.81	.82	.82	.82	.83
4.8900	.83	.83	.84	.84	.85
4.9400	.85	.85	.86	.86	.86
4.9900	.87	.87	.88	.88	.88
5.0400	.89	.89	.89	.90	.90
5.0900	.91	.91	.91	.92	.92
5.1400	.92	.93	.93	.94	.94
5.1900	.94	.95	.95	.95	.96
5.2400	.96	.97	.97	.97	.98
5.2900	.98	.98	.99	.99	1.00
5.3400	1.00	1.00	1.01	1.01	1.01
5.3900	1.02	1.02	1.03	1.03	1.03
5.4400	1.04	1.04	1.05	1.05	1.05
5.4900	1.06	1.06	1.06	1.07	1.07
5.5400	1.08	1.08	1.08	1.09	1.09
5.5900	1.10	1.10	1.10	1.11	1.11
5.6400	1.11	1.12	1.12	1.13	1.13
5.6900	1.13	1.14	1.14	1.15	1.15
5.7400	1.15	1.16	1.16	1.17	1.17
5.7900	1.17	1.18	1.18	1.18	1.19
5.8400	1.19	1.20	1.20	1.20	1.21
5.8900	1.21	1.22	1.22	1.22	1.23
5.9400	1.23	1.23	1.24	1.24	1.25
5.9900	1.25	1.25	1.26	1.26	1.27
6.0400	1.27	1.27	1.28	1.28	1.29

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
6.0900	1.29	1.29	1.30	1.30	1.31
6.1400	1.31	1.31	1.32	1.32	1.32
6.1900	1.33	1.33	1.34	1.34	1.34
6.2400	1.35	1.35	1.36	1.36	1.36
6.2900	1.37	1.37	1.38	1.38	1.38
6.3400	1.39	1.39	1.40	1.40	1.40
6.3900	1.41	1.41	1.41	1.42	1.42
6.4400	1.43	1.43	1.43	1.44	1.44
6.4900	1.45	1.45	1.45	1.46	1.46
6.5400	1.47	1.47	1.47	1.48	1.48
6.5900	1.49	1.49	1.49	1.50	1.50
6.6400	1.51	1.51	1.51	1.52	1.52
6.6900	1.53	1.53	1.53	1.54	1.54
6.7400	1.54	1.55	1.55	1.56	1.56
6.7900	1.56	1.57	1.57	1.58	1.58
6.8400	1.58	1.59	1.59	1.60	1.60
6.8900	1.60	1.61	1.61	1.62	1.62
6.9400	1.62	1.63	1.63	1.64	1.64
6.9900	1.64	1.65	1.65	1.66	1.66
7.0400	1.66	1.67	1.67	1.67	1.68
7.0900	1.68	1.69	1.69	1.69	1.70
7.1400	1.70	1.71	1.71	1.71	1.72
7.1900	1.72	1.73	1.73	1.73	1.74
7.2400	1.74	1.75	1.75	1.75	1.76
7.2900	1.76	1.77	1.77	1.77	1.78
7.3400	1.78	1.79	1.79	1.79	1.80
7.3900	1.80	1.81	1.81	1.81	1.82
7.4400	1.82	1.82	1.83	1.83	1.84
7.4900	1.84	1.84	1.85	1.85	1.86
7.5400	1.86	1.86	1.87	1.87	1.88
7.5900	1.88	1.88	1.89	1.89	1.90
7.6400	1.90	1.90	1.91	1.91	1.92
7.6900	1.92	1.92	1.93	1.93	1.94
7.7400	1.94	1.94	1.95	1.95	1.95
7.7900	1.96	1.96	1.97	1.97	1.97
7.8400	1.98	1.98	1.99	1.99	1.99
7.8900	2.00	2.00	2.01	2.01	2.01
7.9400	2.02	2.02	2.03	2.03	2.03
7.9900	2.04	2.04	2.05	2.05	2.05
8.0400	2.06	2.06	2.07	2.07	2.08
8.0900	2.08	2.09	2.09	2.10	2.11
8.1400	2.11	2.12	2.13	2.13	2.14
8.1900	2.15	2.16	2.17	2.18	2.19
8.2400	2.19	2.20	2.21	2.22	2.23
8.2900	2.24	2.26	2.27	2.28	2.29

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
8.3400	2.30	2.31	2.32	2.33	2.34
8.3900	2.36	2.37	2.38	2.39	2.40
8.4400	2.42	2.43	2.44	2.45	2.46
8.4900	2.47	2.49	2.50	2.51	2.52
8.5400	2.54	2.55	2.56	2.57	2.58
8.5900	2.60	2.61	2.62	2.63	2.65
8.6400	2.66	2.67	2.68	2.70	2.71
8.6900	2.72	2.73	2.75	2.76	2.77
8.7400	2.79	2.80	2.81	2.82	2.84
8.7900	2.85	2.86	2.87	2.89	2.90
8.8400	2.91	2.93	2.94	2.95	2.96
8.8900	2.98	2.99	3.00	3.02	3.03
8.9400	3.04	3.06	3.07	3.08	3.10
8.9900	3.11	3.12	3.13	3.15	3.16
9.0400	3.17	3.19	3.20	3.21	3.22
9.0900	3.23	3.25	3.26	3.27	3.28
9.1400	3.29	3.30	3.31	3.31	3.32
9.1900	3.33	3.34	3.34	3.35	3.36
9.2400	3.36	3.37	3.37	3.38	3.38
9.2900	3.39	3.39	3.40	3.40	3.41
9.3400	3.41	3.41	3.42	3.42	3.42
9.3900	3.43	3.43	3.43	3.44	3.44
9.4400	3.44	3.45	3.45	3.45	3.46
9.4900	3.46	3.46	3.46	3.47	3.47
9.5400	3.47	3.48	3.48	3.49	3.49
9.5900	3.50	3.50	3.51	3.52	3.53
9.6400	3.53	3.54	3.55	3.56	3.58
9.6900	3.59	3.60	3.61	3.63	3.64
9.7400	3.66	3.67	3.69	3.70	3.72
9.7900	3.74	3.76	3.77	3.79	3.81
9.8400	3.83	3.85	3.87	3.89	3.91
9.8900	3.92	3.94	3.96	3.98	4.00
9.9400	4.02	4.04	4.06	4.09	4.11
9.9900	4.13	4.15	4.17	4.19	4.21
10.0400	4.23	4.25	4.27	4.30	4.32
10.0900	4.34	4.36	4.39	4.41	4.43
10.1400	4.46	4.48	4.51	4.53	4.56
10.1900	4.58	4.61	4.64	4.67	4.69
10.2400	4.72	4.75	4.78	4.81	4.84
10.2900	4.87	4.89	4.92	4.95	4.98
10.3400	5.01	5.04	5.07	5.10	5.14
10.3900	5.17	5.20	5.23	5.26	5.29
10.4400	5.32	5.35	5.38	5.41	5.45
10.4900	5.48	5.51	5.54	5.57	5.61
10.5400	5.64	5.67	5.70	5.74	5.77

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
10.5900	5.81	5.84	5.88	5.92	5.96
10.6400	5.99	6.03	6.07	6.11	6.16
10.6900	6.20	6.24	6.29	6.33	6.38
10.7400	6.42	6.47	6.51	6.56	6.61
10.7900	6.66	6.71	6.76	6.81	6.86
10.8400	6.91	6.96	7.01	7.06	7.11
10.8900	7.17	7.22	7.27	7.32	7.38
10.9400	7.43	7.48	7.53	7.58	7.64
10.9900	7.69	7.75	7.80	7.86	7.91
11.0400	7.97	8.03	8.09	8.15	8.21
11.0900	8.28	8.35	8.42	8.49	8.56
11.1400	8.64	8.72	8.80	8.89	8.97
11.1900	9.07	9.16	9.26	9.36	9.46
11.2400	9.57	9.67	9.78	9.89	10.00
11.2900	10.11	10.23	10.34	10.46	10.58
11.3400	10.70	10.82	10.94	11.06	11.18
11.3900	11.30	11.42	11.55	11.67	11.80
11.4400	11.92	12.05	12.17	12.30	12.43
11.4900	12.57	12.70	12.89	13.10	13.31
11.5400	13.59	13.96	14.32	14.73	15.33
11.5900	15.93	16.53	17.43	18.34	19.24
11.6400	20.41	21.64	22.87	24.36	26.02
11.6900	27.69	29.51	31.61	33.70	35.84
11.7400	38.24	40.64	43.04	45.81	48.59
11.7900	51.38	54.54	57.85	61.15	64.73
11.8400	68.56	72.39	76.47	81.16	85.85
11.8900	90.58	95.77	100.97	106.17	110.93
11.9400	115.62	120.32	124.12	127.47	130.81
11.9900	133.34	134.84	136.34	137.35	136.73
12.0400	136.10	135.43	132.60	129.77	126.94
12.0900	122.69	118.09	113.49	108.48	103.19
12.1400	97.90	92.68	87.56	82.45	77.44
12.1900	72.95	68.46	63.97	60.37	56.81
12.2400	53.26	50.40	47.79	45.19	42.93
12.2900	40.99	39.05	37.25	35.76	34.26
12.3400	32.80	31.63	30.46	29.30	28.34
12.3900	27.41	26.48	25.66	24.90	24.13
12.4400	23.43	22.80	22.16	21.55	21.01
12.4900	20.46	19.92	19.43	18.95	18.47
12.5400	18.04	17.62	17.20	16.81	16.43
12.5900	16.06	15.70	15.37	15.04	14.72
12.6400	14.45	14.18	13.90	13.68	13.45
12.6900	13.23	13.03	12.84	12.66	12.49
12.7400	12.34	12.18	12.04	11.92	11.80
12.7900	11.68	11.57	11.46	11.36	11.26

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
12.8400	11.17	11.07	10.98	10.89	10.80
12.8900	10.72	10.63	10.55	10.46	10.38
12.9400	10.30	10.22	10.15	10.07	9.99
12.9900	9.91	9.84	9.76	9.69	9.61
13.0400	9.54	9.47	9.40	9.33	9.26
13.0900	9.19	9.13	9.06	9.00	8.93
13.1400	8.87	8.81	8.76	8.70	8.64
13.1900	8.59	8.54	8.48	8.43	8.38
13.2400	8.33	8.29	8.24	8.20	8.15
13.2900	8.11	8.06	8.02	7.98	7.93
13.3400	7.89	7.85	7.81	7.77	7.73
13.3900	7.69	7.65	7.61	7.57	7.53
13.4400	7.49	7.45	7.41	7.37	7.33
13.4900	7.29	7.25	7.21	7.17	7.13
13.5400	7.09	7.06	7.02	6.98	6.94
13.5900	6.91	6.87	6.83	6.80	6.76
13.6400	6.73	6.69	6.66	6.62	6.59
13.6900	6.56	6.53	6.49	6.46	6.43
13.7400	6.40	6.37	6.34	6.31	6.28
13.7900	6.25	6.22	6.19	6.16	6.13
13.8400	6.11	6.08	6.05	6.02	5.99
13.8900	5.96	5.94	5.91	5.88	5.85
13.9400	5.82	5.79	5.77	5.74	5.71
13.9900	5.68	5.66	5.63	5.60	5.57
14.0400	5.55	5.52	5.50	5.47	5.45
14.0900	5.42	5.40	5.37	5.35	5.33
14.1400	5.31	5.29	5.27	5.25	5.23
14.1900	5.21	5.19	5.18	5.16	5.14
14.2400	5.13	5.11	5.10	5.09	5.07
14.2900	5.06	5.05	5.04	5.02	5.01
14.3400	5.00	4.99	4.98	4.97	4.96
14.3900	4.95	4.94	4.92	4.91	4.90
14.4400	4.89	4.88	4.87	4.86	4.85
14.4900	4.84	4.83	4.82	4.81	4.80
14.5400	4.79	4.78	4.77	4.76	4.75
14.5900	4.74	4.73	4.72	4.71	4.70
14.6400	4.69	4.68	4.67	4.66	4.65
14.6900	4.65	4.64	4.63	4.62	4.61
14.7400	4.60	4.59	4.58	4.57	4.56
14.7900	4.55	4.54	4.53	4.52	4.51
14.8400	4.50	4.49	4.48	4.47	4.46
14.8900	4.45	4.44	4.43	4.42	4.41
14.9400	4.40	4.40	4.39	4.38	4.37
14.9900	4.36	4.35	4.34	4.33	4.32
15.0400	4.31	4.30	4.29	4.28	4.27

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
15.0900	4.26	4.25	4.24	4.23	4.22
15.1400	4.21	4.20	4.19	4.18	4.17
15.1900	4.16	4.15	4.14	4.13	4.12
15.2400	4.11	4.10	4.10	4.09	4.08
15.2900	4.07	4.06	4.05	4.04	4.03
15.3400	4.02	4.01	4.00	3.99	3.98
15.3900	3.97	3.96	3.95	3.94	3.93
15.4400	3.92	3.91	3.90	3.89	3.88
15.4900	3.87	3.86	3.85	3.84	3.83
15.5400	3.82	3.81	3.81	3.80	3.79
15.5900	3.78	3.77	3.76	3.75	3.74
15.6400	3.73	3.72	3.71	3.70	3.69
15.6900	3.68	3.67	3.66	3.65	3.64
15.7400	3.63	3.62	3.61	3.60	3.59
15.7900	3.58	3.57	3.56	3.55	3.54
15.8400	3.53	3.52	3.51	3.50	3.49
15.8900	3.49	3.48	3.47	3.46	3.45
15.9400	3.44	3.43	3.42	3.41	3.40
15.9900	3.39	3.38	3.37	3.36	3.35
16.0400	3.34	3.33	3.32	3.31	3.30
16.0900	3.30	3.29	3.28	3.27	3.26
16.1400	3.26	3.25	3.24	3.23	3.23
16.1900	3.22	3.22	3.21	3.20	3.20
16.2400	3.19	3.19	3.18	3.18	3.17
16.2900	3.17	3.16	3.16	3.16	3.15
16.3400	3.15	3.14	3.14	3.14	3.13
16.3900	3.13	3.12	3.12	3.12	3.11
16.4400	3.11	3.11	3.10	3.10	3.09
16.4900	3.09	3.09	3.08	3.08	3.08
16.5400	3.07	3.07	3.07	3.06	3.06
16.5900	3.06	3.05	3.05	3.05	3.04
16.6400	3.04	3.04	3.03	3.03	3.02
16.6900	3.02	3.02	3.01	3.01	3.01
16.7400	3.00	3.00	3.00	2.99	2.99
16.7900	2.99	2.98	2.98	2.98	2.97
16.8400	2.97	2.97	2.96	2.96	2.96
16.8900	2.95	2.95	2.95	2.94	2.94
16.9400	2.94	2.93	2.93	2.93	2.92
16.9900	2.92	2.92	2.91	2.91	2.90
17.0400	2.90	2.90	2.89	2.89	2.89
17.0900	2.88	2.88	2.88	2.87	2.87
17.1400	2.87	2.86	2.86	2.86	2.85
17.1900	2.85	2.85	2.84	2.84	2.83
17.2400	2.83	2.83	2.82	2.82	2.82
17.2900	2.81	2.81	2.81	2.80	2.80

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
17.3400	2.80	2.79	2.79	2.79	2.78
17.3900	2.78	2.78	2.77	2.77	2.77
17.4400	2.76	2.76	2.76	2.75	2.75
17.4900	2.74	2.74	2.74	2.73	2.73
17.5400	2.73	2.72	2.72	2.72	2.71
17.5900	2.71	2.71	2.70	2.70	2.70
17.6400	2.69	2.69	2.69	2.68	2.68
17.6900	2.68	2.67	2.67	2.67	2.66
17.7400	2.66	2.66	2.65	2.65	2.65
17.7900	2.64	2.64	2.63	2.63	2.63
17.8400	2.62	2.62	2.62	2.61	2.61
17.8900	2.61	2.60	2.60	2.60	2.59
17.9400	2.59	2.59	2.58	2.58	2.58
17.9900	2.57	2.57	2.57	2.56	2.56
18.0400	2.55	2.55	2.55	2.54	2.54
18.0900	2.54	2.53	2.53	2.53	2.52
18.1400	2.52	2.52	2.51	2.51	2.51
18.1900	2.50	2.50	2.50	2.49	2.49
18.2400	2.49	2.48	2.48	2.47	2.47
18.2900	2.47	2.46	2.46	2.46	2.45
18.3400	2.45	2.45	2.44	2.44	2.44
18.3900	2.43	2.43	2.43	2.42	2.42
18.4400	2.42	2.41	2.41	2.41	2.40
18.4900	2.40	2.40	2.39	2.39	2.39
18.5400	2.38	2.38	2.38	2.37	2.37
18.5900	2.36	2.36	2.36	2.35	2.35
18.6400	2.35	2.34	2.34	2.34	2.33
18.6900	2.33	2.33	2.32	2.32	2.32
18.7400	2.31	2.31	2.31	2.30	2.30
18.7900	2.30	2.29	2.29	2.28	2.28
18.8400	2.28	2.27	2.27	2.27	2.26
18.8900	2.26	2.26	2.25	2.25	2.25
18.9400	2.24	2.24	2.24	2.23	2.23
18.9900	2.23	2.22	2.22	2.22	2.21
19.0400	2.21	2.20	2.20	2.20	2.19
19.0900	2.19	2.19	2.18	2.18	2.18
19.1400	2.17	2.17	2.17	2.16	2.16
19.1900	2.16	2.15	2.15	2.15	2.14
19.2400	2.14	2.14	2.13	2.13	2.12
19.2900	2.12	2.12	2.11	2.11	2.11
19.3400	2.10	2.10	2.10	2.09	2.09
19.3900	2.09	2.08	2.08	2.08	2.07
19.4400	2.07	2.07	2.06	2.06	2.06
19.4900	2.05	2.05	2.05	2.04	2.04
19.5400	2.04	2.03	2.03	2.03	2.02

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
19.5900	2.02	2.01	2.01	2.01	2.00
19.6400	2.00	2.00	1.99	1.99	1.99
19.6900	1.98	1.98	1.98	1.97	1.97
19.7400	1.97	1.96	1.96	1.96	1.95
19.7900	1.95	1.95	1.94	1.94	1.93
19.8400	1.93	1.93	1.92	1.92	1.92
19.8900	1.91	1.91	1.91	1.90	1.90
19.9400	1.90	1.89	1.89	1.89	1.88
19.9900	1.88	1.88	1.87	1.87	1.87
20.0400	1.86	1.86	1.86	1.85	1.85
20.0900	1.85	1.84	1.84	1.84	1.83
20.1400	1.83	1.83	1.83	1.83	1.82
20.1900	1.82	1.82	1.82	1.82	1.81
20.2400	1.81	1.81	1.81	1.81	1.81
20.2900	1.81	1.81	1.80	1.80	1.80
20.3400	1.80	1.80	1.80	1.80	1.80
20.3900	1.80	1.80	1.80	1.79	1.79
20.4400	1.79	1.79	1.79	1.79	1.79
20.4900	1.79	1.79	1.79	1.79	1.79
20.5400	1.79	1.78	1.78	1.78	1.78
20.5900	1.78	1.78	1.78	1.78	1.78
20.6400	1.78	1.78	1.78	1.78	1.77
20.6900	1.77	1.77	1.77	1.77	1.77
20.7400	1.77	1.77	1.77	1.77	1.77
20.7900	1.77	1.77	1.77	1.77	1.76
20.8400	1.76	1.76	1.76	1.76	1.76
20.8900	1.76	1.76	1.76	1.76	1.76
20.9400	1.76	1.76	1.76	1.76	1.75
20.9900	1.75	1.75	1.75	1.75	1.75
21.0400	1.75	1.75	1.75	1.75	1.75
21.0900	1.75	1.75	1.75	1.74	1.74
21.1400	1.74	1.74	1.74	1.74	1.74
21.1900	1.74	1.74	1.74	1.74	1.74
21.2400	1.74	1.74	1.73	1.73	1.73
21.2900	1.73	1.73	1.73	1.73	1.73
21.3400	1.73	1.73	1.73	1.73	1.73
21.3900	1.73	1.73	1.73	1.72	1.72
21.4400	1.72	1.72	1.72	1.72	1.72
21.4900	1.72	1.72	1.72	1.72	1.72
21.5400	1.72	1.72	1.71	1.71	1.71
21.5900	1.71	1.71	1.71	1.71	1.71
21.6400	1.71	1.71	1.71	1.71	1.71
21.6900	1.71	1.70	1.70	1.70	1.70
21.7400	1.70	1.70	1.70	1.70	1.70
21.7900	1.70	1.70	1.70	1.70	1.70

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
21.8400	1.70	1.69	1.69	1.69	1.69
21.8900	1.69	1.69	1.69	1.69	1.69
21.9400	1.69	1.69	1.69	1.69	1.69
21.9900	1.69	1.68	1.68	1.68	1.68
22.0400	1.68	1.68	1.68	1.68	1.68
22.0900	1.68	1.68	1.68	1.68	1.68
22.1400	1.67	1.67	1.67	1.67	1.67
22.1900	1.67	1.67	1.67	1.67	1.67
22.2400	1.67	1.67	1.67	1.67	1.66
22.2900	1.66	1.66	1.66	1.66	1.66
22.3400	1.66	1.66	1.66	1.66	1.66
22.3900	1.66	1.66	1.66	1.66	1.65
22.4400	1.65	1.65	1.65	1.65	1.65
22.4900	1.65	1.65	1.65	1.65	1.65
22.5400	1.65	1.65	1.65	1.65	1.64
22.5900	1.64	1.64	1.64	1.64	1.64
22.6400	1.64	1.64	1.64	1.64	1.64
22.6900	1.64	1.64	1.63	1.63	1.63
22.7400	1.63	1.63	1.63	1.63	1.63
22.7900	1.63	1.63	1.63	1.63	1.63
22.8400	1.63	1.63	1.62	1.62	1.62
22.8900	1.62	1.62	1.62	1.62	1.62
22.9400	1.62	1.62	1.62	1.62	1.62
22.9900	1.62	1.62	1.61	1.61	1.61
23.0400	1.61	1.61	1.61	1.61	1.61
23.0900	1.61	1.61	1.61	1.61	1.61
23.1400	1.61	1.60	1.60	1.60	1.60
23.1900	1.60	1.60	1.60	1.60	1.60
23.2400	1.60	1.60	1.60	1.60	1.60
23.2900	1.59	1.59	1.59	1.59	1.59
23.3400	1.59	1.59	1.59	1.59	1.59
23.3900	1.59	1.59	1.59	1.59	1.59
23.4400	1.58	1.58	1.58	1.58	1.58
23.4900	1.58	1.58	1.58	1.58	1.58
23.5400	1.58	1.58	1.58	1.58	1.58
23.5900	1.57	1.57	1.57	1.57	1.57
23.6400	1.57	1.57	1.57	1.57	1.57
23.6900	1.57	1.57	1.57	1.56	1.56
23.7400	1.56	1.56	1.56	1.56	1.56
23.7900	1.56	1.56	1.56	1.56	1.56
23.8400	1.56	1.56	1.56	1.55	1.55
23.8900	1.55	1.55	1.55	1.55	1.55
23.9400	1.55	1.55	1.55	1.55	1.55
23.9900	1.55	1.54	1.54	1.53	1.52
24.0400	1.50	1.47	1.45	1.42	1.37

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
24.0900	1.32	1.27	1.20	1.13	1.06
24.1400	.99	.92	.85	.78	.72
24.1900	.65	.59	.54	.48	.43
24.2400	.39	.35	.31	.29	.26
24.2900	.23	.21	.19	.17	.15
24.3400	.14	.13	.11	.10	.09
24.3900	.08	.08	.07	.06	.05
24.4400	.05	.04	.04	.04	.03
24.4900	.03	.03	.02	.02	.02
24.5400	.02	.01	.01	.01	.01
24.5900	.01	.01	.01	.01	.01
24.6400	.00	.00	.00	.00	.00
24.6900	.00	.00	.00	.00	.00

SUMMARY FOR HYDROGRAPH ADDITION
at Node: POND B IN

HYG Directory: C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
SITE-B	SUBAREA B		SUBAREA B	10

INFLOWS TO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	SUBAREA B	10	12.384	12.0200	166.60

TOTAL FLOW INTO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	POND B IN	10	12.384	12.0200	166.60

TOTAL NODE INFLOW...
HYG file =
HYG ID = POND B IN
HYG Tag = 10

Peak Discharge = 166.60 cfs
Time to Peak = 12.0200 hrs
HYG Volume = 12.384 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
1.9500	.00	.00	.00	.00	.00
2.0000	.00	.01	.01	.01	.01
2.0500	.01	.02	.02	.02	.02
2.1000	.03	.03	.03	.04	.04
2.1500	.04	.05	.05	.06	.06
2.2000	.06	.07	.07	.08	.08
2.2500	.08	.09	.09	.10	.10
2.3000	.11	.11	.11	.12	.12
2.3500	.13	.13	.14	.14	.15
2.4000	.15	.15	.16	.16	.17
2.4500	.17	.18	.18	.18	.19
2.5000	.19	.20	.20	.21	.21
2.5500	.22	.22	.22	.23	.23
2.6000	.24	.24	.25	.25	.26
2.6500	.26	.26	.27	.27	.28
2.7000	.28	.29	.29	.30	.30
2.7500	.30	.31	.31	.32	.32
2.8000	.33	.33	.33	.34	.34
2.8500	.35	.35	.36	.36	.36
2.9000	.37	.37	.38	.38	.39
2.9500	.39	.39	.40	.40	.41
3.0000	.41	.42	.42	.42	.43
3.0500	.43	.44	.44	.44	.45
3.1000	.45	.46	.46	.47	.47
3.1500	.47	.48	.48	.49	.49
3.2000	.50	.50	.50	.51	.51
3.2500	.52	.52	.52	.53	.53
3.3000	.54	.54	.55	.55	.55
3.3500	.56	.56	.57	.57	.57
3.4000	.58	.58	.59	.59	.59
3.4500	.60	.60	.61	.61	.61

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
3.5000	.62	.62	.63	.63	.64
3.5500	.64	.64	.65	.65	.66
3.6000	.66	.66	.67	.67	.68
3.6500	.68	.68	.69	.69	.69
3.7000	.70	.70	.71	.71	.72
3.7500	.72	.72	.73	.73	.74
3.8000	.74	.74	.75	.75	.75
3.8500	.76	.76	.77	.77	.77
3.9000	.78	.78	.79	.79	.79
3.9500	.80	.80	.81	.81	.81
4.0000	.82	.82	.82	.83	.83
4.0500	.84	.84	.84	.85	.85
4.1000	.86	.86	.86	.87	.87
4.1500	.88	.88	.88	.89	.89
4.2000	.90	.90	.91	.91	.91
4.2500	.92	.92	.93	.93	.94
4.3000	.94	.94	.95	.95	.96
4.3500	.96	.97	.97	.98	.98
4.4000	.98	.99	.99	1.00	1.00
4.4500	1.01	1.01	1.02	1.02	1.02
4.5000	1.03	1.03	1.04	1.04	1.05
4.5500	1.05	1.06	1.06	1.07	1.07
4.6000	1.07	1.08	1.08	1.09	1.09
4.6500	1.10	1.10	1.11	1.11	1.12
4.7000	1.12	1.13	1.13	1.13	1.14
4.7500	1.14	1.15	1.15	1.16	1.16
4.8000	1.17	1.17	1.18	1.18	1.19
4.8500	1.19	1.19	1.20	1.20	1.21
4.9000	1.21	1.22	1.22	1.23	1.23
4.9500	1.24	1.24	1.25	1.25	1.25
5.0000	1.26	1.26	1.27	1.27	1.28
5.0500	1.28	1.29	1.29	1.30	1.30
5.1000	1.31	1.31	1.32	1.32	1.32
5.1500	1.33	1.33	1.34	1.34	1.35
5.2000	1.35	1.36	1.36	1.37	1.37
5.2500	1.38	1.38	1.39	1.39	1.39
5.3000	1.40	1.40	1.41	1.41	1.42
5.3500	1.42	1.43	1.43	1.44	1.44
5.4000	1.45	1.45	1.46	1.46	1.46
5.4500	1.47	1.47	1.48	1.48	1.49
5.5000	1.49	1.50	1.50	1.51	1.51
5.5500	1.52	1.52	1.53	1.53	1.54
5.6000	1.54	1.54	1.55	1.55	1.56
5.6500	1.56	1.57	1.57	1.58	1.58
5.7000	1.59	1.59	1.60	1.60	1.61

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
5.7500	1.61	1.62	1.62	1.63	1.63
5.8000	1.63	1.64	1.64	1.65	1.65
5.8500	1.66	1.66	1.67	1.67	1.68
5.9000	1.68	1.69	1.69	1.70	1.70
5.9500	1.71	1.71	1.71	1.72	1.72
6.0000	1.73	1.73	1.74	1.74	1.75
6.0500	1.75	1.76	1.76	1.77	1.77
6.1000	1.78	1.78	1.79	1.79	1.80
6.1500	1.80	1.80	1.81	1.81	1.82
6.2000	1.82	1.83	1.83	1.84	1.84
6.2500	1.85	1.85	1.86	1.86	1.87
6.3000	1.87	1.88	1.88	1.89	1.89
6.3500	1.89	1.90	1.90	1.91	1.91
6.4000	1.92	1.92	1.93	1.93	1.94
6.4500	1.94	1.95	1.95	1.96	1.96
6.5000	1.97	1.97	1.98	1.98	1.98
6.5500	1.99	1.99	2.00	2.00	2.01
6.6000	2.01	2.02	2.02	2.03	2.03
6.6500	2.04	2.04	2.05	2.05	2.06
6.7000	2.06	2.07	2.07	2.07	2.08
6.7500	2.08	2.09	2.09	2.10	2.10
6.8000	2.11	2.11	2.12	2.12	2.13
6.8500	2.13	2.14	2.14	2.15	2.15
6.9000	2.15	2.16	2.16	2.17	2.17
6.9500	2.18	2.18	2.19	2.19	2.20
7.0000	2.20	2.21	2.21	2.22	2.22
7.0500	2.23	2.23	2.23	2.24	2.24
7.1000	2.25	2.25	2.26	2.26	2.27
7.1500	2.27	2.28	2.28	2.29	2.29
7.2000	2.30	2.30	2.31	2.31	2.31
7.2500	2.32	2.32	2.33	2.33	2.34
7.3000	2.34	2.35	2.35	2.36	2.36
7.3500	2.37	2.37	2.38	2.38	2.39
7.4000	2.39	2.39	2.40	2.40	2.41
7.4500	2.41	2.42	2.42	2.43	2.43
7.5000	2.44	2.44	2.45	2.45	2.46
7.5500	2.46	2.46	2.47	2.47	2.48
7.6000	2.48	2.49	2.49	2.50	2.50
7.6500	2.51	2.51	2.52	2.52	2.52
7.7000	2.53	2.53	2.54	2.54	2.55
7.7500	2.55	2.56	2.56	2.57	2.57
7.8000	2.58	2.58	2.59	2.59	2.59
7.8500	2.60	2.60	2.61	2.61	2.62
7.9000	2.62	2.63	2.63	2.64	2.64
7.9500	2.65	2.65	2.65	2.66	2.66

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
8.0000	2.67	2.67	2.68	2.68	2.69
8.0500	2.69	2.70	2.70	2.71	2.72
8.1000	2.72	2.73	2.74	2.75	2.75
8.1500	2.76	2.77	2.78	2.79	2.80
8.2000	2.81	2.82	2.83	2.84	2.86
8.2500	2.87	2.88	2.89	2.91	2.92
8.3000	2.93	2.95	2.96	2.97	2.99
8.3500	3.00	3.02	3.03	3.04	3.06
8.4000	3.07	3.09	3.10	3.12	3.13
8.4500	3.15	3.16	3.18	3.19	3.21
8.5000	3.22	3.24	3.25	3.27	3.28
8.5500	3.30	3.31	3.33	3.34	3.36
8.6000	3.37	3.39	3.41	3.42	3.44
8.6500	3.45	3.47	3.48	3.50	3.51
8.7000	3.53	3.55	3.56	3.58	3.59
8.7500	3.61	3.62	3.64	3.66	3.67
8.8000	3.69	3.70	3.72	3.73	3.75
8.8500	3.77	3.78	3.80	3.81	3.83
8.9000	3.85	3.86	3.88	3.89	3.91
8.9500	3.93	3.94	3.96	3.98	3.99
9.0000	4.01	4.02	4.04	4.06	4.07
9.0500	4.09	4.10	4.12	4.13	4.15
9.1000	4.16	4.17	4.19	4.20	4.21
9.1500	4.22	4.23	4.24	4.25	4.26
9.2000	4.27	4.28	4.29	4.29	4.30
9.2500	4.31	4.31	4.32	4.32	4.33
9.3000	4.33	4.34	4.34	4.35	4.35
9.3500	4.36	4.36	4.36	4.37	4.37
9.4000	4.37	4.38	4.38	4.38	4.39
9.4500	4.39	4.39	4.40	4.40	4.40
9.5000	4.41	4.41	4.41	4.42	4.42
9.5500	4.43	4.43	4.44	4.44	4.45
9.6000	4.45	4.46	4.47	4.48	4.49
9.6500	4.50	4.51	4.53	4.54	4.55
9.7000	4.57	4.59	4.60	4.62	4.64
9.7500	4.66	4.68	4.70	4.72	4.74
9.8000	4.76	4.78	4.81	4.83	4.85
9.8500	4.87	4.90	4.92	4.94	4.97
9.9000	4.99	5.02	5.04	5.07	5.09
9.9500	5.12	5.14	5.17	5.19	5.22
10.0000	5.24	5.27	5.29	5.32	5.34
10.0500	5.37	5.40	5.42	5.45	5.48
10.1000	5.51	5.54	5.56	5.59	5.62
10.1500	5.65	5.68	5.72	5.75	5.78
10.2000	5.81	5.85	5.88	5.91	5.95

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
10.2500	5.98	6.02	6.05	6.09	6.12
10.3000	6.16	6.20	6.23	6.27	6.31
10.3500	6.34	6.38	6.42	6.45	6.49
10.4000	6.53	6.57	6.61	6.64	6.68
10.4500	6.72	6.76	6.80	6.83	6.87
10.5000	6.91	6.95	6.99	7.03	7.07
10.5500	7.11	7.15	7.19	7.23	7.28
10.6000	7.32	7.37	7.41	7.46	7.51
10.6500	7.55	7.60	7.65	7.70	7.75
10.7000	7.81	7.86	7.92	7.97	8.03
10.7500	8.09	8.14	8.20	8.26	8.32
10.8000	8.38	8.44	8.50	8.57	8.63
10.8500	8.69	8.75	8.81	8.88	8.94
10.9000	9.00	9.07	9.13	9.20	9.26
10.9500	9.32	9.39	9.45	9.52	9.58
11.0000	9.65	9.71	9.78	9.85	9.92
11.0500	9.99	10.06	10.14	10.21	10.29
11.1000	10.38	10.46	10.55	10.64	10.74
11.1500	10.83	10.94	11.04	11.15	11.26
11.2000	11.38	11.50	11.62	11.75	11.87
11.2500	12.00	12.13	12.26	12.40	12.54
11.3000	12.68	12.82	12.96	13.11	13.25
11.3500	13.40	13.55	13.69	13.84	13.99
11.4000	14.14	14.29	14.44	14.60	14.75
11.4500	14.90	15.05	15.20	15.37	15.53
11.5000	15.70	15.92	16.18	16.44	16.78
11.5500	17.23	17.67	18.18	18.91	19.65
11.6000	20.38	21.49	22.60	23.71	25.13
11.6500	26.64	28.15	29.97	32.01	34.05
11.7000	36.28	38.84	41.40	44.01	46.94
11.7500	49.86	52.79	56.15	59.55	62.94
11.8000	66.78	70.79	74.81	79.14	83.78
11.8500	88.42	93.37	99.03	104.70	110.42
11.9000	116.70	122.97	129.24	134.98	140.63
11.9500	146.29	150.85	154.86	158.86	161.88
12.0000	163.65	165.43	166.60	165.80	165.00
12.0500	164.15	160.69	157.23	153.76	148.59
12.1000	142.99	137.40	131.32	124.90	118.48
12.1500	112.15	105.95	99.75	93.68	88.24
12.2000	82.80	77.36	73.00	68.70	64.39
12.2500	60.93	57.78	54.62	51.89	49.54
12.3000	47.19	45.01	43.20	41.39	39.62
12.3500	38.20	36.79	35.38	34.22	33.10
12.4000	31.97	30.98	30.05	29.13	28.28
12.4500	27.51	26.75	26.01	25.35	24.69

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
12.5000	24.03	23.45	22.86	22.28	21.76
12.5500	21.25	20.75	20.27	19.82	19.37
12.6000	18.94	18.54	18.14	17.76	17.43
12.6500	17.10	16.77	16.49	16.22	15.95
12.7000	15.71	15.49	15.26	15.06	14.87
12.7500	14.69	14.52	14.37	14.22	14.08
12.8000	13.95	13.82	13.69	13.58	13.46
12.8500	13.35	13.24	13.13	13.02	12.92
12.9000	12.82	12.71	12.61	12.52	12.42
12.9500	12.32	12.23	12.14	12.04	11.95
13.0000	11.86	11.77	11.68	11.59	11.50
13.0500	11.41	11.33	11.25	11.16	11.08
13.1000	11.00	10.92	10.84	10.77	10.69
13.1500	10.62	10.55	10.48	10.42	10.35
13.2000	10.29	10.22	10.16	10.10	10.04
13.2500	9.99	9.93	9.88	9.82	9.77
13.3000	9.72	9.66	9.61	9.56	9.51
13.3500	9.46	9.41	9.36	9.31	9.26
13.4000	9.21	9.17	9.12	9.07	9.02
13.4500	8.97	8.93	8.88	8.83	8.78
13.5000	8.74	8.69	8.64	8.59	8.55
13.5500	8.50	8.46	8.41	8.37	8.32
13.6000	8.28	8.23	8.19	8.14	8.10
13.6500	8.06	8.02	7.98	7.94	7.90
13.7000	7.86	7.82	7.78	7.75	7.71
13.7500	7.67	7.64	7.60	7.57	7.53
13.8000	7.49	7.46	7.42	7.39	7.35
13.8500	7.32	7.29	7.25	7.22	7.18
13.9000	7.15	7.12	7.08	7.05	7.01
13.9500	6.98	6.95	6.91	6.88	6.85
14.0000	6.81	6.78	6.75	6.71	6.68
14.0500	6.65	6.62	6.59	6.56	6.53
14.1000	6.50	6.47	6.45	6.42	6.39
14.1500	6.37	6.34	6.32	6.30	6.28
14.2000	6.25	6.23	6.21	6.19	6.18
14.2500	6.16	6.14	6.13	6.11	6.09
14.3000	6.08	6.06	6.05	6.04	6.02
14.3500	6.01	6.00	5.98	5.97	5.96
14.4000	5.94	5.93	5.92	5.90	5.89
14.4500	5.88	5.87	5.85	5.84	5.83
14.5000	5.82	5.81	5.79	5.78	5.77
14.5500	5.76	5.75	5.74	5.72	5.71
14.6000	5.70	5.69	5.68	5.66	5.65
14.6500	5.64	5.63	5.62	5.61	5.59
14.7000	5.58	5.57	5.56	5.55	5.54

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
14.7500	5.53	5.51	5.50	5.49	5.48
14.8000	5.47	5.46	5.44	5.43	5.42
14.8500	5.41	5.40	5.38	5.37	5.36
14.9000	5.35	5.34	5.33	5.32	5.30
14.9500	5.29	5.28	5.27	5.26	5.25
15.0000	5.23	5.22	5.21	5.20	5.19
15.0500	5.18	5.16	5.15	5.14	5.13
15.1000	5.12	5.11	5.09	5.08	5.07
15.1500	5.06	5.05	5.04	5.03	5.01
15.2000	5.00	4.99	4.98	4.97	4.95
15.2500	4.94	4.93	4.92	4.91	4.90
15.3000	4.88	4.87	4.86	4.85	4.84
15.3500	4.83	4.82	4.80	4.79	4.78
15.4000	4.77	4.76	4.74	4.73	4.72
15.4500	4.71	4.70	4.69	4.67	4.66
15.5000	4.65	4.64	4.63	4.62	4.60
15.5500	4.59	4.58	4.57	4.56	4.55
15.6000	4.53	4.52	4.51	4.50	4.49
15.6500	4.48	4.46	4.45	4.44	4.43
15.7000	4.42	4.41	4.39	4.38	4.37
15.7500	4.36	4.35	4.34	4.33	4.31
15.8000	4.30	4.29	4.28	4.27	4.25
15.8500	4.24	4.23	4.22	4.21	4.20
15.9000	4.18	4.17	4.16	4.15	4.14
15.9500	4.13	4.12	4.10	4.09	4.08
16.0000	4.07	4.06	4.05	4.03	4.02
16.0500	4.01	4.00	3.99	3.98	3.97
16.1000	3.96	3.95	3.94	3.93	3.92
16.1500	3.91	3.90	3.89	3.89	3.88
16.2000	3.87	3.86	3.86	3.85	3.84
16.2500	3.84	3.83	3.83	3.82	3.81
16.3000	3.81	3.80	3.80	3.79	3.79
16.3500	3.78	3.78	3.78	3.77	3.77
16.4000	3.76	3.76	3.75	3.75	3.74
16.4500	3.74	3.73	3.73	3.73	3.72
16.5000	3.72	3.71	3.71	3.70	3.70
16.5500	3.70	3.69	3.69	3.68	3.68
16.6000	3.67	3.67	3.67	3.66	3.66
16.6500	3.65	3.65	3.65	3.64	3.64
16.7000	3.63	3.63	3.62	3.62	3.62
16.7500	3.61	3.61	3.60	3.60	3.60
16.8000	3.59	3.59	3.58	3.58	3.57
16.8500	3.57	3.57	3.56	3.56	3.55
16.9000	3.55	3.55	3.54	3.54	3.53
16.9500	3.53	3.53	3.52	3.52	3.51

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
17.0000	3.51	3.50	3.50	3.50	3.49
17.0500	3.49	3.48	3.48	3.47	3.47
17.1000	3.47	3.46	3.46	3.45	3.45
17.1500	3.45	3.44	3.44	3.43	3.43
17.2000	3.42	3.42	3.42	3.41	3.41
17.2500	3.40	3.40	3.40	3.39	3.39
17.3000	3.38	3.38	3.37	3.37	3.37
17.3500	3.36	3.36	3.35	3.35	3.35
17.4000	3.34	3.34	3.33	3.33	3.32
17.4500	3.32	3.32	3.31	3.31	3.30
17.5000	3.30	3.30	3.29	3.29	3.28
17.5500	3.28	3.27	3.27	3.27	3.26
17.6000	3.26	3.25	3.25	3.25	3.24
17.6500	3.24	3.23	3.23	3.22	3.22
17.7000	3.22	3.21	3.21	3.20	3.20
17.7500	3.20	3.19	3.19	3.18	3.18
17.8000	3.18	3.17	3.17	3.16	3.16
17.8500	3.15	3.15	3.15	3.14	3.14
17.9000	3.13	3.13	3.12	3.12	3.12
17.9500	3.11	3.11	3.10	3.10	3.10
18.0000	3.09	3.09	3.08	3.08	3.07
18.0500	3.07	3.07	3.06	3.06	3.05
18.1000	3.05	3.04	3.04	3.04	3.03
18.1500	3.03	3.02	3.02	3.02	3.01
18.2000	3.01	3.00	3.00	3.00	2.99
18.2500	2.99	2.98	2.98	2.97	2.97
18.3000	2.97	2.96	2.96	2.95	2.95
18.3500	2.95	2.94	2.94	2.93	2.93
18.4000	2.92	2.92	2.92	2.91	2.91
18.4500	2.90	2.90	2.89	2.89	2.89
18.5000	2.88	2.88	2.87	2.87	2.87
18.5500	2.86	2.86	2.85	2.85	2.85
18.6000	2.84	2.84	2.83	2.83	2.82
18.6500	2.82	2.82	2.81	2.81	2.80
18.7000	2.80	2.79	2.79	2.79	2.78
18.7500	2.78	2.77	2.77	2.77	2.76
18.8000	2.76	2.75	2.75	2.74	2.74
18.8500	2.74	2.73	2.73	2.72	2.72
18.9000	2.72	2.71	2.71	2.70	2.70
18.9500	2.69	2.69	2.69	2.68	2.68
19.0000	2.67	2.67	2.67	2.66	2.66
19.0500	2.65	2.65	2.64	2.64	2.64
19.1000	2.63	2.63	2.62	2.62	2.62
19.1500	2.61	2.61	2.60	2.60	2.59
19.2000	2.59	2.59	2.58	2.58	2.57

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
19.2500	2.57	2.57	2.56	2.56	2.55
19.3000	2.55	2.54	2.54	2.54	2.53
19.3500	2.53	2.52	2.52	2.52	2.51
19.4000	2.51	2.50	2.50	2.49	2.49
19.4500	2.49	2.48	2.48	2.47	2.47
19.5000	2.46	2.46	2.46	2.45	2.45
19.5500	2.44	2.44	2.44	2.43	2.43
19.6000	2.42	2.42	2.42	2.41	2.41
19.6500	2.40	2.40	2.39	2.39	2.39
19.7000	2.38	2.38	2.37	2.37	2.36
19.7500	2.36	2.36	2.35	2.35	2.34
19.8000	2.34	2.34	2.33	2.33	2.32
19.8500	2.32	2.31	2.31	2.31	2.30
19.9000	2.30	2.29	2.29	2.29	2.28
19.9500	2.28	2.27	2.27	2.26	2.26
20.0000	2.26	2.25	2.25	2.24	2.24
20.0500	2.24	2.23	2.23	2.22	2.22
20.1000	2.22	2.21	2.21	2.21	2.20
20.1500	2.20	2.20	2.20	2.19	2.19
20.2000	2.19	2.19	2.19	2.18	2.18
20.2500	2.18	2.18	2.18	2.17	2.17
20.3000	2.17	2.17	2.17	2.17	2.17
20.3500	2.17	2.17	2.16	2.16	2.16
20.4000	2.16	2.16	2.16	2.16	2.16
20.4500	2.16	2.15	2.15	2.15	2.15
20.5000	2.15	2.15	2.15	2.15	2.15
20.5500	2.15	2.15	2.15	2.14	2.14
20.6000	2.14	2.14	2.14	2.14	2.14
20.6500	2.14	2.14	2.14	2.14	2.13
20.7000	2.13	2.13	2.13	2.13	2.13
20.7500	2.13	2.13	2.13	2.13	2.13
20.8000	2.13	2.13	2.12	2.12	2.12
20.8500	2.12	2.12	2.12	2.12	2.12
20.9000	2.12	2.12	2.12	2.11	2.11
20.9500	2.11	2.11	2.11	2.11	2.11
21.0000	2.11	2.11	2.11	2.11	2.11
21.0500	2.10	2.10	2.10	2.10	2.10
21.1000	2.10	2.10	2.10	2.10	2.10
21.1500	2.10	2.10	2.10	2.09	2.09
21.2000	2.09	2.09	2.09	2.09	2.09
21.2500	2.09	2.09	2.09	2.09	2.08
21.3000	2.08	2.08	2.08	2.08	2.08
21.3500	2.08	2.08	2.08	2.08	2.08
21.4000	2.08	2.08	2.07	2.07	2.07
21.4500	2.07	2.07	2.07	2.07	2.07

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
21.5000	2.07	2.07	2.07	2.06	2.06
21.5500	2.06	2.06	2.06	2.06	2.06
21.6000	2.06	2.06	2.06	2.06	2.06
21.6500	2.05	2.05	2.05	2.05	2.05
21.7000	2.05	2.05	2.05	2.05	2.05
21.7500	2.05	2.05	2.05	2.04	2.04
21.8000	2.04	2.04	2.04	2.04	2.04
21.8500	2.04	2.04	2.04	2.04	2.03
21.9000	2.03	2.03	2.03	2.03	2.03
21.9500	2.03	2.03	2.03	2.03	2.03
22.0000	2.03	2.03	2.02	2.02	2.02
22.0500	2.02	2.02	2.02	2.02	2.02
22.1000	2.02	2.02	2.02	2.01	2.01
22.1500	2.01	2.01	2.01	2.01	2.01
22.2000	2.01	2.01	2.01	2.01	2.01
22.2500	2.00	2.00	2.00	2.00	2.00
22.3000	2.00	2.00	2.00	2.00	2.00
22.3500	2.00	2.00	2.00	1.99	1.99
22.4000	1.99	1.99	1.99	1.99	1.99
22.4500	1.99	1.99	1.99	1.99	1.98
22.5000	1.98	1.98	1.98	1.98	1.98
22.5500	1.98	1.98	1.98	1.98	1.98
22.6000	1.98	1.98	1.97	1.97	1.97
22.6500	1.97	1.97	1.97	1.97	1.97
22.7000	1.97	1.97	1.97	1.96	1.96
22.7500	1.96	1.96	1.96	1.96	1.96
22.8000	1.96	1.96	1.96	1.96	1.96
22.8500	1.95	1.95	1.95	1.95	1.95
22.9000	1.95	1.95	1.95	1.95	1.95
22.9500	1.95	1.95	1.95	1.94	1.94
23.0000	1.94	1.94	1.94	1.94	1.94
23.0500	1.94	1.94	1.94	1.94	1.93
23.1000	1.93	1.93	1.93	1.93	1.93
23.1500	1.93	1.93	1.93	1.93	1.93
23.2000	1.93	1.93	1.92	1.92	1.92
23.2500	1.92	1.92	1.92	1.92	1.92
23.3000	1.92	1.92	1.92	1.91	1.91
23.3500	1.91	1.91	1.91	1.91	1.91
23.4000	1.91	1.91	1.91	1.91	1.91
23.4500	1.90	1.90	1.90	1.90	1.90
23.5000	1.90	1.90	1.90	1.90	1.90
23.5500	1.90	1.90	1.90	1.89	1.89
23.6000	1.89	1.89	1.89	1.89	1.89
23.6500	1.89	1.89	1.89	1.89	1.88
23.7000	1.88	1.88	1.88	1.88	1.88

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
23.7500	1.88	1.88	1.88	1.88	1.88
23.8000	1.88	1.88	1.87	1.87	1.87
23.8500	1.87	1.87	1.87	1.87	1.87
23.9000	1.87	1.87	1.87	1.86	1.86
23.9500	1.86	1.86	1.86	1.86	1.86
24.0000	1.86	1.85	1.84	1.82	1.80
24.0500	1.77	1.74	1.70	1.64	1.58
24.1000	1.52	1.44	1.36	1.28	1.19
24.1500	1.11	1.02	.94	.86	.78
24.2000	.71	.64	.58	.52	.47
24.2500	.42	.38	.34	.31	.28
24.3000	.25	.23	.21	.19	.17
24.3500	.15	.14	.12	.11	.10
24.4000	.09	.08	.07	.07	.06
24.4500	.05	.05	.04	.04	.03
24.5000	.03	.03	.03	.02	.02
24.5500	.02	.02	.01	.01	.01
24.6000	.01	.01	.01	.01	.01
24.6500	.01	.00	.00	.00	.00
24.7000	.00	.00	.00	.00	

SUMMARY FOR HYDROGRAPH ADDITION
at Node: POND B IN

HYG Directory: C:\Documents and Settings\vmg.000\Desktop\Luz Torres\Pond-Final\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
SITE-B	SUBAREA B		SUBAREA B	25

INFLOWS TO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	SUBAREA B	25	15.515	12.0200	206.26

TOTAL FLOW INTO: POND B IN

HYG file	HYG ID	HYG tag	Volume ac-ft	Peak Time hrs	Peak Flow cfs
	POND B IN	25	15.515	12.0200	206.26

TOTAL NODE INFLOW...
HYG file =
HYG ID = POND B IN
HYG Tag = 25

Peak Discharge = 206.26 cfs
Time to Peak = 12.0200 hrs
HYG Volume = 15.515 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
1.6100	.00	.00	.00	.00	.00
1.6600	.00	.01	.01	.01	.01
1.7100	.01	.02	.02	.02	.03
1.7600	.03	.03	.04	.04	.05
1.8100	.05	.06	.06	.07	.07
1.8600	.08	.09	.09	.10	.10
1.9100	.11	.11	.12	.13	.13
1.9600	.14	.14	.15	.16	.16
2.0100	.17	.18	.18	.19	.19
2.0600	.20	.21	.21	.22	.22
2.1100	.23	.24	.24	.25	.26
2.1600	.26	.27	.27	.28	.29
2.2100	.29	.30	.30	.31	.32
2.2600	.32	.33	.34	.34	.35
2.3100	.35	.36	.37	.37	.38
2.3600	.38	.39	.40	.40	.41
2.4100	.41	.42	.43	.43	.44
2.4600	.44	.45	.46	.46	.47
2.5100	.47	.48	.48	.49	.50
2.5600	.50	.51	.51	.52	.53
2.6100	.53	.54	.54	.55	.55
2.6600	.56	.57	.57	.58	.58
2.7100	.59	.59	.60	.61	.61
2.7600	.62	.62	.63	.64	.64
2.8100	.65	.65	.66	.66	.67
2.8600	.67	.68	.69	.69	.70
2.9100	.70	.71	.71	.72	.72
2.9600	.73	.74	.74	.75	.75
3.0100	.76	.76	.77	.77	.78
3.0600	.78	.79	.80	.80	.81
3.1100	.81	.82	.82	.83	.83

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
3.1600	.84	.84	.85	.86	.86
3.2100	.87	.87	.88	.88	.89
3.2600	.89	.90	.90	.91	.91
3.3100	.92	.92	.93	.93	.94
3.3600	.95	.95	.96	.96	.97
3.4100	.97	.98	.98	.99	.99
3.4600	1.00	1.00	1.01	1.01	1.02
3.5100	1.02	1.03	1.03	1.04	1.04
3.5600	1.05	1.05	1.06	1.06	1.07
3.6100	1.07	1.08	1.08	1.09	1.09
3.6600	1.10	1.10	1.11	1.11	1.12
3.7100	1.12	1.13	1.13	1.14	1.14
3.7600	1.15	1.15	1.16	1.16	1.17
3.8100	1.17	1.18	1.18	1.19	1.19
3.8600	1.20	1.20	1.21	1.21	1.22
3.9100	1.22	1.23	1.23	1.24	1.24
3.9600	1.25	1.25	1.26	1.26	1.27
4.0100	1.27	1.28	1.28	1.29	1.29
4.0600	1.30	1.30	1.31	1.31	1.31
4.1100	1.32	1.32	1.33	1.33	1.34
4.1600	1.35	1.35	1.36	1.36	1.37
4.2100	1.37	1.38	1.38	1.39	1.39
4.2600	1.40	1.41	1.41	1.42	1.42
4.3100	1.43	1.43	1.44	1.44	1.45
4.3600	1.46	1.46	1.47	1.47	1.48
4.4100	1.48	1.49	1.50	1.50	1.51
4.4600	1.51	1.52	1.52	1.53	1.54
4.5100	1.54	1.55	1.55	1.56	1.56
4.5600	1.57	1.58	1.58	1.59	1.59
4.6100	1.60	1.60	1.61	1.62	1.62
4.6600	1.63	1.63	1.64	1.65	1.65
4.7100	1.66	1.66	1.67	1.67	1.68
4.7600	1.69	1.69	1.70	1.70	1.71
4.8100	1.71	1.72	1.73	1.73	1.74
4.8600	1.74	1.75	1.76	1.76	1.77
4.9100	1.77	1.78	1.78	1.79	1.80
4.9600	1.80	1.81	1.81	1.82	1.82
5.0100	1.83	1.84	1.84	1.85	1.85
5.0600	1.86	1.87	1.87	1.88	1.88
5.1100	1.89	1.89	1.90	1.91	1.91
5.1600	1.92	1.92	1.93	1.93	1.94
5.2100	1.95	1.95	1.96	1.96	1.97
5.2600	1.98	1.98	1.99	1.99	2.00
5.3100	2.00	2.01	2.02	2.02	2.03
5.3600	2.03	2.04	2.05	2.05	2.06

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
5.4100	2.06	2.07	2.07	2.08	2.09
5.4600	2.09	2.10	2.10	2.11	2.12
5.5100	2.12	2.13	2.13	2.14	2.14
5.5600	2.15	2.16	2.16	2.17	2.17
5.6100	2.18	2.19	2.19	2.20	2.20
5.6600	2.21	2.21	2.22	2.23	2.23
5.7100	2.24	2.24	2.25	2.25	2.26
5.7600	2.27	2.27	2.28	2.28	2.29
5.8100	2.30	2.30	2.31	2.31	2.32
5.8600	2.32	2.33	2.34	2.34	2.35
5.9100	2.35	2.36	2.36	2.37	2.38
5.9600	2.38	2.39	2.39	2.40	2.41
6.0100	2.41	2.42	2.42	2.43	2.43
6.0600	2.44	2.45	2.45	2.46	2.46
6.1100	2.47	2.47	2.48	2.49	2.49
6.1600	2.50	2.50	2.51	2.51	2.52
6.2100	2.53	2.53	2.54	2.54	2.55
6.2600	2.56	2.56	2.57	2.57	2.58
6.3100	2.58	2.59	2.60	2.60	2.61
6.3600	2.61	2.62	2.62	2.63	2.64
6.4100	2.64	2.65	2.65	2.66	2.66
6.4600	2.67	2.68	2.68	2.69	2.69
6.5100	2.70	2.70	2.71	2.72	2.72
6.5600	2.73	2.73	2.74	2.74	2.75
6.6100	2.76	2.76	2.77	2.77	2.78
6.6600	2.78	2.79	2.80	2.80	2.81
6.7100	2.81	2.82	2.82	2.83	2.84
6.7600	2.84	2.85	2.85	2.86	2.86
6.8100	2.87	2.88	2.88	2.89	2.89
6.8600	2.90	2.90	2.91	2.92	2.92
6.9100	2.93	2.93	2.94	2.94	2.95
6.9600	2.96	2.96	2.97	2.97	2.98
7.0100	2.98	2.99	3.00	3.00	3.01
7.0600	3.01	3.02	3.02	3.03	3.03
7.1100	3.04	3.05	3.05	3.06	3.06
7.1600	3.07	3.07	3.08	3.09	3.09
7.2100	3.10	3.10	3.11	3.11	3.12
7.2600	3.12	3.13	3.14	3.14	3.15
7.3100	3.15	3.16	3.16	3.17	3.18
7.3600	3.18	3.19	3.19	3.20	3.20
7.4100	3.21	3.21	3.22	3.23	3.23
7.4600	3.24	3.24	3.25	3.25	3.26
7.5100	3.27	3.27	3.28	3.28	3.29
7.5600	3.29	3.30	3.30	3.31	3.32
7.6100	3.32	3.33	3.33	3.34	3.34

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
7.6600	3.35	3.35	3.36	3.37	3.37
7.7100	3.38	3.38	3.39	3.39	3.40
7.7600	3.40	3.41	3.42	3.42	3.43
7.8100	3.43	3.44	3.44	3.45	3.45
7.8600	3.46	3.46	3.47	3.48	3.48
7.9100	3.49	3.49	3.50	3.50	3.51
7.9600	3.51	3.52	3.53	3.53	3.54
8.0100	3.54	3.55	3.55	3.56	3.57
8.0600	3.57	3.58	3.59	3.60	3.60
8.1100	3.61	3.62	3.63	3.64	3.65
8.1600	3.66	3.67	3.69	3.70	3.71
8.2100	3.73	3.74	3.75	3.77	3.78
8.2600	3.80	3.82	3.83	3.85	3.87
8.3100	3.88	3.90	3.92	3.94	3.95
8.3600	3.97	3.99	4.01	4.03	4.04
8.4100	4.06	4.08	4.10	4.12	4.14
8.4600	4.16	4.18	4.19	4.21	4.23
8.5100	4.25	4.27	4.29	4.31	4.33
8.5600	4.35	4.37	4.39	4.41	4.43
8.6100	4.45	4.46	4.48	4.50	4.52
8.6600	4.54	4.56	4.58	4.60	4.62
8.7100	4.64	4.66	4.68	4.70	4.72
8.7600	4.74	4.76	4.78	4.80	4.82
8.8100	4.84	4.86	4.88	4.90	4.92
8.8600	4.94	4.96	4.98	5.00	5.02
8.9100	5.04	5.06	5.08	5.10	5.12
8.9600	5.14	5.16	5.18	5.20	5.22
9.0100	5.24	5.26	5.28	5.30	5.32
9.0600	5.34	5.36	5.37	5.39	5.41
9.1100	5.43	5.44	5.46	5.47	5.49
9.1600	5.50	5.51	5.52	5.53	5.54
9.2100	5.55	5.56	5.57	5.58	5.59
9.2600	5.60	5.60	5.61	5.61	5.62
9.3100	5.62	5.63	5.63	5.64	5.64
9.3600	5.65	5.65	5.66	5.66	5.66
9.4100	5.67	5.67	5.67	5.68	5.68
9.4600	5.68	5.69	5.69	5.69	5.70
9.5100	5.70	5.70	5.71	5.71	5.72
9.5600	5.72	5.73	5.74	5.74	5.75
9.6100	5.76	5.77	5.78	5.79	5.81
9.6600	5.82	5.84	5.86	5.87	5.89
9.7100	5.91	5.93	5.96	5.98	6.00
9.7600	6.03	6.05	6.08	6.10	6.13
9.8100	6.16	6.19	6.22	6.24	6.27
9.8600	6.30	6.33	6.36	6.39	6.42

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
9.9100	6.45	6.48	6.51	6.54	6.57
9.9600	6.61	6.64	6.67	6.70	6.73
10.0100	6.76	6.80	6.83	6.86	6.89
10.0600	6.93	6.96	6.99	7.03	7.06
10.1100	7.10	7.13	7.17	7.21	7.25
10.1600	7.28	7.32	7.36	7.40	7.44
10.2100	7.49	7.53	7.57	7.61	7.66
10.2600	7.70	7.74	7.79	7.83	7.88
10.3100	7.93	7.97	8.02	8.06	8.11
10.3600	8.16	8.20	8.25	8.30	8.34
10.4100	8.39	8.44	8.48	8.53	8.58
10.4600	8.63	8.67	8.72	8.77	8.82
10.5100	8.87	8.92	8.97	9.02	9.07
10.5600	9.12	9.17	9.22	9.27	9.33
10.6100	9.38	9.44	9.50	9.56	9.62
10.6600	9.68	9.74	9.80	9.87	9.93
10.7100	10.00	10.07	10.14	10.21	10.28
10.7600	10.35	10.43	10.50	10.57	10.65
10.8100	10.73	10.80	10.88	10.96	11.03
10.8600	11.11	11.19	11.27	11.34	11.42
10.9100	11.50	11.58	11.66	11.74	11.82
10.9600	11.90	11.98	12.06	12.14	12.22
11.0100	12.31	12.39	12.48	12.56	12.65
11.0600	12.74	12.83	12.93	13.03	13.13
11.1100	13.24	13.35	13.46	13.58	13.70
11.1600	13.83	13.96	14.09	14.23	14.38
11.2100	14.53	14.68	14.84	14.99	15.15
11.2600	15.32	15.48	15.65	15.83	16.00
11.3100	16.18	16.36	16.54	16.72	16.90
11.3600	17.08	17.26	17.44	17.63	17.82
11.4100	18.00	18.19	18.38	18.57	18.76
11.4600	18.95	19.14	19.34	19.54	19.75
11.5100	20.03	20.35	20.68	21.10	21.66
11.5600	22.21	22.85	23.76	24.68	25.59
11.6100	26.98	28.37	29.75	31.53	33.42
11.6600	35.30	37.57	40.11	42.65	45.43
11.7100	48.62	51.81	55.07	58.71	62.35
11.7600	65.98	70.16	74.37	78.58	83.34
11.8100	88.32	93.29	98.65	104.39	110.13
11.8600	116.24	123.24	130.24	137.30	145.04
11.9100	152.77	160.51	167.56	174.52	181.47
11.9600	187.08	191.98	196.89	200.57	202.71
12.0100	204.86	206.26	205.23	204.19	203.09
12.0600	198.77	194.46	190.14	183.71	176.77
12.1100	169.83	162.30	154.35	146.41	138.57

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0100 hrs
Time on left represents time for first value in each row.

Time hrs					
12.1600	130.90	123.23	115.71	108.99	102.26
12.2100	95.54	90.15	84.83	79.50	75.23
12.2600	71.33	67.42	64.05	61.14	58.24
12.3100	55.55	53.31	51.07	48.88	47.13
12.3600	45.39	43.64	42.21	40.82	39.42
12.4100	38.20	37.06	35.92	34.87	33.92
12.4600	32.98	32.07	31.25	30.43	29.62
12.5100	28.90	28.18	27.46	26.82	26.19
12.5600	25.56	24.98	24.42	23.86	23.33
12.6100	22.84	22.35	21.88	21.47	21.06
12.6600	20.66	20.32	19.99	19.65	19.36
12.7100	19.08	18.80	18.55	18.32	18.10
12.7600	17.88	17.70	17.52	17.34	17.18
12.8100	17.03	16.87	16.72	16.58	16.44
12.8600	16.30	16.17	16.04	15.91	15.78
12.9100	15.66	15.53	15.41	15.29	15.18
12.9600	15.06	14.95	14.83	14.72	14.60
13.0100	14.49	14.38	14.27	14.16	14.05
13.0600	13.95	13.85	13.75	13.65	13.55
13.1100	13.45	13.35	13.26	13.17	13.08
13.1600	12.99	12.91	12.83	12.75	12.67
13.2100	12.59	12.51	12.44	12.37	12.30
13.2600	12.23	12.16	12.09	12.03	11.96
13.3100	11.90	11.84	11.77	11.71	11.65
13.3600	11.59	11.53	11.47	11.41	11.35
13.4100	11.29	11.22	11.16	11.11	11.05
13.4600	10.99	10.93	10.87	10.81	10.76
13.5100	10.70	10.64	10.58	10.52	10.47
13.5600	10.41	10.35	10.30	10.24	10.19
13.6100	10.13	10.08	10.03	9.98	9.92
13.6600	9.87	9.82	9.78	9.73	9.68
13.7100	9.63	9.58	9.54	9.49	9.45
13.7600	9.40	9.36	9.31	9.27	9.23
13.8100	9.18	9.14	9.10	9.05	9.01
13.8600	8.97	8.93	8.88	8.84	8.80
13.9100	8.76	8.72	8.68	8.63	8.59
13.9600	8.55	8.51	8.47	8.43	8.39
14.0100	8.34	8.30	8.26	8.22	8.19
14.0600	8.15	8.11	8.07	8.04	8.00
14.1100	7.97	7.93	7.90	7.87	7.84
14.1600	7.81	7.78	7.75	7.72	7.70
14.2100	7.67	7.65	7.62	7.60	7.58
14.2600	7.56	7.54	7.52	7.50	7.48
14.3100	7.46	7.45	7.43	7.41	7.40
14.3600	7.38	7.36	7.35	7.33	7.31