

Attachment D

CD – Routing Data

ICPR3.1 and Ponds 3.2

(Copies of the ICPR3.1 and Ponds 3.2 model input and output files are provided only in electronic format on the compact disc provided in the front of Volume 1 of this SCA.)



Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Nodes

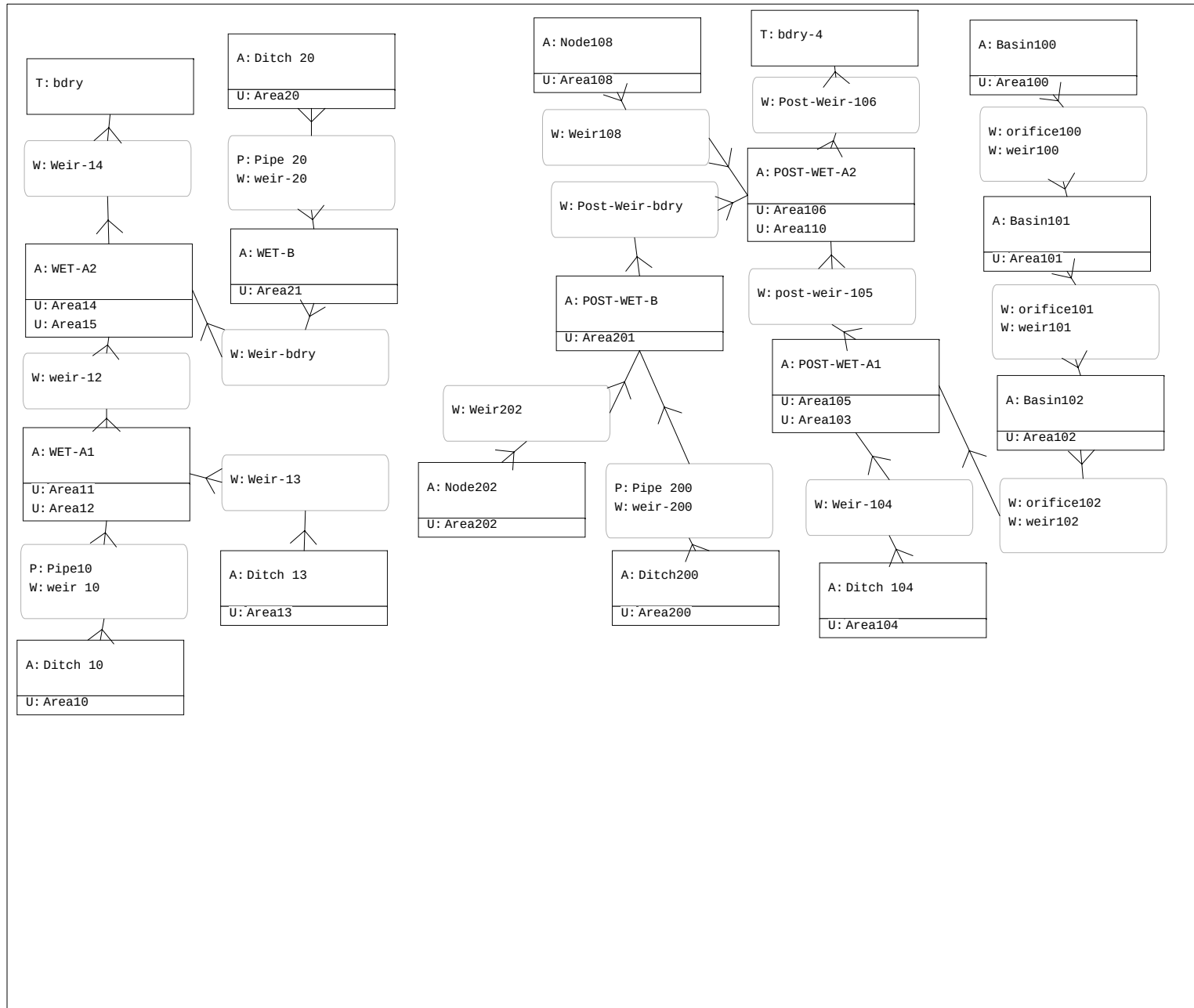
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins

O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links

P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Eng, Denman & Associates
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=====
==== Basins =====
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Name: Area10	Node: Ditch 10	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 60.00	
Area(ac): 29.142	Time Shift(hrs): 0.00	
Curve Number: 63.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area100	Node: Basin100	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 20.00	
Area(ac): 15.376	Time Shift(hrs): 0.00	
Curve Number: 90.80	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area101	Node: Basin101	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 18.00	
Area(ac): 16.816	Time Shift(hrs): 0.00	
Curve Number: 89.60	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area102	Node: Basin102	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 18.00	
Area(ac): 18.715	Time Shift(hrs): 0.00	
Curve Number: 92.30	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area103	Node: POST-WET-A1	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 23.00	
Area(ac): 1.942	Time Shift(hrs): 0.00	
Curve Number: 76.70	Max Allowable Q(cfs): 999999.000	

DCIA(%): 0.00

Name: Area104	Node: Ditch 104	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 23.00	
Area(ac): 2.015	Time Shift(hrs): 0.00	
Curve Number: 64.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area105	Node: POST-WET-A1	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 36.00	
Area(ac): 11.726	Time Shift(hrs): 0.00	
Curve Number: 87.90	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area106	Node: POST-WET-A2	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 41.00	
Area(ac): 13.460	Time Shift(hrs): 0.00	
Curve Number: 77.10	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area108	Node: Node108	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 34.00	
Area(ac): 2.415	Time Shift(hrs): 0.00	
Curve Number: 66.20	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area11	Node: WET-A1	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 16.00	
Area(ac): 3.435	Time Shift(hrs): 0.00	
Curve Number: 76.80	Max Allowable Q(cfs): 999999.000	

DCIA(%): 0.00

Name: Area110	Node: POST-WET-A2	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 28.00	
Area(ac): 0.977	Time Shift(hrs): 0.00	
Curve Number: 64.70	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area12	Node: WET-A1	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 40.00	
Area(ac): 16.427	Time Shift(hrs): 0.00	
Curve Number: 82.70	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area13	Node: Ditch 13	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 23.00	
Area(ac): 2.015	Time Shift(hrs): 0.00	
Curve Number: 64.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area14	Node: WET-A2	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 49.00	
Area(ac): 19.802	Time Shift(hrs): 0.00	
Curve Number: 72.60	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area15	Node: WET-A2	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 31.00	
Area(ac): 3.399	Time Shift(hrs): 0.00	
Curve Number: 57.80	Max Allowable Q(cfs): 999999.000	

DCIA(%): 0.00

Name: Area20	Node: Ditch 20	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 55.00	
Area(ac): 14.469	Time Shift(hrs): 0.00	
Curve Number: 56.70	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area200	Node: Ditch200	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 10.00	
Area(ac): 5.587	Time Shift(hrs): 0.00	
Curve Number: 59.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area201	Node: POST-WET-B	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 31.00	
Area(ac): 11.975	Time Shift(hrs): 0.00	
Curve Number: 67.10	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area202	Node: Node202	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 13.00	
Area(ac): 1.034	Time Shift(hrs): 0.00	
Curve Number: 87.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area21	Node: WET-B	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 31.00	
Area(ac): 11.401	Time Shift(hrs): 0.00	
Curve Number: 67.80	Max Allowable Q(cfs): 999999.000	

DCIA(%): 0.00

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Nodes=====
```

Name: Basin100	Base Flow(cfs): 0.000	Init Stage(ft): 180.750
Group: BASE		Warn Stage(ft): 183.250
Type: Stage/Area		

Stage(ft)	Area(ac)
180.750	4.1170
181.000	4.1570
182.000	4.3130
183.000	4.4700
183.250	4.5100

```
Name: Basin101          Base Flow(cfs): 0.000          Init Stage(ft): 180.250
Group: BASE              Warn Stage(ft): 182.750
Type: Stage/Area
```

Stage(ft)	Area(ac)
180.250	4.1600
181.000	4.2880
182.000	4.4600
182.750	4.5880

```
Name: Basin102          Base Flow(cfs): 0.000          Init Stage(ft): 178.000
Group: BASE             Warn Stage(ft): 181.000
Type: Stage/Area
```

Stage(ft)	Area(ac)
178.000	4.8030
179.000	4.9620
180.000	5.1250
181.000	5.2810

```
Name: bdry          Base Flow(cfs): 0.000          Init Stage(ft): 175.000
Group: BASE        Warn Stage(ft): 176.000
Type: Time/Stage
```

Time(hrs)	Stage(ft)
0.00	175.000
360.00	175.500

```
Name: bdry-4          Base Flow(cfs): 0.000          Init Stage(ft): 175.000
Group: BASE          Warn Stage(ft): 176.000
```

Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	175.000
360.00	175.500

```
Name: Ditch 10          Base Flow(cfs): 0.000          Init Stage(ft): 176.320
Group: BASE            Warn Stage(ft): 179.500
Type: Stage/Area
```

Stage(ft)	Area(ac)
176.320	0.0010
177.000	0.0030
178.000	0.1280
179.000	0.6980

```
Name: Ditch 104          Base Flow(cfs): 0.000          Init Stage(ft): 177.000
Group: BASE              Warn Stage(ft): 178.000
Type: Stage/Area
```

Stage(ft)	Area(ac)
177.000	0.0350
177.520	0.2170
178.000	0.3860

```
Name: Ditch 13          Base Flow(cfs): 0.000          Init Stage(ft): 177.000
Group: BASE            Warn Stage(ft): 178.000
Type: Stage/Area
```

Stage(ft)	Area(ac)
177.000	0.0350
177.520	0.2170
178.000	0.3860

```
Name: Ditch 20          Base Flow(cfs): 0.000          Init Stage(ft): 180.000
Group: BASE            Warn Stage(ft): 182.300
Type: Stage/Area
```

Stage(ft)	Area(ac)
180.000	0.1040
181.000	0.3090
182.000	0.5500
182.250	0.5940

Name: Ditch200 Base Flow(cfs): 0.000 Init Stage(ft): 180.000

Group: BASE
Type: Stage/Area

Warn Stage(ft): 182.250

Stage(ft)	Area(ac)
180.000	0.1040
181.000	0.3090
182.000	0.5500
182.250	0.5940

Name: Node108
Group: BASE
Type: Stage/Area

Base Flow(cfs): 0.000

Init Stage(ft): 178.500
Warn Stage(ft): 180.500

Stage(ft)	Area(ac)
178.500	0.0220
179.000	0.1000
180.000	0.2560
180.500	0.3340

Name: Node202
Group: BASE
Type: Stage/Area

Base Flow(cfs): 0.000

Init Stage(ft): 180.000
Warn Stage(ft): 182.000

Stage(ft)	Area(ac)
180.000	0.0810
181.000	0.1780
182.000	0.4220

Name: POST-WET-A1
Group: BASE
Type: Stage/Area

Base Flow(cfs): 0.000

Init Stage(ft): 175.000
Warn Stage(ft): 177.500

Stage(ft)	Area(ac)
175.000	0.2630
176.000	1.1780
176.750	3.0120
177.000	4.9770
177.400	6.3600

Name: POST-WET-A2
Group: BASE
Type: Stage/Area

Base Flow(cfs): 0.000

Init Stage(ft): 175.000
Warn Stage(ft): 177.000

Stage(ft)	Area(ac)
175.000	0.1690
176.000	2.3320

176.750 5.8030

Name: POST-WET-B Base Flow(cfs): 0.000 Init Stage(ft): 178.000
Group: BASE Warn Stage(ft): 179.630
Type: Stage/Area

Stage(ft)	Area(ac)
178.000	0.8250
179.000	3.0800
179.630	4.9860

Name: WET-A1 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.500
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.2630
176.000	1.1780
176.750	3.0120
177.000	4.9770
177.400	6.3600

Name: WET-A2 Base Flow(cfs): 0.000 Init Stage(ft): 175.000
Group: BASE Warn Stage(ft): 177.000
Type: Stage/Area

Stage(ft)	Area(ac)
175.000	0.1690
176.000	2.3320
176.750	5.8030

Name: WET-B Base Flow(cfs): 0.000 Init Stage(ft): 178.000
Group: BASE Warn Stage(ft): 179.630
Type: Stage/Area

Stage(ft)	Area(ac)
178.000	0.8250
179.000	3.0800
179.630	4.9860

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=== Operating Tables ===
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Name: Group: BASE
Type: Bottom Clip
Function: Time vs. Depth of Clip

Time(hrs) Clip Depth(in)

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=== Pipes =====
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Name: Pipe 20	From Node: Ditch 20	Length(ft): 31.00
Group: BASE	To Node: WET-B	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Automatic
		Flow: Both
UPSTREAM	DOWNSTREAM	
Geometry: Circular	Circular	
Span(in): 24.00	24.00	Entrance Loss Coef: 0.00
Rise(in): 24.00	24.00	Exit Loss Coef: 1.00
Invert(ft): 179.580	179.070	Bend Loss Coef: 0.00
Manning's N: 0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in): 0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in): 0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: Pipe 200	From Node: Ditch200	Length(ft): 31.00
Group: BASE	To Node: POST-WET-B	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Automatic
		Flow: Both
UPSTREAM	DOWNSTREAM	
Geometry: Circular	Circular	
Span(in): 24.00	24.00	Entrance Loss Coef: 0.00
Rise(in): 24.00	24.00	Exit Loss Coef: 1.00
Invert(ft): 179.580	179.070	Bend Loss Coef: 0.00
Manning's N: 0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in): 0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in): 0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: Pipe10	From Node: Ditch 10	Length(ft): 35.00
Group: BASE	To Node: WET-A1	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Most Restrictive
		Flow: Both
UPSTREAM	DOWNSTREAM	
Geometry: Circular	Circular	
Span(in): 15.00	15.00	Entrance Loss Coef: 0.00
Rise(in): 15.00	15.00	Exit Loss Coef: 1.00
Invert(ft): 176.320	176.220	Bend Loss Coef: 0.00
Manning's N: 0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in): 0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in): 0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

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=== Weirs ===

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Name: orifice100 From Node: Basin100
Group: BASE To Node: Basin101
Flow: Both Count: 3
Type: Vertical: Fread Geometry: Circular

Span(in): 3.50
Rise(in): 3.50
Invert(ft): 180.750
Control Elevation(ft): 180.750

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: orifice101 From Node: Basin101
Group: BASE To Node: Basin102
Flow: Both Count: 3
Type: Vertical: Fread Geometry: Circular

Span(in): 3.50
Rise(in): 3.50
Invert(ft): 180.250
Control Elevation(ft): 180.250

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: orifice102 From Node: Basin102
Group: BASE To Node: POST-WET-A1
Flow: Both Count: 3
Type: Vertical: Fread Geometry: Circular

Span(in): 3.75
Rise(in): 3.75
Invert(ft): 178.000
Control Elevation(ft): 178.000

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: post-weir-105 From Node: POST-WET-A1
Group: BASE To Node: POST-WET-A2
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 30.00
Corres Depth(ft): 0.50
Invert(ft): 176.650
Control Elevation(ft): 176.650
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Post-Weir-106 From Node: POST-WET-A2
Group: BASE To Node: bdry-4
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 315.00
Corres Depth(ft): 0.50
Invert(ft): 176.250
Control Elevation(ft): 176.250
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Post-Weir-bdry From Node: POST-WET-B
Group: BASE To Node: POST-WET-A2
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 115.00
Corres Depth(ft): 0.40
Invert(ft): 179.230
Control Elevation(ft): 179.230
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir 10 From Node: Ditch 10
Group: BASE To Node: WET-A1
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 84.00
Corres Depth(ft): 0.66
Invert(ft): 178.340
Control Elevation(ft): 178.340
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir-104 From Node: Ditch 104
Group: BASE To Node: POST-WET-A1
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 324.00
Corres Depth(ft): 0.50
Invert(ft): 177.520
Control Elevation(ft): 177.520
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-12 From Node: WET-A1
Group: BASE To Node: WET-A2
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 30.00
Corres Depth(ft): 0.50
Invert(ft): 176.650
Control Elevation(ft): 176.650
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir-13 From Node: Ditch 13
Group: BASE To Node: WET-A1
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 324.00
Corres Depth(ft): 0.50
Invert(ft): 177.520
Control Elevation(ft): 177.520
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000

Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir-14 From Node: WET-A2
Group: BASE To Node: bdry
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 315.00
Corres Depth(ft): 0.50
Invert(ft): 176.250
Control Elevation(ft): 176.250
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-20 From Node: Ditch 20
Group: BASE To Node: WET-B
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 29.00
Corres Depth(ft): 0.25
Invert(ft): 182.000
Control Elevation(ft): 182.000
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-200 From Node: Ditch200
Group: BASE To Node: POST-WET-B
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 29.00
Corres Depth(ft): 0.25
Invert(ft): 182.000
Control Elevation(ft): 182.000
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir-bdry From Node: WET-B

Group: BASE To Node: WET-A2
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 115.00
Corres Depth(ft): 0.40
Invert(ft): 179.260
Control Elevation(ft): 179.260
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir100 From Node: Basin100
Group: BASE To Node: Basin101
Flow: Both Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 14.00
Rise(in): 12.00
Invert(ft): 182.250
Control Elevation(ft): 182.250

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir101 From Node: Basin101
Group: BASE To Node: Basin102
Flow: Both Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 30.00
Rise(in): 14.00
Invert(ft): 181.583
Control Elevation(ft): 181.583

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir102 From Node: Basin102
Group: BASE To Node: POST-WET-A1
Flow: Both Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 36.00
Rise(in): 14.00
Invert(ft): 179.583
Control Elevation(ft): 179.583

TABLE

Bottom Clip(in): 0.000

Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir108 From Node: Node108
Group: BASE To Node: POST-WET-A2
Flow: Both Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 12.00
Rise(in): 12.00
Invert(ft): 179.500
Control Elevation(ft): 179.500

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir202 From Node: Node202
Group: BASE To Node: POST-WET-B
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 18.00
Rise(in): 6.00
Invert(ft): 181.500
Control Elevation(ft): 181.500

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

=====
=== Hydrology Simulations ===
=====

Name: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 18.00

Time(hrs)	Print Inc(min)
960.000	30.00

Name: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-1hr.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1

Rainfall Amount(in): 4.40

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-24hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.04

Time(hrs)	Print Inc(min)
744.000	30.00

Name: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-2hr.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 5.00

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-3d.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 13.80

Time(hrs)	Print Inc(min)
792.000	30.00

Name: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-4hr.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 6.25

Time(hrs)	Print Inc(min)
720.000	30.00

Name: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-7d.R32

Override Defaults: Yes
Storm Duration(hrs): 168.00
Rainfall File: Fdot-168

Rainfall Amount(in): 16.00

Time(hrs)	Print Inc(min)
888.000	30.00

Name: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-8hr.R32
Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 7.50

Time(hrs)	Print Inc(min)
720.000	30.00

=====
==== Routing Simulations =====
=====

Name: 100yr-10d Hydrology Sim: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-10d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 960.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-10

Time(hrs)	Print Inc(min)
960.000	30.000

Group	Run
BASE	Yes

Name: 100yr-1hr Hydrology Sim: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-1hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 720.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-1

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-24hr Hydrology Sim: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-24hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 744.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-24

Time(hrs)	Print Inc(min)
-----	-----
744.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-2hr Hydrology Sim: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-2hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 720.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-2

Time(hrs)	Print Inc(min)
-----	-----
720.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-3d Hydrology Sim: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-3d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 720.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-3

Time(hrs)	Print Inc(min)
792.000	30.000

Group	Run
BASE	Yes

Name: 100yr-4hr Hydrology Sim: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-4hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 720.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-4

Time(hrs)	Print Inc(min)
720.000	30.000

Group	Run
BASE	Yes

Name: 100yr-7d Hydrology Sim: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-7d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 888.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-7

Time(hrs)	Print Inc(min)
888.000	30.000

Group	Run
BASE	Yes

Name: 100yr-8hr Hydrology Sim: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC-1\100yr-8hr.I32

Execute: Yes Restart: No Patch: No

Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 720.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-8

Time(hrs)	Print Inc(min)
-----	-----
720.000	30.000

Group	Run
-----	-----
BASE	Yes

=====
==== Boundary Conditions =====
=====

Name: Hyd-10		Node: Node202	Type: Flow
Time(hrs)	Flow(cfs)		
-----	-----		
0.000	0.000		
0.029	0.000		
0.058	0.000		
0.087	0.000		
0.116	0.000		
0.144	0.000		
0.173	0.000		
0.202	0.000		
0.231	0.000		
0.260	0.000		
0.289	0.000		
0.318	0.000		
0.347	0.000		
0.376	0.000		
0.404	0.000		
0.433	0.000		
0.462	0.000		
0.491	0.000		
0.520	0.000		
0.549	0.000		
0.578	0.000		
0.607	0.000		
0.636	0.000		
0.664	0.000		
0.693	0.000		
0.722	0.000		
0.751	0.000		
0.780	0.000		
0.809	0.000		
0.838	0.000		
0.867	0.000		
0.896	0.000		
0.924	0.000		
0.953	0.000		
0.982	0.000		
1.011	0.000		
1.040	0.000		
1.069	0.000		

1.098	0.000
1.127	0.000
1.156	-0.000
1.184	-0.000
1.213	-0.001
1.242	-0.002
1.271	-0.006
1.300	-0.011
1.329	-0.019
1.358	-0.029
1.387	-0.041
1.416	-0.055
1.444	-0.069
1.473	-0.084
1.502	-0.100
1.531	-0.116
1.560	-0.132
1.589	-0.148
1.618	-0.164
1.647	-0.181
1.676	-0.197
1.704	-0.212
1.733	-0.228
1.762	-0.243
1.791	-0.258
1.820	-0.273
1.849	-0.288
1.878	-0.302
1.907	-0.315
1.936	-0.329
1.964	-0.342
1.993	-0.355
2.022	-0.369
2.051	-0.387
2.080	-0.399
2.109	-0.402
2.138	-0.402
2.167	-0.402
2.196	-0.402
2.224	-0.403
2.253	-0.403
2.282	-0.403
2.311	-0.404
2.340	-0.405
2.369	-0.405
2.398	-0.406
2.427	-0.407
2.456	-0.408
2.484	-0.409
2.513	-0.409
2.542	-0.410
2.571	-0.411
2.600	-0.412
2.629	-0.413
2.658	-0.414
2.687	-0.416
2.716	-0.417
2.744	-0.418
2.773	-0.419
2.802	-0.420
2.831	-0.421
2.860	-0.423
2.889	-0.424
2.918	-0.425
2.947	-0.426

2.976	-0.428
3.004	-0.429
3.033	-0.430
3.062	-0.432
3.091	-0.433
3.120	-0.435
3.149	-0.438
3.178	-0.440
3.207	-0.444
3.236	-0.447
3.264	-0.451
3.293	-0.456
3.322	-0.460
3.351	-0.465
3.380	-0.470
3.409	-0.475
3.438	-0.480
3.467	-0.485
3.496	-0.490
3.524	-0.495
3.553	-0.501
3.582	-0.506
3.611	-0.511
3.640	-0.517
3.669	-0.522
3.698	-0.527
3.727	-0.533
3.756	-0.538
3.784	-0.543
3.813	-0.549
3.842	-0.554
3.871	-0.559
3.900	-0.565
3.929	-0.570
3.958	-0.575
3.987	-0.580
4.016	-0.584
4.044	-0.585
4.073	-0.585
4.102	-0.585
4.131	-0.585
4.160	-0.585
4.189	-0.585
4.218	-0.585
4.247	-0.585
4.276	-0.585
4.304	-0.585
4.333	-0.585
4.362	-0.585
4.391	-0.585
4.420	-0.585
4.449	-0.585
4.478	-0.585
4.507	-0.585
4.536	-0.585
4.564	-0.974
4.593	-1.085
4.622	-0.783
4.651	-0.737
4.680	-0.692
4.709	-0.650
4.738	-0.611
4.767	-0.575
4.796	-0.543
4.824	-0.514

4.853	-0.488
4.882	-0.464
4.911	-0.444
4.940	-0.425
4.969	-0.409
4.998	-0.394
5.027	-0.381
5.056	-0.369
5.084	-0.358
5.113	-0.348
5.142	-0.339
5.171	-0.330
5.200	-0.322
5.229	-0.315
5.258	-0.308
5.287	-0.301
5.316	-0.295
5.344	-0.289
5.373	-0.284
5.402	-0.278
5.431	-0.274
5.460	-0.269
5.489	-0.265
5.518	-0.261
5.547	-0.257
5.576	-0.253
5.604	-0.250
5.633	-0.246
5.662	-0.243
5.691	-0.240
5.720	-0.237
5.749	-0.234
5.778	-0.232
5.807	-0.229
5.836	-0.227
5.864	-0.224
5.893	-0.222
5.922	-0.220
5.951	-0.218
5.980	-0.215
6.009	-0.213
6.038	-0.211
6.067	-0.210
6.096	-0.208
6.124	-0.206
6.153	-0.204
6.182	-0.202
6.211	-0.200
6.240	-0.199
6.269	-0.197
6.298	-0.195
6.327	-0.194
6.356	-0.192
6.384	-0.191
6.413	-0.189
6.442	-0.188
6.471	-0.187
6.500	-0.185
6.529	-0.184
6.558	-0.183
6.587	-0.181
6.616	-0.180
6.644	-0.179
6.673	-0.178
6.702	-0.177

6.731	-0.175
6.760	-0.174
6.789	-0.173
6.818	-0.172
6.847	-0.171
6.876	-0.170
6.904	-0.169
6.933	-0.168
6.962	-0.167
6.991	-0.166
7.020	-0.165
7.049	-0.164
7.078	-0.163
7.107	-0.162
7.136	-0.161
7.164	-0.160
7.193	-0.159
7.222	-0.158
7.251	-0.157
7.280	-0.156
7.309	-0.155
7.338	-0.154
7.367	-0.153
7.396	-0.152
7.424	-0.151
7.453	-0.150
7.482	-0.149
7.511	-0.148
7.540	-0.147
7.569	-0.146
7.598	-0.146
7.627	-0.145
7.656	-0.144
7.684	-0.143
7.713	-0.143
7.742	-0.142
7.771	-0.141
7.800	-0.140
7.829	-0.140
7.858	-0.139
7.887	-0.139
7.916	-0.138
7.944	-0.137
7.973	-0.137
8.002	-0.136
8.031	-0.135
8.060	-0.135
8.089	-0.134
8.118	-0.133
8.147	-0.132
8.176	-0.131
8.204	-0.130
8.233	-0.129
8.262	-0.128
8.291	-0.127
8.320	-0.127
8.349	-0.126
8.378	-0.125
8.407	-0.124
8.436	-0.123
8.464	-0.123
8.493	-0.122
8.522	-0.121
8.551	-0.121
8.580	-0.120

8.609	-0.119
8.638	-0.119
8.667	-0.118
8.696	-0.118
8.724	-0.117
8.753	-0.116
8.782	-0.116
8.811	-0.115
8.840	-0.115
8.869	-0.114
8.898	-0.114
8.927	-0.113
8.956	-0.113
8.984	-0.112
9.013	-0.112
9.042	-0.112
9.071	-0.111
9.100	-0.111
9.129	-0.110
9.158	-0.110
129.158	-0.008
249.158	-0.004
960.000	0.000

Name: Hyd-1

Node: Node108

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	-0.006
0.378	-0.036
0.453	-0.063
0.529	-0.075
0.604	-0.108
0.680	-0.159
0.756	-0.222
0.831	-0.289
0.907	-0.356
0.982	-0.418
1.058	-0.470
1.133	-0.493
1.209	-0.493
1.284	-0.493
1.360	-0.493
1.436	-0.493
1.511	-0.493
1.587	-0.493
1.662	-0.493
1.738	-0.493
1.813	-0.975
1.889	-1.077
1.964	-0.634
2.040	-0.524
2.116	-0.445
2.191	-0.388
2.267	-0.345
2.342	-0.312
2.418	-0.286
2.493	-0.266
2.569	-0.249
2.644	-0.234

2.720	-0.222
2.796	-0.211
2.871	-0.202
2.947	-0.194
3.022	-0.187
3.098	-0.180
3.173	-0.175
3.249	-0.170
3.324	-0.165
3.400	-0.161
3.476	-0.157
3.551	-0.153
3.627	-0.149
3.702	-0.144
3.778	-0.141
3.853	-0.137
3.929	-0.134
4.004	-0.130
4.080	-0.129
124.080	-0.005
244.080	-0.000
340.080	0.000
364.080	0.000
484.080	0.000
604.080	0.000
724.080	0.000

Name: Hyd-1

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	-0.000
0.202	-0.005
0.231	-0.024
0.260	-0.074
0.289	-0.179
0.318	-0.325
0.347	-0.402
0.376	-0.403
0.404	-0.404
0.433	-0.408
0.462	-0.413
0.491	-0.420
0.520	-0.429
0.549	-0.439
0.578	-0.450
0.607	-0.462
0.636	-0.474
0.664	-0.487
0.693	-0.499
0.722	-0.512
0.751	-0.523
0.780	-0.534
0.809	-0.545
0.838	-0.554
0.867	-0.563
0.896	-0.571
0.924	-0.578

0.953	-0.583
0.982	-0.585
1.011	-0.585
1.040	-0.585
1.069	-0.585
1.098	-0.585
1.127	-0.585
1.156	-0.585
1.184	-0.585
1.213	-0.585
1.242	-0.585
1.271	-0.585
1.300	-0.585
1.329	-0.585
1.358	-0.585
1.387	-0.585
1.416	-0.585
1.444	-0.585
1.473	-0.585
1.502	-0.585
1.531	-0.585
1.560	-0.585
1.589	-0.585
1.618	-0.585
1.647	-0.585
1.676	-0.585
1.704	-0.585
1.733	-0.585
1.762	-0.585
1.791	-0.585
1.820	-0.585
1.849	-0.585
1.878	-0.585
1.907	-0.585
1.936	-0.585
1.964	-0.585
1.993	-0.585
2.022	-0.585
2.051	-0.585
2.080	-0.585
2.109	-0.585
2.138	-0.585
2.167	-0.585
122.167	-0.009
242.167	0.000
338.167	0.000
362.167	0.000
482.167	0.000
602.167	0.000
722.167	0.000

Name: Hyd-2

Node: Node108

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	-0.000
0.378	-0.006
0.453	-0.031
0.529	-0.056
0.604	-0.067

0.680	-0.085
0.756	-0.117
0.831	-0.161
0.907	-0.213
0.982	-0.269
1.058	-0.325
1.133	-0.377
1.209	-0.425
1.284	-0.468
1.360	-0.491
1.436	-0.493
1.511	-0.493
1.587	-0.493
1.662	-0.493
1.738	-0.493
1.813	-0.493
1.889	-0.493
1.964	-1.222
2.040	-1.356
2.116	-0.690
2.191	-0.568
2.267	-0.475
2.342	-0.405
2.418	-0.352
2.493	-0.311
2.569	-0.279
2.644	-0.255
2.720	-0.236
2.796	-0.220
2.871	-0.207
2.947	-0.197
3.022	-0.188
3.098	-0.180
3.173	-0.173
3.249	-0.167
3.324	-0.162
3.400	-0.157
3.476	-0.153
3.551	-0.149
3.627	-0.146
3.702	-0.143
3.778	-0.140
3.853	-0.138
3.929	-0.136
4.004	-0.133
4.080	-0.132
4.156	-0.130
4.231	-0.128
4.307	-0.127
4.382	-0.125
4.458	-0.123
4.533	-0.121
4.609	-0.119
4.684	-0.116
4.760	-0.114
4.836	-0.112
4.911	-0.110
4.987	-0.108
5.062	-0.107
125.062	-0.005
245.062	-0.000
341.062	0.000
365.062	0.000
485.062	0.000
605.062	0.000

725.062 0.000

Name: Hyd-2

Node: Node202

Type: Flow

Time(hrs) Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	-0.000
0.144	-0.003
0.173	-0.011
0.202	-0.032
0.231	-0.073
0.260	-0.145
0.289	-0.250
0.318	-0.356
0.347	-0.402
0.376	-0.402
0.404	-0.403
0.433	-0.405
0.462	-0.407
0.491	-0.409
0.520	-0.413
0.549	-0.417
0.578	-0.421
0.607	-0.427
0.636	-0.433
0.664	-0.439
0.693	-0.446
0.722	-0.454
0.751	-0.462
0.780	-0.470
0.809	-0.479
0.838	-0.489
0.867	-0.498
0.896	-0.508
0.924	-0.517
0.953	-0.525
0.982	-0.533
1.011	-0.540
1.040	-0.547
1.069	-0.553
1.098	-0.559
1.127	-0.564
1.156	-0.569
1.184	-0.573
1.213	-0.577
1.242	-0.581
1.271	-0.584
1.300	-0.585
1.329	-0.585
1.358	-0.585
1.387	-0.585
1.416	-0.585
1.444	-0.585
1.473	-0.585
1.502	-0.585
1.531	-0.585
1.560	-0.585
1.589	-0.585
1.618	-0.585
1.647	-0.585

1.676	-0.585
1.704	-0.585
1.733	-0.585
1.762	-0.585
1.791	-0.585
1.820	-0.585
1.849	-0.585
1.878	-0.585
1.907	-0.585
1.936	-0.585
1.964	-0.585
1.993	-0.585
2.022	-0.585
2.051	-0.585
2.080	-0.585
2.109	-0.585
2.138	-0.585
2.167	-0.585
2.196	-0.585
2.224	-0.585
2.253	-0.585
2.282	-0.585
2.311	-0.585
2.340	-0.585
2.369	-0.585
2.398	-0.585
2.427	-0.585
2.456	-0.585
2.484	-0.585
2.513	-0.585
2.542	-0.585
2.571	-0.585
2.600	-0.585
2.629	-0.585
2.658	-0.585
2.687	-0.585
2.716	-0.585
2.744	-0.585
2.773	-0.585
2.802	-0.719
2.831	-0.798
2.860	-0.720
2.889	-0.673
2.918	-0.627
2.947	-0.585
2.976	-0.546
3.004	-0.510
3.033	-0.478
3.062	-0.449
3.091	-0.423
3.120	-0.400
3.149	-0.379
3.178	-0.369
123.178	-0.009
243.178	0.000
339.178	0.000
363.178	0.000
483.178	0.000
603.178	0.000
723.178	0.000

Name: Hyd-2

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	-0.000
0.144	-0.003
0.173	-0.011
0.202	-0.032
0.231	-0.073
0.260	-0.145
0.289	-0.250
0.318	-0.356
0.347	-0.402
0.376	-0.402
0.404	-0.403
0.433	-0.405
0.462	-0.407
0.491	-0.409
0.520	-0.413
0.549	-0.417
0.578	-0.421
0.607	-0.427
0.636	-0.433
0.664	-0.439
0.693	-0.446
0.722	-0.454
0.751	-0.462
0.780	-0.470
0.809	-0.479
0.838	-0.489
0.867	-0.498
0.896	-0.508
0.924	-0.517
0.953	-0.525
0.982	-0.533
1.011	-0.540
1.040	-0.547
1.069	-0.553
1.098	-0.559
1.127	-0.564
1.156	-0.569
1.184	-0.573
1.213	-0.577
1.242	-0.581
1.271	-0.584
1.300	-0.585
1.329	-0.585
1.358	-0.585
1.387	-0.585
1.416	-0.585
1.444	-0.585
1.473	-0.585
1.502	-0.585
1.531	-0.585
1.560	-0.585
1.589	-0.585
1.618	-0.585
1.647	-0.585
1.676	-0.585
1.704	-0.585
1.733	-0.585
1.762	-0.585
1.791	-0.585
1.820	-0.585

1.849	-0.585
1.878	-0.585
1.907	-0.585
1.936	-0.585
1.964	-0.585
1.993	-0.585
2.022	-0.585
2.051	-0.585
2.080	-0.585
2.109	-0.585
2.138	-0.585
2.167	-0.585
2.196	-0.585
2.224	-0.585
2.253	-0.585
2.282	-0.585
2.311	-0.585
2.340	-0.585
2.369	-0.585
2.398	-0.585
2.427	-0.585
2.456	-0.585
2.484	-0.585
2.513	-0.585
2.542	-0.585
2.571	-0.585
2.600	-0.585
2.629	-0.585
2.658	-0.585
2.687	-0.585
2.716	-0.585
2.744	-0.585
2.773	-0.585
2.802	-0.719
2.831	-0.798
2.860	-0.720
2.889	-0.673
2.918	-0.627
2.947	-0.585
2.976	-0.546
3.004	-0.510
3.033	-0.478
3.062	-0.449
3.091	-0.423
3.120	-0.400
3.149	-0.379
3.178	-0.369
123.178	-0.009
243.178	0.000
339.178	0.000
363.178	0.000
483.178	0.000
603.178	0.000
723.178	0.000

Name: Hyd-3

Node: Node108

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000

0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	0.000
1.133	0.000
1.209	0.000
1.284	0.000
1.360	0.000
1.436	0.000
1.511	0.000
1.587	0.000
1.662	0.000
1.738	0.000
1.813	0.000
1.889	0.000
1.964	0.000
2.040	0.000
2.116	0.000
2.191	0.000
2.267	0.000
2.342	0.000
2.418	0.000
2.493	0.000
2.569	0.000
2.644	0.000
2.720	0.000
2.796	0.000
2.871	0.000
2.947	0.000
3.022	0.000
3.098	0.000
3.173	0.000
3.249	0.000
3.324	0.000
3.400	0.000
3.476	0.000
3.551	0.000
3.627	0.000
3.702	0.000
3.778	0.000
3.853	0.000
3.929	0.000
4.004	0.000
4.080	0.000
4.156	0.000
4.231	0.000
4.307	0.000
4.382	0.000
4.458	0.000
4.533	0.000
4.609	0.000
4.684	0.000
4.760	0.000
4.836	0.000
4.911	0.000
4.987	0.000
5.062	0.000
5.138	0.000
5.213	0.000

5.289	0.000
5.364	0.000
5.440	0.000
5.516	0.000
5.591	0.000
5.667	0.000
5.742	0.000
5.818	0.000
5.893	0.000
5.969	0.000
6.044	0.000
6.120	0.000
6.196	0.000
6.271	0.000
6.347	0.000
6.422	0.000
6.498	0.000
6.573	0.000
6.649	0.000
6.724	0.000
6.800	0.000
6.876	0.000
6.951	0.000
7.027	0.000
7.102	0.000
7.178	0.000
7.253	0.000
7.329	0.000
7.404	0.000
7.480	0.000
7.556	0.000
7.631	0.000
7.707	0.000
7.782	0.000
7.858	0.000
7.933	0.000
8.009	0.000
8.084	0.000
8.160	0.000
8.236	0.000
8.311	0.000
8.387	0.000
8.462	0.000
8.538	0.000
8.613	0.000
8.689	0.000
8.764	0.000
8.840	0.000
8.916	0.000
8.991	0.000
9.067	-0.000
9.142	-0.000
9.218	-0.001
9.293	-0.002
9.369	-0.003
9.444	-0.006
9.520	-0.010
9.596	-0.014
9.671	-0.019
9.747	-0.025
9.822	-0.031
9.898	-0.038
9.973	-0.044
10.049	-0.051
10.124	-0.058

10.200	-0.062
10.276	-0.062
10.351	-0.064
10.427	-0.066
10.502	-0.068
10.578	-0.071
10.653	-0.075
10.729	-0.078
10.804	-0.082
10.880	-0.086
10.956	-0.090
11.031	-0.095
11.107	-0.099
11.182	-0.103
11.258	-0.108
11.333	-0.112
11.409	-0.117
11.484	-0.121
11.560	-0.126
11.636	-0.130
11.711	-0.135
11.787	-0.139
11.862	-0.144
11.938	-0.148
12.013	-0.153
12.089	-0.157
12.164	-0.161
12.240	-0.165
12.316	-0.169
12.391	-0.172
12.467	-0.175
12.542	-0.177
12.618	-0.179
12.693	-0.180
12.769	-0.182
12.844	-0.183
12.920	-0.184
12.996	-0.184
13.071	-0.185
13.147	-0.186
13.222	-0.187
13.298	-0.187
13.373	-0.188
13.449	-0.188
13.524	-0.189
13.600	-0.189
13.676	-0.190
13.751	-0.191
13.827	-0.342
13.902	-0.425
13.978	-0.322
14.053	-0.262
14.129	-0.223
14.204	-0.196
14.280	-0.178
14.356	-0.165
14.431	-0.155
14.507	-0.148
14.582	-0.142
14.658	-0.138
14.733	-0.134
14.809	-0.131
14.884	-0.129
14.960	-0.127
15.036	-0.125

15.111	-0.123
15.187	-0.122
15.262	-0.121
15.338	-0.120
15.413	-0.119
15.489	-0.118
15.564	-0.117
15.640	-0.117
15.716	-0.116
15.791	-0.116
15.867	-0.115
15.942	-0.115
16.018	-0.115
16.093	-0.114
16.169	-0.114
16.244	-0.113
16.320	-0.111
16.396	-0.110
16.471	-0.108
16.547	-0.106
16.622	-0.104
16.698	-0.102
16.773	-0.101
16.849	-0.099
16.924	-0.097
17.000	-0.096
17.076	-0.094
17.151	-0.093
17.227	-0.091
17.302	-0.090
17.378	-0.089
17.453	-0.088
17.529	-0.087
17.604	-0.086
17.680	-0.085
17.756	-0.084
17.831	-0.083
17.907	-0.082
17.982	-0.081
18.058	-0.080
18.133	-0.080
18.209	-0.079
18.284	-0.078
18.360	-0.078
18.436	-0.077
18.511	-0.077
18.587	-0.076
18.662	-0.075
18.738	-0.075
18.813	-0.075
18.889	-0.074
18.964	-0.074
19.040	-0.073
19.116	-0.073
19.191	-0.073
19.267	-0.072
19.342	-0.072
19.418	-0.072
19.493	-0.071
19.569	-0.071
19.644	-0.071
19.720	-0.070
19.796	-0.070
19.871	-0.070
19.947	-0.070

20.022	-0.069
20.098	-0.069
20.173	-0.069
20.249	-0.068
20.324	-0.068
20.400	-0.067
20.476	-0.067
20.551	-0.066
20.627	-0.065
20.702	-0.065
20.778	-0.064
20.853	-0.063
20.929	-0.063
21.004	-0.062
21.080	-0.061
21.156	-0.061
21.231	-0.060
21.307	-0.060
21.382	-0.059
21.458	-0.059
21.533	-0.058
21.609	-0.058
21.684	-0.057
21.760	-0.057
21.836	-0.056
21.911	-0.056
21.987	-0.056
22.062	-0.055
22.138	-0.055
22.213	-0.054
22.289	-0.054
22.364	-0.054
22.440	-0.053
22.516	-0.053
22.591	-0.053
22.667	-0.052
22.742	-0.052
22.818	-0.052
22.893	-0.052
22.969	-0.051
23.044	-0.051
23.120	-0.051
23.196	-0.051
23.271	-0.050
23.347	-0.050
23.422	-0.050
23.498	-0.050
23.573	-0.050
23.649	-0.049
23.724	-0.049
23.800	-0.049
23.876	-0.049
23.951	-0.049
24.027	-0.048
24.102	-0.048
24.178	-0.048
24.253	-0.048
24.329	-0.048
24.404	-0.048
24.480	-0.049
24.556	-0.049
24.631	-0.049
24.707	-0.049
24.782	-0.049
24.858	-0.050

24.933	-0.050
25.009	-0.050
25.084	-0.050
25.160	-0.050
25.236	-0.051
25.311	-0.051
25.387	-0.051
25.462	-0.051
25.538	-0.051
25.613	-0.051
25.689	-0.051
25.764	-0.051
25.840	-0.052
25.916	-0.052
25.991	-0.052
26.067	-0.052
26.142	-0.052
26.218	-0.052
26.293	-0.052
26.369	-0.052
26.444	-0.052
26.520	-0.052
26.596	-0.052
26.671	-0.052
26.747	-0.052
26.822	-0.053
26.898	-0.053
26.973	-0.053
27.049	-0.053
27.124	-0.053
27.200	-0.053
27.276	-0.053
27.351	-0.053
27.427	-0.053
27.502	-0.053
27.578	-0.053
27.653	-0.053
27.729	-0.053
27.804	-0.053
27.880	-0.053
27.956	-0.053
28.031	-0.053
28.107	-0.053
28.182	-0.053
28.258	-0.054
28.333	-0.054
28.409	-0.055
28.484	-0.056
28.560	-0.056
28.636	-0.057
28.711	-0.058
28.787	-0.059
28.862	-0.060
28.938	-0.060
29.013	-0.061
29.089	-0.062
29.164	-0.062
29.240	-0.063
29.316	-0.063
29.391	-0.064
29.467	-0.065
29.542	-0.065
29.618	-0.066
29.693	-0.066
29.769	-0.067

29.844	-0.067
29.920	-0.067
29.996	-0.068
30.071	-0.068
30.147	-0.069
30.222	-0.069
30.298	-0.069
30.373	-0.070
30.449	-0.070
30.524	-0.070
30.600	-0.071
30.676	-0.071
30.751	-0.071
30.827	-0.071
30.902	-0.072
30.978	-0.072
31.053	-0.072
31.129	-0.072
31.204	-0.073
31.280	-0.073
31.356	-0.073
31.431	-0.073
31.507	-0.074
31.582	-0.074
31.658	-0.074
31.733	-0.074
31.809	-0.074
31.884	-0.074
31.960	-0.075
32.036	-0.075
32.111	-0.075
32.187	-0.077
32.262	-0.078
32.338	-0.081
32.413	-0.084
32.489	-0.087
32.564	-0.091
32.640	-0.094
32.716	-0.098
32.791	-0.101
32.867	-0.105
32.942	-0.110
33.018	-0.122
33.093	-0.133
33.169	-0.138
33.244	-0.139
33.320	-0.138
33.396	-0.135
33.471	-0.132
33.547	-0.129
33.622	-0.125
33.698	-0.122
33.773	-0.119
33.849	-0.115
33.924	-0.112
34.000	-0.110
34.076	-0.107
34.151	-0.105
34.227	-0.103
34.302	-0.101
34.378	-0.099
34.453	-0.097
34.529	-0.095
34.604	-0.094
34.680	-0.092

34.756	-0.091
34.831	-0.090
34.907	-0.089
34.982	-0.088
35.058	-0.087
35.133	-0.086
35.209	-0.085
35.284	-0.084
35.360	-0.084
35.436	-0.083
35.511	-0.082
35.587	-0.081
35.662	-0.081
35.738	-0.080
35.813	-0.080
35.889	-0.079
35.964	-0.079
36.040	-0.078
36.116	-0.076
36.191	-0.074
36.267	-0.071
36.342	-0.067
36.418	-0.064
36.493	-0.061
36.569	-0.060
36.644	-0.058
36.720	-0.057
36.796	-0.057
36.871	-0.057
36.947	-0.056
37.022	-0.056
37.098	-0.057
37.173	-0.057
37.249	-0.057
37.324	-0.057
37.400	-0.057
37.476	-0.057
37.551	-0.057
37.627	-0.058
37.702	-0.058
37.778	-0.058
37.853	-0.058
37.929	-0.058
38.004	-0.058
38.080	-0.058
38.156	-0.059
38.231	-0.059
38.307	-0.059
38.382	-0.059
38.458	-0.059
38.533	-0.059
38.609	-0.059
38.684	-0.059
38.760	-0.059
38.836	-0.059
38.911	-0.059
38.987	-0.059
39.062	-0.059
39.138	-0.059
39.213	-0.059
39.289	-0.059
39.364	-0.059
39.440	-0.059
39.516	-0.058
39.591	-0.058

39.667	-0.058
39.742	-0.058
39.818	-0.058
39.893	-0.058
39.969	-0.058
40.044	-0.057
40.120	-0.057
40.196	-0.055
40.271	-0.053
40.347	-0.050
40.422	-0.047
40.498	-0.045
40.573	-0.043
40.649	-0.042
40.724	-0.042
40.800	-0.041
40.876	-0.041
40.951	-0.041
41.027	-0.041
41.102	-0.041
41.178	-0.041
41.253	-0.042
41.329	-0.042
41.404	-0.042
41.480	-0.042
41.556	-0.042
41.631	-0.043
41.707	-0.043
41.782	-0.043
41.858	-0.043
41.933	-0.044
42.009	-0.044
42.084	-0.044
42.160	-0.044
42.236	-0.044
42.311	-0.045
42.387	-0.045
42.462	-0.045
42.538	-0.045
42.613	-0.045
42.689	-0.045
42.764	-0.046
42.840	-0.046
42.916	-0.046
42.991	-0.046
43.067	-0.046
43.142	-0.046
43.218	-0.046
43.293	-0.046
43.369	-0.046
43.444	-0.046
43.520	-0.046
43.596	-0.046
43.671	-0.046
43.747	-0.046
43.822	-0.046
43.898	-0.046
43.973	-0.046
44.049	-0.046
44.124	-0.046
44.200	-0.046
44.276	-0.045
44.351	-0.044
44.427	-0.043
44.502	-0.043

44.578	-0.042
44.653	-0.042
44.729	-0.041
44.804	-0.041
44.880	-0.041
44.956	-0.041
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45.107	-0.041
45.182	-0.041
45.258	-0.041
45.333	-0.041
45.409	-0.041
45.484	-0.041
45.560	-0.041
45.636	-0.041
45.711	-0.041
45.787	-0.041
45.862	-0.041
45.938	-0.041
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46.089	-0.041
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46.920	-0.041
46.996	-0.042
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47.222	-0.042
47.298	-0.042
47.373	-0.042
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48.129	-0.042
48.204	-0.042
48.280	-0.043
48.356	-0.043
48.431	-0.044
48.507	-0.045
48.582	-0.046
48.658	-0.046
48.733	-0.047
48.809	-0.047
48.884	-0.047
48.960	-0.047
49.036	-0.047
49.111	-0.047
49.187	-0.047
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49.413	-0.047

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49.716	-0.047
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52.587	-0.050
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52.889	-0.052
52.964	-0.052
53.040	-0.052
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53.191	-0.051
53.267	-0.051
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53.493	-0.050
53.569	-0.050
53.644	-0.049
53.720	-0.049
53.796	-0.049
53.871	-0.048
53.947	-0.048
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54.098	-0.047
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54.249	-0.047
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55.080	-0.044
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55.231	-0.044
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55.911	-0.043
55.987	-0.043
56.062	-0.044
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56.213	-0.053
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56.516	-0.084
56.591	-0.089
56.667	-0.092
56.742	-0.093
56.818	-0.094
56.893	-0.093
56.969	-0.092
57.044	-0.090
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57.196	-0.086
57.271	-0.084
57.347	-0.082
57.422	-0.081
57.498	-0.079
57.573	-0.077
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57.724	-0.074
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57.876	-0.071
57.951	-0.069
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58.102	-0.067
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60.142	-0.049
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60.293	-0.039
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60.671	-0.022
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60.822	-0.022
60.898	-0.022
60.973	-0.023
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61.124	-0.025
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61.351	-0.028
61.427	-0.028
61.502	-0.029
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63.542	-0.039
63.618	-0.039
63.693	-0.039
63.769	-0.039
63.844	-0.039
63.920	-0.039
63.996	-0.039
64.071	-0.038
64.147	-0.036

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64.298	-0.028
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64.449	-0.020
64.524	-0.017
64.600	-0.015
64.676	-0.014
64.751	-0.013
64.827	-0.013
64.902	-0.014
64.978	-0.014
65.053	-0.015
65.129	-0.016
65.204	-0.016
65.280	-0.017
65.356	-0.018
65.431	-0.018
65.507	-0.019
65.582	-0.020
65.658	-0.021
65.733	-0.021
65.809	-0.022
65.884	-0.022
65.960	-0.023
66.036	-0.023
66.111	-0.024
66.187	-0.024
66.262	-0.025
66.338	-0.025
66.413	-0.026
66.489	-0.026
66.564	-0.027
66.640	-0.027
66.716	-0.027
66.791	-0.028
66.867	-0.028
66.942	-0.028
67.018	-0.029
67.093	-0.029
67.169	-0.029
67.244	-0.029
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67.396	-0.030
67.471	-0.030
67.547	-0.030
67.622	-0.030
67.698	-0.031
67.773	-0.031
67.849	-0.031
67.924	-0.031
68.000	-0.031
68.076	-0.031
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68.227	-0.029
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68.529	-0.025
68.604	-0.024
68.680	-0.024
68.756	-0.023
68.831	-0.023
68.907	-0.023
68.982	-0.023
69.058	-0.023

69.133	-0.023
69.209	-0.024
69.284	-0.024
69.360	-0.024
69.436	-0.024
69.511	-0.024
69.587	-0.025
69.662	-0.025
69.738	-0.025
69.813	-0.025
69.889	-0.025
69.964	-0.026
70.040	-0.026
70.116	-0.026
70.191	-0.026
70.267	-0.026
70.342	-0.027
70.418	-0.027
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70.569	-0.027
70.644	-0.027
70.720	-0.027
70.796	-0.027
70.871	-0.028
70.947	-0.028
71.022	-0.028
71.098	-0.028
71.173	-0.028
71.249	-0.028
71.324	-0.028
71.400	-0.028
71.476	-0.028
71.551	-0.029
71.627	-0.029
71.702	-0.029
71.778	-0.029
71.853	-0.029
71.929	-0.029
72.004	-0.029
72.080	-0.029
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72.231	-0.028
72.307	-0.027
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72.533	-0.024
72.609	-0.023
72.684	-0.023
72.760	-0.023
72.836	-0.022
72.911	-0.022
72.987	-0.022
73.062	-0.022
73.138	-0.022
73.213	-0.022
73.289	-0.022
73.364	-0.022
73.440	-0.022
73.516	-0.022
73.591	-0.022
73.667	-0.022
73.742	-0.022
73.818	-0.022
73.893	-0.022
73.969	-0.023

74.044	-0.023
74.120	-0.023
74.196	-0.023
74.271	-0.023
74.347	-0.023
74.422	-0.023
74.498	-0.023
74.573	-0.023
74.649	-0.023
74.724	-0.023
74.800	-0.023
74.876	-0.023
74.951	-0.023
75.027	-0.023
195.027	-0.005
315.027	-0.001
411.027	-0.000
435.027	-0.000
555.027	0.000
675.027	0.000
795.027	0.000

Name: Hyd-3

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000

1.098	0.000
1.127	0.000
1.156	0.000
1.184	0.000
1.213	0.000
1.242	0.000
1.271	0.000
1.300	0.000
1.329	0.000
1.358	0.000
1.387	0.000
1.416	0.000
1.444	0.000
1.473	0.000
1.502	0.000
1.531	0.000
1.560	0.000
1.589	0.000
1.618	0.000
1.647	0.000
1.676	0.000
1.704	0.000
1.733	0.000
1.762	0.000
1.791	0.000
1.820	0.000
1.849	0.000
1.878	0.000
1.907	0.000
1.936	0.000
1.964	0.000
1.993	0.000
2.022	0.000
2.051	0.000
2.080	0.000
2.109	0.000
2.138	0.000
2.167	0.000
2.196	0.000
2.224	0.000
2.253	0.000
2.282	0.000
2.311	0.000
2.340	0.000
2.369	0.000
2.398	0.000
2.427	0.000
2.456	0.000
2.484	0.000
2.513	0.000
2.542	0.000
2.571	0.000
2.600	0.000
2.629	0.000
2.658	0.000
2.687	0.000
2.716	0.000
2.744	0.000
2.773	0.000
2.802	0.000
2.831	0.000
2.860	0.000
2.889	0.000
2.918	0.000
2.947	0.000

2.976	0.000
3.004	0.000
3.033	0.000
3.062	0.000
3.091	0.000
3.120	0.000
3.149	0.000
3.178	0.000
3.207	0.000
3.236	0.000
3.264	0.000
3.293	0.000
3.322	0.000
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3.438	0.000
3.467	0.000
3.496	0.000
3.524	0.000
3.553	0.000
3.582	0.000
3.611	0.000
3.640	0.000
3.669	0.000
3.698	0.000
3.727	0.000
3.756	0.000
3.784	0.000
3.813	0.000
3.842	0.000
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4.073	0.000
4.102	0.000
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4.247	0.000
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4.333	0.000
4.362	0.000
4.391	0.000
4.420	0.000
4.449	0.000
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4.507	0.000
4.536	0.000
4.564	0.000
4.593	0.000
4.622	0.000
4.651	0.000
4.680	0.000
4.709	0.000
4.738	0.000
4.767	0.000
4.796	0.000
4.824	0.000

4.853	0.000
4.882	0.000
4.911	0.000
4.940	0.000
4.969	0.000
4.998	0.000
5.027	0.000
5.056	0.000
5.084	0.000
5.113	0.000
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5.402	-0.000
5.431	-0.001
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5.518	-0.002
5.547	-0.002
5.576	-0.002
5.604	-0.003
5.633	-0.003
5.662	-0.004
5.691	-0.004
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5.749	-0.005
5.778	-0.006
5.807	-0.006
5.836	-0.007
5.864	-0.007
5.893	-0.008
5.922	-0.008
5.951	-0.009
5.980	-0.009
6.009	-0.010
6.038	-0.010
6.067	-0.011
6.096	-0.011
6.124	-0.012
6.153	-0.012
6.182	-0.013
6.211	-0.013
6.240	-0.014
6.269	-0.014
6.298	-0.015
6.327	-0.015
6.356	-0.016
6.384	-0.016
6.413	-0.017
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6.471	-0.018
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6.529	-0.019
6.558	-0.019
6.587	-0.020
6.616	-0.020
6.644	-0.021
6.673	-0.021
6.702	-0.022

6.731	-0.022
6.760	-0.023
6.789	-0.023
6.818	-0.024
6.847	-0.024
6.876	-0.024
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6.933	-0.025
6.962	-0.026
6.991	-0.026
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7.049	-0.027
7.078	-0.027
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7.193	-0.029
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7.973	-0.039
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9.013	-0.201
9.042	-0.203
9.071	-0.205
9.100	-0.207
9.129	-0.209
9.158	-0.211
9.187	-0.213
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9.302	-0.220
9.331	-0.222
9.360	-0.224
9.389	-0.225
9.418	-0.227
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9.562	-0.235
9.591	-0.237
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9.649	-0.240
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9.880	-0.251
9.909	-0.253
9.938	-0.254
9.967	-0.255
9.996	-0.256
10.024	-0.258
10.053	-0.259
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33.858	-0.069
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56.709	-0.076
56.738	-0.076
56.767	-0.076
56.796	-0.077
56.824	-0.077
56.853	-0.077
56.882	-0.077
56.911	-0.078
56.940	-0.078
56.969	-0.078
56.998	-0.078
57.027	-0.078
57.056	-0.078
57.084	-0.078
57.113	-0.078
57.142	-0.078
57.171	-0.078
57.200	-0.078
57.229	-0.078
57.258	-0.078
57.287	-0.078
57.316	-0.078
57.344	-0.078
57.373	-0.078
57.402	-0.078

57.431	-0.078
57.460	-0.077
57.489	-0.077
57.518	-0.077
57.547	-0.077
57.576	-0.077
57.604	-0.077
57.633	-0.076
57.662	-0.076
57.691	-0.076
57.720	-0.076
57.749	-0.076
57.778	-0.076
57.807	-0.075
57.836	-0.075
57.864	-0.075
57.893	-0.075
57.922	-0.075
57.951	-0.074
57.980	-0.074
58.009	-0.074
58.038	-0.074
58.067	-0.074
58.096	-0.073
58.124	-0.073
58.153	-0.073
58.182	-0.073
58.211	-0.073
58.240	-0.072
58.269	-0.072
58.298	-0.072
58.327	-0.072
58.356	-0.072
58.384	-0.071
58.413	-0.071
58.442	-0.071
58.471	-0.071
58.500	-0.071
58.529	-0.071
58.558	-0.070
58.587	-0.070
58.616	-0.070
58.644	-0.070
58.673	-0.070
58.702	-0.069
58.731	-0.069
58.760	-0.069
58.789	-0.069
58.818	-0.069
58.847	-0.069
58.876	-0.068
58.904	-0.068
58.933	-0.068
58.962	-0.068
58.991	-0.068
59.020	-0.068
59.049	-0.067
59.078	-0.067
59.107	-0.067
59.136	-0.067
59.164	-0.067
59.193	-0.067
59.222	-0.067
59.251	-0.066
59.280	-0.066

59.309	-0.066
59.338	-0.066
59.367	-0.066
59.396	-0.066
59.424	-0.065
59.453	-0.065
59.482	-0.065
59.511	-0.065
59.540	-0.065
59.569	-0.065
59.598	-0.065
59.627	-0.065
59.656	-0.064
59.684	-0.064
59.713	-0.064
59.742	-0.064
59.771	-0.064
59.800	-0.064
59.829	-0.064
59.858	-0.064
59.887	-0.063
59.916	-0.063
59.944	-0.063
59.973	-0.063
60.002	-0.063
60.031	-0.063
60.060	-0.062
60.089	-0.062
60.118	-0.061
60.147	-0.061
60.176	-0.060
60.204	-0.059
60.233	-0.058
60.262	-0.058
60.291	-0.057
60.320	-0.057
60.349	-0.056
60.378	-0.056
60.407	-0.055
60.436	-0.055
60.464	-0.054
60.493	-0.054
60.522	-0.054
60.551	-0.053
60.580	-0.053
60.609	-0.053
60.638	-0.053
60.667	-0.052
60.696	-0.052
60.724	-0.052
60.753	-0.052
60.782	-0.052
60.811	-0.052
60.840	-0.051
60.869	-0.051
60.898	-0.051
60.927	-0.051
60.956	-0.051
60.984	-0.051
61.013	-0.051
61.042	-0.051
61.071	-0.051
61.100	-0.051
61.129	-0.051
61.158	-0.051

61.187	-0.051
61.216	-0.051
61.244	-0.050
61.273	-0.050
61.302	-0.050
61.331	-0.050
61.360	-0.050
61.389	-0.050
61.418	-0.050
61.447	-0.050
61.476	-0.050
61.504	-0.050
61.533	-0.050
61.562	-0.050
61.591	-0.050
61.620	-0.050
61.649	-0.050
61.678	-0.050
61.707	-0.050
61.736	-0.050
61.764	-0.050
61.793	-0.050
61.822	-0.050
61.851	-0.050
61.880	-0.050
61.909	-0.050
61.938	-0.050
61.967	-0.050
61.996	-0.050
62.024	-0.050
62.053	-0.050
62.082	-0.050
62.111	-0.050
62.140	-0.050
62.169	-0.050
62.198	-0.050
62.227	-0.050
62.256	-0.050
62.284	-0.050
62.313	-0.050
62.342	-0.050
62.371	-0.050
62.400	-0.050
62.429	-0.050
62.458	-0.050
62.487	-0.050
62.516	-0.050
62.544	-0.050
62.573	-0.050
62.602	-0.050
62.631	-0.050
62.660	-0.050
62.689	-0.050
62.718	-0.050
62.747	-0.050
62.776	-0.050
62.804	-0.050
62.833	-0.050
62.862	-0.050
62.891	-0.050
62.920	-0.050
62.949	-0.050
62.978	-0.050
63.007	-0.050
63.036	-0.050

63.064	-0.050
63.093	-0.050
63.122	-0.050
63.151	-0.050
63.180	-0.050
63.209	-0.050
63.238	-0.050
63.267	-0.050
63.296	-0.050
63.324	-0.050
63.353	-0.050
63.382	-0.050
63.411	-0.049
63.440	-0.049
63.469	-0.049
63.498	-0.049
63.527	-0.049
63.556	-0.049
63.584	-0.049
63.613	-0.049
63.642	-0.049
63.671	-0.049
63.700	-0.049
63.729	-0.049
63.758	-0.049
63.787	-0.049
63.816	-0.049
63.844	-0.049
63.873	-0.049
63.902	-0.049
63.931	-0.049
63.960	-0.049
63.989	-0.049
64.018	-0.049
64.047	-0.049
64.076	-0.049
64.104	-0.048
64.133	-0.048
64.162	-0.047
64.191	-0.047
64.220	-0.046
64.249	-0.046
64.278	-0.045
64.307	-0.045
64.336	-0.045
64.364	-0.044
64.393	-0.044
64.422	-0.044
64.451	-0.043
64.480	-0.043
64.509	-0.043
64.538	-0.042
64.567	-0.042
64.596	-0.042
64.624	-0.042
64.653	-0.042
64.682	-0.042
64.711	-0.041
64.740	-0.041
64.769	-0.041
64.798	-0.041
64.827	-0.041
64.856	-0.041
64.884	-0.041
64.913	-0.041

64.942	-0.041
64.971	-0.041
65.000	-0.041
65.029	-0.041
65.058	-0.041
65.087	-0.041
65.116	-0.041
65.144	-0.041
65.173	-0.040
65.202	-0.040
65.231	-0.040
65.260	-0.040
65.289	-0.040
65.318	-0.040
65.347	-0.040
65.376	-0.040
65.404	-0.040
65.433	-0.040
65.462	-0.040
65.491	-0.040
65.520	-0.040
65.549	-0.040
65.578	-0.040
65.607	-0.040
65.636	-0.040
65.664	-0.040
65.693	-0.040
65.722	-0.041
65.751	-0.041
65.780	-0.041
65.809	-0.041
65.838	-0.041
65.867	-0.041
65.896	-0.041
65.924	-0.041
65.953	-0.041
65.982	-0.041
66.011	-0.041
66.040	-0.041
66.069	-0.041
66.098	-0.041
66.127	-0.041
66.156	-0.041
66.184	-0.041
66.213	-0.041
66.242	-0.041
66.271	-0.041
66.300	-0.041
66.329	-0.041
66.358	-0.041
66.387	-0.041
66.416	-0.041
66.444	-0.041
66.473	-0.041
66.502	-0.041
66.531	-0.041
66.560	-0.041
66.589	-0.041
66.618	-0.041
66.647	-0.041
66.676	-0.041
66.704	-0.041
66.733	-0.041
66.762	-0.041
66.791	-0.041

66.820	-0.041
66.849	-0.041
66.878	-0.041
66.907	-0.041
66.936	-0.041
66.964	-0.041
66.993	-0.041
67.022	-0.041
67.051	-0.041
67.080	-0.041
67.109	-0.041
67.138	-0.041
67.167	-0.041
67.196	-0.041
67.224	-0.041
67.253	-0.041
67.282	-0.041
67.311	-0.041
67.340	-0.041
67.369	-0.041
67.398	-0.041
67.427	-0.041
67.456	-0.041
67.484	-0.041
67.513	-0.041
67.542	-0.041
67.571	-0.041
67.600	-0.041
67.629	-0.041
67.658	-0.041
67.687	-0.041
67.716	-0.041
67.744	-0.041
67.773	-0.041
67.802	-0.041
67.831	-0.041
67.860	-0.041
67.889	-0.041
67.918	-0.041
67.947	-0.041
67.976	-0.041
68.004	-0.041
68.033	-0.041
68.062	-0.041
68.091	-0.041
68.120	-0.041
68.149	-0.041
68.178	-0.041
68.207	-0.041
68.236	-0.040
68.264	-0.040
68.293	-0.040
68.322	-0.040
68.351	-0.040
68.380	-0.040
68.409	-0.040
68.438	-0.040
68.467	-0.040
68.496	-0.040
68.524	-0.039
68.553	-0.039
68.582	-0.039
68.611	-0.039
68.640	-0.039
68.669	-0.039

68.698	-0.039
68.727	-0.039
68.756	-0.039
68.784	-0.039
68.813	-0.039
68.842	-0.039
68.871	-0.039
68.900	-0.039
68.929	-0.039
68.958	-0.039
68.987	-0.039
69.016	-0.039
69.044	-0.039
69.073	-0.039
69.102	-0.039
69.131	-0.039
69.160	-0.039
69.189	-0.039
69.218	-0.039
69.247	-0.039
69.276	-0.039
69.304	-0.039
69.333	-0.039
69.362	-0.039
69.391	-0.039
69.420	-0.039
69.449	-0.039
69.478	-0.039
69.507	-0.038
69.536	-0.038
69.564	-0.038
69.593	-0.038
69.622	-0.038
69.651	-0.038
69.680	-0.038
69.709	-0.038
69.738	-0.038
69.767	-0.038
69.796	-0.038
69.824	-0.038
69.853	-0.038
69.882	-0.038
69.911	-0.038
69.940	-0.038
69.969	-0.038
69.998	-0.038
70.027	-0.038
70.056	-0.038
70.084	-0.038
70.113	-0.038
70.142	-0.038
70.171	-0.038
70.200	-0.038
70.229	-0.038
70.258	-0.038
70.287	-0.038
70.316	-0.038
70.344	-0.038
70.373	-0.038
70.402	-0.038
70.431	-0.038
70.460	-0.038
70.489	-0.038
70.518	-0.038
70.547	-0.038

70.576	-0.038
70.604	-0.038
70.633	-0.038
70.662	-0.038
70.691	-0.038
70.720	-0.038
70.749	-0.038
70.778	-0.038
70.807	-0.038
70.836	-0.038
70.864	-0.038
70.893	-0.038
70.922	-0.038
70.951	-0.038
70.980	-0.038
71.009	-0.038
71.038	-0.038
71.067	-0.038
71.096	-0.038
71.124	-0.038
71.153	-0.038
71.182	-0.038
71.211	-0.038
71.240	-0.038
71.269	-0.038
71.298	-0.038
71.327	-0.038
71.356	-0.038
71.384	-0.038
71.413	-0.038
71.442	-0.038
71.471	-0.038
71.500	-0.038
71.529	-0.038
71.558	-0.038
71.587	-0.038
71.616	-0.038
71.644	-0.038
71.673	-0.038
71.702	-0.038
71.731	-0.038
71.760	-0.038
71.789	-0.038
71.818	-0.038
71.847	-0.038
71.876	-0.038
71.904	-0.038
71.933	-0.038
71.962	-0.038
71.991	-0.038
72.020	-0.038
72.049	-0.038
72.078	-0.038
72.107	-0.038
72.136	-0.038
72.164	-0.038
72.193	-0.038
72.222	-0.038
72.251	-0.038
72.280	-0.038
72.309	-0.038
72.338	-0.037
72.367	-0.037
72.396	-0.037
72.424	-0.037

72.453	-0.037
72.482	-0.037
72.511	-0.037
72.540	-0.037
72.569	-0.037
72.598	-0.037
72.627	-0.037
72.656	-0.037
72.684	-0.037
72.713	-0.037
72.742	-0.037
72.771	-0.036
72.800	-0.036
72.829	-0.036
72.858	-0.036
72.887	-0.036
72.916	-0.036
72.944	-0.036
72.973	-0.036
73.002	-0.036
73.031	-0.036
73.060	-0.036
73.089	-0.036
73.118	-0.036
73.147	-0.036
73.176	-0.036
193.176	-0.009
313.176	-0.007
409.176	-0.001
433.176	0.000
553.176	0.000
673.176	0.000
793.176	0.000

Name: Hyd-4

Node: Node108

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000
0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	-0.000
1.133	-0.003
1.209	-0.014
1.284	-0.040
1.360	-0.060
1.436	-0.065
1.511	-0.075
1.587	-0.093
1.662	-0.115
1.738	-0.142
1.813	-0.174
1.889	-0.208

1.964	-0.246
2.040	-0.285
2.116	-0.325
2.191	-0.365
2.267	-0.405
2.342	-0.444
2.418	-0.478
2.493	-0.493
2.569	-0.493
2.644	-0.493
2.720	-0.493
2.796	-0.493
2.871	-0.493
2.947	-1.489
3.022	-1.674
3.098	-0.790
3.173	-0.660
3.249	-0.555
3.324	-0.471
3.400	-0.403
3.476	-0.351
3.551	-0.310
3.627	-0.277
3.702	-0.250
3.778	-0.227
3.853	-0.207
3.929	-0.191
4.004	-0.178
4.080	-0.167
4.156	-0.158
4.231	-0.149
4.307	-0.140
4.382	-0.133
4.458	-0.127
4.533	-0.122
4.609	-0.119
4.684	-0.116
4.760	-0.114
4.836	-0.113
4.911	-0.112
4.987	-0.111
5.062	-0.110
5.138	-0.109
5.213	-0.108
5.289	-0.108
5.364	-0.107
5.440	-0.107
5.516	-0.106
5.591	-0.105
5.667	-0.105
5.742	-0.104
5.818	-0.104
5.893	-0.103
5.969	-0.103
6.044	-0.102
6.120	-0.102
6.196	-0.101
6.271	-0.101
6.347	-0.100
6.422	-0.100
6.498	-0.099
6.573	-0.097
6.649	-0.096
6.724	-0.095
6.800	-0.093

6.876	-0.092
6.951	-0.091
7.027	-0.090
127.027	-0.005
247.027	-0.000
343.027	0.000
367.027	0.000
487.027	0.000
607.027	0.000
727.027	0.000

Name: Hyd-4

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	-0.000
0.549	-0.000
0.578	-0.002
0.607	-0.006
0.636	-0.013
0.664	-0.026
0.693	-0.044
0.722	-0.066
0.751	-0.092
0.780	-0.121
0.809	-0.151
0.838	-0.183
0.867	-0.215
0.896	-0.247
0.924	-0.279
0.953	-0.311
0.982	-0.343
1.011	-0.378
1.040	-0.399
1.069	-0.402
1.098	-0.402
1.127	-0.402
1.156	-0.403
1.184	-0.404
1.213	-0.405
1.242	-0.407
1.271	-0.408
1.300	-0.410
1.329	-0.412
1.358	-0.415
1.387	-0.417

1.416	-0.420
1.444	-0.422
1.473	-0.425
1.502	-0.428
1.531	-0.431
1.560	-0.434
1.589	-0.438
1.618	-0.441
1.647	-0.445
1.676	-0.449
1.704	-0.453
1.733	-0.458
1.762	-0.463
1.791	-0.468
1.820	-0.473
1.849	-0.478
1.878	-0.483
1.907	-0.488
1.936	-0.494
1.964	-0.499
1.993	-0.505
2.022	-0.510
2.051	-0.516
2.080	-0.521
2.109	-0.526
2.138	-0.532
2.167	-0.537
2.196	-0.542
2.224	-0.546
2.253	-0.551
2.282	-0.556
2.311	-0.560
2.340	-0.565
2.369	-0.569
2.398	-0.574
2.427	-0.578
2.456	-0.582
2.484	-0.585
2.513	-0.585
2.542	-0.585
2.571	-0.585
2.600	-0.585
2.629	-0.585
2.658	-0.585
2.687	-0.585
2.716	-0.585
2.744	-0.585
2.773	-0.585
2.802	-0.585
2.831	-0.585
2.860	-0.585
2.889	-0.585
2.918	-0.585
2.947	-0.585
2.976	-0.585
3.004	-0.585
3.033	-0.585
3.062	-0.585
3.091	-0.585
3.120	-0.585
3.149	-0.585
3.178	-0.585
3.207	-0.585
3.236	-0.585
3.264	-0.585

3.293	-0.585
3.322	-0.585
3.351	-0.585
3.380	-0.585
3.409	-0.585
3.438	-0.585
3.467	-0.585
3.496	-0.585
3.524	-0.824
3.553	-0.950
3.582	-0.813
3.611	-0.763
3.640	-0.715
3.669	-0.669
3.698	-0.627
3.727	-0.587
3.756	-0.552
3.784	-0.519
3.813	-0.490
3.842	-0.465
3.871	-0.441
3.900	-0.421
3.929	-0.402
3.958	-0.385
3.987	-0.370
4.016	-0.357
4.044	-0.345
4.073	-0.334
4.102	-0.323
4.131	-0.314
4.160	-0.305
4.189	-0.297
4.218	-0.290
4.247	-0.283
4.276	-0.276
4.304	-0.270
4.333	-0.264
4.362	-0.259
4.391	-0.253
4.420	-0.249
4.449	-0.244
4.478	-0.240
4.507	-0.235
4.536	-0.231
4.564	-0.228
4.593	-0.224
4.622	-0.220
4.651	-0.217
4.680	-0.214
4.709	-0.211
4.738	-0.208
4.767	-0.205
4.796	-0.202
4.824	-0.200
4.853	-0.197
4.882	-0.195
4.911	-0.192
4.940	-0.190
4.969	-0.188
4.998	-0.186
5.027	-0.184
5.056	-0.182
5.084	-0.180
5.113	-0.178
5.142	-0.176

5.171	-0.175
125.171	-0.013
245.171	-0.002
341.171	0.000
365.171	0.000
485.171	0.000
605.171	0.000
725.171	0.000

Name: Hyd-7

Node: Node108

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000
0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	0.000
1.133	0.000
1.209	0.000
1.284	0.000
1.360	0.000
1.436	0.000
1.511	0.000
1.587	0.000
1.662	0.000
1.738	0.000
1.813	0.000
1.889	0.000
1.964	0.000
2.040	0.000
2.116	0.000
2.191	0.000
2.267	0.000
2.342	0.000
2.418	0.000
2.493	0.000
2.569	0.000
2.644	0.000
2.720	0.000
2.796	0.000
2.871	0.000
2.947	0.000
3.022	0.000
3.098	0.000
3.173	0.000
3.249	0.000
3.324	0.000
3.400	0.000
3.476	0.000
3.551	0.000
3.627	0.000
3.702	0.000
3.778	0.000

3.853	0.000
3.929	0.000
4.004	0.000
4.080	0.000
4.156	0.000
4.231	0.000
4.307	0.000
4.382	0.000
4.458	0.000
4.533	0.000
4.609	0.000
4.684	0.000
4.760	0.000
4.836	0.000
4.911	0.000
4.987	0.000
5.062	0.000
5.138	0.000
5.213	0.000
5.289	0.000
5.364	0.000
5.440	0.000
5.516	0.000
5.591	0.000
5.667	0.000
5.742	0.000
5.818	0.000
5.893	0.000
5.969	0.000
6.044	0.000
6.120	0.000
6.196	0.000
6.271	0.000
6.347	0.000
6.422	0.000
6.498	0.000
6.573	0.000
6.649	0.000
6.724	0.000
6.800	0.000
6.876	0.000
6.951	0.000
7.027	0.000
7.102	0.000
7.178	0.000
7.253	0.000
7.329	0.000
7.404	0.000
7.480	0.000
7.556	0.000
7.631	0.000
7.707	0.000
7.782	0.000
7.858	0.000
7.933	0.000
8.009	0.000
8.084	0.000
8.160	0.000
8.236	0.000
8.311	0.000
8.387	0.000
8.462	0.000
8.538	0.000
8.613	0.000
8.689	0.000

8.764	0.000
8.840	0.000
8.916	0.000
8.991	0.000
9.067	0.000
9.142	0.000
9.218	0.000
9.293	0.000
9.369	0.000
9.444	0.000
9.520	0.000
9.596	0.000
9.671	0.000
9.747	0.000
9.822	0.000
9.898	0.000
9.973	0.000
10.049	0.000
10.124	0.000
10.200	0.000
10.276	0.000
10.351	0.000
10.427	0.000
10.502	0.000
10.578	0.000
10.653	0.000
10.729	0.000
10.804	0.000
10.880	0.000
10.956	0.000
11.031	0.000
11.107	0.000
11.182	0.000
11.258	0.000
11.333	0.000
11.409	0.000
11.484	0.000
11.560	0.000
11.636	0.000
11.711	0.000
11.787	0.000
11.862	0.000
11.938	0.000
12.013	0.000
12.089	0.000
12.164	0.000
12.240	0.000
12.316	0.000
12.391	0.000
12.467	0.000
12.542	0.000
12.618	0.000
12.693	0.000
12.769	0.000
12.844	0.000
12.920	0.000
12.996	0.000
13.071	0.000
13.147	0.000
13.222	0.000
13.298	0.000
13.373	0.000
13.449	0.000
13.524	0.000
13.600	0.000

13.676	0.000
13.751	0.000
13.827	0.000
13.902	0.000
13.978	0.000
14.053	0.000
14.129	0.000
14.204	0.000
14.280	0.000
14.356	0.000
14.431	0.000
14.507	0.000
14.582	0.000
14.658	0.000
14.733	0.000
14.809	0.000
14.884	0.000
14.960	0.000
15.036	0.000
15.111	0.000
15.187	0.000
15.262	0.000
15.338	0.000
15.413	0.000
15.489	0.000
15.564	0.000
15.640	0.000
15.716	0.000
15.791	0.000
15.867	0.000
15.942	0.000
16.018	0.000
16.093	0.000
16.169	0.000
16.244	0.000
16.320	0.000
16.396	0.000
16.471	0.000
16.547	0.000
16.622	0.000
16.698	0.000
16.773	0.000
16.849	0.000
16.924	0.000
17.000	0.000
17.076	0.000
17.151	0.000
17.227	0.000
17.302	0.000
17.378	0.000
17.453	0.000
17.529	0.000
17.604	0.000
17.680	0.000
17.756	0.000
17.831	0.000
17.907	0.000
17.982	0.000
18.058	0.000
18.133	0.000
18.209	0.000
18.284	0.000
18.360	0.000
18.436	0.000
18.511	0.000

18.587	0.000
18.662	0.000
18.738	0.000
18.813	0.000
18.889	0.000
18.964	0.000
19.040	0.000
19.116	0.000
19.191	0.000
19.267	-0.000
19.342	-0.000
19.418	-0.000
19.493	-0.000
19.569	-0.000
19.644	-0.000
19.720	-0.000
19.796	-0.000
19.871	-0.000
19.947	-0.001
20.022	-0.001
20.098	-0.001
20.173	-0.001
20.249	-0.001
20.324	-0.001
20.400	-0.002
20.476	-0.002
20.551	-0.002
20.627	-0.002
20.702	-0.002
20.778	-0.002
20.853	-0.003
20.929	-0.003
21.004	-0.003
21.080	-0.003
21.156	-0.003
21.231	-0.004
21.307	-0.004
21.382	-0.004
21.458	-0.004
21.533	-0.004
21.609	-0.005
21.684	-0.005
21.760	-0.005
21.836	-0.005
21.911	-0.005
21.987	-0.006
22.062	-0.006
22.138	-0.006
22.213	-0.006
22.289	-0.006
22.364	-0.007
22.440	-0.007
22.516	-0.007
22.591	-0.007
22.667	-0.007
22.742	-0.008
22.818	-0.008
22.893	-0.008
22.969	-0.008
23.044	-0.008
23.120	-0.008
23.196	-0.009
23.271	-0.009
23.347	-0.009
23.422	-0.009

23.498	-0.009
23.573	-0.010
23.649	-0.010
23.724	-0.010
23.800	-0.010
23.876	-0.010
23.951	-0.011
24.027	-0.011
24.102	-0.011
24.178	-0.011
24.253	-0.012
24.329	-0.012
24.404	-0.013
24.480	-0.014
24.556	-0.014
24.631	-0.015
24.707	-0.015
24.782	-0.016
24.858	-0.016
24.933	-0.017
25.009	-0.017
25.084	-0.017
25.160	-0.018
25.236	-0.018
25.311	-0.019
25.387	-0.019
25.462	-0.019
25.538	-0.020
25.613	-0.020
25.689	-0.020
25.764	-0.021
25.840	-0.021
25.916	-0.021
25.991	-0.022
26.067	-0.022
26.142	-0.022
26.218	-0.023
26.293	-0.023
26.369	-0.023
26.444	-0.024
26.520	-0.024
26.596	-0.024
26.671	-0.025
26.747	-0.025
26.822	-0.025
26.898	-0.025
26.973	-0.026
27.049	-0.026
27.124	-0.026
27.200	-0.027
27.276	-0.027
27.351	-0.027
27.427	-0.028
27.502	-0.028
27.578	-0.028
27.653	-0.028
27.729	-0.029
27.804	-0.029
27.880	-0.029
27.956	-0.030
28.031	-0.030
28.107	-0.030
28.182	-0.030
28.258	-0.031
28.333	-0.031

28.409	-0.031
28.484	-0.032
28.560	-0.032
28.636	-0.032
28.711	-0.032
28.787	-0.033
28.862	-0.033
28.938	-0.033
29.013	-0.033
29.089	-0.034
29.164	-0.034
29.240	-0.034
29.316	-0.035
29.391	-0.035
29.467	-0.035
29.542	-0.035
29.618	-0.036
29.693	-0.036
29.769	-0.036
29.844	-0.036
29.920	-0.037
29.996	-0.037
30.071	-0.037
30.147	-0.037
30.222	-0.038
30.298	-0.038
30.373	-0.038
30.449	-0.039
30.524	-0.039
30.600	-0.039
30.676	-0.039
30.751	-0.040
30.827	-0.040
30.902	-0.040
30.978	-0.040
31.053	-0.041
31.129	-0.041
31.204	-0.041
31.280	-0.041
31.356	-0.042
31.431	-0.042
31.507	-0.042
31.582	-0.042
31.658	-0.043
31.733	-0.043
31.809	-0.043
31.884	-0.043
31.960	-0.044
32.036	-0.045
32.111	-0.048
32.187	-0.055
32.262	-0.060
32.338	-0.062
32.413	-0.064
32.489	-0.067
32.564	-0.071
32.640	-0.076
32.716	-0.081
32.791	-0.086
32.867	-0.090
32.942	-0.095
33.018	-0.100
33.093	-0.105
33.169	-0.110
33.244	-0.114

33.320	-0.119
33.396	-0.123
33.471	-0.127
33.547	-0.131
33.622	-0.135
33.698	-0.139
33.773	-0.143
33.849	-0.147
33.924	-0.150
34.000	-0.154
34.076	-0.157
34.151	-0.161
34.227	-0.164
34.302	-0.167
34.378	-0.171
34.453	-0.170
34.529	-0.154
34.604	-0.308
34.680	-0.254
34.756	-0.219
34.831	-0.196
34.907	-0.180
34.982	-0.169
35.058	-0.161
35.133	-0.154
35.209	-0.150
35.284	-0.146
35.360	-0.143
35.436	-0.141
35.511	-0.139
35.587	-0.138
35.662	-0.136
35.738	-0.135
35.813	-0.134
35.889	-0.133
35.964	-0.133
36.040	-0.132
36.116	-0.132
36.191	-0.131
36.267	-0.131
36.342	-0.130
36.418	-0.130
36.493	-0.130
36.569	-0.130
36.644	-0.129
36.720	-0.129
36.796	-0.129
36.871	-0.129
36.947	-0.129
37.022	-0.129
37.098	-0.129
37.173	-0.129
37.249	-0.129
37.324	-0.129
37.400	-0.129
37.476	-0.129
37.551	-0.129
37.627	-0.129
37.702	-0.129
37.778	-0.129
37.853	-0.130
37.929	-0.130
38.004	-0.130
38.080	-0.130
38.156	-0.130

38.231	-0.130
38.307	-0.130
38.382	-0.130
38.458	-0.130
38.533	-0.131
38.609	-0.131
38.684	-0.131
38.760	-0.131
38.836	-0.131
38.911	-0.131
38.987	-0.131
39.062	-0.132
39.138	-0.132
39.213	-0.132
39.289	-0.132
39.364	-0.132
39.440	-0.132
39.516	-0.132
39.591	-0.133
39.667	-0.133
39.742	-0.133
39.818	-0.133
39.893	-0.133
39.969	-0.133
40.044	-0.133
40.120	-0.133
40.196	-0.134
40.271	-0.135
40.347	-0.135
40.422	-0.133
40.498	-0.131
40.573	-0.127
40.649	-0.124
40.724	-0.121
40.800	-0.117
40.876	-0.115
40.951	-0.112
41.027	-0.110
41.102	-0.108
41.178	-0.106
41.253	-0.104
41.329	-0.102
41.404	-0.101
41.480	-0.100
41.556	-0.098
41.631	-0.097
41.707	-0.096
41.782	-0.095
41.858	-0.094
41.933	-0.093
42.009	-0.092
42.084	-0.092
42.160	-0.091
42.236	-0.090
42.311	-0.089
42.387	-0.089
42.462	-0.088
42.538	-0.087
42.613	-0.087
42.689	-0.086
42.764	-0.086
42.840	-0.085
42.916	-0.085
42.991	-0.084
43.067	-0.084

43.142	-0.083
43.218	-0.083
43.293	-0.082
43.369	-0.082
43.444	-0.081
43.520	-0.081
43.596	-0.081
43.671	-0.080
43.747	-0.080
43.822	-0.079
43.898	-0.079
43.973	-0.079
44.049	-0.078
44.124	-0.078
44.200	-0.078
44.276	-0.077
44.351	-0.077
44.427	-0.077
44.502	-0.076
44.578	-0.076
44.653	-0.076
44.729	-0.075
44.804	-0.075
44.880	-0.075
44.956	-0.075
45.031	-0.074
45.107	-0.074
45.182	-0.074
45.258	-0.073
45.333	-0.073
45.409	-0.073
45.484	-0.073
45.560	-0.072
45.636	-0.072
45.711	-0.072
45.787	-0.072
45.862	-0.071
45.938	-0.071
46.013	-0.071
46.089	-0.071
46.164	-0.070
46.240	-0.070
46.316	-0.070
46.391	-0.070
46.467	-0.070
46.542	-0.069
46.618	-0.069
46.693	-0.069
46.769	-0.069
46.844	-0.069
46.920	-0.068
46.996	-0.068
47.071	-0.068
47.147	-0.068
47.222	-0.067
47.298	-0.067
47.373	-0.067
47.449	-0.067
47.524	-0.067
47.600	-0.067
47.676	-0.066
47.751	-0.066
47.827	-0.066
47.902	-0.066
47.978	-0.066

48.053	-0.065
48.129	-0.065
48.204	-0.065
48.280	-0.065
48.356	-0.065
48.431	-0.065
48.507	-0.066
48.582	-0.066
48.658	-0.066
48.733	-0.066
48.809	-0.066
48.884	-0.066
48.960	-0.066
49.036	-0.066
49.111	-0.066
49.187	-0.066
49.262	-0.065
49.338	-0.065
49.413	-0.065
49.489	-0.065
49.564	-0.065
49.640	-0.064
49.716	-0.064
49.791	-0.064
49.867	-0.064
49.942	-0.064
50.018	-0.063
50.093	-0.063
50.169	-0.063
50.244	-0.063
50.320	-0.063
50.396	-0.062
50.471	-0.062
50.547	-0.062
50.622	-0.062
50.698	-0.062
50.773	-0.061
50.849	-0.061
50.924	-0.061
51.000	-0.061
51.076	-0.061
51.151	-0.060
51.227	-0.060
51.302	-0.060
51.378	-0.060
51.453	-0.060
51.529	-0.059
51.604	-0.059
51.680	-0.059
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51.831	-0.059
51.907	-0.059
51.982	-0.058
52.058	-0.058
52.133	-0.058
52.209	-0.058
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52.587	-0.057
52.662	-0.057
52.738	-0.057
52.813	-0.057
52.889	-0.057

52.964	-0.057
53.040	-0.056
53.116	-0.056
53.191	-0.056
53.267	-0.056
53.342	-0.056
53.418	-0.056
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53.569	-0.056
53.644	-0.055
53.720	-0.055
53.796	-0.055
53.871	-0.055
53.947	-0.055
54.022	-0.055
54.098	-0.055
54.173	-0.055
54.249	-0.055
54.324	-0.054
54.400	-0.054
54.476	-0.054
54.551	-0.054
54.627	-0.054
54.702	-0.054
54.778	-0.054
54.853	-0.054
54.929	-0.054
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55.080	-0.053
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55.307	-0.053
55.382	-0.053
55.458	-0.053
55.533	-0.053
55.609	-0.053
55.684	-0.053
55.760	-0.052
55.836	-0.052
55.911	-0.052
55.987	-0.052
56.062	-0.052
56.138	-0.052
56.213	-0.052
56.289	-0.052
56.364	-0.052
56.440	-0.052
56.516	-0.051
56.591	-0.051
56.667	-0.051
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57.196	-0.051
57.271	-0.051
57.347	-0.050
57.422	-0.050
57.498	-0.050
57.573	-0.050
57.649	-0.050
57.724	-0.050
57.800	-0.050

57.876	-0.050
57.951	-0.050
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160.933	0.009

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161.084	0.007
161.160	0.006
161.236	0.005
161.311	0.004
161.387	0.003
161.462	0.002
161.538	0.001
161.613	-0.000
161.689	-0.001
161.765	-0.002
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161.991	-0.005
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170.982	-0.013
171.058	-0.013
291.058	-0.003
411.058	-0.002
507.058	-0.001
531.058	-0.001
651.058	-0.000
771.058	-0.000
891.058	0.000

Name: Hyd-7

Node: Node202

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000
1.098	0.000
1.127	0.000
1.156	0.000
1.184	0.000
1.213	0.000
1.242	0.000
1.271	0.000
1.300	0.000
1.329	0.000
1.358	0.000

1.387	0.000
1.416	0.000
1.444	0.000
1.473	0.000
1.502	0.000
1.531	0.000
1.560	0.000
1.589	0.000
1.618	0.000
1.647	0.000
1.676	0.000
1.704	0.000
1.733	0.000
1.762	0.000
1.791	0.000
1.820	0.000
1.849	0.000
1.878	0.000
1.907	0.000
1.936	0.000
1.964	0.000
1.993	0.000
2.022	0.000
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2.167	0.000
2.196	0.000
2.224	0.000
2.253	0.000
2.282	0.000
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2.427	0.000
2.456	0.000
2.484	0.000
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2.542	0.000
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2.600	0.000
2.629	0.000
2.658	0.000
2.687	0.000
2.716	0.000
2.744	0.000
2.773	0.000
2.802	0.000
2.831	0.000
2.860	0.000
2.889	0.000
2.918	0.000
2.947	0.000
2.976	0.000
3.004	0.000
3.033	0.000
3.062	0.000
3.091	0.000
3.120	0.000
3.149	0.000
3.178	0.000
3.207	0.000
3.236	0.000

3.264	0.000
3.293	0.000
3.322	0.000
3.351	0.000
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3.438	0.000
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166.862	-0.029
166.891	-0.029
166.920	-0.029
166.949	-0.029
166.978	-0.029
167.007	-0.029
167.036	-0.029
167.064	-0.029
167.093	-0.029
167.122	-0.029
167.151	-0.029
167.180	-0.029
167.209	-0.029
167.238	-0.029
167.267	-0.029
167.296	-0.029
167.324	-0.029
167.353	-0.029
167.382	-0.029
167.411	-0.029
167.440	-0.029
167.469	-0.029
167.498	-0.029
167.527	-0.029
167.556	-0.029
167.584	-0.029
167.613	-0.029
167.642	-0.029
167.671	-0.029
167.700	-0.029
167.729	-0.029
167.758	-0.029
167.787	-0.029
167.816	-0.029
167.845	-0.029
167.873	-0.029
167.902	-0.029
167.931	-0.029
167.960	-0.029
167.989	-0.029
168.018	-0.029
168.047	-0.029
168.076	-0.029
168.104	-0.029
168.133	-0.029
168.162	-0.028
168.191	-0.028
168.220	-0.028
168.249	-0.028
168.278	-0.028
168.307	-0.028
168.336	-0.028
168.364	-0.028
168.393	-0.027
168.422	-0.027
168.451	-0.027
168.480	-0.027

168.509	-0.027
168.538	-0.027
168.567	-0.027
168.596	-0.027
168.625	-0.027
168.653	-0.027
168.682	-0.026
168.711	-0.026
168.740	-0.026
168.769	-0.026
168.798	-0.026
168.827	-0.026
168.856	-0.026
168.884	-0.026
168.913	-0.026
168.942	-0.026
168.971	-0.026
169.000	-0.026
169.029	-0.026
169.058	-0.026
169.087	-0.026
169.116	-0.026
169.144	-0.026
169.173	-0.026
289.173	-0.003
409.173	-0.007
505.173	-0.005
529.173	-0.005
649.173	-0.001
769.173	0.000
889.173	0.000

Name: Hyd-8

Node: Node108

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000
0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	0.000
1.133	0.000
1.209	0.000
1.284	0.000
1.360	0.000
1.436	0.000
1.511	0.000
1.587	0.000
1.662	0.000
1.738	0.000
1.813	0.000
1.889	0.000
1.964	0.000
2.040	-0.000

2.116	-0.001
2.191	-0.004
2.267	-0.011
2.342	-0.025
2.418	-0.046
2.493	-0.060
2.569	-0.063
2.644	-0.068
2.720	-0.077
2.796	-0.087
2.871	-0.100
2.947	-0.113
3.022	-0.127
3.098	-0.143
3.173	-0.160
3.249	-0.180
3.324	-0.205
3.400	-0.234
3.476	-0.267
3.551	-0.303
3.627	-0.341
3.702	-0.380
3.778	-0.420
3.853	-0.460
3.929	-0.486
4.004	-0.493
4.080	-0.493
4.156	-0.493
4.231	-0.493
4.307	-0.493
4.382	-1.389
4.458	-1.560
4.533	-0.760
4.609	-0.630
4.684	-0.537
4.760	-0.468
4.836	-0.418
4.911	-0.379
4.987	-0.349
5.062	-0.322
5.138	-0.297
5.213	-0.272
5.289	-0.246
5.364	-0.221
5.440	-0.201
5.516	-0.184
5.591	-0.172
5.667	-0.164
5.742	-0.157
5.818	-0.152
5.893	-0.149
5.969	-0.146
6.044	-0.143
6.120	-0.141
6.196	-0.138
6.271	-0.136
6.347	-0.133
6.422	-0.131
6.498	-0.129
6.573	-0.128
6.649	-0.127
6.724	-0.126
6.800	-0.125
6.876	-0.125
6.951	-0.124

7.027	-0.123
7.102	-0.122
7.178	-0.120
7.253	-0.118
7.329	-0.115
7.404	-0.112
7.480	-0.110
7.556	-0.108
7.631	-0.106
7.707	-0.105
7.782	-0.105
7.858	-0.104
7.933	-0.104
8.009	-0.103
8.084	-0.102
8.160	-0.100
8.236	-0.097
8.311	-0.093
8.387	-0.089
8.462	-0.086
8.538	-0.083
8.613	-0.081
8.689	-0.080
8.764	-0.079
8.840	-0.078
8.916	-0.078
8.991	-0.078
9.067	-0.077
9.142	-0.077
9.218	-0.077
9.293	-0.077
9.369	-0.077
9.444	-0.077
9.520	-0.076
9.596	-0.076
9.671	-0.076
9.747	-0.076
9.822	-0.076
9.898	-0.076
9.973	-0.076
10.049	-0.076
10.124	-0.075
10.200	-0.075
10.276	-0.075
10.351	-0.075
10.427	-0.074
10.502	-0.074
10.578	-0.073
10.653	-0.072
10.729	-0.072
10.804	-0.071
10.880	-0.070
10.956	-0.070
11.031	-0.070
131.031	-0.005
251.031	-0.000
347.031	0.000
371.031	0.000
491.031	0.000
611.031	0.000
731.031	0.000

Name: Hyd-8

Node: Node202

Type: Flow

Time(hrs)	Flow(cfs)
-----	-----
0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000
1.098	0.000
1.127	0.000
1.156	-0.000
1.184	-0.000
1.213	-0.001
1.242	-0.002
1.271	-0.006
1.300	-0.011
1.329	-0.019
1.358	-0.029
1.387	-0.041
1.416	-0.055
1.444	-0.069
1.473	-0.084
1.502	-0.100
1.531	-0.116
1.560	-0.132
1.589	-0.148
1.618	-0.164
1.647	-0.181
1.676	-0.197
1.704	-0.212
1.733	-0.228
1.762	-0.243
1.791	-0.258

1.820	-0.273
1.849	-0.288
1.878	-0.302
1.907	-0.315
1.936	-0.329
1.964	-0.342
1.993	-0.355
2.022	-0.369
2.051	-0.387
2.080	-0.399
2.109	-0.402
2.138	-0.402
2.167	-0.402
2.196	-0.402
2.224	-0.403
2.253	-0.403
2.282	-0.403
2.311	-0.404
2.340	-0.405
2.369	-0.405
2.398	-0.406
2.427	-0.407
2.456	-0.408
2.484	-0.409
2.513	-0.409
2.542	-0.410
2.571	-0.411
2.600	-0.412
2.629	-0.413
2.658	-0.414
2.687	-0.416
2.716	-0.417
2.744	-0.418
2.773	-0.419
2.802	-0.420
2.831	-0.421
2.860	-0.423
2.889	-0.424
2.918	-0.425
2.947	-0.426
2.976	-0.428
3.004	-0.429
3.033	-0.430
3.062	-0.432
3.091	-0.433
3.120	-0.435
3.149	-0.438
3.178	-0.440
3.207	-0.444
3.236	-0.447
3.264	-0.451
3.293	-0.456
3.322	-0.460
3.351	-0.465
3.380	-0.470
3.409	-0.475
3.438	-0.480
3.467	-0.485
3.496	-0.490
3.524	-0.495
3.553	-0.501
3.582	-0.506
3.611	-0.511
3.640	-0.517
3.669	-0.522

3.698	-0.527
3.727	-0.533
3.756	-0.538
3.784	-0.543
3.813	-0.549
3.842	-0.554
3.871	-0.559
3.900	-0.565
3.929	-0.570
3.958	-0.575
3.987	-0.580
4.016	-0.584
4.044	-0.585
4.073	-0.585
4.102	-0.585
4.131	-0.585
4.160	-0.585
4.189	-0.585
4.218	-0.585
4.247	-0.585
4.276	-0.585
4.304	-0.585
4.333	-0.585
4.362	-0.585
4.391	-0.585
4.420	-0.585
4.449	-0.585
4.478	-0.585
4.507	-0.585
4.536	-0.585
4.564	-0.974
4.593	-1.085
4.622	-0.783
4.651	-0.737
4.680	-0.692
4.709	-0.650
4.738	-0.611
4.767	-0.575
4.796	-0.543
4.824	-0.514
4.853	-0.488
4.882	-0.464
4.911	-0.444
4.940	-0.425
4.969	-0.409
4.998	-0.394
5.027	-0.381
5.056	-0.369
5.084	-0.358
5.113	-0.348
5.142	-0.339
5.171	-0.330
5.200	-0.322
5.229	-0.315
5.258	-0.308
5.287	-0.301
5.316	-0.295
5.344	-0.289
5.373	-0.284
5.402	-0.278
5.431	-0.274
5.460	-0.269
5.489	-0.265
5.518	-0.261
5.547	-0.257

5.576	-0.253
5.604	-0.250
5.633	-0.246
5.662	-0.243
5.691	-0.240
5.720	-0.237
5.749	-0.234
5.778	-0.232
5.807	-0.229
5.836	-0.227
5.864	-0.224
5.893	-0.222
5.922	-0.220
5.951	-0.218
5.980	-0.215
6.009	-0.213
6.038	-0.211
6.067	-0.210
6.096	-0.208
6.124	-0.206
6.153	-0.204
6.182	-0.202
6.211	-0.200
6.240	-0.199
6.269	-0.197
6.298	-0.195
6.327	-0.194
6.356	-0.192
6.384	-0.191
6.413	-0.189
6.442	-0.188
6.471	-0.187
6.500	-0.185
6.529	-0.184
6.558	-0.183
6.587	-0.181
6.616	-0.180
6.644	-0.179
6.673	-0.178
6.702	-0.177
6.731	-0.175
6.760	-0.174
6.789	-0.173
6.818	-0.172
6.847	-0.171
6.876	-0.170
6.904	-0.169
6.933	-0.168
6.962	-0.167
6.991	-0.166
7.020	-0.165
7.049	-0.164
7.078	-0.163
7.107	-0.162
7.136	-0.161
7.164	-0.160
7.193	-0.159
7.222	-0.158
7.251	-0.157
7.280	-0.156
7.309	-0.155
7.338	-0.154
7.367	-0.153
7.396	-0.152
7.424	-0.151

7.453	-0.150
7.482	-0.149
7.511	-0.148
7.540	-0.147
7.569	-0.146
7.598	-0.146
7.627	-0.145
7.656	-0.144
7.684	-0.143
7.713	-0.143
7.742	-0.142
7.771	-0.141
7.800	-0.140
7.829	-0.140
7.858	-0.139
7.887	-0.139
7.916	-0.138
7.944	-0.137
7.973	-0.137
8.002	-0.136
8.031	-0.135
8.060	-0.135
8.089	-0.134
8.118	-0.133
8.147	-0.132
8.176	-0.131
8.204	-0.130
8.233	-0.129
8.262	-0.128
8.291	-0.127
8.320	-0.127
8.349	-0.126
8.378	-0.125
8.407	-0.124
8.436	-0.123
8.464	-0.123
8.493	-0.122
8.522	-0.121
8.551	-0.121
8.580	-0.120
8.609	-0.119
8.638	-0.119
8.667	-0.118
8.696	-0.118
8.724	-0.117
8.753	-0.116
8.782	-0.116
8.811	-0.115
8.840	-0.115
8.869	-0.114
8.898	-0.114
8.927	-0.113
8.956	-0.113
8.984	-0.112
9.013	-0.112
9.042	-0.112
9.071	-0.111
9.100	-0.111
9.129	-0.110
9.158	-0.110
129.158	-0.008
249.158	-0.004
345.158	0.000
369.158	0.000
489.158	0.000

609.158 0.000
729.158 0.000

Name: Hyd-10

Node: Node108

Type: Flow

Time(hrs) Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000
0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	0.000
1.133	0.000
1.209	0.000
1.284	0.000
1.360	0.000
1.436	0.000
1.511	0.000
1.587	0.000
1.662	0.000
1.738	0.000
1.813	0.000
1.889	0.000
1.964	0.000
2.040	0.000
2.116	0.000
2.191	0.000
2.267	0.000
2.342	0.000
2.418	0.000
2.493	0.000
2.569	0.000
2.644	0.000
2.720	0.000
2.796	0.000
2.871	0.000
2.947	0.000
3.022	0.000
3.098	0.000
3.173	0.000
3.249	0.000
3.324	0.000
3.400	0.000
3.476	0.000
3.551	0.000
3.627	0.000
3.702	0.000
3.778	0.000
3.853	0.000
3.929	0.000
4.004	0.000
4.080	0.000
4.156	0.000
4.231	0.000

4.307	0.000
4.382	0.000
4.458	0.000
4.533	0.000
4.609	0.000
4.684	0.000
4.760	0.000
4.836	0.000
4.911	0.000
4.987	0.000
5.062	0.000
5.138	0.000
5.213	0.000
5.289	0.000
5.364	0.000
5.440	0.000
5.516	0.000
5.591	0.000
5.667	0.000
5.742	0.000
5.818	0.000
5.893	0.000
5.969	0.000
6.044	0.000
6.120	0.000
6.196	0.000
6.271	0.000
6.347	0.000
6.422	0.000
6.498	0.000
6.573	0.000
6.649	0.000
6.724	0.000
6.800	0.000
6.876	0.000
6.951	0.000
7.027	0.000
7.102	0.000
7.178	0.000
7.253	0.000
7.329	0.000
7.404	0.000
7.480	0.000
7.556	0.000
7.631	0.000
7.707	0.000
7.782	0.000
7.858	0.000
7.933	0.000
8.009	0.000
8.084	0.000
8.160	0.000
8.236	0.000
8.311	0.000
8.387	0.000
8.462	0.000
8.538	0.000
8.613	0.000
8.689	0.000
8.764	0.000
8.840	0.000
8.916	0.000
8.991	0.000
9.067	0.000
9.142	0.000

9.218	0.000
9.293	0.000
9.369	0.000
9.444	0.000
9.520	0.000
9.596	0.000
9.671	0.000
9.747	0.000
9.822	0.000
9.898	0.000
9.973	0.000
10.049	0.000
10.124	0.000
10.200	0.000
10.276	0.000
10.351	0.000
10.427	0.000
10.502	0.000
10.578	0.000
10.653	0.000
10.729	0.000
10.804	0.000
10.880	0.000
10.956	0.000
11.031	0.000
11.107	0.000
11.182	0.000
11.258	0.000
11.333	0.000
11.409	0.000
11.484	0.000
11.560	0.000
11.636	0.000
11.711	0.000
11.787	0.000
11.862	0.000
11.938	0.000
12.013	0.000
12.089	0.000
12.164	0.000
12.240	0.000
12.316	0.000
12.391	0.000
12.467	0.000
12.542	0.000
12.618	0.000
12.693	0.000
12.769	0.000
12.844	0.000
12.920	0.000
12.996	0.000
13.071	0.000
13.147	0.000
13.222	0.000
13.298	0.000
13.373	0.000
13.449	0.000
13.524	0.000
13.600	0.000
13.676	0.000
13.751	0.000
13.827	0.000
13.902	0.000
13.978	0.000
14.053	0.000

14.129	0.000
14.204	0.000
14.280	0.000
14.356	0.000
14.431	0.000
14.507	0.000
14.582	0.000
14.658	0.000
14.733	0.000
14.809	0.000
14.884	0.000
14.960	0.000
15.036	0.000
15.111	0.000
15.187	0.000
15.262	0.000
15.338	0.000
15.413	0.000
15.489	0.000
15.564	0.000
15.640	0.000
15.716	0.000
15.791	0.000
15.867	0.000
15.942	0.000
16.018	0.000
16.093	0.000
16.169	0.000
16.244	0.000
16.320	0.000
16.396	0.000
16.471	0.000
16.547	0.000
16.622	0.000
16.698	0.000
16.773	0.000
16.849	0.000
16.924	0.000
17.000	0.000
17.076	0.000
17.151	0.000
17.227	0.000
17.302	0.000
17.378	0.000
17.453	0.000
17.529	0.000
17.604	0.000
17.680	0.000
17.756	0.000
17.831	0.000
17.907	0.000
17.982	0.000
18.058	0.000
18.133	0.000
18.209	0.000
18.284	0.000
18.360	0.000
18.436	0.000
18.511	0.000
18.587	0.000
18.662	0.000
18.738	0.000
18.813	0.000
18.889	0.000
18.964	0.000

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

19.040	0.000
19.116	0.000
19.191	0.000
19.267	0.000
19.342	0.000
19.418	0.000
19.493	0.000
19.569	0.000
19.644	0.000
19.720	0.000
19.796	0.000
19.871	0.000
19.947	0.000
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20.098	0.000
20.173	0.000
20.249	0.000
20.324	0.000
20.400	0.000
20.476	0.000
20.551	0.000
20.627	0.000
20.702	0.000
20.778	0.000
20.853	0.000
20.929	0.000
21.004	0.000
21.080	0.000
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21.911	0.000
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33.622	-0.119
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36.796	-0.158
36.871	-0.156
36.947	-0.155
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37.098	-0.153
37.173	-0.152
37.249	-0.151
37.324	-0.151
37.400	-0.150
37.476	-0.150
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37.778	-0.149
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37.929	-0.148
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38.080	-0.148
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38.836	-0.148
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39.591	-0.150
39.667	-0.150
39.742	-0.150
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39.969	-0.157
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40.876	-0.117
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242.911	-0.013
242.987	-0.013
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363.062	-0.004
483.062	-0.002
603.062	-0.001
723.062	-0.000
843.062	-0.000
963.062	-0.000
987.062	0.000

Name: Hyd-10

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000

0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000
1.098	0.000
1.127	0.000
1.156	0.000
1.184	0.000
1.213	0.000
1.242	0.000
1.271	0.000
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1.329	0.000
1.358	0.000
1.387	0.000
1.416	0.000
1.444	0.000
1.473	0.000
1.502	0.000
1.531	0.000
1.560	0.000
1.589	0.000
1.618	0.000
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1.762	0.000
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1.907	0.000
1.936	0.000
1.964	0.000
1.993	0.000
2.022	0.000
2.051	0.000
2.080	0.000
2.109	0.000
2.138	0.000
2.167	0.000

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

2.196	0.000
2.224	0.000
2.253	0.000
2.282	0.000
2.311	0.000
2.340	0.000
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32.153	-0.128
32.182	-0.144
32.211	-0.157

32.240	-0.169
32.269	-0.179
32.298	-0.188
32.327	-0.195
32.356	-0.202
32.384	-0.208
32.413	-0.213
32.442	-0.218
32.471	-0.222
32.500	-0.226
32.529	-0.230
32.558	-0.233
32.587	-0.236
32.616	-0.239
32.644	-0.241
32.673	-0.243
32.702	-0.246
32.731	-0.247
32.760	-0.249
32.789	-0.251
32.818	-0.252
32.847	-0.254
32.876	-0.255
32.904	-0.256
32.933	-0.257
32.962	-0.258
32.991	-0.259
33.020	-0.260
33.049	-0.260
33.078	-0.261
33.107	-0.262
33.136	-0.262
33.164	-0.263
33.193	-0.264
33.222	-0.264
33.251	-0.265
33.280	-0.265
33.309	-0.266
33.338	-0.266
33.367	-0.267
33.396	-0.267
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33.453	-0.269
33.482	-0.269
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33.540	-0.270
33.569	-0.271
33.598	-0.271
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33.656	-0.272
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33.713	-0.273
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33.771	-0.274
33.800	-0.274
33.829	-0.275
33.858	-0.275
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34.060	-0.279
34.089	-0.279

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35.967	-0.178

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36.718	-0.122
36.747	-0.121
36.776	-0.120
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36.862	-0.118
36.891	-0.117
36.920	-0.116
36.949	-0.115
36.978	-0.115
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37.064	-0.113
37.093	-0.112
37.122	-0.111
37.151	-0.111
37.180	-0.110
37.209	-0.110
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37.267	-0.109
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37.324	-0.108
37.353	-0.107
37.382	-0.107
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37.440	-0.106
37.469	-0.106
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37.613	-0.104
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37.671	-0.103
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37.816	-0.101
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240.933	-0.024
240.962	-0.024
240.991	-0.024
241.020	-0.024
241.049	-0.024
241.078	-0.024
241.107	-0.024
241.136	-0.024
241.164	-0.024
361.164	-0.010
481.164	-0.007
601.164	-0.004
721.164	-0.002
841.164	0.000
961.164	0.000
985.164	0.000

Name: Hyd-24

Node: Node108

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.076	0.000
0.151	0.000
0.227	0.000
0.302	0.000
0.378	0.000
0.453	0.000
0.529	0.000
0.604	0.000
0.680	0.000
0.756	0.000
0.831	0.000
0.907	0.000
0.982	0.000
1.058	0.000
1.133	0.000
1.209	0.000
1.284	0.000
1.360	0.000
1.436	0.000
1.511	0.000
1.587	0.000
1.662	0.000
1.738	0.000
1.813	0.000
1.889	0.000
1.964	0.000
2.040	0.000
2.116	0.000
2.191	0.000
2.267	0.000
2.342	0.000
2.418	0.000
2.493	0.000

2.569	0.000
2.644	0.000
2.720	0.000
2.796	0.000
2.871	0.000
2.947	0.000
3.022	0.000
3.098	0.000
3.173	0.000
3.249	0.000
3.324	0.000
3.400	0.000
3.476	0.000
3.551	0.000
3.627	0.000
3.702	0.000
3.778	0.000
3.853	0.000
3.929	0.000
4.004	0.000
4.080	-0.000
4.156	-0.000
4.231	-0.000
4.307	-0.001
4.382	-0.002
4.458	-0.004
4.533	-0.007
4.609	-0.010
4.684	-0.014
4.760	-0.018
4.836	-0.023
4.911	-0.028
4.987	-0.033
5.062	-0.039
5.138	-0.046
5.213	-0.053
5.289	-0.060
5.364	-0.062
5.440	-0.063
5.516	-0.065
5.591	-0.069
5.667	-0.072
5.742	-0.077
5.818	-0.081
5.893	-0.086
5.969	-0.091
6.044	-0.096
6.120	-0.102
6.196	-0.107
6.271	-0.112
6.347	-0.118
6.422	-0.123
6.498	-0.129
6.573	-0.134
6.649	-0.140
6.724	-0.146
6.800	-0.151
6.876	-0.157
6.951	-0.162
7.027	-0.167
7.102	-0.173
7.178	-0.178
7.253	-0.184
7.329	-0.189
7.404	-0.194

7.480	-0.200
7.556	-0.205
7.631	-0.210
7.707	-0.215
7.782	-0.221
7.858	-0.226
7.933	-0.231
8.009	-0.236
8.084	-0.241
8.160	-0.246
8.236	-0.251
8.311	-0.257
8.387	-0.263
8.462	-0.527
8.538	-0.625
8.613	-0.422
8.689	-0.358
8.764	-0.315
8.840	-0.287
8.916	-0.268
8.991	-0.255
9.067	-0.245
9.142	-0.239
9.218	-0.234
9.293	-0.230
9.369	-0.228
9.444	-0.226
9.520	-0.224
9.596	-0.223
9.671	-0.222
9.747	-0.222
9.822	-0.221
9.898	-0.221
9.973	-0.221
10.049	-0.221
10.124	-0.222
10.200	-0.226
10.276	-0.242
10.351	-0.261
10.427	-0.268
10.502	-0.267
10.578	-0.263
10.653	-0.257
10.729	-0.250
10.804	-0.242
10.880	-0.234
10.956	-0.227
11.031	-0.220
11.107	-0.214
11.182	-0.210
11.258	-0.207
11.333	-0.205
11.409	-0.203
11.484	-0.201
11.560	-0.199
11.636	-0.196
11.711	-0.193
11.787	-0.190
11.862	-0.186
11.938	-0.183
12.013	-0.180
12.089	-0.175
12.164	-0.170
12.240	-0.162
12.316	-0.154

12.391	-0.146
12.467	-0.139
12.542	-0.134
12.618	-0.130
12.693	-0.127
12.769	-0.125
12.844	-0.124
12.920	-0.122
12.996	-0.121
13.071	-0.120
13.147	-0.119
13.222	-0.117
13.298	-0.114
13.373	-0.112
13.449	-0.109
13.524	-0.108
13.600	-0.107
13.676	-0.106
13.751	-0.105
13.827	-0.105
13.902	-0.104
13.978	-0.104
14.053	-0.104
14.129	-0.104
14.204	-0.103
14.280	-0.103
14.356	-0.103
14.431	-0.103
14.507	-0.103
14.582	-0.102
14.658	-0.102
14.733	-0.102
14.809	-0.102
14.884	-0.101
14.960	-0.101
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15.111	-0.100
15.187	-0.098
15.262	-0.096
15.338	-0.094
15.413	-0.091
15.489	-0.090
15.564	-0.088
15.640	-0.088
15.716	-0.087
15.791	-0.087
15.867	-0.086
15.942	-0.086
16.018	-0.086
16.093	-0.086
16.169	-0.084
16.244	-0.083
16.320	-0.081
16.396	-0.079
16.471	-0.077
16.547	-0.076
16.622	-0.075
16.698	-0.075
16.773	-0.075
16.849	-0.075
16.924	-0.075
17.000	-0.075
17.076	-0.075
17.151	-0.075
17.227	-0.076

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17.378	-0.076
17.453	-0.076
17.529	-0.076
17.604	-0.076
17.680	-0.076
17.756	-0.076
17.831	-0.076
17.907	-0.076
17.982	-0.076
18.058	-0.076
18.133	-0.076
18.209	-0.076
18.284	-0.076
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18.511	-0.076
18.587	-0.076
18.662	-0.076
18.738	-0.076
18.813	-0.076
18.889	-0.075
18.964	-0.075
19.040	-0.075
19.116	-0.074
19.191	-0.073
19.267	-0.071
19.342	-0.069
19.418	-0.067
19.493	-0.065
19.569	-0.064
19.644	-0.063
19.720	-0.063
19.796	-0.062
19.871	-0.062
19.947	-0.062
20.022	-0.063
20.098	-0.063
20.173	-0.063
20.249	-0.063
20.324	-0.063
20.400	-0.063
20.476	-0.063
20.551	-0.063
20.627	-0.064
20.702	-0.064
20.778	-0.064
20.853	-0.064
20.929	-0.064
21.004	-0.064
21.080	-0.064
21.156	-0.063
21.231	-0.061
21.307	-0.059
21.382	-0.057
21.458	-0.056
21.533	-0.054
21.609	-0.054
21.684	-0.053
21.760	-0.053
21.836	-0.053
21.911	-0.053
21.987	-0.053
22.062	-0.053
22.138	-0.052

22.213	-0.051
22.289	-0.050
22.364	-0.048
22.440	-0.047
22.516	-0.045
22.591	-0.045
22.667	-0.044
22.742	-0.044
22.818	-0.044
22.893	-0.044
22.969	-0.045
23.044	-0.045
23.120	-0.045
23.196	-0.045
23.271	-0.046
23.347	-0.046
23.422	-0.047
23.498	-0.047
23.573	-0.047
23.649	-0.048
23.724	-0.048
23.800	-0.048
23.876	-0.048
23.951	-0.049
24.027	-0.049
24.102	-0.049
24.178	-0.048
24.253	-0.047
24.329	-0.045
24.404	-0.043
24.480	-0.042
24.556	-0.041
24.631	-0.040
24.707	-0.040
24.782	-0.039
24.858	-0.039
24.933	-0.039
25.009	-0.039
25.084	-0.039
25.160	-0.039
25.236	-0.039
25.311	-0.039
25.387	-0.039
25.462	-0.040
25.538	-0.040
25.613	-0.040
25.689	-0.040
25.764	-0.040
25.840	-0.040
25.916	-0.040
25.991	-0.040
26.067	-0.041
26.142	-0.041
26.218	-0.041
26.293	-0.041
26.369	-0.041
26.444	-0.041
26.520	-0.041
26.596	-0.041
26.671	-0.041
26.747	-0.041
26.822	-0.041
26.898	-0.041
26.973	-0.040
27.049	-0.040

51.049	-0.017
75.049	-0.010
147.049	-0.003
195.049	-0.001
267.049	-0.000
339.049	0.000
387.049	0.000
507.049	0.000
627.049	0.000
747.049	0.000

Name: Hyd-24

Node: Node202

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.029	0.000
0.058	0.000
0.087	0.000
0.116	0.000
0.144	0.000
0.173	0.000
0.202	0.000
0.231	0.000
0.260	0.000
0.289	0.000
0.318	0.000
0.347	0.000
0.376	0.000
0.404	0.000
0.433	0.000
0.462	0.000
0.491	0.000
0.520	0.000
0.549	0.000
0.578	0.000
0.607	0.000
0.636	0.000
0.664	0.000
0.693	0.000
0.722	0.000
0.751	0.000
0.780	0.000
0.809	0.000
0.838	0.000
0.867	0.000
0.896	0.000
0.924	0.000
0.953	0.000
0.982	0.000
1.011	0.000
1.040	0.000
1.069	0.000
1.098	0.000
1.127	0.000
1.156	0.000
1.184	0.000
1.213	0.000
1.242	0.000
1.271	0.000
1.300	0.000
1.329	0.000
1.358	0.000
1.387	0.000

1.416	0.000
1.444	0.000
1.473	0.000
1.502	0.000
1.531	0.000
1.560	0.000
1.589	0.000
1.618	0.000
1.647	0.000
1.676	0.000
1.704	0.000
1.733	0.000
1.762	0.000
1.791	-0.000
1.820	-0.000
1.849	-0.000
1.878	-0.000
1.907	-0.000
1.936	-0.001
1.964	-0.001
1.993	-0.002
2.022	-0.003
2.051	-0.005
2.080	-0.006
2.109	-0.008
2.138	-0.011
2.167	-0.014
2.196	-0.017
2.224	-0.020
2.253	-0.023
2.282	-0.026
2.311	-0.029
2.340	-0.032
2.369	-0.036
2.398	-0.039
2.427	-0.042
2.456	-0.046
2.484	-0.049
2.513	-0.052
2.542	-0.056
2.571	-0.059
2.600	-0.062
2.629	-0.065
2.658	-0.069
2.687	-0.072
2.716	-0.075
2.744	-0.078
2.773	-0.081
2.802	-0.084
2.831	-0.087
2.860	-0.090
2.889	-0.093
2.918	-0.096
2.947	-0.099
2.976	-0.101
3.004	-0.104
3.033	-0.107
3.062	-0.109
3.091	-0.112
3.120	-0.114
3.149	-0.117
3.178	-0.119
3.207	-0.122
3.236	-0.124
3.264	-0.127

3.293	-0.129
3.322	-0.131
3.351	-0.133
3.380	-0.136
3.409	-0.138
3.438	-0.140
3.467	-0.142
3.496	-0.144
3.524	-0.146
3.553	-0.148
3.582	-0.150
3.611	-0.152
3.640	-0.154
3.669	-0.156
3.698	-0.158
3.727	-0.159
3.756	-0.161
3.784	-0.163
3.813	-0.165
3.842	-0.167
3.871	-0.168
3.900	-0.170
3.929	-0.172
3.958	-0.173
3.987	-0.175
4.016	-0.176
4.044	-0.178
4.073	-0.180
4.102	-0.181
4.131	-0.183
4.160	-0.184
4.189	-0.186
4.218	-0.187
4.247	-0.189
4.276	-0.190
4.304	-0.192
4.333	-0.193
4.362	-0.194
4.391	-0.196
4.420	-0.197
4.449	-0.198
4.478	-0.200
4.507	-0.201
4.536	-0.202
4.564	-0.203
4.593	-0.205
4.622	-0.206
4.651	-0.207
4.680	-0.208
4.709	-0.209
4.738	-0.210
4.767	-0.212
4.796	-0.213
4.824	-0.214
4.853	-0.215
4.882	-0.216
4.911	-0.217
4.940	-0.218
4.969	-0.219
4.998	-0.220
5.027	-0.222
5.056	-0.226
5.084	-0.232
5.113	-0.239
5.142	-0.248

5.171	-0.256
5.200	-0.264
5.229	-0.270
5.258	-0.276
5.287	-0.281
5.316	-0.286
5.344	-0.290
5.373	-0.294
5.402	-0.297
5.431	-0.301
5.460	-0.304
5.489	-0.306
5.518	-0.309
5.547	-0.312
5.576	-0.314
5.604	-0.316
5.633	-0.318
5.662	-0.320
5.691	-0.322
5.720	-0.324
5.749	-0.326
5.778	-0.328
5.807	-0.329
5.836	-0.331
5.864	-0.332
5.893	-0.334
5.922	-0.335
5.951	-0.336
5.980	-0.338
6.009	-0.339
6.038	-0.340
6.067	-0.341
6.096	-0.342
6.124	-0.343
6.153	-0.345
6.182	-0.346
6.211	-0.347
6.240	-0.348
6.269	-0.349
6.298	-0.350
6.327	-0.351
6.356	-0.351
6.384	-0.352
6.413	-0.353
6.442	-0.354
6.471	-0.355
6.500	-0.356
6.529	-0.357
6.558	-0.358
6.587	-0.359
6.616	-0.360
6.644	-0.360
6.673	-0.361
6.702	-0.362
6.731	-0.363
6.760	-0.364
6.789	-0.364
6.818	-0.365
6.847	-0.366
6.876	-0.367
6.904	-0.368
6.933	-0.368
6.962	-0.369
6.991	-0.370
7.020	-0.370

7.049	-0.371
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7.107	-0.373
7.136	-0.374
7.164	-0.374
7.193	-0.375
7.222	-0.376
7.251	-0.376
7.280	-0.377
7.309	-0.378
7.338	-0.379
7.367	-0.379
7.396	-0.380
7.424	-0.380
7.453	-0.381
7.482	-0.382
7.511	-0.382
7.540	-0.383
7.569	-0.384
7.598	-0.384
7.627	-0.385
7.656	-0.385
7.684	-0.386
7.713	-0.386
7.742	-0.387
7.771	-0.387
7.800	-0.388
7.829	-0.389
7.858	-0.389
7.887	-0.390
7.916	-0.390
7.944	-0.391
7.973	-0.391
8.002	-0.392
8.031	-0.396
8.060	-0.404
8.089	-0.417
8.118	-0.373
8.147	-0.293
8.176	-0.259
8.204	-0.248
8.233	-0.237
8.262	-0.228
8.291	-0.220
8.320	-0.213
8.349	-0.207
8.378	-0.201
8.407	-0.196
8.436	-0.191
8.464	-0.187
8.493	-0.183
8.522	-0.180
8.551	-0.177
8.580	-0.174
8.609	-0.171
8.638	-0.169
8.667	-0.167
8.696	-0.165
8.724	-0.163
8.753	-0.161
8.782	-0.159
8.811	-0.158
8.840	-0.156
8.869	-0.155
8.898	-0.153

8.927	-0.152
8.956	-0.151
8.984	-0.150
9.013	-0.149
9.042	-0.148
9.071	-0.147
9.100	-0.146
9.129	-0.145
9.158	-0.145
9.187	-0.144
9.216	-0.143
9.244	-0.142
9.273	-0.142
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9.331	-0.141
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9.447	-0.138
9.476	-0.138
9.504	-0.137
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9.996	-0.132
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10.544	-0.134
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11.671	-0.147
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12.913	-0.145
12.942	-0.144
12.971	-0.144
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13.202	-0.143
13.231	-0.143
13.260	-0.143
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13.318	-0.142
13.347	-0.142
13.376	-0.142
13.404	-0.142
13.433	-0.141
13.462	-0.141
13.491	-0.141
13.520	-0.141
13.549	-0.141
13.578	-0.141
13.607	-0.140
13.636	-0.140
13.664	-0.140
13.693	-0.140
13.722	-0.140
13.751	-0.140
13.780	-0.140
13.809	-0.140
13.838	-0.141
13.867	-0.141
13.896	-0.141
13.924	-0.141
13.953	-0.141
13.982	-0.141
14.011	-0.141
14.040	-0.141
14.069	-0.141
14.098	-0.141
14.127	-0.141
14.156	-0.141
14.184	-0.141
14.213	-0.140
14.242	-0.140
14.271	-0.140
14.300	-0.140
14.329	-0.139
14.358	-0.139
14.387	-0.139
14.416	-0.138
14.444	-0.138
14.473	-0.138
14.502	-0.138
14.531	-0.137

14.560	-0.137
14.589	-0.136
14.618	-0.136
14.647	-0.136
14.676	-0.135
14.704	-0.135
14.733	-0.135
14.762	-0.134
14.791	-0.134
14.820	-0.133
14.849	-0.133
14.878	-0.133
14.907	-0.132
14.936	-0.132
14.964	-0.131
14.993	-0.131
15.022	-0.131
15.051	-0.130
15.080	-0.130
15.109	-0.129
15.138	-0.128
15.167	-0.128
15.196	-0.127
15.224	-0.126
15.253	-0.126
15.282	-0.125
15.311	-0.125
15.340	-0.124
15.369	-0.123
15.398	-0.123
15.427	-0.122
15.456	-0.122
15.484	-0.121
15.513	-0.121
15.542	-0.120
15.571	-0.120
15.600	-0.119
15.629	-0.119
15.658	-0.119
15.687	-0.118
15.716	-0.118
15.744	-0.117
15.773	-0.117
15.802	-0.116
15.831	-0.116
15.860	-0.116
15.889	-0.115
15.918	-0.115
15.947	-0.114
15.976	-0.114
16.004	-0.114
16.033	-0.113
16.062	-0.113
16.091	-0.112
16.120	-0.112
16.149	-0.111
16.178	-0.111
16.207	-0.110
16.236	-0.110
16.264	-0.109
16.293	-0.109
16.322	-0.108
16.351	-0.108
16.380	-0.107
16.409	-0.107

16.438	-0.107
16.467	-0.106
16.496	-0.106
16.524	-0.105
16.553	-0.105
16.582	-0.105
16.611	-0.104
16.640	-0.104
16.669	-0.104
16.698	-0.103
16.727	-0.103
16.756	-0.103
16.784	-0.102
16.813	-0.102
16.842	-0.102
16.871	-0.102
16.900	-0.101
16.929	-0.101
16.958	-0.101
16.987	-0.100
17.016	-0.100
17.044	-0.100
17.073	-0.100
17.102	-0.099
17.131	-0.099
17.160	-0.099
17.189	-0.099
17.218	-0.099
17.247	-0.098
17.276	-0.098
17.304	-0.098
17.333	-0.098
17.362	-0.097
17.391	-0.097
17.420	-0.097
17.449	-0.097
17.478	-0.097
17.507	-0.096
17.536	-0.096
17.564	-0.096
17.593	-0.096
17.622	-0.096
17.651	-0.095
17.680	-0.095
17.709	-0.095
17.738	-0.095
17.767	-0.095
17.796	-0.094
17.824	-0.094
17.853	-0.094
17.882	-0.094
17.911	-0.094
17.940	-0.094
17.969	-0.093
17.998	-0.093
18.027	-0.093
18.056	-0.093
18.084	-0.093
18.113	-0.093
18.142	-0.092
18.171	-0.092
18.200	-0.092
18.229	-0.092
18.258	-0.092
18.287	-0.092

18.316	-0.091
18.344	-0.091
18.373	-0.091
18.402	-0.091
18.431	-0.091
18.460	-0.091
18.489	-0.091
18.518	-0.090
18.547	-0.090
18.576	-0.090
18.604	-0.090
18.633	-0.090
18.662	-0.090
18.691	-0.090
18.720	-0.089
18.749	-0.089
18.778	-0.089
18.807	-0.089
18.836	-0.089
18.864	-0.089
18.893	-0.089
18.922	-0.088
18.951	-0.088
18.980	-0.088
19.009	-0.088
19.038	-0.088
19.067	-0.088
19.096	-0.087
19.124	-0.087
19.153	-0.087
19.182	-0.086
19.211	-0.086
19.240	-0.086
19.269	-0.085
19.298	-0.085
19.327	-0.085
19.356	-0.084
19.384	-0.084
19.413	-0.084
19.442	-0.084
19.471	-0.083
19.500	-0.083
19.529	-0.083
19.558	-0.083
19.587	-0.082
19.616	-0.082
19.644	-0.082
19.673	-0.082
19.702	-0.082
19.731	-0.082
19.760	-0.081
19.789	-0.081
19.818	-0.081
19.847	-0.081
19.876	-0.081
19.904	-0.081
19.933	-0.081
19.962	-0.080
19.991	-0.080
20.020	-0.080
20.049	-0.080
20.078	-0.080
20.107	-0.080
20.136	-0.080
20.164	-0.080

20.193	-0.080
20.222	-0.079
20.251	-0.079
20.280	-0.079
20.309	-0.079
20.338	-0.079
20.367	-0.079
20.396	-0.079
20.424	-0.079
20.453	-0.079
20.482	-0.079
20.511	-0.078
20.540	-0.078
20.569	-0.078
20.598	-0.078
20.627	-0.078
20.656	-0.078
20.684	-0.078
20.713	-0.078
20.742	-0.078
20.771	-0.078
20.800	-0.078
20.829	-0.077
20.858	-0.077
20.887	-0.077
20.916	-0.077
20.944	-0.077
20.973	-0.077
21.002	-0.077
21.031	-0.077
21.060	-0.077
21.089	-0.077
21.118	-0.076
21.147	-0.076
21.176	-0.076
21.204	-0.075
21.233	-0.075
21.262	-0.075
21.291	-0.074
21.320	-0.074
21.349	-0.074
21.378	-0.074
21.407	-0.074
21.436	-0.073
21.464	-0.073
21.493	-0.073
21.522	-0.073
21.551	-0.073
21.580	-0.072
21.609	-0.072
21.638	-0.072
21.667	-0.072
21.696	-0.072
21.724	-0.072
21.753	-0.072
21.782	-0.072
21.811	-0.071
21.840	-0.071
21.869	-0.071
21.898	-0.071
21.927	-0.071
21.956	-0.071
21.984	-0.071
22.013	-0.071
22.042	-0.071

22.071	-0.070
22.100	-0.070
22.129	-0.070
22.158	-0.070
22.187	-0.069
22.216	-0.069
22.244	-0.069
22.273	-0.069
22.302	-0.068
22.331	-0.068
22.360	-0.068
22.389	-0.068
22.418	-0.067
22.447	-0.067
22.476	-0.067
22.504	-0.067
22.533	-0.067
22.562	-0.067
22.591	-0.066
22.620	-0.066
22.649	-0.066
22.678	-0.066
22.707	-0.066
22.736	-0.066
22.764	-0.066
22.793	-0.066
22.822	-0.066
22.851	-0.065
22.880	-0.065
22.909	-0.065
22.938	-0.065
22.967	-0.065
22.996	-0.065
23.024	-0.065
23.053	-0.065
23.082	-0.065
23.111	-0.065
23.140	-0.065
23.169	-0.065
23.198	-0.065
23.227	-0.064
23.256	-0.064
23.284	-0.064
23.313	-0.064
23.342	-0.064
23.371	-0.064
23.400	-0.064
23.429	-0.064
23.458	-0.064
23.487	-0.064
23.516	-0.064
23.544	-0.064
23.573	-0.064
23.602	-0.064
23.631	-0.064
23.660	-0.064
23.689	-0.064
23.718	-0.064
23.747	-0.064
23.776	-0.064
23.804	-0.064
23.833	-0.064
23.862	-0.063
23.891	-0.063
23.920	-0.063

23.949	-0.063
23.978	-0.063
24.007	-0.063
24.036	-0.063
24.064	-0.063
24.093	-0.063
24.122	-0.063
24.151	-0.063
24.180	-0.062
24.209	-0.062
24.238	-0.062
24.267	-0.062
24.296	-0.061
24.324	-0.061
24.353	-0.061
24.382	-0.061
24.411	-0.061
24.440	-0.060
24.469	-0.060
24.498	-0.060
24.527	-0.060
24.556	-0.060
24.584	-0.060
24.613	-0.059
24.642	-0.059
24.671	-0.059
24.700	-0.059
24.729	-0.059
24.758	-0.059
24.787	-0.059
24.816	-0.059
24.844	-0.059
24.873	-0.059
24.902	-0.058
24.931	-0.058
24.960	-0.058
24.989	-0.058
25.018	-0.058
25.047	-0.058
25.076	-0.058
25.104	-0.058
25.133	-0.058
25.162	-0.058
49.162	-0.018
145.162	-0.013
265.162	-0.005
313.162	-0.002
361.162	0.000
385.162	0.000
505.162	0.000
625.162	0.000
745.162	0.000

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Name: Area10	Area100	Area101	Area102	Area103
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node: Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min): 8.00	2.67	2.40	2.40	3.07
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in): 18.000	18.000	18.000	18.000	18.000
Duration(hrs): 240.00	240.00	240.00	240.00	240.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 60.00	20.00	18.00	18.00	23.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in): 1.001	1.000	1.000	1.000	1.000
Curve Num: 63.400	90.800	89.600	92.300	76.700
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 184.00	184.00	184.00	184.00	184.00
Flow Max(cfs): 16.418	9.570	10.452	11.664	1.174
Runoff Volume(in): 12.551	16.846	16.685	17.043	14.812
Runoff Volume(ft3): 1327736.134	940246.987	1018508.147	1157849.596	104413.198
Name: Area104	Area105	Area106	Area108	Area11
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node: Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min): 3.07	4.80	5.47	4.53	2.13
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in): 18.000	18.000	18.000	18.000	18.000
Duration(hrs): 240.00	240.00	240.00	240.00	240.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 23.00	36.00	41.00	34.00	16.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 64.400	87.900	77.100	66.200	76.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 184.00	184.00	183.95	183.97	184.00
Flow Max(cfs): 1.149	7.271	8.137	1.391	2.078
Runoff Volume(in): 12.734	16.454	14.875	13.058	14.828
Runoff Volume(ft3): 93139.625	700381.559	726769.257	114471.554	184893.398
Name: Area110	Area12	Area13	Area14	Area15
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node: POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in): 18.000	18.000	18.000	18.000	18.000
Duration(hrs): 240.00	240.00	240.00	240.00	240.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 28.00	40.00	23.00	49.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	183.99	184.00	184.00	183.91	184.00
Flow Max(cfs):	0.558	10.087	1.149	11.759	1.841
Runoff Volume(in):	12.789	15.719	12.734	14.154	11.478
Runoff Volume(ft3):	45356.115	937310.074	93139.625	1017435.908	141616.207

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Rain File:	Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in):	18.000	18.000	18.000	18.000	18.000
Duration(hrs):	240.00	240.00	240.00	240.00	240.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	13.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	183.94	184.00	184.00	183.99	184.00
Flow Max(cfs):	7.712	3.080	6.935	0.641	6.628
Runoff Volume(in):	11.257	11.794	13.217	16.385	13.339
Runoff Volume(ft3):	591266.714	239183.607	574515.830	61499.049	552057.575

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.20	0.76	0.72	0.72	0.82
Flow Max(cfs):	24.407	75.483	84.420	100.789	5.771
Runoff Volume(in):	1.160	3.378	3.261	3.538	2.102
Runoff Volume(ft3):	122688.601	188537.988	199081.684	240340.668	14814.629

Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS

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STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.87	0.96	1.00	0.98	0.75
Flow Max(cfs):	3.622	37.409	27.693	3.644	12.281
Runoff Volume(in):	1.227	3.086	2.123	1.344	2.114
Runoff Volume(ft3):	8973.761	131342.214	103721.130	11779.099	26357.306

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.93	0.98	0.87	1.09	0.96
Flow Max(cfs):	1.568	41.834	3.622	29.826	3.519
Runoff Volume(in):	1.249	2.607	1.227	1.788	0.840
Runoff Volume(ft3):	4429.790	155458.255	8973.761	128554.368	10369.553

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in):	4.400	4.400	4.400	4.400	4.400
Duration(hrs):	1.00	1.00	1.00	1.00	1.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	13.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.22	0.73	0.90	0.69	0.90

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STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Flow Max(cfs):	8.765	11.394	20.057	5.622	19.718
Runoff Volume(in):	0.783	0.933	1.400	3.042	1.447
Runoff Volume(ft3):	41138.439	18914.110	60873.354	11417.675	59892.447

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.40	12.00	12.00	12.00	12.01
Flow Max(cfs):	18.488	16.477	17.980	20.302	1.805
Runoff Volume(in):	6.244	9.915	9.764	10.103	8.080
Runoff Volume(ft3):	660474.531	553404.066	596006.647	686329.046	56960.493

Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.06	12.08	12.12	12.16	12.02
Flow Max(cfs):	1.514	11.779	11.818	1.804	3.264
Runoff Volume(in):	6.383	9.548	8.133	6.635	8.097
Runoff Volume(ft3):	46685.798	406425.301	397369.298	58163.055	100956.571

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24

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Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.07	12.18	12.06	12.20	12.12
Flow Max(cfs):	0.725	15.521	1.514	15.770	2.094
Runoff Volume(in):	6.424	8.878	6.383	7.523	5.436
Runoff Volume(ft3):	22781.511	529377.320	46685.798	540751.604	67076.228

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	13.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.34	12.00	12.12	11.99	12.12
Flow Max(cfs):	7.765	3.901	9.228	1.099	8.908
Runoff Volume(in):	5.275	5.670	6.763	9.482	6.861
Runoff Volume(ft3):	277052.221	114999.559	293991.773	35590.267	283951.957

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.60	0.93	0.92	0.88	0.97
Flow Max(cfs):	22.691	59.845	66.539	78.990	4.577
Runoff Volume(in):	1.538	3.963	3.836	4.123	2.595
Runoff Volume(ft3):	162704.666	221166.969	234158.989	280130.068	18292.947

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Name: Area104	Area105	Area106	Area108	Area11
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node: Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min): 3.07	4.80	5.47	4.53	2.13
Rain File: Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in): 5.000	5.000	5.000	5.000	5.000
Duration(hrs): 2.00	2.00	2.00	2.00	2.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 23.00	36.00	41.00	34.00	16.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 64.400	87.900	77.100	66.200	76.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 1.02	1.12	1.18	1.21	0.89
Flow Max(cfs): 2.810	30.910	23.278	2.979	9.715
Runoff Volume(in): 1.608	3.660	2.597	1.731	2.603
Runoff Volume(ft3): 11762.472	155800.451	126871.355	15176.744	32454.363

Name: Area110	Area12	Area13	Area14	Area15
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node: POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Rain File: Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in): 5.000	5.000	5.000	5.000	5.000
Duration(hrs): 2.00	2.00	2.00	2.00	2.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 28.00	40.00	23.00	49.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 64.700	82.700	64.400	72.600	57.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 1.12	1.16	1.02	1.31	1.17
Flow Max(cfs): 1.248	34.829	2.810	25.982	2.811
Runoff Volume(in): 1.629	3.127	1.608	2.233	1.156
Runoff Volume(ft3): 5778.233	186448.271	11762.472	160486.658	14259.534

Name: Area20	Area200	Area201	Area202	Area21
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node: Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Rain File: Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in): 5.000	5.000	5.000	5.000	5.000
Duration(hrs): 2.00	2.00	2.00	2.00	2.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 55.00	10.00	31.00	13.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00

Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.59	0.87	1.10	0.87	1.10
Flow Max(cfs):	8.290	8.923	16.206	4.421	15.938
Runoff Volume(in):	1.074	1.261	1.811	3.606	1.864
Runoff Volume(ft3):	56423.238	25581.965	78706.363	13535.466	77150.352

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.00	59.95	59.96	59.96	59.95
Flow Max(cfs):	17.065	10.530	11.492	12.845	1.272
Runoff Volume(in):	8.686	12.660	12.504	12.852	10.726
Runoff Volume(ft3):	918811.076	706603.449	763264.719	873138.142	75609.794

Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.00	60.00	59.95	59.99	59.98
Flow Max(cfs):	1.213	7.982	8.813	1.474	2.253
Runoff Volume(in):	8.845	12.280	10.784	9.131	10.742
Runoff Volume(ft3):	64697.357	522723.629	526922.923	80042.111	133945.732

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS

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Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	59.98	60.00	60.00	60.00	60.00
Flow Max(cfs):	0.589	11.015	1.213	12.628	1.903
Runoff Volume(in):	8.895	11.577	8.845	10.121	7.755
Runoff Volume(ft3):	31545.661	690362.051	64697.357	727494.497	95689.171

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	13.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.01	60.00	60.00	59.97	60.00
Flow Max(cfs):	7.886	3.213	7.366	0.704	7.052
Runoff Volume(in):	7.568	8.026	9.276	12.214	9.386
Runoff Volume(ft3):	397479.139	162773.059	403221.688	45842.905	388437.478

Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	3.20	2.13	2.12	2.12	2.56

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Flow Max(cfs):	29.718	41.615	45.530	52.976	3.926
Runoff Volume(in):	2.390	5.182	5.047	5.352	3.666
Runoff Volume(ft3):	252819.189	289219.137	308078.061	363577.943	25846.164
Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.61	2.64	2.73	2.72	2.52
Flow Max(cfs):	2.928	26.622	23.477	3.321	7.285
Runoff Volume(in):	2.478	4.858	3.692	2.633	3.676
Runoff Volume(ft3):	18127.990	206781.290	180388.150	23084.338	45831.214

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.68	2.67	2.61	2.94	2.76
Flow Max(cfs):	1.360	32.750	2.928	28.912	3.543
Runoff Volume(in):	2.505	4.294	2.478	3.242	1.898
Runoff Volume(ft3):	8883.987	256041.723	18127.990	233071.579	23413.030

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min):	7.33	1.33	4.13	1.73	4.13
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4

Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	55.00	10.00	31.00	13.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	56.700	59.400	67.100	87.400	67.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	3.18	2.53	2.69	2.05	2.69
Flow Max(cfs):	11.896	7.758	17.431	2.835	16.957
Runoff Volume(in):	1.792	2.036	2.730	4.800	2.796
Runoff Volume(ft3):	94100.630	41284.636	118664.657	18014.912	115700.606
Name:	Area10	Area100	Area101	Area102	Area103
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min):	8.00	2.67	2.40	2.40	3.07
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	60.00	20.00	18.00	18.00	23.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	160.00	160.00	160.00	159.97
Flow Max(cfs):	12.588	7.263	7.934	8.852	0.893
Runoff Volume(in):	10.693	14.851	14.693	15.047	12.861
Runoff Volume(ft3):	1131182.025	828921.467	896873.736	1022211.736	90661.230
Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	159.97	160.00	159.99	159.95	160.00
Flow Max(cfs):	0.879	5.521	6.195	1.063	1.581
Runoff Volume(in):	10.867	14.465	12.914	11.172	12.876
Runoff Volume(ft3):	79488.393	615700.403	630977.712	97940.903	160547.823

Name: Area110	Area12	Area13	Area14	Area15
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node: POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min): 3.73	5.33	3.07	6.53	4.13
Rain File: Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in): 16.000	16.000	16.000	16.000	16.000
Duration(hrs): 168.00	168.00	168.00	168.00	168.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 28.00	40.00	23.00	49.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 64.700	82.700	64.400	72.600	57.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 159.97	160.00	159.97	159.95	159.96
Flow Max(cfs): 0.427	7.667	0.879	8.970	1.414
Runoff Volume(in): 10.919	13.743	10.867	12.217	9.679
Runoff Volume(ft3): 38724.160	819489.491	79488.393	878175.220	119428.115

Name: Area20	Area200	Area201	Area202	Area21
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node: Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Rain File: Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in): 16.000	16.000	16.000	16.000	16.000
Duration(hrs): 168.00	168.00	168.00	168.00	168.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 55.00	10.00	31.00	13.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 56.700	59.400	67.100	87.400	67.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 159.98	160.00	159.96	159.98	159.96
Flow Max(cfs): 5.942	2.360	5.297	0.487	5.061
Runoff Volume(in): 9.472	9.978	11.323	14.396	11.441
Runoff Volume(ft3): 497510.227	202364.038	492222.307	54034.505	473477.573

Name: Area10	Area100	Area101	Area102	Area103
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node: Ditch 10	Basin100	Basin101	Basin102	POST-WET-A1
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 8.00	2.67	2.40	2.40	3.07
Comp Time Inc(min): 8.00	2.67	2.40	2.40	3.07
Rain File: Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in): 7.500	7.500	7.500	7.500	7.500
Duration(hrs): 8.00	8.00	8.00	8.00	8.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 60.00	20.00	18.00	18.00	23.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00

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Area(ac):	29.142	15.376	16.816	18.715	1.942
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	63.400	90.800	89.600	92.300	76.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.40	4.04	4.00	4.00	4.09
Flow Max(cfs):	31.348	44.812	49.203	56.149	4.445
Runoff Volume(in):	3.324	6.410	6.270	6.587	4.781
Runoff Volume(ft3):	351632.678	357795.626	382712.705	447486.119	33700.138

Name:	Area104	Area105	Area106	Area108	Area11
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Ditch 104	POST-WET-A1	POST-WET-A2	Node108	WET-A1
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Comp Time Inc(min):	3.07	4.80	5.47	4.53	2.13
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	23.00	36.00	41.00	34.00	16.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	2.015	11.726	13.460	2.415	3.435
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.400	87.900	77.100	66.200	76.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.09	4.16	4.19	4.16	4.02
Flow Max(cfs):	3.396	28.619	25.644	3.734	8.489
Runoff Volume(in):	3.426	6.071	4.816	3.613	4.797
Runoff Volume(ft3):	25061.494	258414.957	235313.137	31671.747	59817.091

Name:	Area110	Area12	Area13	Area14	Area15
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	POST-WET-A2	WET-A1	Ditch 13	WET-A2	WET-A2
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Comp Time Inc(min):	3.73	5.33	3.07	6.53	4.13
Rain File:	Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in):	7.500	7.500	7.500	7.500	7.500
Duration(hrs):	8.00	8.00	8.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	28.00	40.00	23.00	49.00	31.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.977	16.427	2.015	19.802	3.399
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	64.700	82.700	64.400	72.600	57.800
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	4.11	4.18	4.09	4.25	4.20
Flow Max(cfs):	1.551	35.482	3.396	31.085	4.054
Runoff Volume(in):	3.457	5.469	3.426	4.317	2.734
Runoff Volume(ft3):	12259.941	326120.905	25061.494	310308.223	33734.883

Name:	Area20	Area200	Area201	Area202	Area21
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node:	Ditch 20	Ditch200	POST-WET-B	Node202	WET-B
Type:	SCS	SCS	SCS	SCS	SCS

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Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Comp Time Inc(min): 7.33	1.33	4.13	1.73	4.13
Rain File: Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in): 7.500	7.500	7.500	7.500	7.500
Duration(hrs): 8.00	8.00	8.00	8.00	8.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 55.00	10.00	31.00	13.00	31.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 14.469	5.587	11.975	1.034	11.401
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 56.700	59.400	67.100	87.400	67.800
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 4.40	4.02	4.13	3.99	4.13
Flow Max(cfs): 12.470	9.549	19.742	3.049	19.184
Runoff Volume(in): 2.614	2.902	3.721	6.007	3.797
Runoff Volume(ft3): 137279.582	58849.158	161743.086	22546.503	157141.601

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Devo Seereeram, Ph.D., P.E.

Project Data

Project Name: GREC - Area108
Simulation Description: Dry Retention Basin
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 168.30
Water Table Elevation, [WT] (ft datum): 176.80
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 7750.0

Geometry Data

Equivalent Pond Length, [L] (ft): 484.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
177.36	968.0
178.00	5308.0
179.00	12090.0
179.36	14532.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	178.36
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
1.000	13.000
2.000	15.000
5.000	20.000
7.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 2.415
Time Of Concentration (minutes) 34.0
DCIA (%) 0.0
Curve Number 66.2
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 176.80

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 1749

Initial ground water level (ft datum) default, 176.80

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

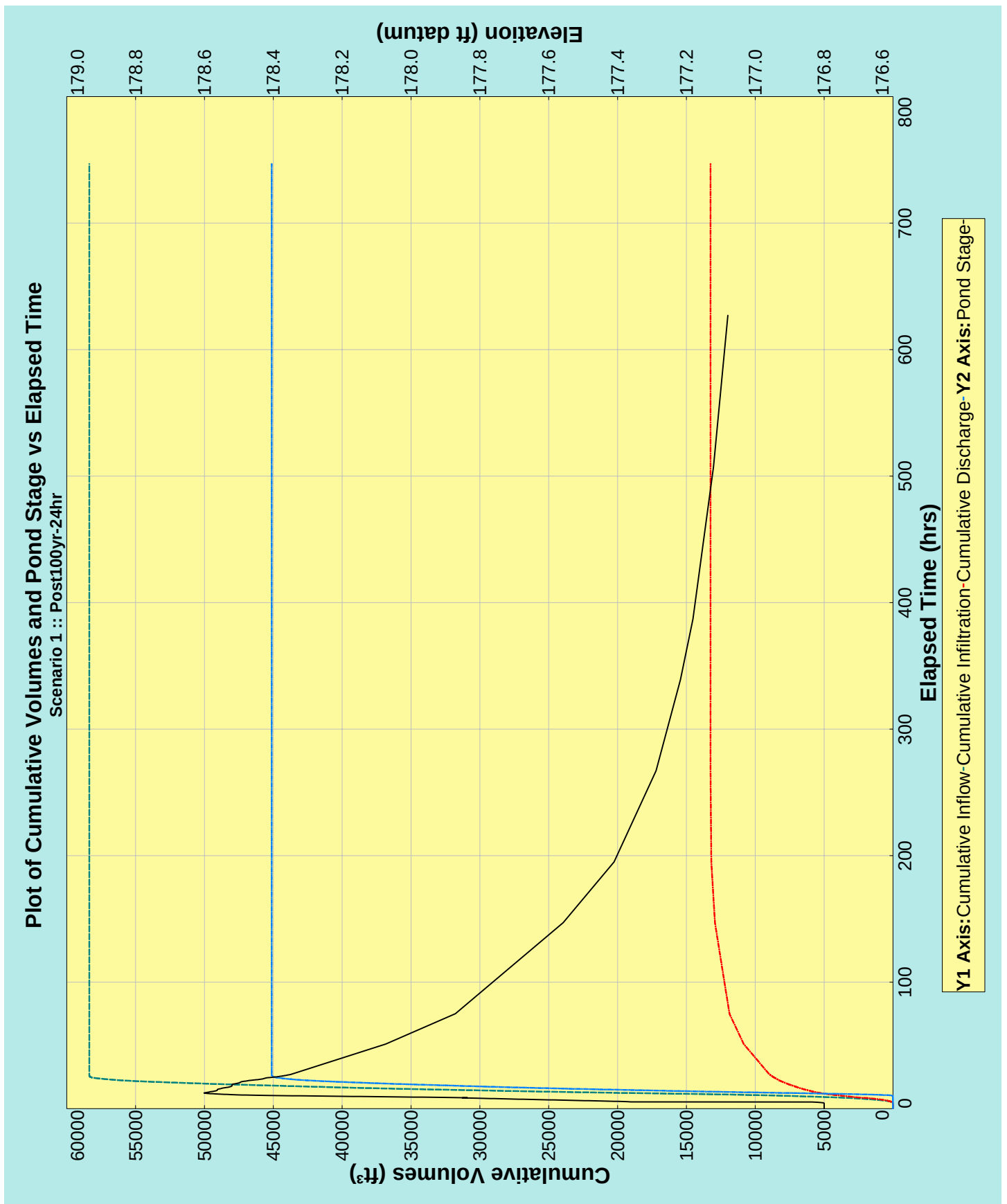
Scenarios Considered: 1 to 9

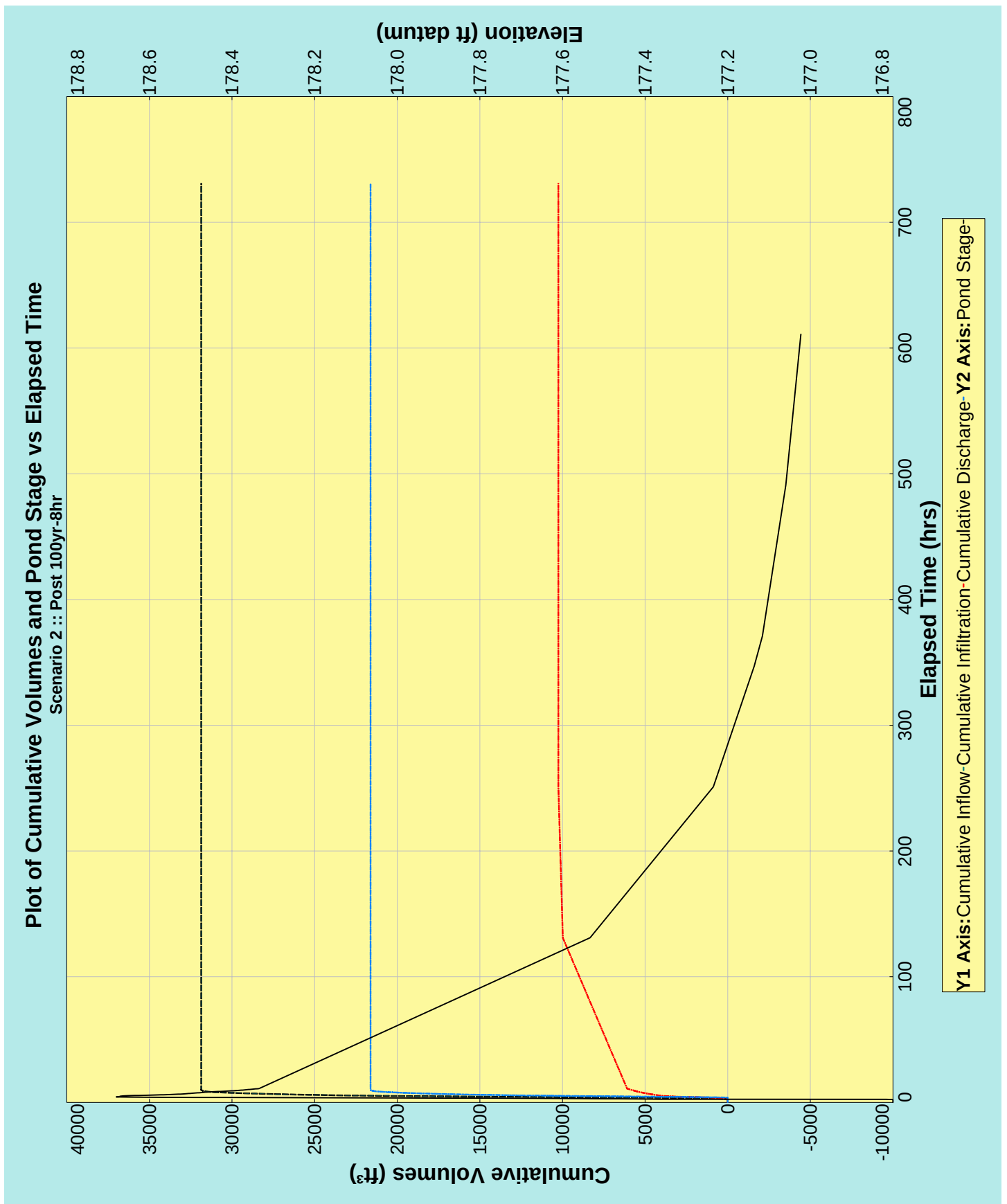
Stage - Maximum

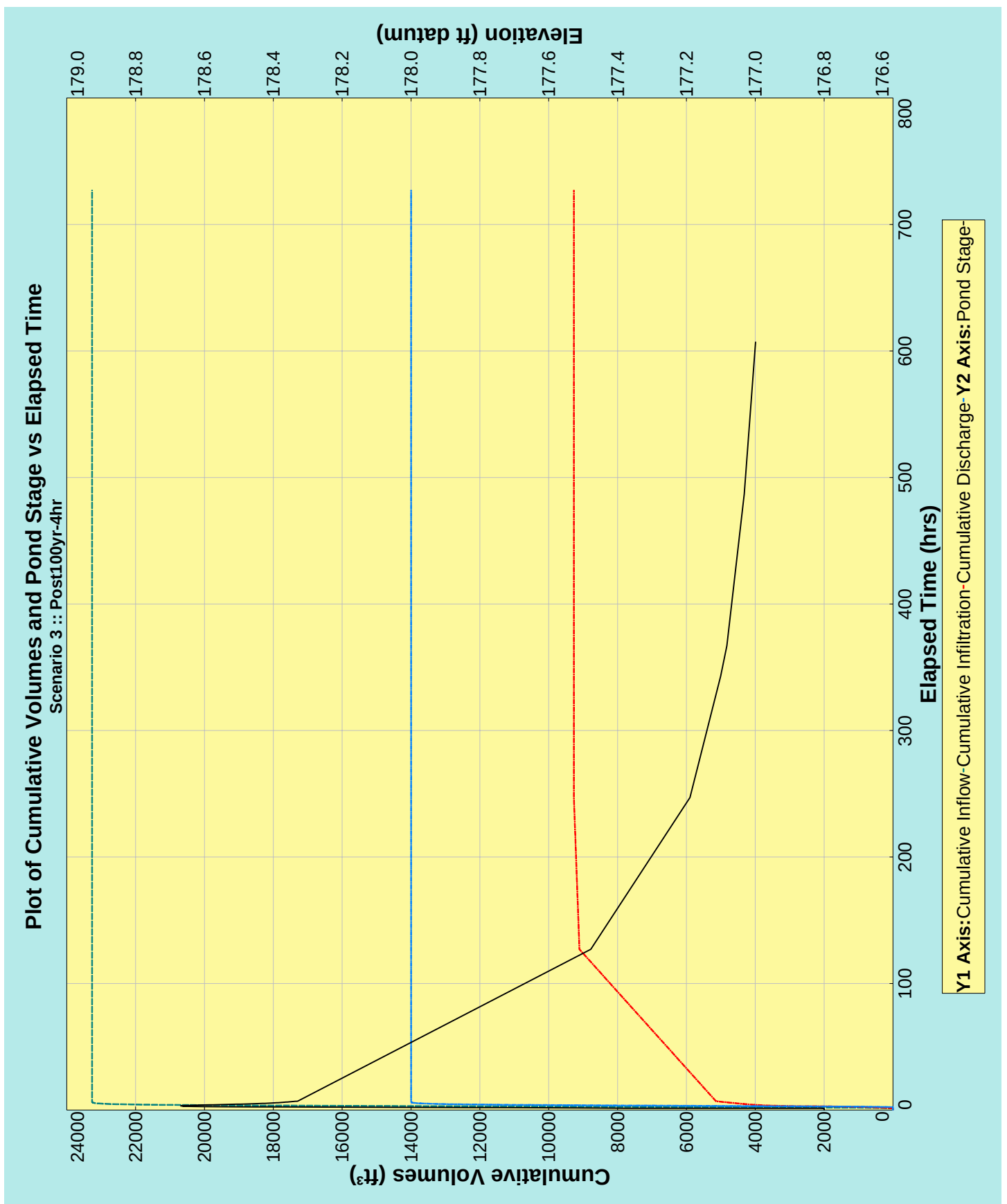
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	178.680	4.382	Post 100yr-8hr
2	3	178.669	3.324	Post100yr-4hr
3	1	178.601	12.391	Post100yr-24hr
4	4	178.589	1.889	Post100yr-2hr
5	6	178.585	60.067	Post 100yr-3d
6	8	178.579	183.978	Post 100yr-10d
7	5	178.557	1.436	Post 100yr-1hr
8	7	178.542	159.951	Post 100yr-7d
9	9	177.949	0.002	Treatment volume

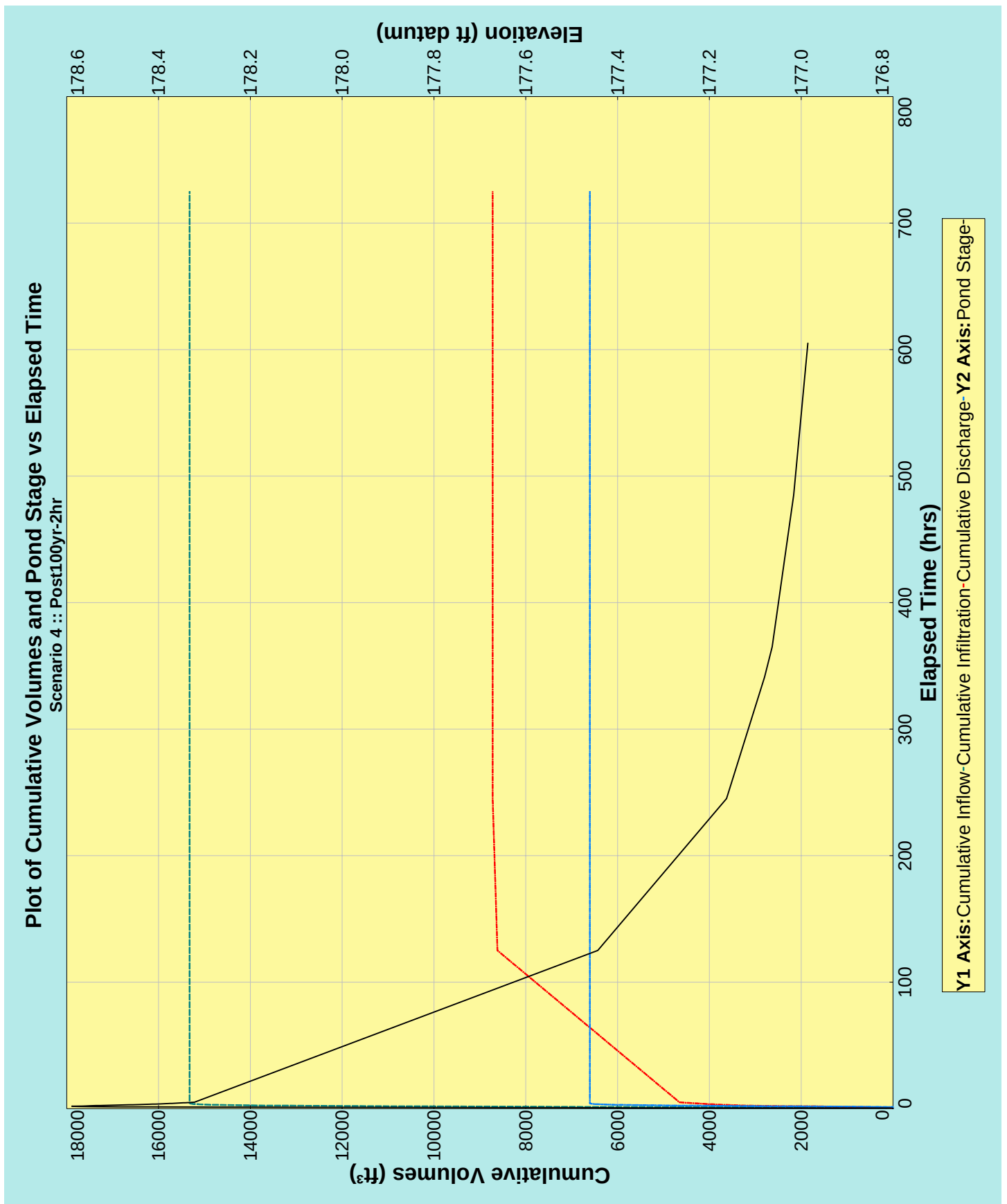
Discharge - Rate - Maximum Positive

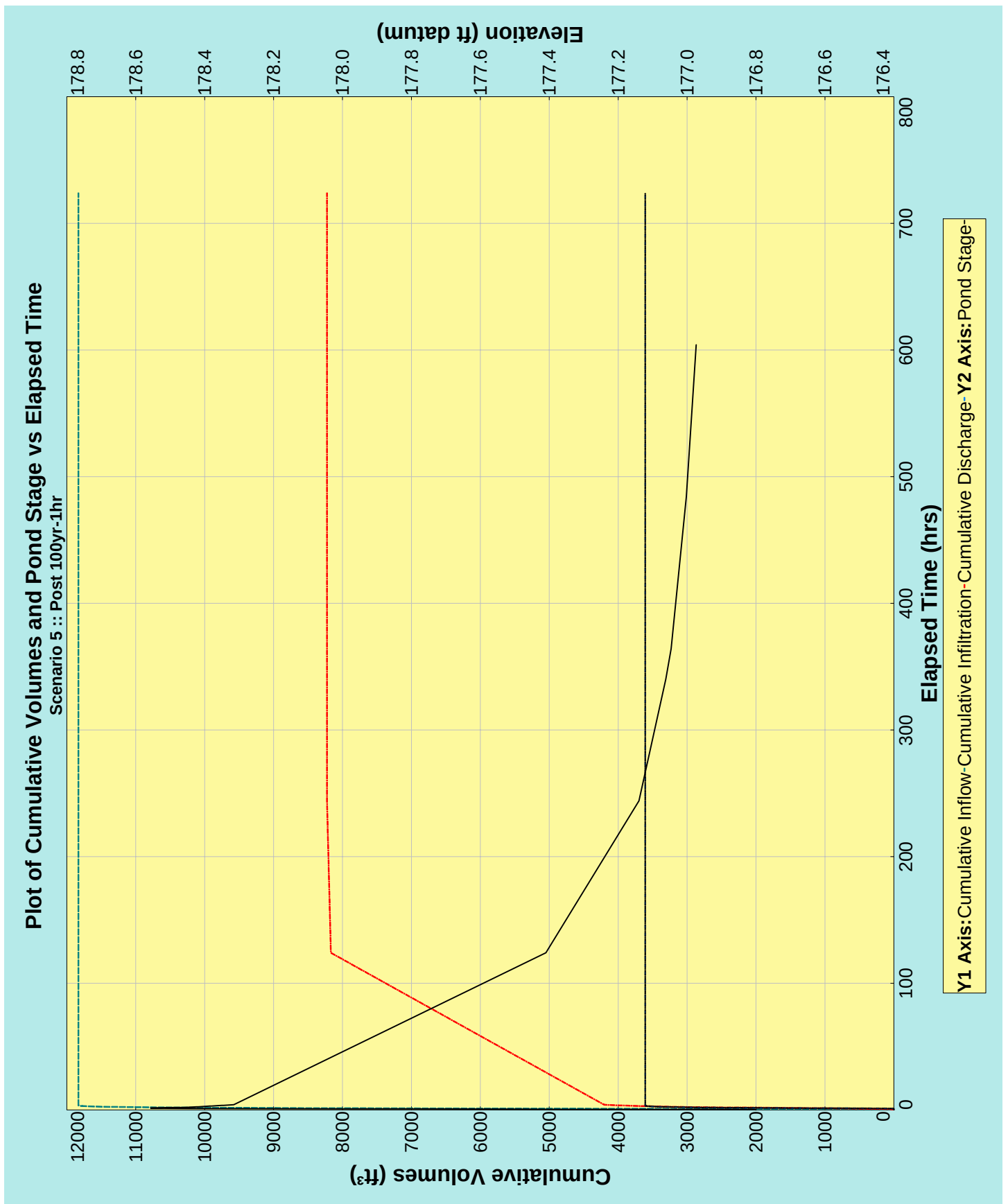
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	2	2.5909	4.382	Post 100yr-8hr
2	3	2.3781	2.947	Post100yr-4hr
3	1	1.5745	12.391	Post100yr-24hr
4	4	1.5660	1.889	Post100yr-2hr
5	6	1.4194	60.067	Post 100yr-3d
6	8	1.3607	183.978	Post 100yr-10d
7	5	1.2486	1.436	Post 100yr-1hr
8	7	1.0346	160.027	Post 100yr-7d
9	9	None	N.A.	Treatment volume

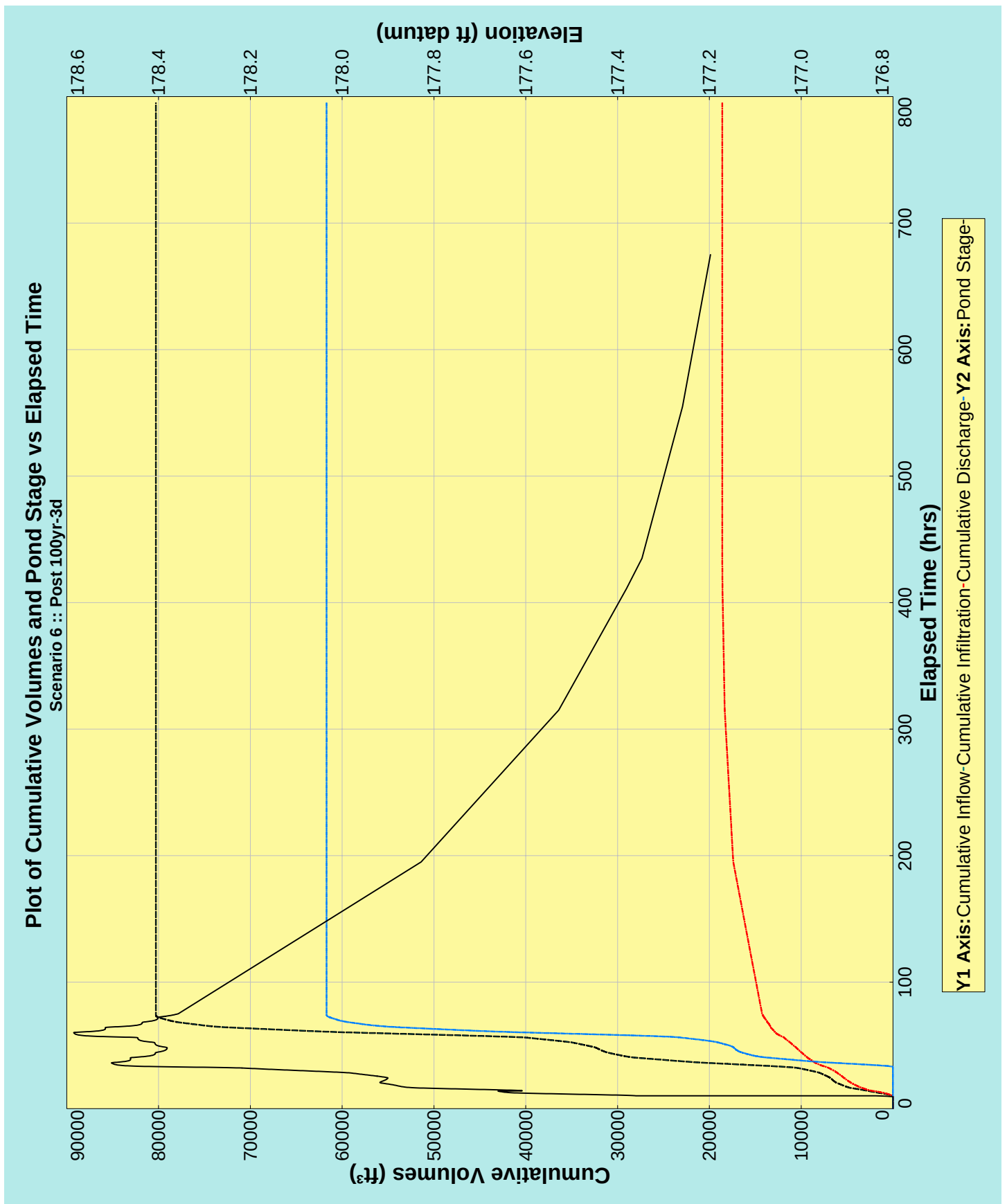


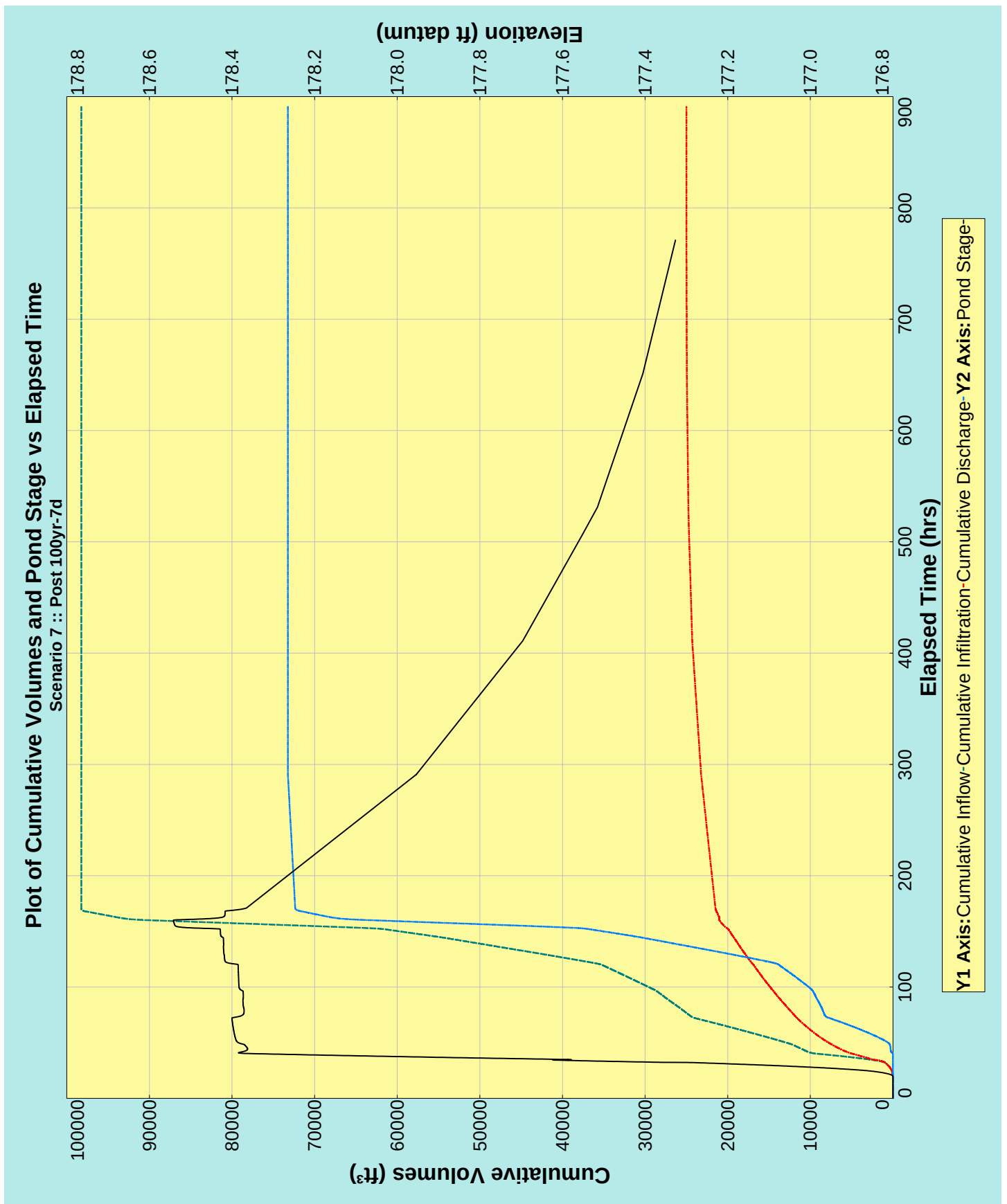


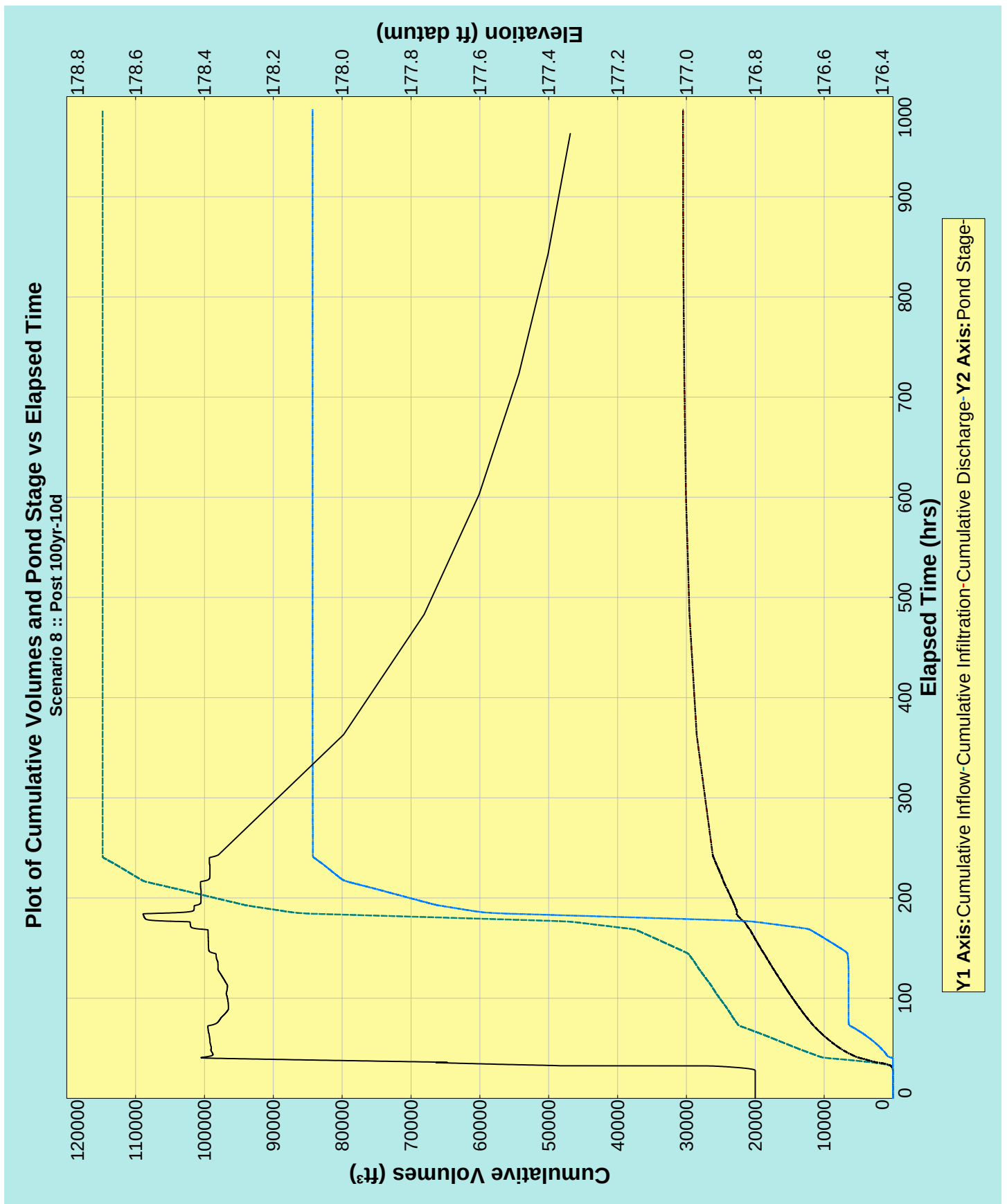


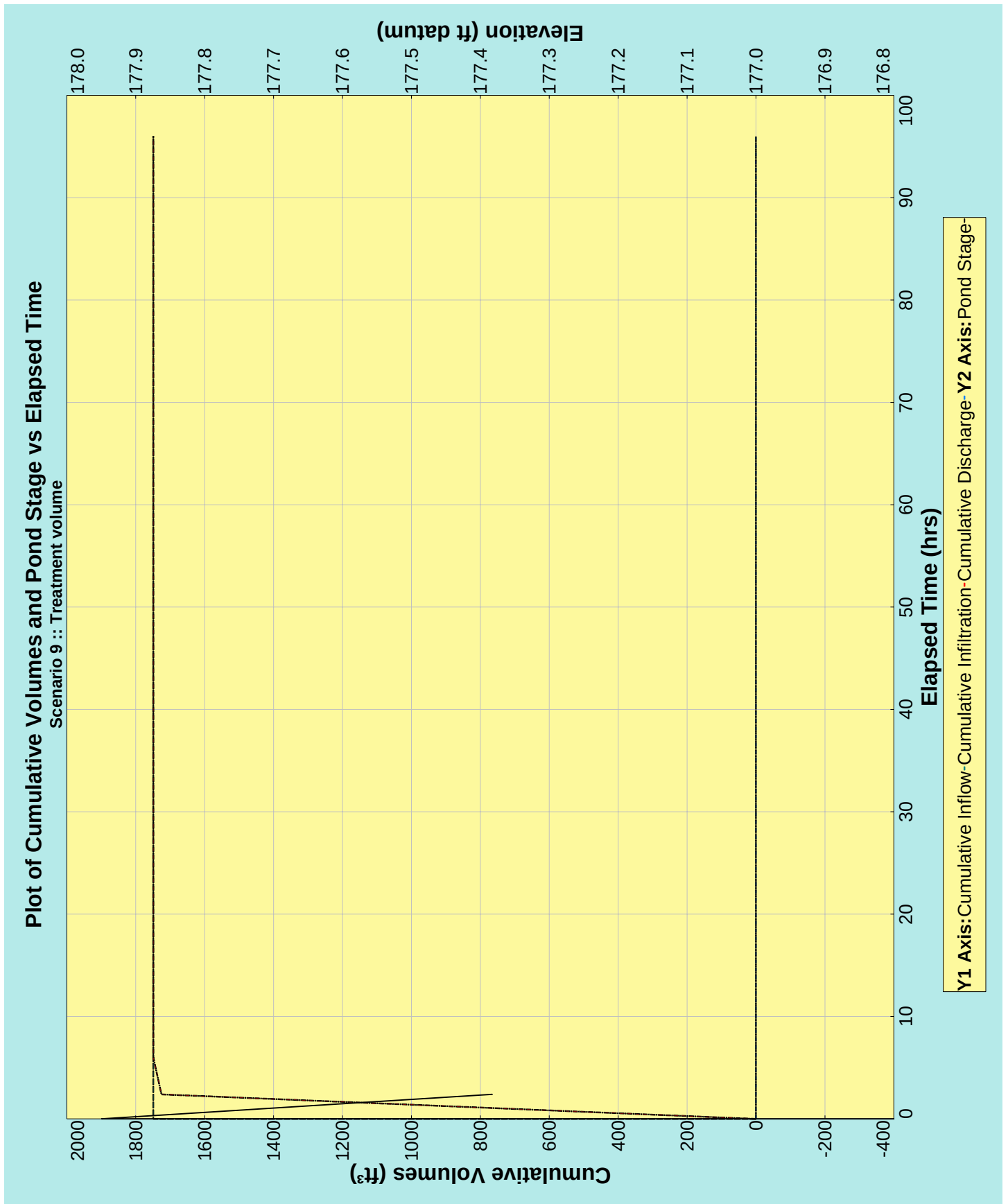












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Project Data

Project Name: GREC - Scale House
Simulation Description: Dry Retention Basin
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 172.00
Water Table Elevation, [WT] (ft datum): 178.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 9191.0

Geometry Data

Equivalent Pond Length, [L] (ft): 219.0
Equivalent Pond Width, [W] (ft): 42.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
180.00	6309.0
181.00	9191.0
182.00	12073.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.50
Weir coefficient:	2.861
Weir length, (ft):	1.5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	30.000
14.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.034
Time Of Concentration (minutes) 13.0
DCIA (%) 0.0
Curve Number 87.4
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 7507

Initial ground water level (ft datum) default, 178.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

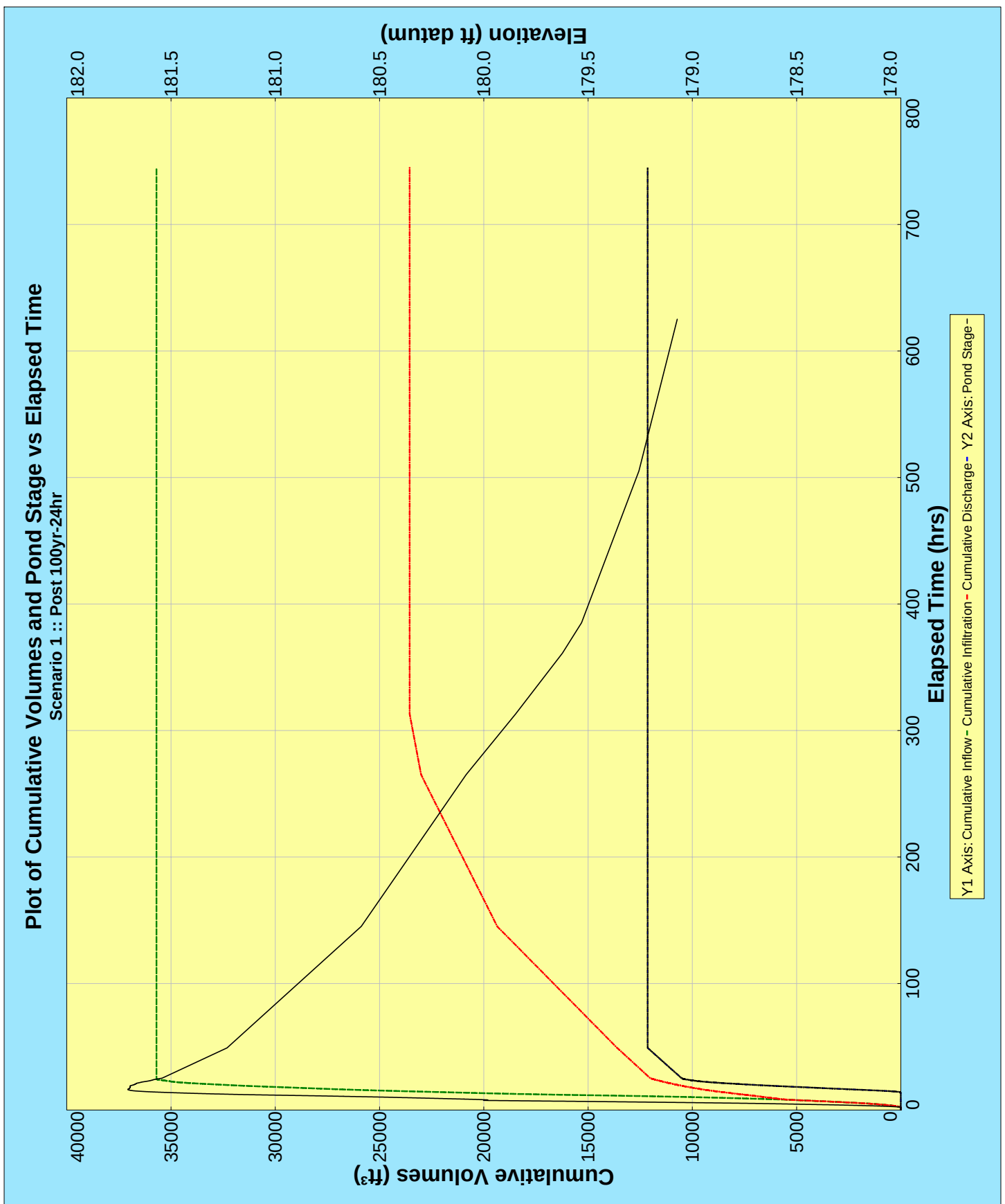
Scenarios Considered: 1 to 9

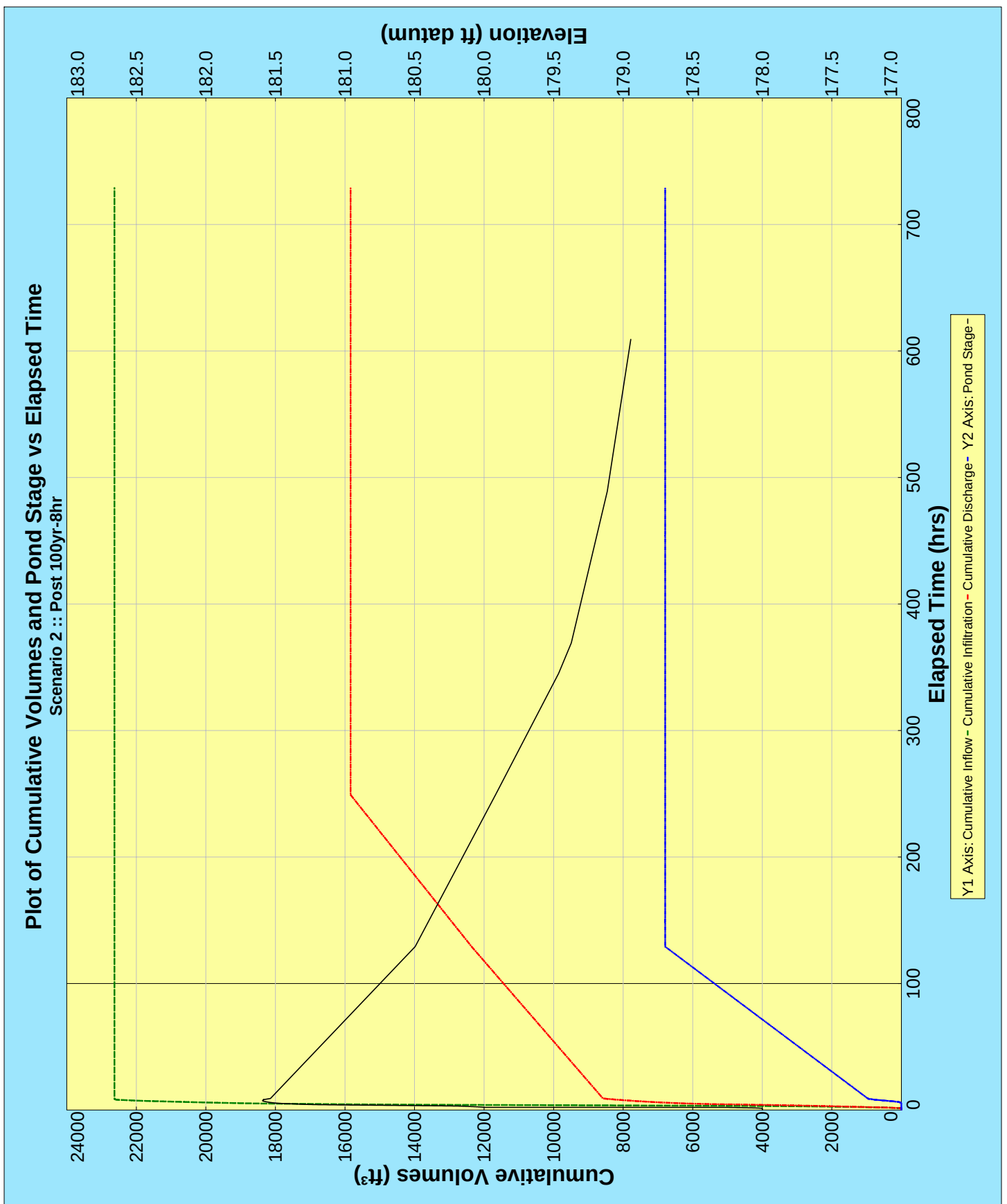
Stage - Maximum

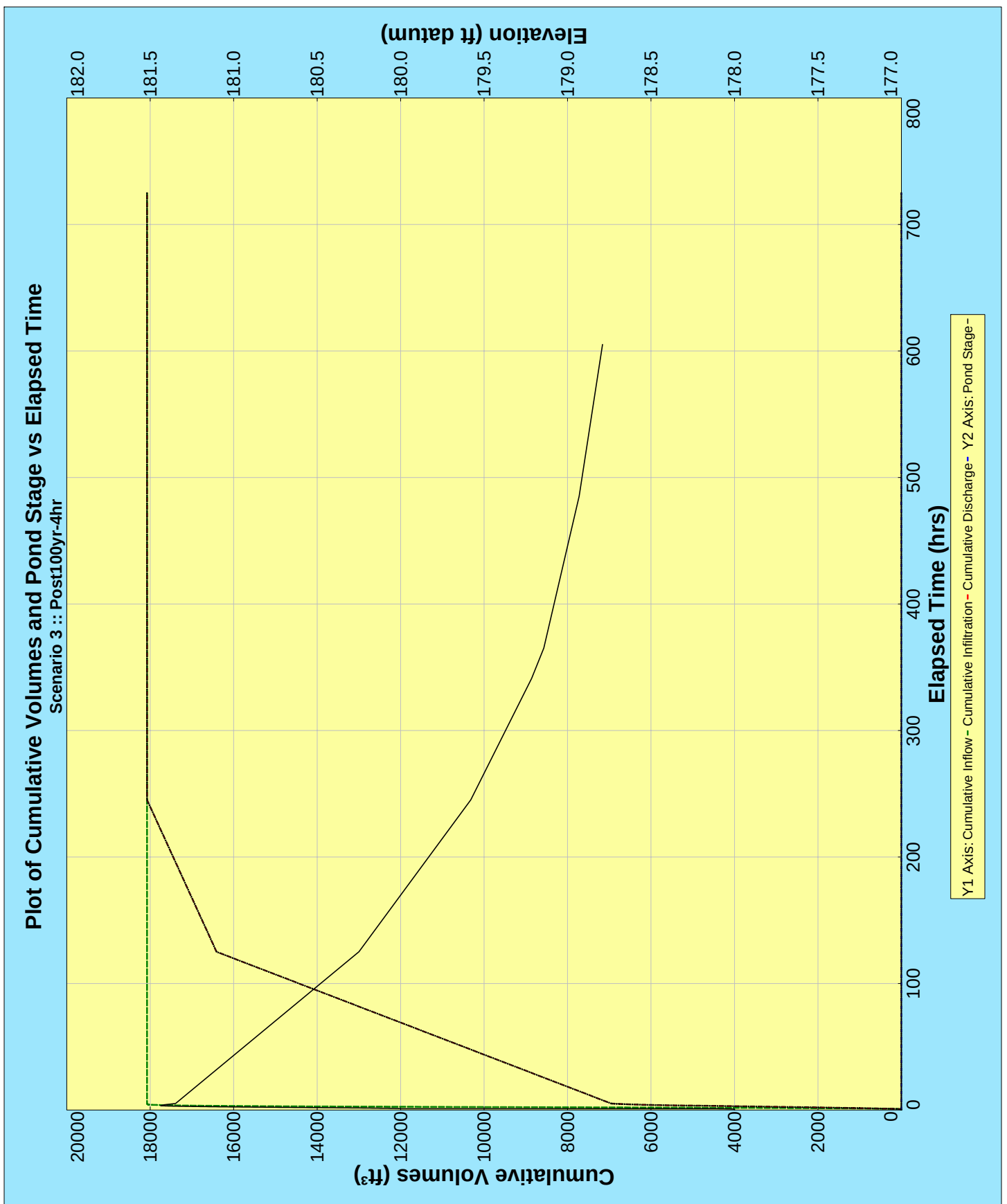
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	6	181.777	60.089	Post 100yr-3d
2	8	181.768	184.022	Post 100yr-10d
3	7	181.724	159.987	Post 100yr-7d
4	1	181.707	16.207	Post 100yr-24hr
5	2	181.592	7.338	Post 100yr-8hr
6	3	181.438	3.524	Post100yr-4hr
7	4	181.208	2.080	Post100yr-2hr
8	5	181.153	1.329	Post 100yr-1hr
9	9	180.973	0.002	Treatment volume

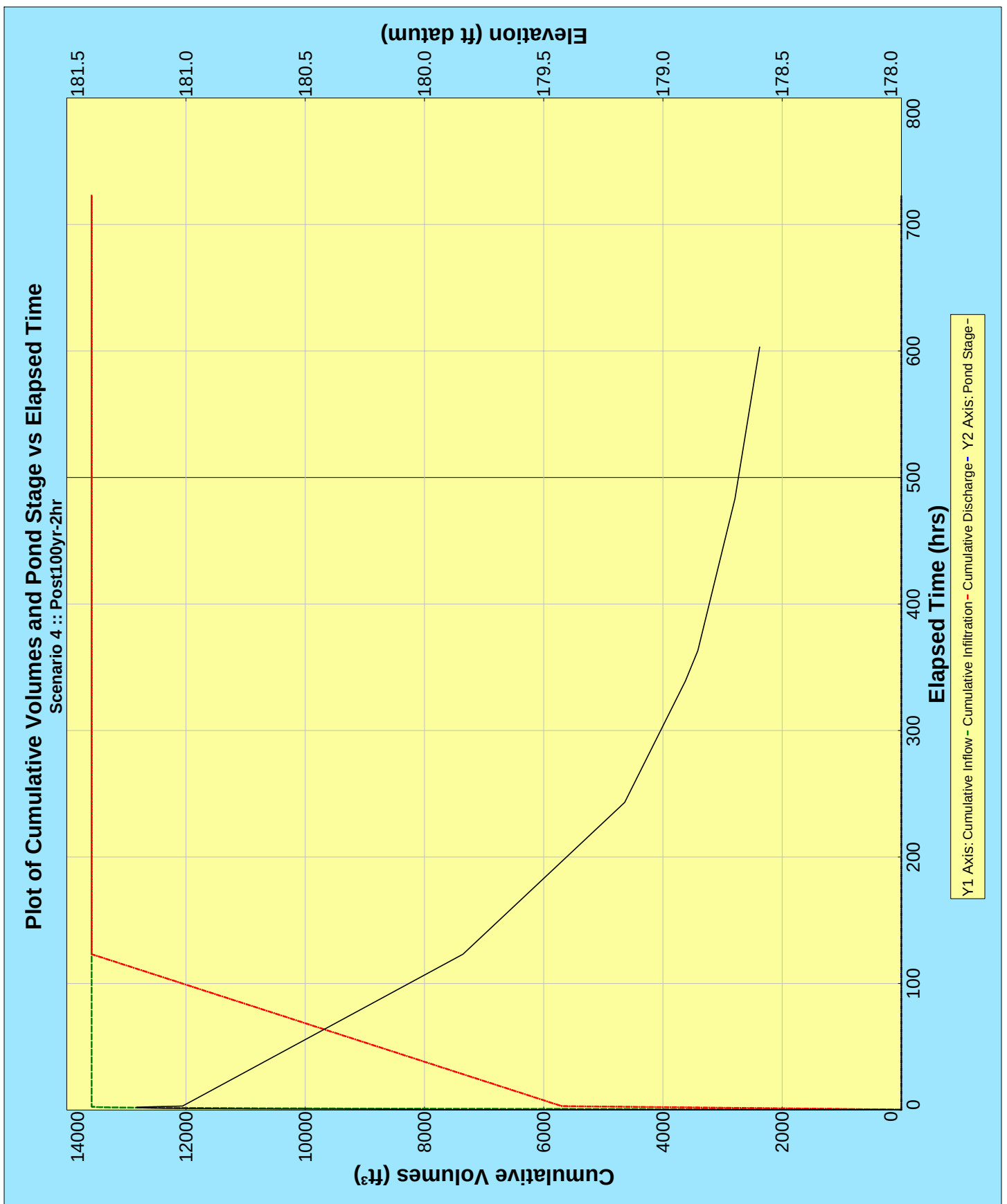
Discharge - Rate - Maximum Positive

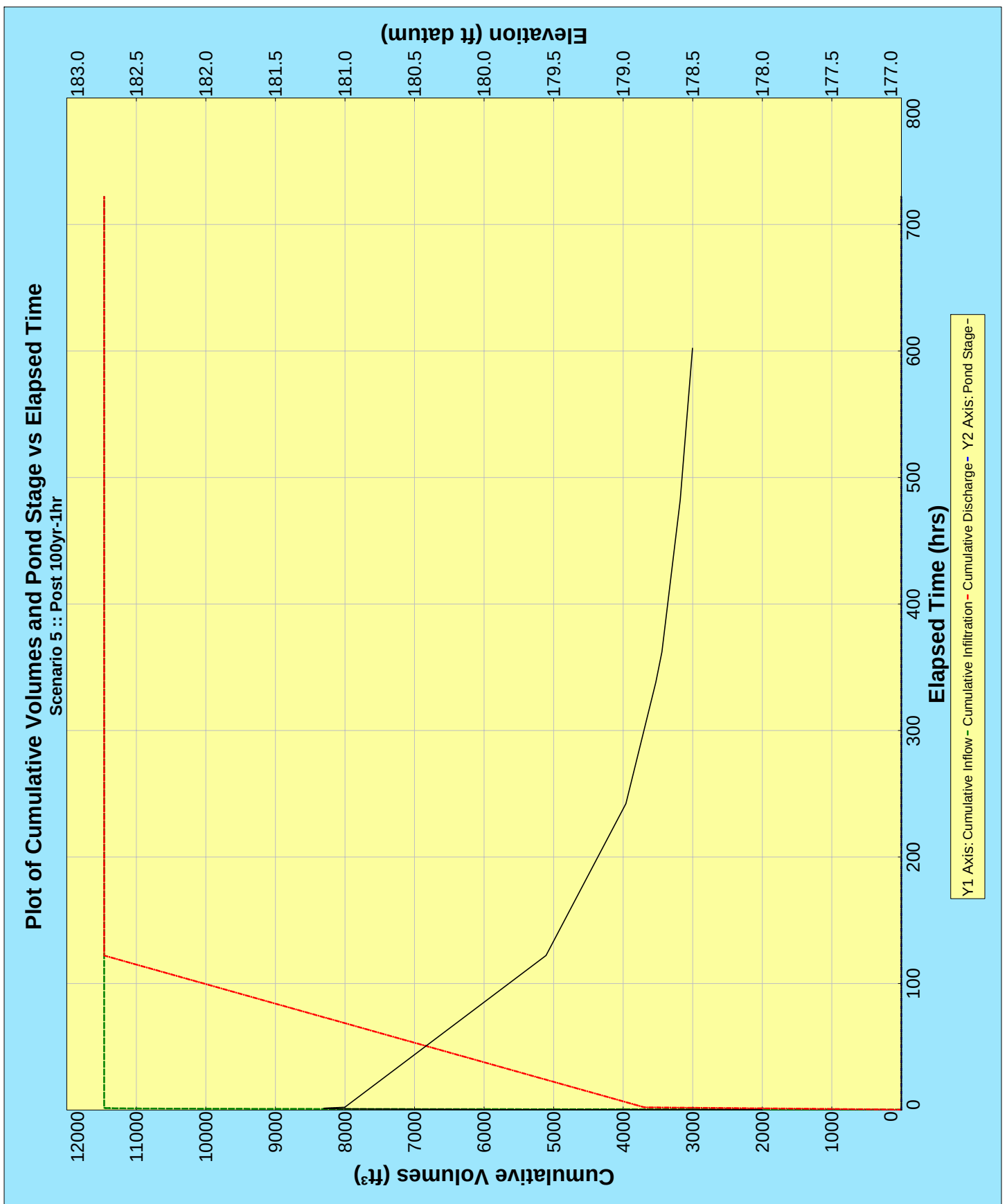
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	6	0.6139	60.089	Post 100yr-3d
2	8	0.5867	184.022	Post 100yr-10d
3	7	0.4489	160.016	Post 100yr-7d
4	1	0.3963	16.207	Post 100yr-24hr
5	2	0.1159	7.338	Post 100yr-8hr
6	3	None	N.A.	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

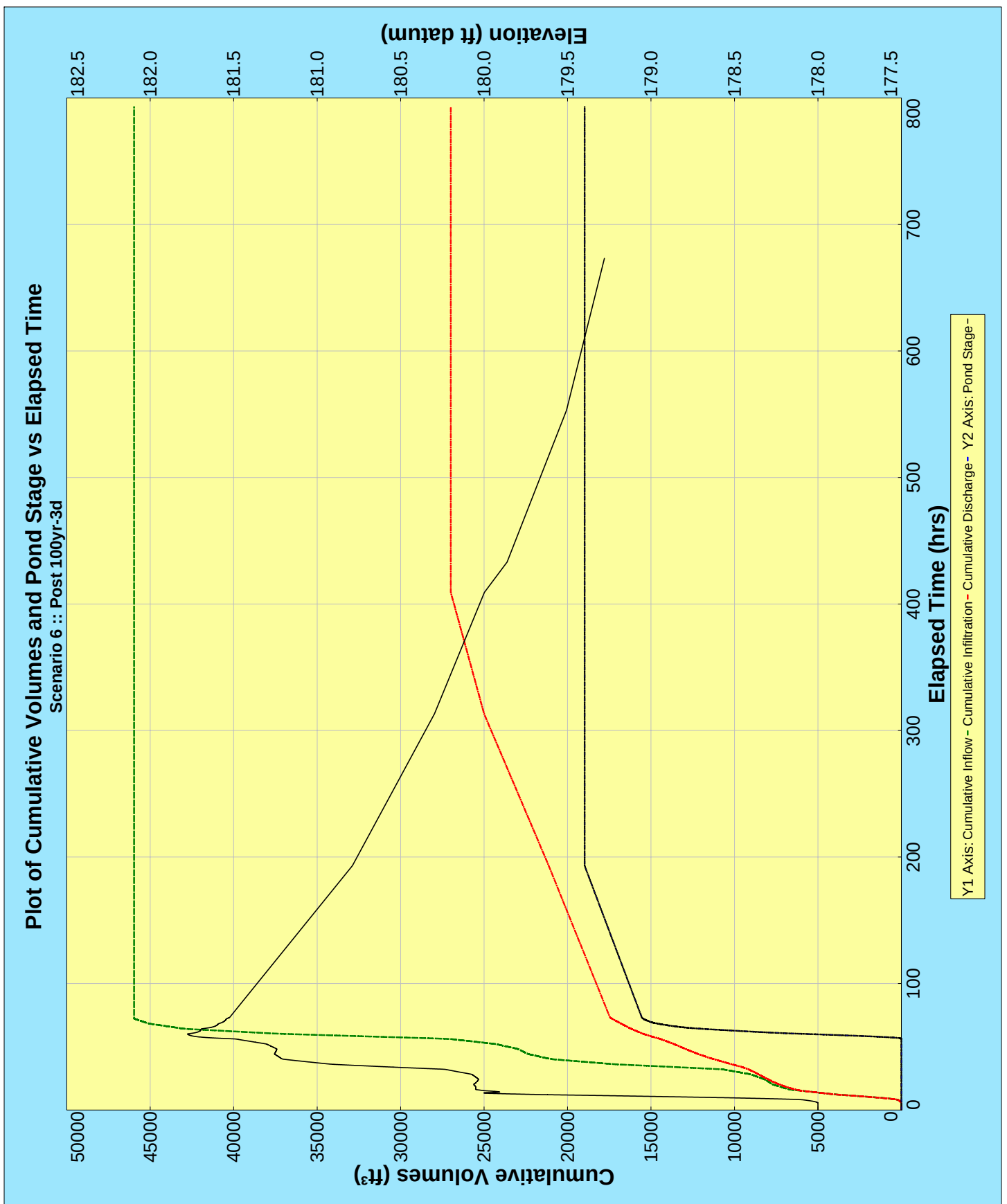


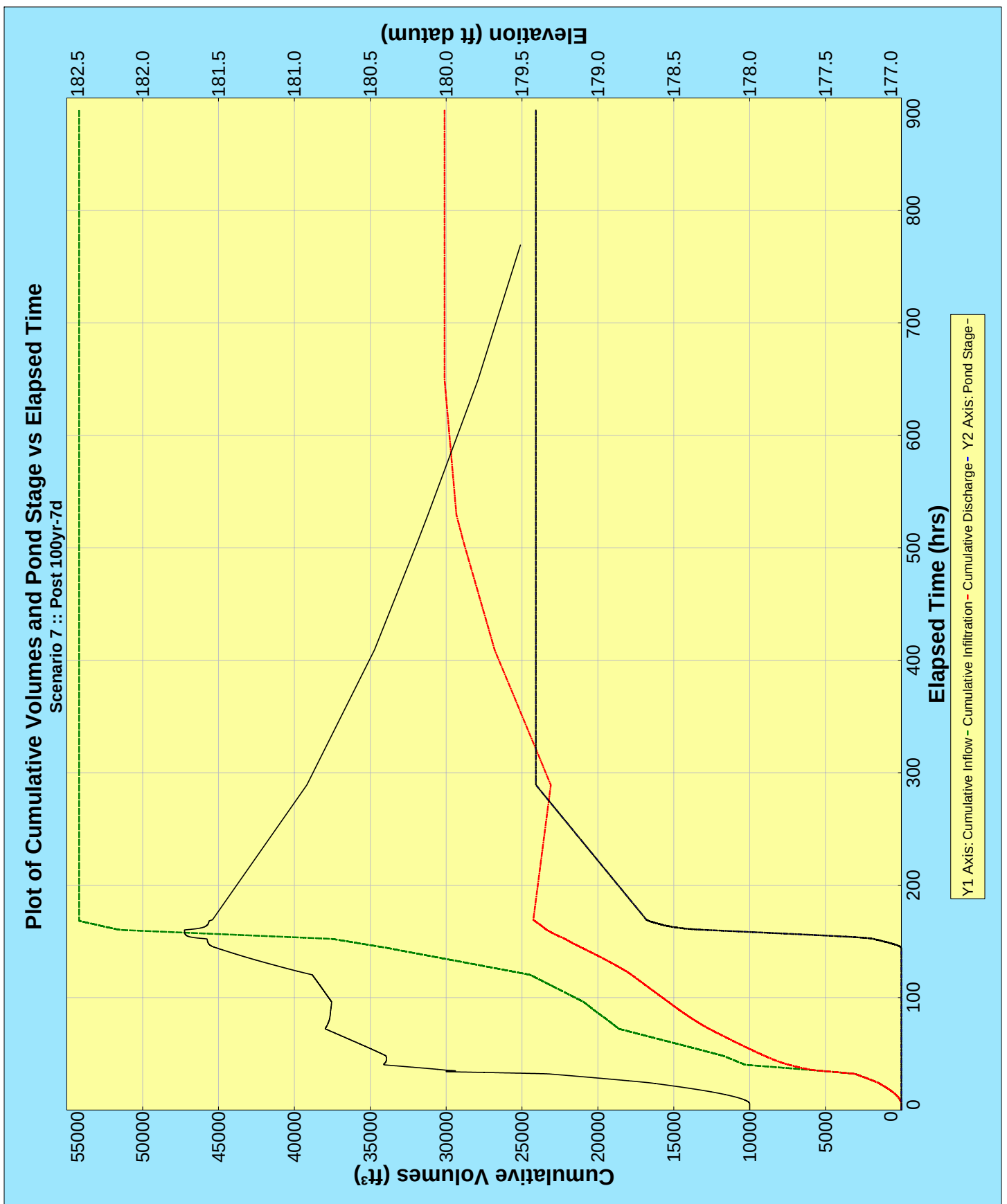


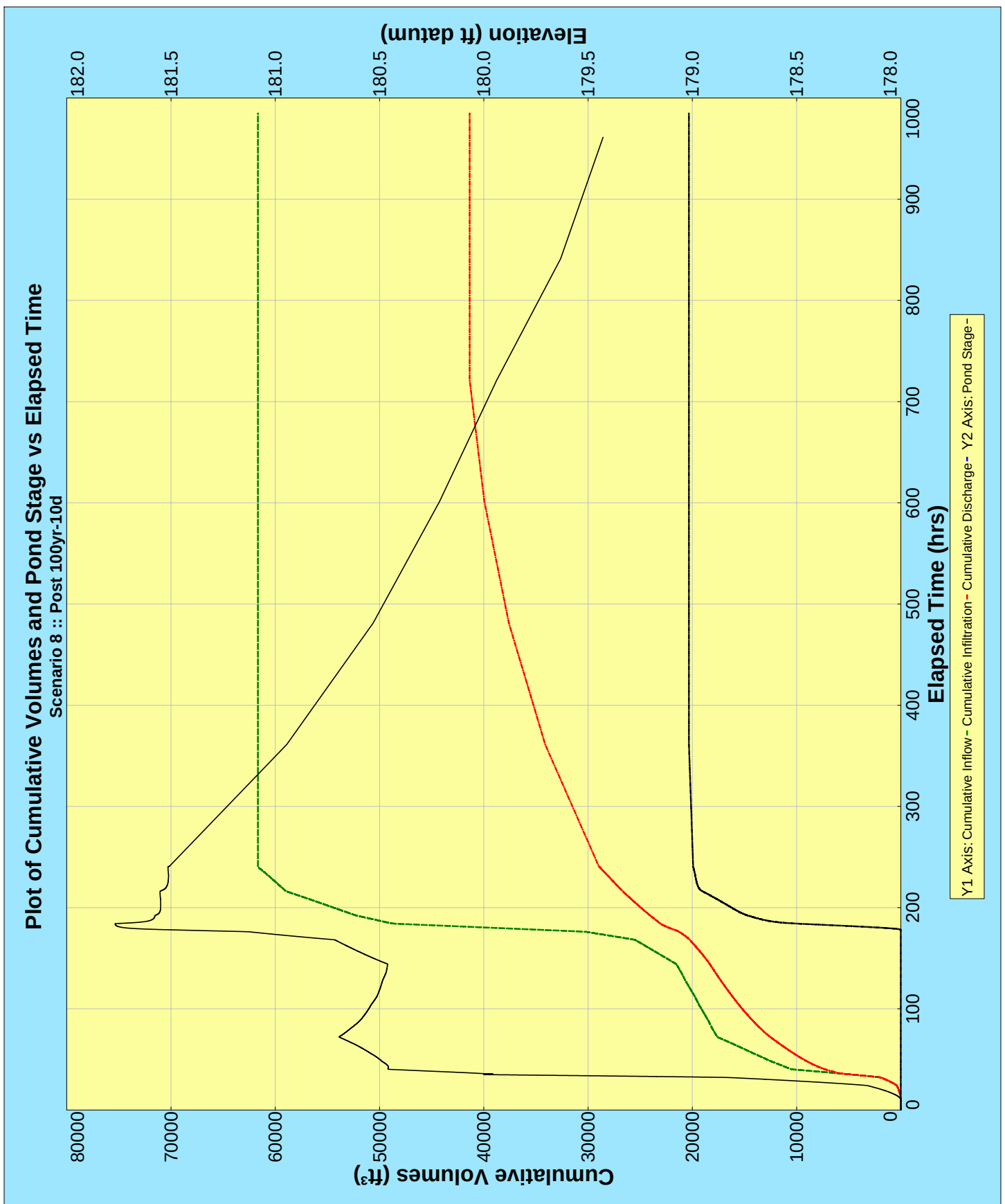


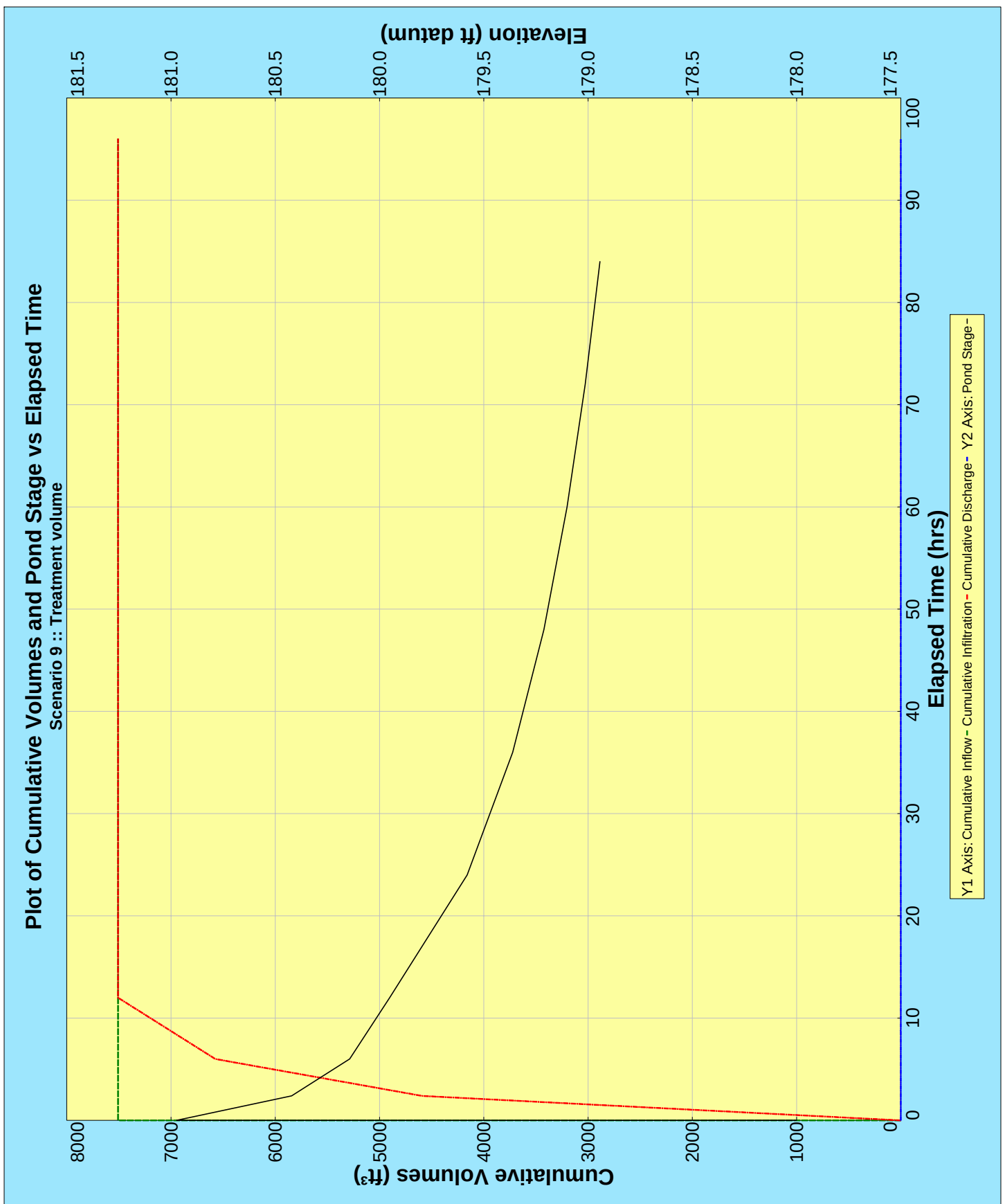


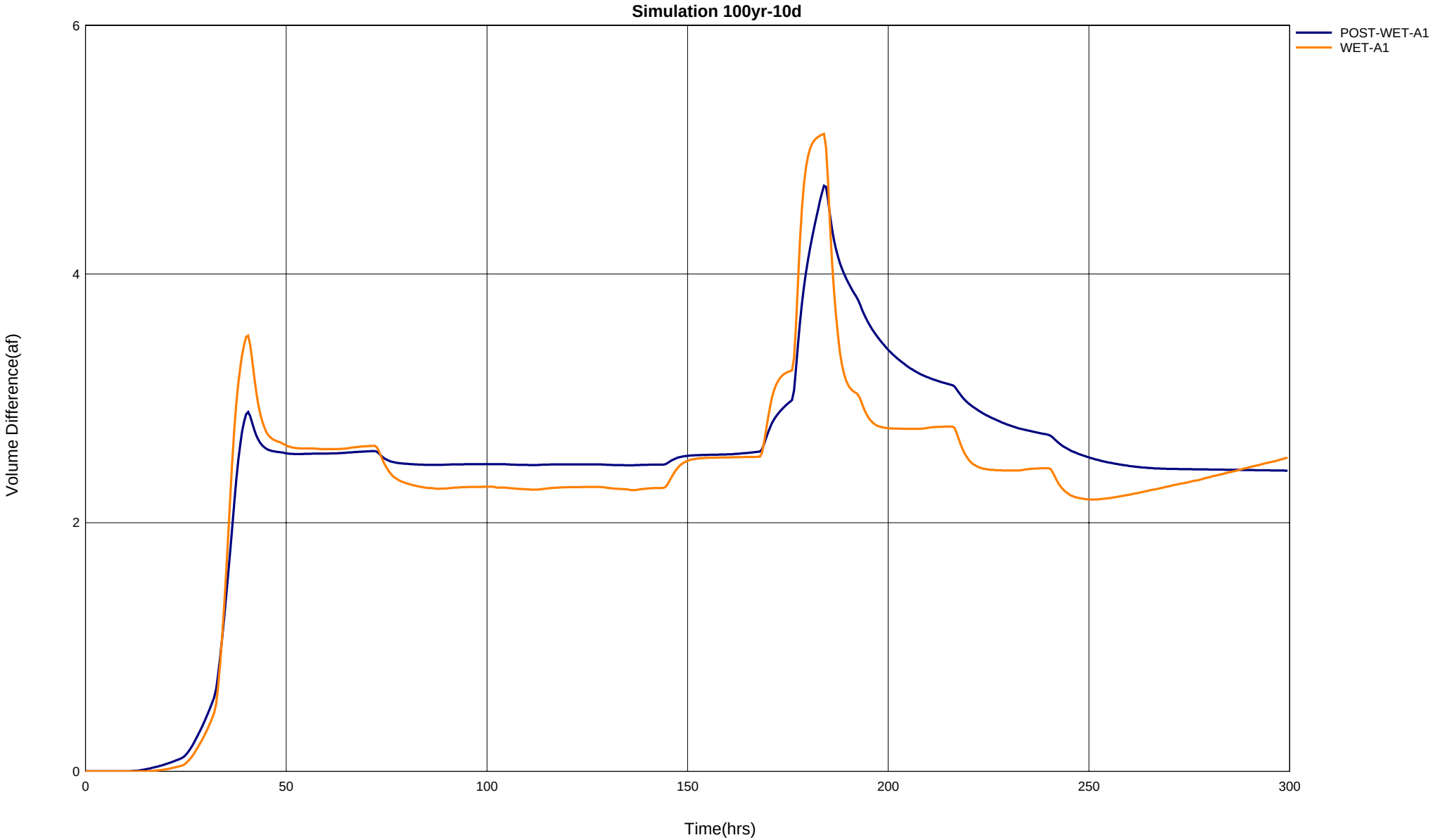


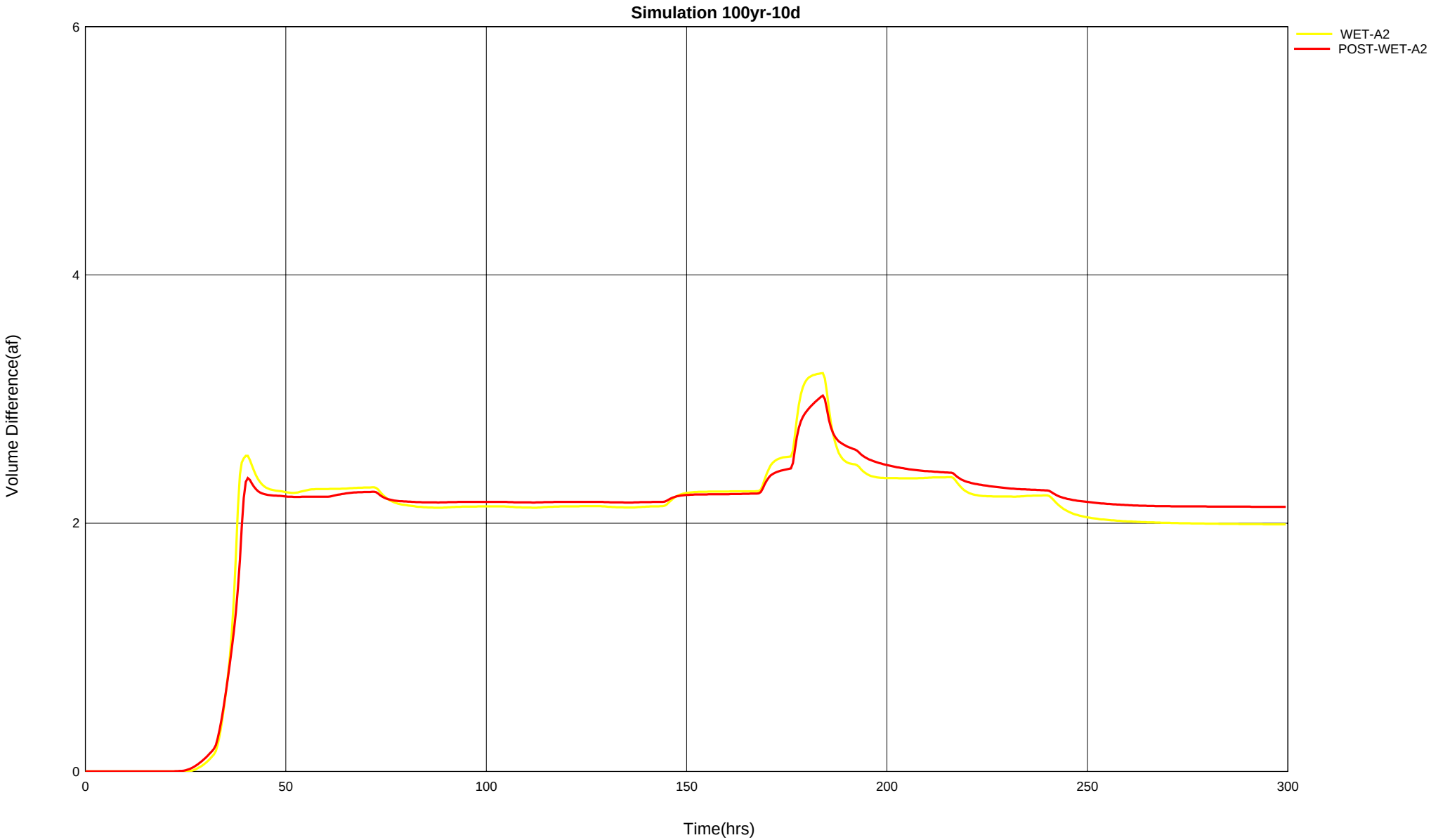


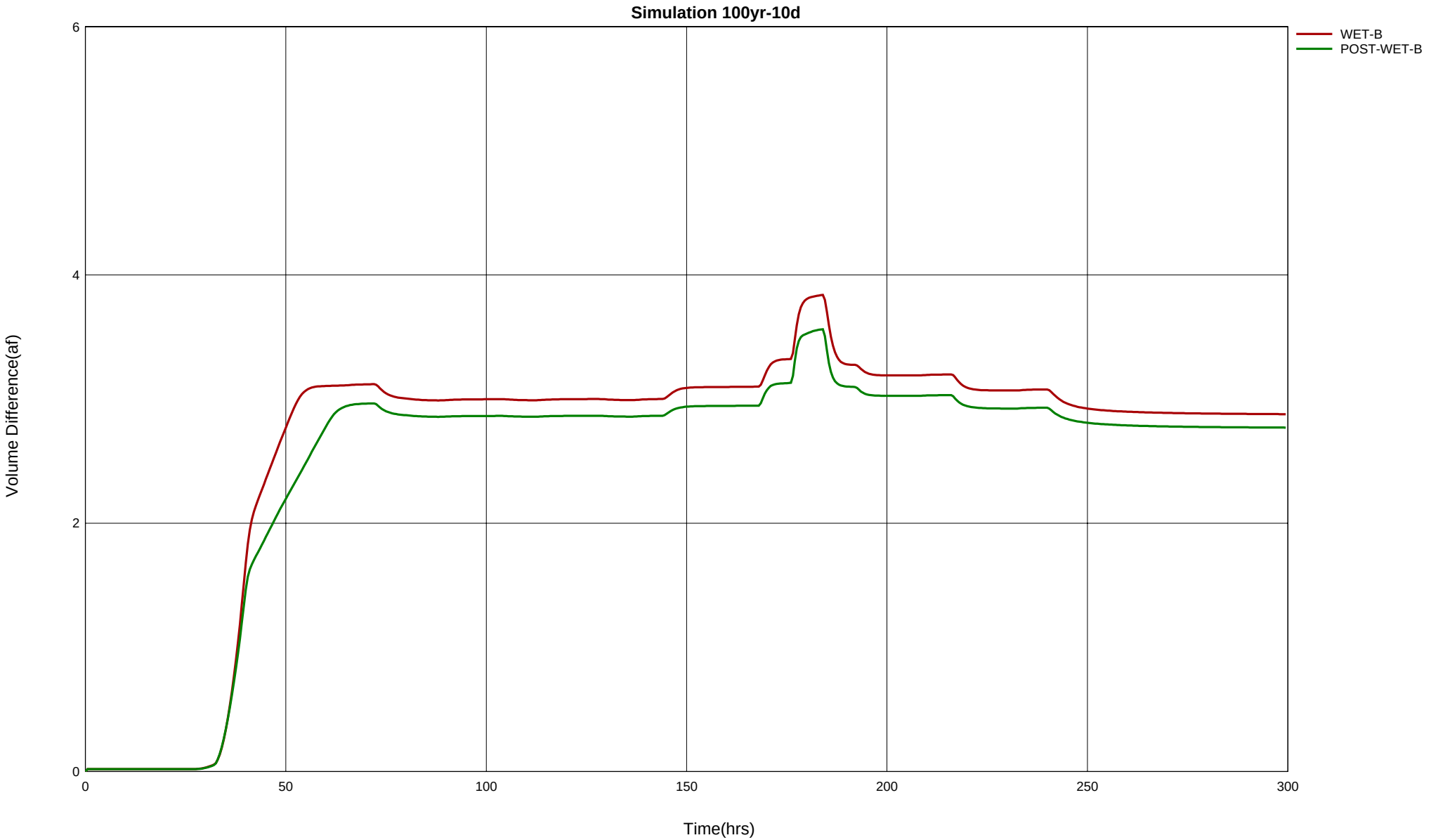












Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Basin100	100yr-10d	183.103	183.250	0.0029	195433	9.568	3.625
Basin100	100yr-1hr	181.739	183.250	0.0033	186098	51.071	0.641
Basin100	100yr-24hr	183.101	183.250	0.0051	195418	16.465	3.670
Basin100	100yr-2hr	181.942	183.250	0.0036	187481	56.570	0.645
Basin100	100yr-3d	183.234	183.250	0.0027	196343	10.527	4.399
Basin100	100yr-4hr	182.284	183.250	0.0045	189814	40.162	0.676
Basin100	100yr-7d	183.171	183.250	0.0017	195902	7.263	4.051
Basin100	100yr-8hr	182.581	183.250	0.0046	191850	44.767	1.380
Basin101	100yr-10d	182.612	182.750	0.0026	198828	13.888	9.627
Basin101	100yr-1hr	181.298	182.750	0.0037	189015	53.064	0.916
Basin101	100yr-24hr	182.521	182.750	0.0054	198152	18.557	8.572
Basin101	100yr-2hr	181.510	182.750	0.0038	190609	61.773	1.018
Basin101	100yr-3d	182.622	182.750	0.0027	198899	14.851	9.756
Basin101	100yr-4hr	181.862	182.750	0.0047	193240	44.548	2.344
Basin101	100yr-7d	182.562	182.750	0.0017	198452	11.913	9.042
Basin101	100yr-8hr	182.107	182.750	0.0047	195072	49.827	4.294
Basin102	100yr-10d	180.865	181.000	0.0025	229122	21.108	15.462
Basin102	100yr-1hr	179.115	181.000	0.0042	216964	62.307	1.084
Basin102	100yr-24hr	180.701	181.000	0.0055	228010	21.534	13.117
Basin102	100yr-2hr	179.319	181.000	0.0043	218413	72.715	1.194
Basin102	100yr-3d	180.838	181.000	0.0028	228937	20.980	15.087
Basin102	100yr-4hr	179.720	181.000	0.0047	221258	52.189	1.872
Basin102	100yr-7d	180.752	181.000	0.0018	228353	17.790	13.909
Basin102	100yr-8hr	180.078	181.000	0.0048	223777	57.022	4.881
bdry	100yr-10d	175.500	176.000	0.0000	0	57.352	0.000
bdry	100yr-1hr	175.500	176.000	0.0000	0	28.556	0.000
bdry	100yr-24hr	175.500	176.000	0.0000	0	61.879	0.000
bdry	100yr-2hr	175.500	176.000	0.0000	0	42.795	0.000
bdry	100yr-3d	175.500	176.000	0.0000	0	58.410	0.000
bdry	100yr-4hr	175.500	176.000	0.0000	0	69.358	0.000
bdry	100yr-7d	175.500	176.000	0.0000	0	43.898	0.000
bdry	100yr-8hr	175.500	176.000	0.0000	0	80.460	0.000
bdry-4	100yr-10d	175.500	176.000	0.0000	0	43.730	0.000
bdry-4	100yr-1hr	175.500	176.000	0.0000	0	9.123	0.000
bdry-4	100yr-24hr	175.500	176.000	0.0000	0	33.994	0.000
bdry-4	100yr-2hr	175.500	176.000	0.0000	0	17.781	0.000
bdry-4	100yr-3d	175.500	176.000	0.0000	0	41.660	0.000
bdry-4	100yr-4hr	175.500	176.000	0.0000	0	34.056	0.000
bdry-4	100yr-7d	175.500	176.000	0.0000	0	35.456	0.000
bdry-4	100yr-8hr	175.500	176.000	0.0000	0	41.027	0.000
Ditch 10	100yr-10d	178.584	179.500	-0.0099	20080	16.413	16.405
Ditch 10	100yr-1hr	178.625	179.500	-0.0100	21100	19.821	19.811
Ditch 10	100yr-24hr	178.608	179.500	-0.0097	20661	18.351	18.284
Ditch 10	100yr-2hr	178.649	179.500	-0.0100	21692	22.525	22.023
Ditch 10	100yr-3d	178.592	179.500	0.0100	20277	17.061	17.022
Ditch 10	100yr-4hr	178.714	179.500	0.0100	23309	29.263	28.943
Ditch 10	100yr-7d	178.528	179.500	-0.0099	18689	12.584	12.580
Ditch 10	100yr-8hr	178.729	179.500	-0.0099	23686	31.123	30.745
Ditch 104	100yr-10d	177.561	178.000	0.0019	10086	1.148	1.148
Ditch 104	100yr-1hr	177.583	178.000	0.0028	10425	3.035	2.709
Ditch 104	100yr-24hr	177.567	178.000	0.0032	10176	1.506	1.498
Ditch 104	100yr-2hr	177.581	178.000	0.0031	10386	2.787	2.492
Ditch 104	100yr-3d	177.562	178.000	0.0022	10103	1.213	1.213
Ditch 104	100yr-4hr	177.585	178.000	0.0023	10444	2.833	2.810
Ditch 104	100yr-7d	177.556	178.000	0.0016	10006	0.877	0.877
Ditch 104	100yr-8hr	177.589	178.000	0.0027	10515	3.285	3.233

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Ditch 13	100yr-10d	177.561	178.000	0.0019	10086	1.148	1.148
Ditch 13	100yr-1hr	177.583	178.000	0.0028	10425	3.035	2.709
Ditch 13	100yr-24hr	177.567	178.000	0.0032	10176	1.506	1.498
Ditch 13	100yr-2hr	177.581	178.000	0.0031	10386	2.787	2.492
Ditch 13	100yr-3d	177.562	178.000	0.0022	10103	1.213	1.213
Ditch 13	100yr-4hr	177.585	178.000	0.0023	10444	2.833	2.810
Ditch 13	100yr-7d	177.556	178.000	0.0016	10006	0.877	0.877
Ditch 13	100yr-8hr	177.589	178.000	0.0027	10515	3.285	3.233
Ditch 20	100yr-10d	180.993	182.300	-0.0099	13423	7.700	7.673
Ditch 20	100yr-1hr	180.824	182.300	-0.0085	11914	7.396	6.239
Ditch 20	100yr-24hr	180.964	182.300	-0.0087	13167	7.697	7.426
Ditch 20	100yr-2hr	180.931	182.300	-0.0093	12875	8.196	7.147
Ditch 20	100yr-3d	181.001	182.300	-0.0088	13498	7.882	7.745
Ditch 20	100yr-4hr	181.293	182.300	-0.0094	16561	11.618	10.322
Ditch 20	100yr-7d	180.785	182.300	-0.0085	11574	5.937	5.924
Ditch 20	100yr-8hr	181.359	182.300	0.0095	17248	12.378	10.905
Ditch200	100yr-10d	180.406	182.250	-0.0099	8181	3.077	3.069
Ditch200	100yr-1hr	180.511	182.250	-0.0085	9122	4.804	3.800
Ditch200	100yr-24hr	180.493	182.250	-0.0097	8966	3.897	3.675
Ditch200	100yr-2hr	180.693	182.250	-0.0098	10751	7.460	5.182
Ditch200	100yr-3d	180.424	182.250	-0.0091	8346	3.211	3.194
Ditch200	100yr-4hr	180.877	182.250	0.0099	12390	7.719	6.685
Ditch200	100yr-7d	180.293	182.250	-0.0097	7174	2.357	2.354
Ditch200	100yr-8hr	180.968	182.250	0.0094	13205	9.512	7.464
Node108	100yr-10d	180.063	180.500	-0.0034	11576	1.358	1.350
Node108	100yr-1hr	179.800	180.500	0.0046	9793	3.157	0.526
Node108	100yr-24hr	180.062	180.500	0.0057	11571	1.601	1.347
Node108	100yr-2hr	179.892	180.500	0.0044	10416	2.320	0.785
Node108	100yr-3d	180.067	180.500	-0.0044	11607	1.420	1.367
Node108	100yr-4hr	180.115	180.500	0.0057	11932	2.686	1.543
Node108	100yr-7d	179.969	180.500	-0.0044	10941	1.032	1.028
Node108	100yr-8hr	180.169	180.500	0.0051	12302	2.965	1.752
Node202	100yr-10d	181.739	182.000	0.0035	15607	0.584	0.560
Node202	100yr-1hr	181.358	182.000	0.0081	11557	3.185	0.000
Node202	100yr-24hr	181.700	182.000	0.0061	15197	0.947	0.430
Node202	100yr-2hr	181.094	182.000	-0.0078	8753	2.505	0.000
Node202	100yr-3d	181.751	182.000	0.0035	15732	0.640	0.602
Node202	100yr-4hr	181.589	182.000	0.0046	14017	2.287	0.128
Node202	100yr-7d	181.705	182.000	0.0022	15249	0.449	0.446
Node202	100yr-8hr	181.626	182.000	0.0047	14410	2.466	0.215
POST-WET-A1	100yr-10d	177.265	177.500	0.0033	256689	24.779	23.563
POST-WET-A1	100yr-1hr	176.949	177.500	0.0053	199394	43.581	5.578
POST-WET-A1	100yr-24hr	177.187	177.500	0.0053	244949	18.465	17.968
POST-WET-A1	100yr-2hr	177.036	177.500	0.0071	222279	35.404	9.305
POST-WET-A1	100yr-3d	177.229	177.500	0.0051	251337	22.649	20.919
POST-WET-A1	100yr-4hr	177.151	177.500	0.0062	239484	34.033	15.621
POST-WET-A1	100yr-7d	177.217	177.500	0.0021	249480	21.010	20.037
POST-WET-A1	100yr-8hr	177.179	177.500	0.0093	243697	36.407	17.415
POST-WET-A2	100yr-10d	176.508	177.000	0.0027	204093	43.945	43.730
POST-WET-A2	100yr-1hr	176.368	177.000	0.0041	175784	29.094	9.123
POST-WET-A2	100yr-24hr	176.478	177.000	0.0046	197927	34.044	33.994
POST-WET-A2	100yr-2hr	176.415	177.000	0.0049	185210	23.167	17.781
POST-WET-A2	100yr-3d	176.502	177.000	0.0028	202844	41.891	41.660
POST-WET-A2	100yr-4hr	176.478	177.000	0.0048	197969	34.617	34.056
POST-WET-A2	100yr-7d	176.483	177.000	0.0024	198905	35.631	35.456

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
POST-WET-A2	100yr-8hr	176.500	177.000	0.0048	202457	41.630	41.027
POST-WET-B	100yr-10d	179.428	179.630	0.0019	190650	10.562	10.516
POST-WET-B	100yr-1hr	178.916	179.630	0.0032	125879	22.916	0.000
POST-WET-B	100yr-24hr	179.419	179.630	0.0047	189472	12.770	9.590
POST-WET-B	100yr-2hr	179.134	179.630	0.0040	151880	19.352	0.000
POST-WET-B	100yr-3d	179.433	179.630	0.0021	191308	11.160	11.051
POST-WET-B	100yr-4hr	179.375	179.630	0.0048	183602	23.213	5.613
POST-WET-B	100yr-7d	179.404	179.630	0.0015	187415	8.088	8.075
POST-WET-B	100yr-8hr	179.417	179.630	0.0048	189140	25.471	9.337
WET-A1	100yr-10d	177.339	177.500	0.0048	267810	29.712	29.562
WET-A1	100yr-1hr	177.217	177.500	0.0060	249530	65.207	20.060
WET-A1	100yr-24hr	177.384	177.500	0.0070	274653	37.278	33.591
WET-A1	100yr-2hr	177.327	177.500	0.0069	266094	56.957	28.592
WET-A1	100yr-3d	177.343	177.500	0.0062	268424	31.490	29.913
WET-A1	100yr-4hr	177.500	177.500	0.0067	292100	67.714	45.029
WET-A1	100yr-7d	177.252	177.500	0.0032	254794	22.701	22.608
WET-A1	100yr-8hr	177.535	177.500	0.0099	297329	67.936	48.783
WET-A2	100yr-10d	176.546	177.000	0.0041	211660	57.403	57.352
WET-A2	100yr-1hr	176.459	177.000	0.0058	194092	33.610	28.556
WET-A2	100yr-24hr	176.557	177.000	0.0064	213971	62.047	61.879
WET-A2	100yr-2hr	176.506	177.000	0.0060	203533	45.153	42.795
WET-A2	100yr-3d	176.549	177.000	0.0032	212208	58.678	58.410
WET-A2	100yr-4hr	176.576	177.000	0.0061	217610	69.699	69.358
WET-A2	100yr-7d	176.509	177.000	0.0035	204193	43.923	43.898
WET-A2	100yr-8hr	176.601	177.000	0.0059	222668	81.044	80.460
WET-B	100yr-10d	179.491	179.630	0.0021	198896	14.299	14.249
WET-B	100yr-1hr	179.105	179.630	0.0038	148032	22.773	0.000
WET-B	100yr-24hr	179.486	179.630	0.0052	198283	15.257	13.681
WET-B	100yr-2hr	179.306	179.630	0.0050	174465	18.323	0.557
WET-B	100yr-3d	179.493	179.630	0.0024	199188	14.776	14.524
WET-B	100yr-4hr	179.455	179.630	0.0058	194130	24.670	10.136
WET-B	100yr-7d	179.462	179.630	0.0018	195144	10.976	10.953
WET-B	100yr-8hr	179.494	179.630	0.0059	199339	24.548	14.667

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-10d	bdry	BASE	239.50	175.333	176.000	0	3.006	0.000	103.0	0.0
100yr-10d	bdry-4	BASE	239.50	175.333	176.000	0	4.095	0.000	100.6	0.0

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-3d	bdry	BASE	71.50	175.099	176.000	0	7.405	0.000	69.3	0.0
100yr-3d	bdry-4	BASE	71.50	175.099	176.000	0	14.660	0.000	55.7	0.0

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-7d	bdry	BASE	167.51	175.233	176.000	0	8.659	0.000	85.9	0.0
100yr-7d	bdry-4	BASE	167.51	175.233	176.000	0	14.624	0.000	74.1	0.0

Gainesville Renewable Energy Center
STORMWATER MANAGEMENT PLAN - WETLANDS A & B

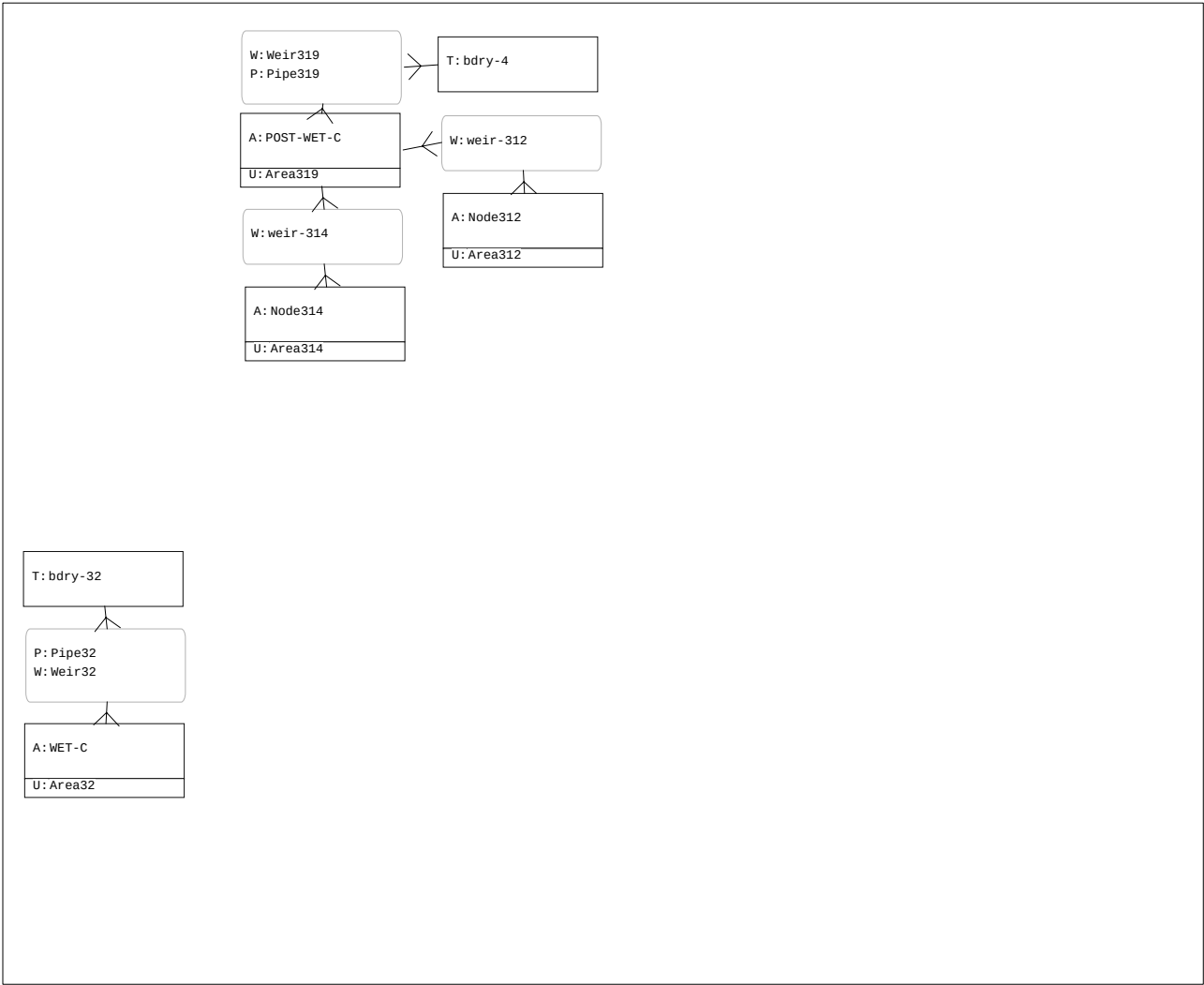
Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-24hr	bdry	BASE	23.51	175.033	176.000	0	19.308	0.000	46.4	0.0
100yr-24hr	bdry-4	BASE	23.51	175.033	176.000	0	21.131	0.000	30.5	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

- Nodes**
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

- Basins**
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

- Links**
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



==== Basins =====

Name: Area312	Node: Node312	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 10.00	
Area(ac): 0.518	Time Shift(hrs): 0.00	
Curve Number: 78.90	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area314	Node: Node314	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 10.00	
Area(ac): 0.880	Time Shift(hrs): 0.00	
Curve Number: 89.90	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area319	Node: POST-WET-C	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 42.00	
Area(ac): 8.269	Time Shift(hrs): 0.00	
Curve Number: 68.20	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area32	Node: WET-C	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 18.00	
Area(ac): 9.897	Time Shift(hrs): 0.00	
Curve Number: 66.60	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

==== Nodes =====

Name: bdry-32	Base Flow(cfs): 0.000	Init Stage(ft): 172.000
Group: BASE		Warn Stage(ft): 174.000
Type: Time/Stage		

Time(hrs)	Stage(ft)
0.00	172.000
360.00	174.000

Name: bdry-4	Base Flow(cfs): 0.000	Init Stage(ft): 172.000
Group: BASE		Warn Stage(ft): 174.000
Type: Time/Stage		

Time(hrs)	Stage(ft)
0.00	172.000
360.00	174.000

Name: Node312	Base Flow(cfs): 0.000	Init Stage(ft): 179.160
Group: BASE		Warn Stage(ft): 181.160
Type: Stage/Area		

Stage(ft)	Area(ac)
179.160	0.0110
180.000	0.0760
181.000	0.1540
181.160	0.1670

Name: Node314	Base Flow(cfs): 0.000	Init Stage(ft): 178.550
Group: BASE		Warn Stage(ft): 180.550
Type: Stage/Area		

Stage(ft)	Area(ac)
178.550	0.0250
179.000	0.1040
180.000	0.2810
180.550	0.3770

Name: POST-WET-C	Base Flow(cfs): 0.000	Init Stage(ft): 173.500
Group: BASE		Warn Stage(ft): 175.450
Type: Stage/Area		

Stage(ft)	Area(ac)
173.500	0.7370
174.000	1.1430
175.000	2.2910
175.450	2.7670

Name: WET-C	Base Flow(cfs): 0.000	Init Stage(ft): 173.500
Group: BASE		Warn Stage(ft): 175.450
Type: Stage/Area		

Stage(ft)	Area(ac)
173.500	0.7370
174.000	1.1430
175.000	2.2910
175.450	2.7670

=====
 === Operating Tables ===
 =====

Name: Group: BASE
 Type: Bottom Clip
 Function: Time vs. Depth of Clip

Time(hrs) Clip Depth(in)

=====
 === Pipes ===
 =====

Name: Pipe319	From Node: POST-WET-C	Length(ft): 25.00
Group: BASE	To Node: bdry-4	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Automatic
		Flow: Both
UPSTREAM	DOWNSTREAM	Entrance Loss Coef: 0.00
Geometry: Circular	Circular	Exit Loss Coef: 1.00
Span(in): 12.00	12.00	Bend Loss Coef: 0.00
Rise(in): 12.00	12.00	Outlet Ctrl Spec: Use dc or tw
Invert(ft): 173.190	172.750	Inlet Ctrl Spec: Use dc
Manning's N: 0.009000	0.009000	Stabilizer Option: None
Top Clip(in): 0.000	0.000	
Bot Clip(in): 0.000	0.000	

Upstream FHWA Inlet Edge Description:
 Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
 Circular Concrete: Square edge w/ headwall

Name: Pipe32	From Node: WET-C	Length(ft): 25.00
Group: BASE	To Node: bdry-32	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Most Restrictive
		Flow: Both
UPSTREAM	DOWNSTREAM	Entrance Loss Coef: 0.00
Geometry: Circular	Circular	Exit Loss Coef: 1.00
Span(in): 12.00	12.00	Bend Loss Coef: 0.00
Rise(in): 12.00	12.00	Outlet Ctrl Spec: Use dc or tw
Invert(ft): 173.190	172.750	Inlet Ctrl Spec: Use dc
Manning's N: 0.009000	0.009000	Stabilizer Option: None
Top Clip(in): 0.000	0.000	
Bot Clip(in): 0.000	0.000	

Upstream FHWA Inlet Edge Description:
 Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

=====
=== Weirs ===
=====

Name: weir-312 From Node: Node312
Group: BASE To Node: POST-WET-C
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 60.00
Rise(in): 12.00
Invert(ft): 180.160
Control Elevation(ft): 180.160

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-314 From Node: Node314
Group: BASE To Node: POST-WET-C
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 60.00
Rise(in): 12.00
Invert(ft): 179.550
Control Elevation(ft): 179.550

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir319 From Node: POST-WET-C
Group: BASE To Node: bdry-4
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 93.00
Corres Depth(ft): 0.40
Invert(ft): 175.000
Control Elevation(ft): 175.000
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir32 From Node: WET-C
Group: BASE To Node: bdry-32
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 93.00
Corres Depth(ft): 0.40
Invert(ft): 175.000
Control Elevation(ft): 175.000
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

=====
Hydrology Simulations
=====

Name: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 18.00

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-1hr.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 4.40

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-24hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.04

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-2hr.R32

Override Defaults: Yes

Storm Duration(hrs): 2.00	
Rainfall File: Fdot-2	
Rainfall Amount(in): 5.00	
Time(hrs)	Print Inc(min)
-----	-----
360.000	30.00

Name: 100yr-3d	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-3d.R32	
Override Defaults: Yes	
Storm Duration(hrs): 72.00	
Rainfall File: Fdot-72	
Rainfall Amount(in): 13.80	
Time(hrs)	Print Inc(min)
-----	-----
360.000	30.00

Name: 100yr-4hr	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-4hr.R32	
Override Defaults: Yes	
Storm Duration(hrs): 4.00	
Rainfall File: Fdot-4	
Rainfall Amount(in): 6.25	
Time(hrs)	Print Inc(min)
-----	-----
360.000	30.00

Name: 100yr-7d	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-7d.R32	
Override Defaults: Yes	
Storm Duration(hrs): 168.00	
Rainfall File: Fdot-168	
Rainfall Amount(in): 16.00	
Time(hrs)	Print Inc(min)
-----	-----
360.000	30.00

Name: 100yr-8hr	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-8hr.R32	
Override Defaults: Yes	
Storm Duration(hrs): 8.00	
Rainfall File: Fdot-8	
Rainfall Amount(in): 7.50	
Time(hrs)	Print Inc(min)
-----	-----
360.000	30.00

==== Routing Simulations =====	
Name: 100yr-10d Hydrology Sim: 100yr-10d	

Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-10d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 360.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-10d

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-1hr Hydrology Sim: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-1hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 360.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-1hr

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-24hr Hydrology Sim: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-24hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.01000
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 360.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows: Hyd-24hr

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-2hr Hydrology Sim: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-2hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-2hr

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-3d Hydrology Sim: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-3d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-3d

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000

Group	Run
-----	-----
BASE	Yes

Name: 100yr-4hr Hydrology Sim: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-4hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-4hr

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

Name: 100yr-7d	Hydrology Sim: 100yr-7d	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-7d.I32		
Execute: Yes	Restart: No	Patch: No
Alternative: No		
Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000	
Time Step Optimizer: 10.000		
Start Time(hrs): 0.000	End Time(hrs): 360.00	
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000	
Boundary Stages:	Boundary Flows: Hyd-7d	

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

Name: 100yr-8hr	Hydrology Sim: 100yr-8hr	
Filename: C:\Program Files\Icpr3\examples\GREC-3\100yr-8hr.I32		
Execute: Yes	Restart: No	Patch: No
Alternative: No		
Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000	
Time Step Optimizer: 10.000		
Start Time(hrs): 0.000	End Time(hrs): 360.00	
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000	
Boundary Stages:	Boundary Flows: Hyd-8hr	

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

=====
==== Boundary Conditions =====
=====

Name: Hyd-1hr	Node: Node314	Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.001
0.178	-0.003
0.200	-0.014
0.222	-0.045
0.244	-0.068
0.267	-0.071
0.289	-0.076
0.311	-0.086
0.333	-0.100
0.356	-0.118
0.378	-0.141
0.400	-0.166
0.422	-0.195
0.444	-0.225
0.467	-0.256
0.489	-0.288
0.511	-0.320
0.533	-0.351
0.556	-0.382
0.578	-0.412
0.600	-0.441
0.622	-0.469
0.644	-0.495
0.667	-0.521
0.689	-0.544
0.711	-0.557
0.733	-0.558
0.756	-0.558
0.778	-0.558
0.800	-0.558
0.822	-0.558
0.844	-0.558
0.867	-0.558
0.889	-0.558
0.911	-0.558
0.933	-0.558
0.956	-0.558
0.978	-0.558
1.000	-0.558
1.022	-0.558
1.044	-0.558
1.067	-0.558
1.089	-0.558
1.111	-0.558
1.133	-0.558
1.156	-0.558
1.178	-0.558
1.200	-0.558
1.222	-0.558
1.244	-0.558
1.267	-0.558
1.289	-0.558
1.311	-0.558
1.333	-0.558
1.356	-0.558

1.378	-0.558
1.400	-0.558
1.422	-0.558
1.444	-0.558
1.467	-0.558
1.489	-0.558
1.511	-0.558
1.533	-0.558
1.556	-0.558
1.578	-0.558
1.600	-0.558
1.622	-0.558
1.644	-0.558
1.667	-0.558
1.689	-0.558
1.711	-0.558
1.733	-0.558
1.756	-0.558
1.778	-0.558
1.800	-0.783
1.822	-0.656
1.844	-0.304
1.867	-0.302
1.889	-0.300
1.911	-0.299
121.911	-0.005
241.911	-0.000
360.000	0.000

Name: Hyd-1hr

Node: Node312

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	-0.000
0.156	-0.001
0.178	-0.003
0.200	-0.014
0.222	-0.027
0.244	-0.031
0.267	-0.034
0.289	-0.040
0.311	-0.048
0.333	-0.060
0.356	-0.074
0.378	-0.090
0.400	-0.108
0.422	-0.128
0.444	-0.149
0.467	-0.170
0.489	-0.192
0.511	-0.213
0.533	-0.235
0.556	-0.246
0.578	-0.246
0.600	-0.246
0.622	-0.246
0.644	-0.246
0.667	-0.246

0.689	-0.246
0.711	-0.246
0.733	-0.246
0.756	-0.246
0.778	-0.246
0.800	-0.246
0.822	-0.246
0.844	-0.246
0.867	-0.246
0.889	-0.246
0.911	-0.246
0.933	-0.246
0.956	-0.246
0.978	-0.246
1.000	-0.246
1.022	-0.246
1.044	-0.246
1.067	-0.246
1.089	-0.246
1.111	-0.246
1.133	-0.246
1.156	-0.246
1.178	-0.246
1.200	-0.246
1.222	-0.246
1.244	-0.246
1.267	-0.246
1.289	-0.246
1.311	-0.246
1.333	-0.246
1.356	-0.246
1.378	-0.246
1.400	-0.246
1.422	-0.246
1.444	-0.246
1.467	-0.246
1.489	-0.246
1.511	-0.246
1.533	-0.246
1.556	-0.246
1.578	-0.529
1.600	-0.681
1.622	-0.525
1.644	-0.479
1.667	-0.436
1.689	-0.400
1.711	-0.367
1.733	-0.339
1.756	-0.315
1.778	-0.294
1.800	-0.275
1.822	-0.258
1.844	-0.244
1.867	-0.231
1.889	-0.220
1.911	-0.214
121.911	-0.002
241.911	0.000
360.000	0.000

Name: Hyd-2hr

Node: Node312

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.002
0.133	-0.009
0.156	-0.022
0.178	-0.031
0.200	-0.032
0.222	-0.034
0.244	-0.038
0.267	-0.043
0.289	-0.051
0.311	-0.059
0.333	-0.069
0.356	-0.080
0.378	-0.091
0.400	-0.102
0.422	-0.114
0.444	-0.125
0.467	-0.137
0.489	-0.149
0.511	-0.162
0.533	-0.174
0.556	-0.187
0.578	-0.200
0.600	-0.213
0.622	-0.226
0.644	-0.238
0.667	-0.246
0.689	-0.246
0.711	-0.246
0.733	-0.246
0.756	-0.246
0.778	-0.246
0.800	-0.246
0.822	-0.246
0.844	-0.246
0.867	-0.246
0.889	-0.246
0.911	-0.246
0.933	-0.246
0.956	-0.246
0.978	-0.246
1.000	-0.246
1.022	-0.246
1.044	-0.246
1.067	-0.246
1.089	-0.246
1.111	-0.246
1.133	-0.246
1.156	-0.246
1.178	-0.246
1.200	-0.246
1.222	-0.246
1.244	-0.246
1.267	-0.246
1.289	-0.246
1.311	-0.246
1.333	-0.246
1.356	-0.246
1.378	-0.246
1.400	-0.246
1.422	-0.246

1.444	-0.246
1.467	-0.246
1.489	-0.246
1.511	-0.246
1.533	-0.246
1.556	-0.246
1.578	-0.246
1.600	-0.775
1.622	-0.937
1.644	-0.548
1.667	-0.504
1.689	-0.464
1.711	-0.429
1.733	-0.398
1.756	-0.370
1.778	-0.346
1.800	-0.325
1.822	-0.307
1.844	-0.290
1.867	-0.275
1.889	-0.261
1.911	-0.249
1.933	-0.238
1.956	-0.228
1.978	-0.219
2.000	-0.211
2.022	-0.204
2.044	-0.197
2.067	-0.189
2.089	-0.182
2.111	-0.175
2.133	-0.169
2.156	-0.163
2.178	-0.158
2.200	-0.153
2.222	-0.149
2.244	-0.146
2.267	-0.143
2.289	-0.140
2.311	-0.137
2.333	-0.135
2.356	-0.132
2.378	-0.130
2.400	-0.128
2.422	-0.126
2.444	-0.125
2.467	-0.123
2.489	-0.121
2.511	-0.120
2.533	-0.118
2.556	-0.117
2.578	-0.116
2.600	-0.115
2.622	-0.114
2.644	-0.113
2.667	-0.111
2.689	-0.110
2.711	-0.109
2.733	-0.108
2.756	-0.107
2.778	-0.106
2.800	-0.105
2.822	-0.104
2.844	-0.102
2.867	-0.101

2.889	-0.100
2.911	-0.100
122.911	-0.002
242.911	0.000
360.000	0.000

Name: Hyd-2hr

Node: Node314

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	-0.000
0.111	-0.002
0.133	-0.009
0.156	-0.024
0.178	-0.052
0.200	-0.070
0.222	-0.071
0.244	-0.074
0.267	-0.080
0.289	-0.088
0.311	-0.098
0.333	-0.111
0.356	-0.125
0.378	-0.141
0.400	-0.157
0.422	-0.173
0.444	-0.189
0.467	-0.206
0.489	-0.224
0.511	-0.241
0.533	-0.260
0.556	-0.279
0.578	-0.297
0.600	-0.316
0.622	-0.335
0.644	-0.354
0.667	-0.372
0.689	-0.391
0.711	-0.410
0.733	-0.429
0.756	-0.448
0.778	-0.467
0.800	-0.486
0.822	-0.505
0.844	-0.524
0.867	-0.541
0.889	-0.554
0.911	-0.558
0.933	-0.558
0.956	-0.558
0.978	-0.558
1.000	-0.558
1.022	-0.558
1.044	-0.558
1.067	-0.558
1.089	-0.558
1.111	-0.558
1.133	-0.558
1.156	-0.558
1.178	-0.558

1.200	-0.558
1.222	-0.558
1.244	-0.558
1.267	-0.558
1.289	-0.558
1.311	-0.558
1.333	-0.558
1.356	-0.558
1.378	-0.558
1.400	-0.558
1.422	-0.558
1.444	-0.558
1.467	-0.558
1.489	-0.558
1.511	-0.558
1.533	-0.558
1.556	-0.558
1.578	-0.558
1.600	-0.558
1.622	-0.558
1.644	-0.558
1.667	-0.558
1.689	-0.558
1.711	-0.558
1.733	-0.558
1.756	-0.558
1.778	-0.558
1.800	-0.558
1.822	-0.558
1.844	-0.558
1.867	-0.812
1.889	-0.693
1.911	-0.320
1.933	-0.320
1.956	-0.319
1.978	-0.318
2.000	-0.316
2.022	-0.314
2.044	-0.311
2.067	-0.307
2.089	-0.304
2.111	-0.299
2.133	-0.295
2.156	-0.291
2.178	-0.287
2.200	-0.282
2.222	-0.278
2.244	-0.274
2.267	-0.269
2.289	-0.265
2.311	-0.261
2.333	-0.256
2.356	-0.252
2.378	-0.248
2.400	-0.244
2.422	-0.239
2.444	-0.235
2.467	-0.231
2.489	-0.227
2.511	-0.223
2.533	-0.219
2.556	-0.216
2.578	-0.212
2.600	-0.208
2.622	-0.205

2.644	-0.201
2.667	-0.198
2.689	-0.195
2.711	-0.191
2.733	-0.188
2.756	-0.185
2.778	-0.182
2.800	-0.180
2.822	-0.177
2.844	-0.174
2.867	-0.172
2.889	-0.169
2.911	-0.168
122.911	-0.005
242.911	-0.000
360.000	0.000

Name: Hyd-4hr

Node: Node312

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000
0.489	-0.000
0.511	-0.001
0.533	-0.004
0.556	-0.010
0.578	-0.019
0.600	-0.028
0.622	-0.031
0.644	-0.032
0.667	-0.033
0.689	-0.035
0.711	-0.038
0.733	-0.041
0.756	-0.044
0.778	-0.048
0.800	-0.052
0.822	-0.056
0.844	-0.060
0.867	-0.065
0.889	-0.069
0.911	-0.074
0.933	-0.078

0.956	-0.083
0.978	-0.087
1.000	-0.092
1.022	-0.096
1.044	-0.101
1.067	-0.106
1.089	-0.111
1.111	-0.116
1.133	-0.122
1.156	-0.128
1.178	-0.135
1.200	-0.141
1.222	-0.148
1.244	-0.155
1.267	-0.161
1.289	-0.168
1.311	-0.175
1.333	-0.182
1.356	-0.188
1.378	-0.195
1.400	-0.201
1.422	-0.208
1.444	-0.214
1.467	-0.220
1.489	-0.227
1.511	-0.233
1.533	-0.239
1.556	-0.244
1.578	-0.246
1.600	-0.246
1.622	-0.246
1.644	-0.246
1.667	-0.246
1.689	-0.246
1.711	-0.246
1.733	-0.246
1.756	-0.246
1.778	-0.246
1.800	-0.246
1.822	-0.246
1.844	-0.246
1.867	-0.246
1.889	-0.246
1.911	-0.246
1.933	-0.246
1.956	-0.246
1.978	-0.246
2.000	-0.246
2.022	-0.246
2.044	-0.246
2.067	-0.246
2.089	-0.246
2.111	-0.246
2.133	-0.246
2.156	-0.246
2.178	-0.246
2.200	-0.246
2.222	-0.246
2.244	-0.246
2.267	-1.082
2.289	-1.268
2.311	-0.597
2.333	-0.553
2.356	-0.513
2.378	-0.476

2.400	-0.444
2.422	-0.416
2.444	-0.391
2.467	-0.369
2.489	-0.349
2.511	-0.331
2.533	-0.314
2.556	-0.297
2.578	-0.280
2.600	-0.264
2.622	-0.250
2.644	-0.237
2.667	-0.226
2.689	-0.216
2.711	-0.208
2.733	-0.202
2.756	-0.196
2.778	-0.190
2.800	-0.186
2.822	-0.181
2.844	-0.178
2.867	-0.174
2.889	-0.171
2.911	-0.168
2.933	-0.166
2.956	-0.163
2.978	-0.161
3.000	-0.158
3.022	-0.155
3.044	-0.151
3.067	-0.144
3.089	-0.137
3.111	-0.129
3.133	-0.122
3.156	-0.117
3.178	-0.112
3.200	-0.109
3.222	-0.107
3.244	-0.105
3.267	-0.104
3.289	-0.103
3.311	-0.102
3.333	-0.101
3.356	-0.100
3.378	-0.100
3.400	-0.100
3.422	-0.099
3.444	-0.099
3.467	-0.099
3.489	-0.099
3.511	-0.098
3.533	-0.098
3.556	-0.097
3.578	-0.095
3.600	-0.093
3.622	-0.091
3.644	-0.089
3.667	-0.088
3.689	-0.087
3.711	-0.086
3.733	-0.085
3.756	-0.085
3.778	-0.085
3.800	-0.084
3.822	-0.084

3.844	-0.084
3.867	-0.084
3.889	-0.083
3.911	-0.083
3.933	-0.083
3.956	-0.083
3.978	-0.083
4.000	-0.083
4.022	-0.083
4.044	-0.082
4.067	-0.081
4.089	-0.080
4.111	-0.079
4.133	-0.078
4.156	-0.077
4.178	-0.076
4.200	-0.075
4.222	-0.074
4.244	-0.074
4.267	-0.073
4.289	-0.073
4.311	-0.073
4.333	-0.072
4.356	-0.072
4.378	-0.072
4.400	-0.072
4.422	-0.071
4.444	-0.071
4.467	-0.071
4.489	-0.071
4.511	-0.071
4.533	-0.070
4.556	-0.070
4.578	-0.070
4.600	-0.070
4.622	-0.070
4.644	-0.070
4.667	-0.069
4.689	-0.069
4.711	-0.069
4.733	-0.069
4.756	-0.069
4.778	-0.068
4.800	-0.068
4.822	-0.068
4.844	-0.068
4.867	-0.067
4.889	-0.067
4.911	-0.067
124.911	-0.002
244.911	0.000
360.000	0.000

Name: Hyd-4hr

Node: Node314

Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000

0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	-0.000
0.467	-0.000
0.489	-0.000
0.511	-0.001
0.533	-0.004
0.556	-0.010
0.578	-0.019
0.600	-0.033
0.622	-0.051
0.644	-0.065
0.667	-0.070
0.689	-0.071
0.711	-0.073
0.733	-0.075
0.756	-0.078
0.778	-0.082
0.800	-0.087
0.822	-0.091
0.844	-0.096
0.867	-0.102
0.889	-0.107
0.911	-0.113
0.933	-0.119
0.956	-0.125
0.978	-0.131
1.000	-0.137
1.022	-0.143
1.044	-0.149
1.067	-0.156
1.089	-0.163
1.111	-0.170
1.133	-0.178
1.156	-0.187
1.178	-0.196
1.200	-0.206
1.222	-0.216
1.244	-0.225
1.267	-0.235
1.289	-0.245
1.311	-0.255
1.333	-0.264
1.356	-0.274
1.378	-0.283
1.400	-0.293
1.422	-0.302
1.444	-0.311
1.467	-0.320
1.489	-0.329
1.511	-0.338
1.533	-0.346
1.556	-0.355
1.578	-0.364

1.600	-0.373
1.622	-0.383
1.644	-0.392
1.667	-0.402
1.689	-0.412
1.711	-0.422
1.733	-0.433
1.756	-0.443
1.778	-0.453
1.800	-0.463
1.822	-0.473
1.844	-0.483
1.867	-0.493
1.889	-0.503
1.911	-0.513
1.933	-0.522
1.956	-0.532
1.978	-0.541
2.000	-0.550
2.022	-0.557
2.044	-0.558
2.067	-0.558
2.089	-0.558
2.111	-0.558
2.133	-0.558
2.156	-0.558
2.178	-0.558
2.200	-0.558
2.222	-0.558
2.244	-0.558
2.267	-0.558
2.289	-0.558
2.311	-0.558
2.333	-0.558
2.356	-0.558
2.378	-0.558
2.400	-0.558
2.422	-0.558
2.444	-0.558
2.467	-0.558
2.489	-0.558
2.511	-0.558
2.533	-0.558
2.556	-0.558
2.578	-0.558
2.600	-0.558
2.622	-0.558
2.644	-0.558
2.667	-0.987
2.689	-0.879
2.711	-0.345
2.733	-0.347
2.756	-0.347
2.778	-0.346
2.800	-0.344
2.822	-0.342
2.844	-0.339
2.867	-0.336
2.889	-0.334
2.911	-0.330
2.933	-0.327
2.956	-0.324
2.978	-0.320
3.000	-0.316
3.022	-0.312

3.044	-0.307
3.067	-0.301
3.089	-0.294
3.111	-0.286
3.133	-0.279
3.156	-0.273
3.178	-0.266
3.200	-0.261
3.222	-0.255
3.244	-0.250
3.267	-0.245
3.289	-0.240
3.311	-0.235
3.333	-0.231
3.356	-0.227
3.378	-0.222
3.400	-0.218
3.422	-0.214
3.444	-0.211
3.467	-0.207
3.489	-0.203
3.511	-0.200
3.533	-0.196
3.556	-0.193
3.578	-0.189
3.600	-0.185
3.622	-0.181
3.644	-0.178
3.667	-0.175
3.689	-0.171
3.711	-0.169
3.733	-0.166
3.756	-0.163
3.778	-0.161
3.800	-0.158
3.822	-0.156
3.844	-0.154
3.867	-0.152
3.889	-0.150
3.911	-0.148
3.933	-0.146
3.956	-0.144
3.978	-0.143
4.000	-0.141
4.022	-0.140
4.044	-0.138
4.067	-0.136
4.089	-0.134
4.111	-0.132
4.133	-0.131
4.156	-0.129
4.178	-0.127
4.200	-0.126
4.222	-0.124
4.244	-0.123
4.267	-0.122
4.289	-0.121
4.311	-0.119
4.333	-0.118
4.356	-0.117
4.378	-0.116
4.400	-0.115
4.422	-0.114
4.444	-0.113
4.467	-0.112

4.489	-0.111
4.511	-0.111
4.533	-0.110
4.556	-0.109
4.578	-0.108
4.600	-0.107
4.622	-0.107
4.644	-0.106
4.667	-0.105
4.689	-0.105
4.711	-0.104
4.733	-0.103
4.756	-0.103
4.778	-0.102
4.800	-0.102
4.822	-0.101
4.844	-0.100
4.867	-0.100
4.889	-0.099
4.911	-0.099
124.911	-0.000
244.911	-0.001
360.000	0.000

Name: Hyd-8hr

Node: Node314

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000

0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.001
1.156	-0.003
1.178	-0.006
1.200	-0.012
1.222	-0.019
1.244	-0.028
1.267	-0.039
1.289	-0.050
1.311	-0.063
1.333	-0.069
1.356	-0.070
1.378	-0.071
1.400	-0.072
1.422	-0.073
1.444	-0.075
1.467	-0.077
1.489	-0.080
1.511	-0.083
1.533	-0.086
1.556	-0.089
1.578	-0.092
1.600	-0.096
1.622	-0.099
1.644	-0.103
1.667	-0.106
1.689	-0.110
1.711	-0.114
1.733	-0.118
1.756	-0.122
1.778	-0.126
1.800	-0.129
1.822	-0.133
1.844	-0.137
1.867	-0.141
1.889	-0.145
1.911	-0.149
1.933	-0.152
1.956	-0.156
1.978	-0.160
2.000	-0.164
2.022	-0.167
2.044	-0.171
2.067	-0.175
2.089	-0.179
2.111	-0.183
2.133	-0.187
2.156	-0.191
2.178	-0.196
2.200	-0.200
2.222	-0.205

2.244	-0.209
2.267	-0.214
2.289	-0.219
2.311	-0.224
2.333	-0.228
2.356	-0.233
2.378	-0.237
2.400	-0.242
2.422	-0.247
2.444	-0.251
2.467	-0.256
2.489	-0.260
2.511	-0.264
2.533	-0.269
2.556	-0.273
2.578	-0.277
2.600	-0.281
2.622	-0.286
2.644	-0.290
2.667	-0.294
2.689	-0.298
2.711	-0.302
2.733	-0.306
2.756	-0.310
2.778	-0.314
2.800	-0.317
2.822	-0.321
2.844	-0.325
2.867	-0.329
2.889	-0.332
2.911	-0.336
2.933	-0.339
2.956	-0.343
2.978	-0.346
3.000	-0.350
3.022	-0.353
3.044	-0.357
3.067	-0.361
3.089	-0.365
3.111	-0.371
3.133	-0.377
3.156	-0.384
3.178	-0.392
3.200	-0.400
3.222	-0.409
3.244	-0.418
3.267	-0.427
3.289	-0.437
3.311	-0.446
3.333	-0.456
3.356	-0.465
3.378	-0.475
3.400	-0.484
3.422	-0.494
3.444	-0.503
3.467	-0.513
3.489	-0.522
3.511	-0.531
3.533	-0.540
3.556	-0.549
3.578	-0.556
3.600	-0.558
3.622	-0.558
3.644	-0.558
3.667	-0.558

3.689	-0.558
3.711	-0.558
3.733	-0.558
3.756	-0.558
3.778	-0.558
3.800	-0.558
3.822	-0.558
3.844	-0.940
3.867	-0.850
3.889	-0.378
3.911	-0.380
3.933	-0.380
3.956	-0.380
3.978	-0.378
4.000	-0.376
4.022	-0.373
4.044	-0.368
4.067	-0.362
4.089	-0.353
4.111	-0.344
4.133	-0.336
4.156	-0.327
4.178	-0.320
4.200	-0.313
4.222	-0.306
4.244	-0.300
4.267	-0.294
4.289	-0.289
4.311	-0.283
4.333	-0.278
4.356	-0.273
4.378	-0.268
4.400	-0.263
4.422	-0.258
4.444	-0.253
4.467	-0.249
4.489	-0.244
4.511	-0.240
4.533	-0.236
4.556	-0.232
4.578	-0.228
4.600	-0.224
4.622	-0.220
4.644	-0.217
4.667	-0.213
4.689	-0.210
4.711	-0.207
4.733	-0.204
4.756	-0.201
4.778	-0.198
4.800	-0.195
4.822	-0.193
4.844	-0.190
4.867	-0.188
4.889	-0.185
4.911	-0.183
4.933	-0.181
4.956	-0.178
4.978	-0.176
5.000	-0.174
5.022	-0.172
5.044	-0.169
5.067	-0.166
5.089	-0.162
5.111	-0.159

5.133	-0.155
5.156	-0.152
5.178	-0.149
5.200	-0.146
5.222	-0.144
5.244	-0.141
5.267	-0.139
5.289	-0.137
5.311	-0.136
5.333	-0.134
5.356	-0.132
5.378	-0.131
5.400	-0.129
5.422	-0.128
5.444	-0.127
5.467	-0.125
5.489	-0.124
5.511	-0.123
5.533	-0.122
5.556	-0.121
5.578	-0.120
5.600	-0.119
5.622	-0.118
5.644	-0.118
5.667	-0.117
5.689	-0.116
5.711	-0.115
5.733	-0.115
5.756	-0.114
5.778	-0.113
5.800	-0.113
5.822	-0.112
5.844	-0.111
5.867	-0.111
5.889	-0.110
5.911	-0.110
5.933	-0.109
5.956	-0.109
5.978	-0.108
6.000	-0.108
6.022	-0.107
6.044	-0.107
6.067	-0.106
6.089	-0.105
6.111	-0.105
6.133	-0.104
6.156	-0.104
6.178	-0.103
6.200	-0.102
6.222	-0.102
6.244	-0.101
6.267	-0.101
6.289	-0.100
6.311	-0.100
6.333	-0.100
6.356	-0.099
6.378	-0.099
6.400	-0.098
6.422	-0.098
6.444	-0.097
6.467	-0.097
6.489	-0.097
6.511	-0.096
6.533	-0.096
6.556	-0.096

6.578	-0.095
6.600	-0.095
6.622	-0.095
6.644	-0.094
6.667	-0.094
6.689	-0.094
6.711	-0.093
6.733	-0.093
6.756	-0.093
6.778	-0.092
6.800	-0.092
6.822	-0.092
6.844	-0.092
6.867	-0.091
6.889	-0.091
6.911	-0.091
6.933	-0.090
6.956	-0.090
6.978	-0.090
7.000	-0.090
7.022	-0.089
7.044	-0.089
7.067	-0.088
7.089	-0.088
7.111	-0.087
7.133	-0.087
7.156	-0.086
7.178	-0.086
7.200	-0.085
7.222	-0.085
7.244	-0.084
7.267	-0.084
7.289	-0.083
7.311	-0.083
7.333	-0.083
7.356	-0.082
7.378	-0.082
7.400	-0.081
7.422	-0.081
7.444	-0.081
7.467	-0.081
7.489	-0.080
7.511	-0.080
7.533	-0.080
7.556	-0.079
7.578	-0.079
7.600	-0.079
7.622	-0.079
7.644	-0.078
7.667	-0.078
7.689	-0.078
7.711	-0.078
7.733	-0.078
7.756	-0.077
7.778	-0.077
7.800	-0.077
7.822	-0.077
7.844	-0.077
7.867	-0.076
7.889	-0.076
7.911	-0.076
7.933	-0.076
7.956	-0.076
7.978	-0.076
8.000	-0.075

8.022	-0.075
8.044	-0.075
8.067	-0.074
8.089	-0.074
8.111	-0.073
8.133	-0.073
8.156	-0.072
8.178	-0.071
8.200	-0.071
8.222	-0.070
8.244	-0.070
8.267	-0.070
8.289	-0.069
8.311	-0.069
8.333	-0.068
8.356	-0.068
8.378	-0.068
8.400	-0.067
8.422	-0.067
8.444	-0.067
8.467	-0.067
8.489	-0.066
8.511	-0.066
8.533	-0.066
8.556	-0.065
8.578	-0.065
8.600	-0.065
8.622	-0.065
8.644	-0.065
8.667	-0.064
8.689	-0.064
8.711	-0.064
8.733	-0.064
8.756	-0.064
8.778	-0.064
8.800	-0.063
8.822	-0.063
8.844	-0.063
8.867	-0.063
8.889	-0.063
8.911	-0.063
128.911	-0.001
248.911	-0.001
360.000	0.000

Name: Hyd-8hr

Node: Node312

Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000

0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	-0.000
1.111	-0.000
1.133	-0.001
1.156	-0.003
1.178	-0.006
1.200	-0.012
1.222	-0.019
1.244	-0.027
1.267	-0.031
1.289	-0.031
1.311	-0.032
1.333	-0.033
1.356	-0.034
1.378	-0.036
1.400	-0.038
1.422	-0.040
1.444	-0.042
1.467	-0.045
1.489	-0.048
1.511	-0.050
1.533	-0.053
1.556	-0.056
1.578	-0.059
1.600	-0.062
1.622	-0.065
1.644	-0.068
1.667	-0.071
1.689	-0.074
1.711	-0.077
1.733	-0.080
1.756	-0.083

1.778	-0.086
1.800	-0.089
1.822	-0.092
1.844	-0.095
1.867	-0.098
1.889	-0.101
1.911	-0.104
1.933	-0.107
1.956	-0.109
1.978	-0.112
2.000	-0.115
2.022	-0.118
2.044	-0.121
2.067	-0.123
2.089	-0.126
2.111	-0.129
2.133	-0.132
2.156	-0.135
2.178	-0.139
2.200	-0.142
2.222	-0.145
2.244	-0.149
2.267	-0.152
2.289	-0.155
2.311	-0.159
2.333	-0.162
2.356	-0.165
2.378	-0.169
2.400	-0.172
2.422	-0.175
2.444	-0.178
2.467	-0.182
2.489	-0.185
2.511	-0.188
2.533	-0.191
2.556	-0.194
2.578	-0.197
2.600	-0.200
2.622	-0.203
2.644	-0.206
2.667	-0.209
2.689	-0.212
2.711	-0.215
2.733	-0.218
2.756	-0.221
2.778	-0.224
2.800	-0.227
2.822	-0.229
2.844	-0.232
2.867	-0.235
2.889	-0.238
2.911	-0.240
2.933	-0.243
2.956	-0.245
2.978	-0.246
3.000	-0.246
3.022	-0.246
3.044	-0.246
3.067	-0.246
3.089	-0.246
3.111	-0.246
3.133	-0.246
3.156	-0.246
3.178	-0.246
3.200	-0.246

3.222	-0.768
3.244	-0.968
3.267	-0.623
3.289	-0.581
3.311	-0.543
3.333	-0.509
3.356	-0.478
3.378	-0.451
3.400	-0.426
3.422	-0.404
3.444	-0.384
3.467	-0.366
3.489	-0.349
3.511	-0.334
3.533	-0.320
3.556	-0.308
3.578	-0.296
3.600	-0.286
3.622	-0.276
3.644	-0.267
3.667	-0.259
3.689	-0.251
3.711	-0.244
3.733	-0.237
3.756	-0.231
3.778	-0.225
3.800	-0.220
3.822	-0.214
3.844	-0.210
3.867	-0.205
3.889	-0.201
3.911	-0.197
3.933	-0.193
3.956	-0.189
3.978	-0.186
4.000	-0.182
4.022	-0.177
4.044	-0.170
4.067	-0.159
4.089	-0.145
4.111	-0.132
4.133	-0.120
4.156	-0.111
4.178	-0.105
4.200	-0.100
4.222	-0.097
4.244	-0.095
4.267	-0.094
4.289	-0.093
4.311	-0.093
4.333	-0.092
4.356	-0.092
4.378	-0.092
4.400	-0.093
4.422	-0.093
4.444	-0.093
4.467	-0.094
4.489	-0.094
4.511	-0.094
4.533	-0.095
4.556	-0.095
4.578	-0.095
4.600	-0.096
4.622	-0.096
4.644	-0.096

4.667	-0.096
4.689	-0.097
4.711	-0.097
4.733	-0.097
4.756	-0.097
4.778	-0.097
4.800	-0.097
4.822	-0.097
4.844	-0.097
4.867	-0.097
4.889	-0.097
4.911	-0.097
4.933	-0.097
4.956	-0.097
4.978	-0.097
5.000	-0.096
5.022	-0.096
5.044	-0.094
5.067	-0.091
5.089	-0.087
5.111	-0.082
5.133	-0.079
5.156	-0.075
5.178	-0.073
5.200	-0.071
5.222	-0.070
5.244	-0.069
5.267	-0.069
5.289	-0.069
5.311	-0.068
5.333	-0.068
5.356	-0.068
5.378	-0.068
5.400	-0.068
5.422	-0.068
5.444	-0.069
5.467	-0.069
5.489	-0.069
5.511	-0.069
5.533	-0.069
5.556	-0.069
5.578	-0.070
5.600	-0.070
5.622	-0.070
5.644	-0.070
5.667	-0.070
5.689	-0.070
5.711	-0.071
5.733	-0.071
5.756	-0.071
5.778	-0.071
5.800	-0.071
5.822	-0.071
5.844	-0.071
5.867	-0.071
5.889	-0.071
5.911	-0.071
5.933	-0.071
5.956	-0.071
5.978	-0.071
6.000	-0.071
6.022	-0.071
6.044	-0.071
6.067	-0.071
6.089	-0.070

6.111	-0.070
6.133	-0.070
6.156	-0.069
6.178	-0.069
6.200	-0.069
6.222	-0.068
6.244	-0.068
6.267	-0.068
6.289	-0.068
6.311	-0.068
6.333	-0.067
6.356	-0.067
6.378	-0.067
6.400	-0.067
6.422	-0.067
6.444	-0.067
6.467	-0.067
6.489	-0.067
6.511	-0.067
6.533	-0.066
6.556	-0.066
6.578	-0.066
6.600	-0.066
6.622	-0.066
6.644	-0.066
6.667	-0.066
6.689	-0.066
6.711	-0.066
6.733	-0.066
6.756	-0.065
6.778	-0.065
6.800	-0.065
6.822	-0.065
6.844	-0.065
6.867	-0.065
6.889	-0.065
6.911	-0.065
6.933	-0.065
6.956	-0.064
6.978	-0.064
7.000	-0.064
7.022	-0.064
7.044	-0.064
7.067	-0.063
7.089	-0.062
7.111	-0.061
7.133	-0.061
7.156	-0.060
7.178	-0.059
7.200	-0.059
7.222	-0.058
7.244	-0.058
7.267	-0.058
7.289	-0.058
7.311	-0.057
7.333	-0.057
7.356	-0.057
7.378	-0.057
7.400	-0.057
7.422	-0.057
7.444	-0.057
7.467	-0.057
7.489	-0.056
7.511	-0.056
7.533	-0.056

7.556	-0.056
7.578	-0.056
7.600	-0.056
7.622	-0.056
7.644	-0.056
7.667	-0.056
7.689	-0.056
7.711	-0.056
7.733	-0.056
7.756	-0.056
7.778	-0.056
7.800	-0.056
7.822	-0.056
7.844	-0.056
7.867	-0.056
7.889	-0.056
7.911	-0.056
7.933	-0.056
7.956	-0.056
7.978	-0.056
8.000	-0.056
8.022	-0.056
8.044	-0.055
8.067	-0.054
8.089	-0.054
8.111	-0.053
8.133	-0.052
8.156	-0.051
8.178	-0.050
8.200	-0.049
8.222	-0.049
8.244	-0.048
8.267	-0.048
8.289	-0.048
8.311	-0.047
8.333	-0.047
8.356	-0.047
8.378	-0.047
8.400	-0.046
8.422	-0.046
8.444	-0.046
8.467	-0.046
8.489	-0.046
8.511	-0.046
8.533	-0.046
8.556	-0.046
8.578	-0.046
8.600	-0.046
8.622	-0.046
8.644	-0.046
8.667	-0.046
8.689	-0.046
8.711	-0.046
8.733	-0.046
8.756	-0.046
8.778	-0.046
8.800	-0.046
8.822	-0.046
8.844	-0.046
8.867	-0.046
8.889	-0.046
8.911	-0.046
128.911	-0.003
248.911	-0.000
360.000	0.000

Name: Hyd-24hr		Node: Node312	Type: Flow
Time(hrs)	Flow(cfs)		
0.000	0.000		
0.022	0.000		
0.044	0.000		
0.067	0.000		
0.089	0.000		
0.111	0.000		
0.133	0.000		
0.156	0.000		
0.178	0.000		
0.200	0.000		
0.222	0.000		
0.244	0.000		
0.267	0.000		
0.289	0.000		
0.311	0.000		
0.333	0.000		
0.356	0.000		
0.378	0.000		
0.400	0.000		
0.422	0.000		
0.444	0.000		
0.467	0.000		
0.489	0.000		
0.511	0.000		
0.533	0.000		
0.556	0.000		
0.578	0.000		
0.600	0.000		
0.622	0.000		
0.644	0.000		
0.667	0.000		
0.689	0.000		
0.711	0.000		
0.733	0.000		
0.756	0.000		
0.778	0.000		
0.800	0.000		
0.822	0.000		
0.844	0.000		
0.867	0.000		
0.889	0.000		
0.911	0.000		
0.933	0.000		
0.956	0.000		
0.978	0.000		
1.000	0.000		
1.022	0.000		
1.044	0.000		
1.067	0.000		
1.089	0.000		
1.111	0.000		
1.133	0.000		
1.156	0.000		
1.178	0.000		
1.200	0.000		
1.222	0.000		
1.244	0.000		
1.267	0.000		
1.289	0.000		

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	-0.000
2.622	-0.000
2.644	-0.000
2.667	-0.000
2.689	-0.000
2.711	-0.000
2.733	-0.001

2.756	-0.001
2.778	-0.001
2.800	-0.002
2.822	-0.002
2.844	-0.003
2.867	-0.004
2.889	-0.004
2.911	-0.005
2.933	-0.006
2.956	-0.006
2.978	-0.007
3.000	-0.008
3.022	-0.009
3.044	-0.009
3.067	-0.010
3.089	-0.011
3.111	-0.012
3.133	-0.013
3.156	-0.013
3.178	-0.014
3.200	-0.015
3.222	-0.016
3.244	-0.017
3.267	-0.017
3.289	-0.018
3.311	-0.019
3.333	-0.020
3.356	-0.021
3.378	-0.021
3.400	-0.022
3.422	-0.023
3.444	-0.024
3.467	-0.025
3.489	-0.025
3.511	-0.026
3.533	-0.027
3.556	-0.028
3.578	-0.028
3.600	-0.029
3.622	-0.030
3.644	-0.030
3.667	-0.031
3.689	-0.031
3.711	-0.031
3.733	-0.031
3.756	-0.031
3.778	-0.031
3.800	-0.031
3.822	-0.031
3.844	-0.032
3.867	-0.032
3.889	-0.032
3.911	-0.032
3.933	-0.032
3.956	-0.033
3.978	-0.033
4.000	-0.033
4.022	-0.033
4.044	-0.034
4.067	-0.034
4.089	-0.034
4.111	-0.035
4.133	-0.035
4.156	-0.035
4.178	-0.035

4.200	-0.036
4.222	-0.036
4.244	-0.036
4.267	-0.037
4.289	-0.037
4.311	-0.038
4.333	-0.038
4.356	-0.038
4.378	-0.039
4.400	-0.039
4.422	-0.039
4.444	-0.040
4.467	-0.040
4.489	-0.040
4.511	-0.041
4.533	-0.041
4.556	-0.042
4.578	-0.042
4.600	-0.042
4.622	-0.043
4.644	-0.043
4.667	-0.043
4.689	-0.044
4.711	-0.044
4.733	-0.045
4.756	-0.045
4.778	-0.045
4.800	-0.046
4.822	-0.046
4.844	-0.046
4.867	-0.047
4.889	-0.047
4.911	-0.048
4.933	-0.048
4.956	-0.048
4.978	-0.049
5.000	-0.049
5.022	-0.049
5.044	-0.050
5.067	-0.050
5.089	-0.051
5.111	-0.051
5.133	-0.052
5.156	-0.052
5.178	-0.053
5.200	-0.053
5.222	-0.054
5.244	-0.055
5.267	-0.055
5.289	-0.056
5.311	-0.057
5.333	-0.057
5.356	-0.058
5.378	-0.059
5.400	-0.060
5.422	-0.060
5.444	-0.061
5.467	-0.062
5.489	-0.062
5.511	-0.063
5.533	-0.064
5.556	-0.064
5.578	-0.065
5.600	-0.066
5.622	-0.066

5.644	-0.067
5.667	-0.068
5.689	-0.068
5.711	-0.069
5.733	-0.070
5.756	-0.070
5.778	-0.071
5.800	-0.071
5.822	-0.072
5.844	-0.073
5.867	-0.073
5.889	-0.074
5.911	-0.075
5.933	-0.075
5.956	-0.076
5.978	-0.076
6.000	-0.077
6.022	-0.077
6.044	-0.078
6.067	-0.079
6.089	-0.079
6.111	-0.080
6.133	-0.080
6.156	-0.081
6.178	-0.081
6.200	-0.082
6.222	-0.082
6.244	-0.083
6.267	-0.084
6.289	-0.084
6.311	-0.085
6.333	-0.085
6.356	-0.086
6.378	-0.086
6.400	-0.087
6.422	-0.087
6.444	-0.088
6.467	-0.088
6.489	-0.089
6.511	-0.089
6.533	-0.090
6.556	-0.090
6.578	-0.091
6.600	-0.091
6.622	-0.092
6.644	-0.092
6.667	-0.093
6.689	-0.093
6.711	-0.094
6.733	-0.094
6.756	-0.095
6.778	-0.095
6.800	-0.095
6.822	-0.096
6.844	-0.096
6.867	-0.097
6.889	-0.097
6.911	-0.098
6.933	-0.098
6.956	-0.099
6.978	-0.099
7.000	-0.100
7.022	-0.100
7.044	-0.100
7.067	-0.101

7.089	-0.101
7.111	-0.102
7.133	-0.102
7.156	-0.103
7.178	-0.103
7.200	-0.103
7.222	-0.104
7.244	-0.104
7.267	-0.105
7.289	-0.105
7.311	-0.106
7.333	-0.106
7.356	-0.106
7.378	-0.107
7.400	-0.107
7.422	-0.108
7.444	-0.108
7.467	-0.108
7.489	-0.109
7.511	-0.109
7.533	-0.110
7.556	-0.110
7.578	-0.110
7.600	-0.111
7.622	-0.111
7.644	-0.112
7.667	-0.112
7.689	-0.112
7.711	-0.113
7.733	-0.247
7.756	-0.360
7.778	-0.321
7.800	-0.291
7.822	-0.265
7.844	-0.243
7.867	-0.224
7.889	-0.207
7.911	-0.193
7.933	-0.181
7.956	-0.171
7.978	-0.162
8.000	-0.154
8.022	-0.147
8.044	-0.141
8.067	-0.136
8.089	-0.132
8.111	-0.128
8.133	-0.125
8.156	-0.122
8.178	-0.120
8.200	-0.118
8.222	-0.116
8.244	-0.115
8.267	-0.113
8.289	-0.112
8.311	-0.111
8.333	-0.110
8.356	-0.109
8.378	-0.108
8.400	-0.107
8.422	-0.107
8.444	-0.106
8.467	-0.106
8.489	-0.105
8.511	-0.105

8.533	-0.104
8.556	-0.104
8.578	-0.103
8.600	-0.103
8.622	-0.103
8.644	-0.102
8.667	-0.102
8.689	-0.102
8.711	-0.101
8.733	-0.101
8.756	-0.101
8.778	-0.100
8.800	-0.100
8.822	-0.100
8.844	-0.100
8.867	-0.100
8.889	-0.099
8.911	-0.099
8.933	-0.099
8.956	-0.099
8.978	-0.099
9.000	-0.098
9.022	-0.098
9.044	-0.098
9.067	-0.098
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9.622	-0.096
9.644	-0.096
9.667	-0.096
9.689	-0.096
9.711	-0.095
9.733	-0.095
9.756	-0.095
9.778	-0.095
9.800	-0.095
9.822	-0.095
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9.867	-0.095
9.889	-0.095
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9.933	-0.095
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9.978	-0.095
10.000	-0.095
10.022	-0.095
10.044	-0.095
10.067	-0.095
10.089	-0.095
10.111	-0.095
10.133	-0.096
10.156	-0.096
10.178	-0.096
10.200	-0.097
10.222	-0.097
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10.267	-0.098
10.289	-0.098
10.311	-0.098
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10.356	-0.099
10.378	-0.099
10.400	-0.100
10.422	-0.100
10.444	-0.100
10.467	-0.101
10.489	-0.101
10.511	-0.101
10.533	-0.101
10.556	-0.102
10.578	-0.102
10.600	-0.102
10.622	-0.102
10.644	-0.102
10.667	-0.103
10.689	-0.103
10.711	-0.103
10.733	-0.103
10.756	-0.103
10.778	-0.104
10.800	-0.104
10.822	-0.105
10.844	-0.106
10.867	-0.108
10.889	-0.110
10.911	-0.111
10.933	-0.111
10.956	-0.111
10.978	-0.110
11.000	-0.110
11.022	-0.109
11.044	-0.108
11.067	-0.108
11.089	-0.107
11.111	-0.107
11.133	-0.106
11.156	-0.106
11.178	-0.105
11.200	-0.104
11.222	-0.103
11.244	-0.103
11.267	-0.102
11.289	-0.101
11.311	-0.100
11.333	-0.099
11.356	-0.098
11.378	-0.097
11.400	-0.096

11.422	-0.096
11.444	-0.095
11.467	-0.094
11.489	-0.093
11.511	-0.092
11.533	-0.092
11.556	-0.091
11.578	-0.090
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24.822	-0.029
24.844	-0.029
24.867	-0.029
24.889	-0.029
24.911	-0.028
36.911	-0.014
48.911	-0.009
72.911	-0.005
168.911	-0.001
264.911	0.000
336.911	0.000
384.911	0.000

Name: Hyd-24hr

Node: Node314

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000

0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
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1.222	0.000
1.244	0.000
1.267	0.000
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1.556	-0.000
1.578	-0.000
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1.644	-0.001
1.667	-0.002
1.689	-0.003
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2.044	-0.023
2.067	-0.026

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4.044	-0.136
4.067	-0.137
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4.178	-0.141
4.200	-0.142
4.222	-0.143
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4.311	-0.146
4.333	-0.147
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4.400	-0.149
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4.511	-0.153
4.533	-0.154
4.556	-0.155
4.578	-0.156
4.600	-0.156
4.622	-0.157
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4.667	-0.159
4.689	-0.159
4.711	-0.160
4.733	-0.161
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4.778	-0.162
4.800	-0.163
4.822	-0.164
4.844	-0.164
4.867	-0.165
4.889	-0.166
4.911	-0.167
4.933	-0.167
4.956	-0.168

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5.356	-0.186
5.378	-0.188
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7.756	-0.141
7.778	-0.140
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7.844	-0.136

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22.489	-0.037
22.511	-0.037
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22.556	-0.036
22.578	-0.036
22.600	-0.036
22.622	-0.036
22.644	-0.036
22.667	-0.036
22.689	-0.036
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22.778	-0.036
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22.822	-0.036
22.844	-0.036
22.867	-0.036
22.889	-0.036
22.911	-0.036
22.933	-0.036
22.956	-0.036
22.978	-0.036
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23.044	-0.036
23.067	-0.036
23.089	-0.036
23.111	-0.036
23.133	-0.036
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23.178	-0.036
23.200	-0.036
23.222	-0.036
23.244	-0.036
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23.289	-0.036
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23.844	-0.036
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24.356	-0.034
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24.756	-0.033
24.778	-0.033
24.800	-0.033
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24.844	-0.033
24.867	-0.033
24.889	-0.033
24.911	-0.032
36.911	-0.017
48.911	-0.016
72.911	-0.010
168.911	-0.003
264.911	-0.001
336.911	-0.000
384.911	0.000

Name: Hyd-3d

Node: Node312

Type: Flow

Time(hrs)

Flow(cfs)

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0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
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0.578	0.000
0.600	0.000
0.622	0.000
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0.667	0.000
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0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
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1.467	0.000
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1.889	0.000
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1.933	0.000
1.956	0.000
1.978	0.000
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2.756	0.000
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2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
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5.711	-0.016
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6.022	-0.021
6.044	-0.022
6.067	-0.022
6.089	-0.022
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6.978	-0.032
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8.556	-0.073
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9.711	-0.133
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69.600	-0.017
69.622	-0.017
69.644	-0.017
69.667	-0.017
69.689	-0.017
69.711	-0.017
69.733	-0.017
69.756	-0.017
69.778	-0.017
69.800	-0.017
69.822	-0.017
69.844	-0.017
69.867	-0.017
69.889	-0.017
69.911	-0.017
69.933	-0.017
69.956	-0.017
69.978	-0.017
70.000	-0.017
70.022	-0.017
70.044	-0.017
70.067	-0.017
70.089	-0.017
70.111	-0.017
70.133	-0.017
70.156	-0.017
70.178	-0.017
70.200	-0.017
70.222	-0.017
70.244	-0.017
70.267	-0.017
70.289	-0.017
70.311	-0.017
70.333	-0.017
70.356	-0.017
70.378	-0.017
70.400	-0.017
70.422	-0.017
70.444	-0.017
70.467	-0.017
70.489	-0.017
70.511	-0.017
70.533	-0.017
70.556	-0.017
70.578	-0.017
70.600	-0.017
70.622	-0.017
70.644	-0.017
70.667	-0.017
70.689	-0.017
70.711	-0.017
70.733	-0.017

70.756	-0.017
70.778	-0.017
70.800	-0.017
70.822	-0.017
70.844	-0.017
70.867	-0.017
70.889	-0.017
70.911	-0.017
70.933	-0.017
70.956	-0.017
70.978	-0.017
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71.022	-0.017
71.044	-0.018
71.067	-0.018
71.089	-0.018
71.111	-0.018
71.133	-0.018
71.156	-0.018
71.178	-0.018
71.200	-0.018
71.222	-0.018
71.244	-0.018
71.267	-0.018
71.289	-0.018
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71.333	-0.018
71.356	-0.018
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71.444	-0.018
71.467	-0.018
71.489	-0.018
71.511	-0.018
71.533	-0.018
71.556	-0.018
71.578	-0.018
71.600	-0.018
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71.667	-0.018
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71.733	-0.018
71.756	-0.018
71.778	-0.018
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71.844	-0.018
71.867	-0.018
71.889	-0.018
71.911	-0.018
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71.978	-0.018
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72.022	-0.018
72.044	-0.018
72.067	-0.017
72.089	-0.017
72.111	-0.017
72.133	-0.017
72.156	-0.017
72.178	-0.016

72.200	-0.016
72.222	-0.016
72.244	-0.016
72.267	-0.016
72.289	-0.016
72.311	-0.016
72.333	-0.015
72.356	-0.015
72.378	-0.015
72.400	-0.015
72.422	-0.015
72.444	-0.015
72.467	-0.015
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72.511	-0.015
72.533	-0.015
72.556	-0.015
72.578	-0.015
72.600	-0.015
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72.667	-0.015
72.689	-0.015
72.711	-0.015
72.733	-0.015
72.756	-0.015
72.778	-0.015
72.800	-0.015
72.822	-0.015
72.844	-0.015
72.867	-0.015
72.889	-0.015
72.911	-0.015
192.911	-0.002
312.911	-0.000
408.911	0.000

Name: Hyd-3d

Node: Node314

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000

0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
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1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
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1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000

1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
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2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
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3.178	0.000
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3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000
4.422	0.000
4.444	0.000
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4.756	-0.000
4.778	-0.000
4.800	-0.000
4.822	-0.000

4.844	-0.000
4.867	-0.001
4.889	-0.001
4.911	-0.001
4.933	-0.001
4.956	-0.002
4.978	-0.002
5.000	-0.002
5.022	-0.003
5.044	-0.003
5.067	-0.004
5.089	-0.004
5.111	-0.004
5.133	-0.005
5.156	-0.005
5.178	-0.006
5.200	-0.006
5.222	-0.007
5.244	-0.007
5.267	-0.007
5.289	-0.008
5.311	-0.008
5.333	-0.009
5.356	-0.009
5.378	-0.010
5.400	-0.010
5.422	-0.011
5.444	-0.011
5.467	-0.011
5.489	-0.012
5.511	-0.012
5.533	-0.013
5.556	-0.013
5.578	-0.014
5.600	-0.014
5.622	-0.014
5.644	-0.015
5.667	-0.015
5.689	-0.016
5.711	-0.016
5.733	-0.016
5.756	-0.017
5.778	-0.017
5.800	-0.018
5.822	-0.018
5.844	-0.018
5.867	-0.019
5.889	-0.019
5.911	-0.020
5.933	-0.020
5.956	-0.020
5.978	-0.021
6.000	-0.021
6.022	-0.021
6.044	-0.022
6.067	-0.022
6.089	-0.022
6.111	-0.023
6.133	-0.023
6.156	-0.024
6.178	-0.024
6.200	-0.024
6.222	-0.025
6.244	-0.025
6.267	-0.025

6.289	-0.026
6.311	-0.026
6.333	-0.026
6.356	-0.027
6.378	-0.027
6.400	-0.027
6.422	-0.028
6.444	-0.028
6.467	-0.028
6.489	-0.029
6.511	-0.029
6.533	-0.029
6.556	-0.030
6.578	-0.030
6.600	-0.030
6.622	-0.031
6.644	-0.031
6.667	-0.031
6.689	-0.031
6.711	-0.032
6.733	-0.032
6.756	-0.032
6.778	-0.033
6.800	-0.033
6.822	-0.033
6.844	-0.034
6.867	-0.034
6.889	-0.034
6.911	-0.034
6.933	-0.035
6.956	-0.035
6.978	-0.035
7.000	-0.036
7.022	-0.036
7.044	-0.036
7.067	-0.036
7.089	-0.037
7.111	-0.037
7.133	-0.037
7.156	-0.038
7.178	-0.038
7.200	-0.038
7.222	-0.038
7.244	-0.039
7.267	-0.039
7.289	-0.039
7.311	-0.039
7.333	-0.040
7.356	-0.040
7.378	-0.040
7.400	-0.040
7.422	-0.041
7.444	-0.041
7.467	-0.041
7.489	-0.041
7.511	-0.042
7.533	-0.042
7.556	-0.042
7.578	-0.042
7.600	-0.043
7.622	-0.043
7.644	-0.043
7.667	-0.043
7.689	-0.044
7.711	-0.044

7.733	-0.044
7.756	-0.044
7.778	-0.045
7.800	-0.045
7.822	-0.045
7.844	-0.045
7.867	-0.045
7.889	-0.046
7.911	-0.046
7.933	-0.046
7.956	-0.046
7.978	-0.047
8.000	-0.047
8.022	-0.049
8.044	-0.053
8.067	-0.060
8.089	-0.067
8.111	-0.070
8.133	-0.070
8.156	-0.071
8.178	-0.072
8.200	-0.073
8.222	-0.075
8.244	-0.076
8.267	-0.078
8.289	-0.080
8.311	-0.082
8.333	-0.083
8.356	-0.085
8.378	-0.087
8.400	-0.089
8.422	-0.091
8.444	-0.093
8.467	-0.095
8.489	-0.097
8.511	-0.098
8.533	-0.100
8.556	-0.102
8.578	-0.104
8.600	-0.106
8.622	-0.107
8.644	-0.109
8.667	-0.111
8.689	-0.113
8.711	-0.114
8.733	-0.116
8.756	-0.118
8.778	-0.119
8.800	-0.121
8.822	-0.122
8.844	-0.124
8.867	-0.125
8.889	-0.127
8.911	-0.128
8.933	-0.130
8.956	-0.131
8.978	-0.133
9.000	-0.134
9.022	-0.135
9.044	-0.137
9.067	-0.138
9.089	-0.139
9.111	-0.141
9.133	-0.142
9.156	-0.143

9.178	-0.145
9.200	-0.146
9.222	-0.147
9.244	-0.148
9.267	-0.150
9.289	-0.151
9.311	-0.152
9.333	-0.153
9.356	-0.154
9.378	-0.155
9.400	-0.157
9.422	-0.158
9.444	-0.159
9.467	-0.160
9.489	-0.161
9.511	-0.162
9.533	-0.163
9.556	-0.164
9.578	-0.165
9.600	-0.166
9.622	-0.167
9.644	-0.168
9.667	-0.169
9.689	-0.170
9.711	-0.171
9.733	-0.172
9.756	-0.173
9.778	-0.174
9.800	-0.175
9.822	-0.176
9.844	-0.177
9.867	-0.178
9.889	-0.179
9.911	-0.180
9.933	-0.181
9.956	-0.182
9.978	-0.183
10.000	-0.184
10.022	-0.184
10.044	-0.185
10.067	-0.186
10.089	-0.187
10.111	-0.188
10.133	-0.189
10.156	-0.190
10.178	-0.190
10.200	-0.191
10.222	-0.192
10.244	-0.193
10.267	-0.194
10.289	-0.195
10.311	-0.195
10.333	-0.196
10.356	-0.197
10.378	-0.198
10.400	-0.199
10.422	-0.199
10.444	-0.200
10.467	-0.201
10.489	-0.202
10.511	-0.202
10.533	-0.203
10.556	-0.204
10.578	-0.205
10.600	-0.205

10.622	-0.206
10.644	-0.207
10.667	-0.207
10.689	-0.208
10.711	-0.209
10.733	-0.210
10.756	-0.210
10.778	-0.211
10.800	-0.212
10.822	-0.212
10.844	-0.213
10.867	-0.214
10.889	-0.214
10.911	-0.215
10.933	-0.216
10.956	-0.216
10.978	-0.217
11.000	-0.218
11.022	-0.218
11.044	-0.219
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11.089	-0.220
11.111	-0.221
11.133	-0.221
11.156	-0.222
11.178	-0.223
11.200	-0.223
11.222	-0.224
11.244	-0.224
11.267	-0.225
11.289	-0.225
11.311	-0.226
11.333	-0.227
11.356	-0.227
11.378	-0.228
11.400	-0.228
11.422	-0.229
11.444	-0.230
11.467	-0.230
11.489	-0.231
11.511	-0.231
11.533	-0.232
11.556	-0.232
11.578	-0.233
11.600	-0.233
11.622	-0.234
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11.822	-0.238
11.844	-0.239
11.867	-0.239
11.889	-0.240
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11.978	-0.191
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12.022	-0.188
12.044	-0.186

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12.089	-0.182
12.111	-0.180
12.133	-0.178
12.156	-0.176
12.178	-0.174
12.200	-0.172
12.222	-0.169
12.244	-0.167
12.267	-0.165
12.289	-0.163
12.311	-0.160
12.333	-0.158
12.356	-0.156
12.378	-0.154
12.400	-0.151
12.422	-0.149
12.444	-0.147
12.467	-0.145
12.489	-0.143
12.511	-0.141
12.533	-0.139
12.556	-0.137
12.578	-0.135
12.600	-0.133
12.622	-0.131
12.644	-0.130
12.667	-0.128
12.689	-0.126
12.711	-0.125
12.733	-0.123
12.756	-0.121
12.778	-0.120
12.800	-0.118
12.822	-0.117
12.844	-0.116
12.867	-0.114
12.889	-0.113
12.911	-0.112
12.933	-0.111
12.956	-0.109
12.978	-0.108
13.000	-0.107
13.022	-0.106
13.044	-0.105
13.067	-0.104
13.089	-0.103
13.111	-0.102
13.133	-0.101
13.156	-0.101
13.178	-0.100
13.200	-0.099
13.222	-0.098
13.244	-0.097
13.267	-0.097
13.289	-0.096
13.311	-0.095
13.333	-0.095
13.356	-0.094
13.378	-0.093
13.400	-0.093
13.422	-0.092
13.444	-0.091
13.467	-0.091
13.489	-0.090

13.511	-0.090
13.533	-0.089
13.556	-0.089
13.578	-0.088
13.600	-0.088
13.622	-0.087
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13.667	-0.087
13.689	-0.086
13.711	-0.086
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13.756	-0.085
13.778	-0.085
13.800	-0.084
13.822	-0.084
13.844	-0.084
13.867	-0.083
13.889	-0.083
13.911	-0.083
13.933	-0.082
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14.778	-0.075
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32.889	-0.058
32.911	-0.058
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32.956	-0.059
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312.911	-0.002
408.911	-0.001
432.911	-0.001
456.911	0.000

Name: Hyd-7d

Node: Node312

Type: Flow

Time(hrs)	Flow(cfs)

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0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000

0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
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168.889	-0.010
168.911	-0.010
288.911	-0.001
408.911	-0.001
504.911	0.000

Name: Hyd-7d

Node: Node314

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000

0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
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1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
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2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
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168.422	-0.012
168.444	-0.011
168.467	-0.011
168.489	-0.011
168.511	-0.011
168.533	-0.011
168.556	-0.011
168.578	-0.011
168.600	-0.011
168.622	-0.011
168.644	-0.011
168.667	-0.011
168.689	-0.011
168.711	-0.011
168.733	-0.011
168.756	-0.011
168.778	-0.011
168.800	-0.011
168.822	-0.011
168.845	-0.011
168.867	-0.011
168.889	-0.011
168.911	-0.011
288.911	0.001
408.911	-0.002
504.911	-0.001
528.911	-0.001
552.911	0.000

Name: Hyd-10d

Node: Node312

Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000

0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
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2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000
2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
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Name: Hyd-10d

Node: Node314

Type: Flow

Time(hrs)

Flow(cfs)

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240.889	-0.010
240.911	-0.010
360.911	-0.003
480.911	-0.002
600.911	-0.001
720.911	-0.001
840.911	-0.000
960.911	-0.000
984.911	0.000

Name: Area312	Area314	Area319	Area32	Area312
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-1hr
Node: Node312	Node314	POST-WET-C	WET-C	Node312
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 1.33	1.33	5.60	2.40	1.33
Comp Time Inc(min): 1.33	1.33	5.60	2.40	1.33
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-1
Rain Amount(in): 18.000	18.000	18.000	18.000	4.400
Duration(hrs): 240.00	240.00	240.00	240.00	1.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 10.00	10.00	42.00	18.00	10.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.518	0.880	8.269	9.897	0.518
Vol of Unit Hyd(in): 1.001	1.000	1.000	1.000	1.001
Curve Num: 78.900	89.900	68.200	66.600	78.900
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 184.00	184.00	183.96	184.00	0.67
Flow Max(cfs): 0.315	0.547	4.811	5.724	2.425
Runoff Volume(in): 15.152	16.726	13.410	13.130	2.285
Runoff Volume(ft3): 28491.572	53428.466	402509.368	471711.796	4297.502

Name: Area314	Area319	Area32	Area312	Area314
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-1hr	100yr-1hr	100yr-1hr	100yr-24hr	100yr-24hr
Node: Node314	POST-WET-C	WET-C	Node312	Node314
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 1.33	5.60	2.40	1.33	1.33
Comp Time Inc(min): 1.33	5.60	2.40	1.33	1.33
Rain File: Fdot-1	Fdot-1	Fdot-1	Fdot-24	Fdot-24
Rain Amount(in): 4.400	4.400	4.400	11.040	11.040
Duration(hrs): 1.00	1.00	1.00	24.00	24.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 10.00	42.00	18.00	10.00	10.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.880	8.269	9.897	0.518	0.880
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.001	1.000
Curve Num: 89.900	68.200	66.600	78.900	89.900
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 0.64	1.03	0.80	12.00	12.00
Flow Max(cfs): 5.655	11.685	22.522	0.510	0.951
Runoff Volume(in): 3.291	1.470	1.372	8.377	9.802
Runoff Volume(ft3): 10514.229	44113.081	49304.588	15751.753	31310.644

Name: Area319	Area32	Area312	Area314	Area319
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-24hr	100yr-24hr	100yr-2hr	100yr-2hr	100yr-2hr
Node: POST-WET-C	WET-C	Node312	Node314	POST-WET-C
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 5.60	2.40	1.33	1.33	5.60
Comp Time Inc(min): 5.60	2.40	1.33	1.33	5.60
Rain File: Fdot-24	Fdot-24	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in): 11.040	11.040	5.000	5.000	5.000
Duration(hrs): 24.00	24.00	2.00	2.00	2.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 42.00	18.00	10.00	10.00	42.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00

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Area(ac):	8.269	9.897	0.518	0.880	8.269
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	68.200	66.600	78.900	89.900	68.200
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.23	12.04	0.84	0.84	1.31
Flow Max(cfs):	6.227	7.931	1.921	4.349	9.902
Runoff Volume(in):	6.918	6.696	2.794	3.867	1.882
Runoff Volume(ft3):	207662.033	240551.036	5253.266	12354.207	56477.793

Name:	Area32	Area312	Area314	Area319	Area32
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	WET-C	Node312	Node314	POST-WET-C	WET-C
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	2.40	1.33	1.33	5.60	2.40
Comp Time Inc(min):	2.40	1.33	1.33	5.60	2.40
Rain File:	Fdot-2	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	5.000	13.800	13.800	13.800	13.800
Duration(hrs):	2.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	18.00	10.00	10.00	42.00	18.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	9.897	0.518	0.880	8.269	9.897
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	66.600	78.900	89.900	68.200	66.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.92	59.98	59.98	60.01	60.00
Flow Max(cfs):	17.393	0.343	0.602	5.115	6.082
Runoff Volume(in):	1.773	11.044	12.543	9.447	9.198
Runoff Volume(ft3):	63714.704	20766.895	40067.416	283553.160	330442.817

Name:	Area312	Area314	Area319	Area32	Area312
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-7d
Node:	Node312	Node314	POST-WET-C	WET-C	Node312
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	1.33	5.60	2.40	1.33
Comp Time Inc(min):	1.33	1.33	5.60	2.40	1.33
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-168
Rain Amount(in):	6.250	6.250	6.250	6.250	16.000
Duration(hrs):	4.00	4.00	4.00	4.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	10.00	42.00	18.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.518	0.880	8.269	9.897	0.518
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.001
Curve Num:	78.900	89.900	68.200	66.600	78.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.04	2.02	2.80	2.56	160.00
Flow Max(cfs):	1.221	2.594	11.244	16.176	0.240
Runoff Volume(in):	3.895	5.081	2.819	2.684	13.190
Runoff Volume(ft3):	7323.936	16229.365	84607.666	96423.757	24802.588

Name:	Area314	Area319	Area32	Area312	Area314
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-8hr	100yr-8hr
Node:	Node314	POST-WET-C	WET-C	Node312	Node314
Type:	SCS	SCS	SCS	SCS	SCS

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Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 1.33	5.60	2.40	1.33	1.33
Comp Time Inc(min): 1.33	5.60	2.40	1.33	1.33
Rain File: Fdot-168	Fdot-168	Fdot-168	Fdot-8	Fdot-8
Rain Amount(in): 16.000	16.000	16.000	7.500	7.500
Duration(hrs): 168.00	168.00	168.00	8.00	8.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 10.00	42.00	18.00	10.00	10.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.880	8.269	9.897	0.518	0.880
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.001	1.000
Curve Num: 89.900	68.200	66.600	78.900	89.900
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 160.00	159.97	160.00	4.00	4.00
Flow Max(cfs): 0.415	3.675	4.372	1.383	2.677
Runoff Volume(in): 14.733	11.511	11.243	5.035	6.305
Runoff Volume(ft3): 47061.588	345527.089	403926.625	9467.390	20140.051

Name: Area319	Area32
Group: BASE	BASE
Simulation: 100yr-8hr	100yr-8hr
Node: POST-WET-C	WET-C
Type: SCS	SCS
Unit Hydrograph: Uh323	Uh323
Peaking Factor: 323.0	323.0
Spec Time Inc(min): 5.60	2.40
Comp Time Inc(min): 5.60	2.40
Rain File: Fdot-8	Fdot-8
Rain Amount(in): 7.500	7.500
Duration(hrs): 8.00	8.00
Status: Onsite	Onsite
TC(min): 42.00	18.00
Time Shift(hrs): 0.00	0.00
Area(ac): 8.269	9.897
Vol of Unit Hyd(in): 1.000	1.000
Curve Num: 68.200	66.600
DCIA(%): 0.000	0.000
Time Max(hrs): 4.20	4.04
Flow Max(cfs): 12.345	18.998
Runoff Volume(in): 3.830	3.668
Runoff Volume(ft3): 114959.080	131785.551

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Project Data

Project Name: GREC - Area312
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 169.50
Water Table Elevation, [WT] (ft datum): 178.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 3872.0

Geometry Data

Equivalent Pond Length, [L] (ft): 242.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
179.16	484.0
180.00	3330.0
181.00	6718.0
181.16	7260.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	180.16
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.518
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 78.9
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1
Basin Area (acres)	0.880
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	6.3
Design Rainfall Duration (hours)	4.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 4 Hour
Initial ground water level (ft datum)	default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1
Basin Area (acres)	0.880
Time Of Concentration (minutes)	10.0
DCIA (%)	0.0
Curve Number	89.9
Design Rainfall Depth (inches)	5.0
Design Rainfall Duration (hours)	2.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 2 Hour
Initial ground water level (ft datum)	default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 178.50

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 2592

Initial ground water level (ft datum) default, 178.50

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

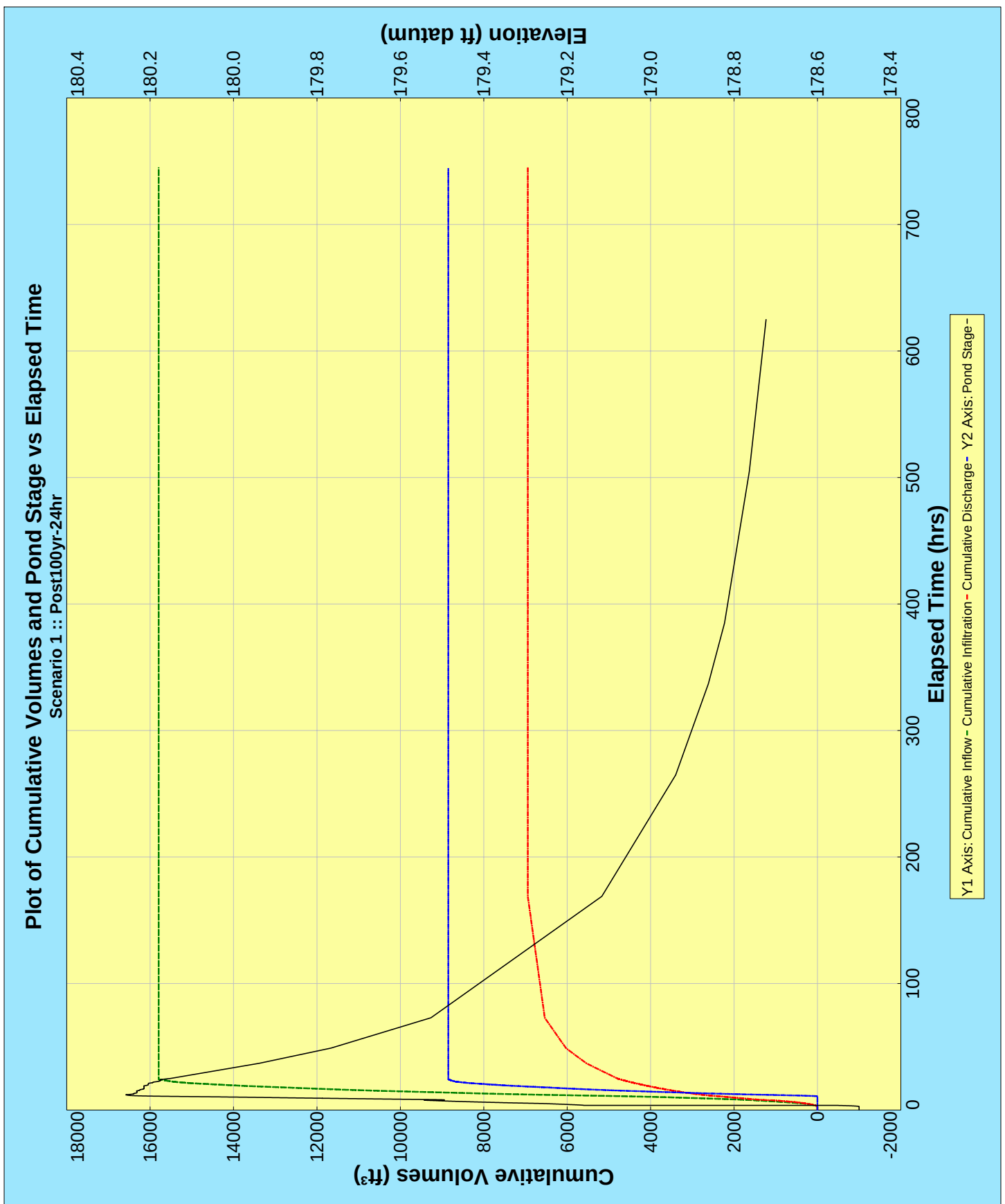
Scenarios Considered: 1 to 9

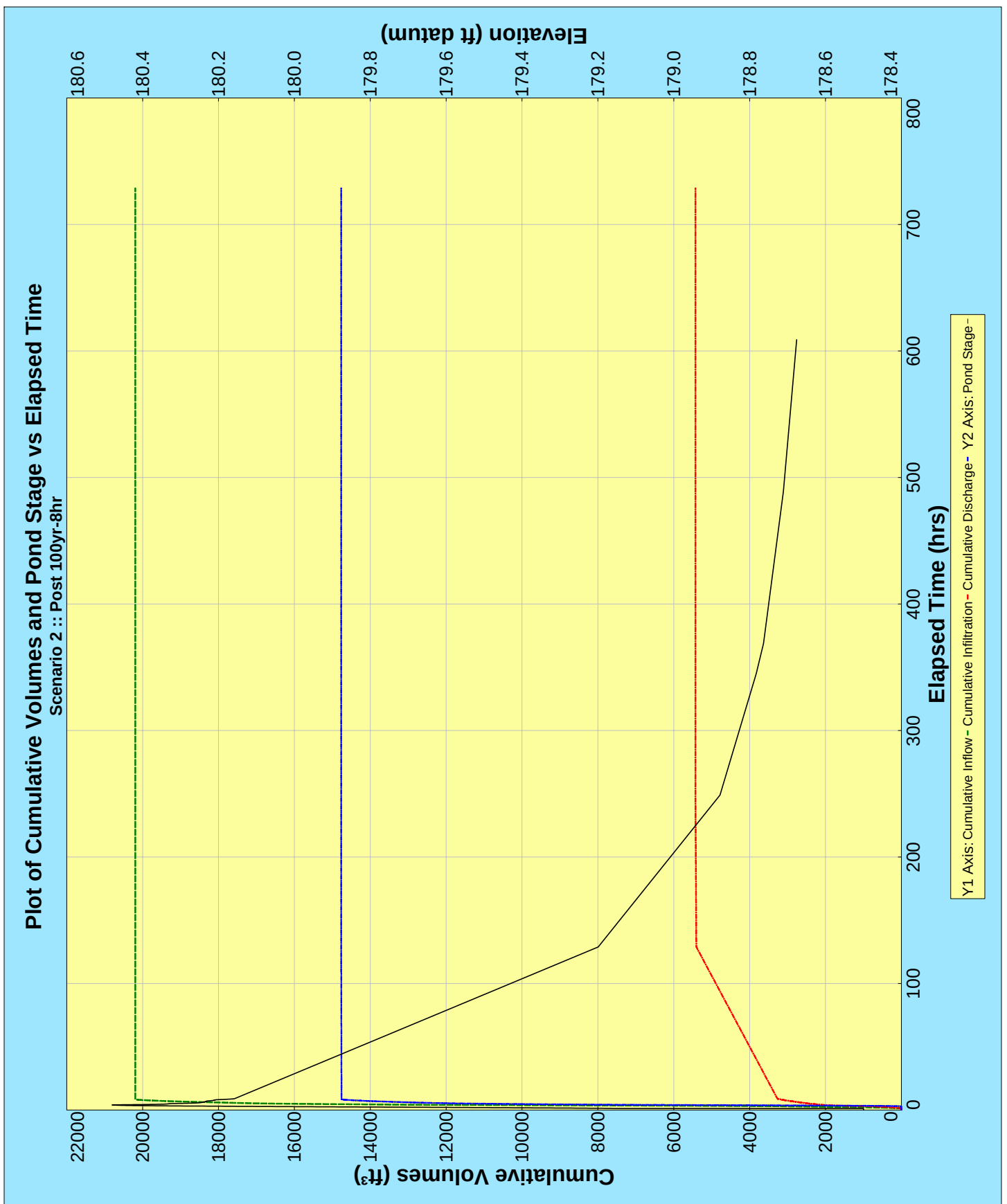
Stage - Maximum

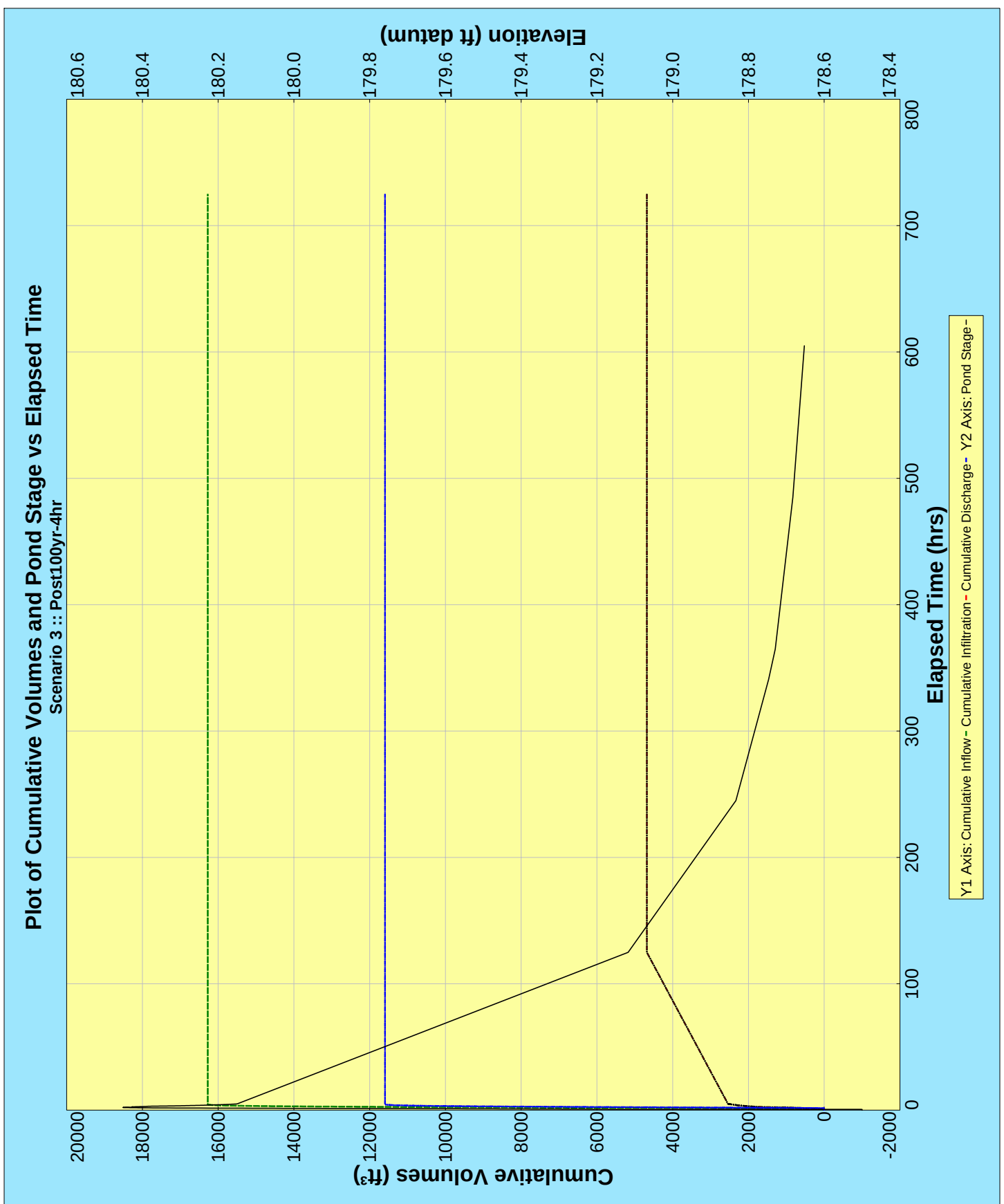
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	5	180.608	0.778	Post 100yr-1hr
2	4	180.540	0.933	Post100yr-2hr
3	2	180.480	4.044	Post 100yr-8hr
4	3	180.451	2.111	Post100yr-4hr
5	6	180.281	59.978	Post 100yr-3d
6	8	180.275	183.800	Post 100yr-10d
7	9	180.262	0.002	Treatment volume
8	1	180.258	12.044	Post100yr-24hr
9	7	180.255	159.845	Post 100yr-7d

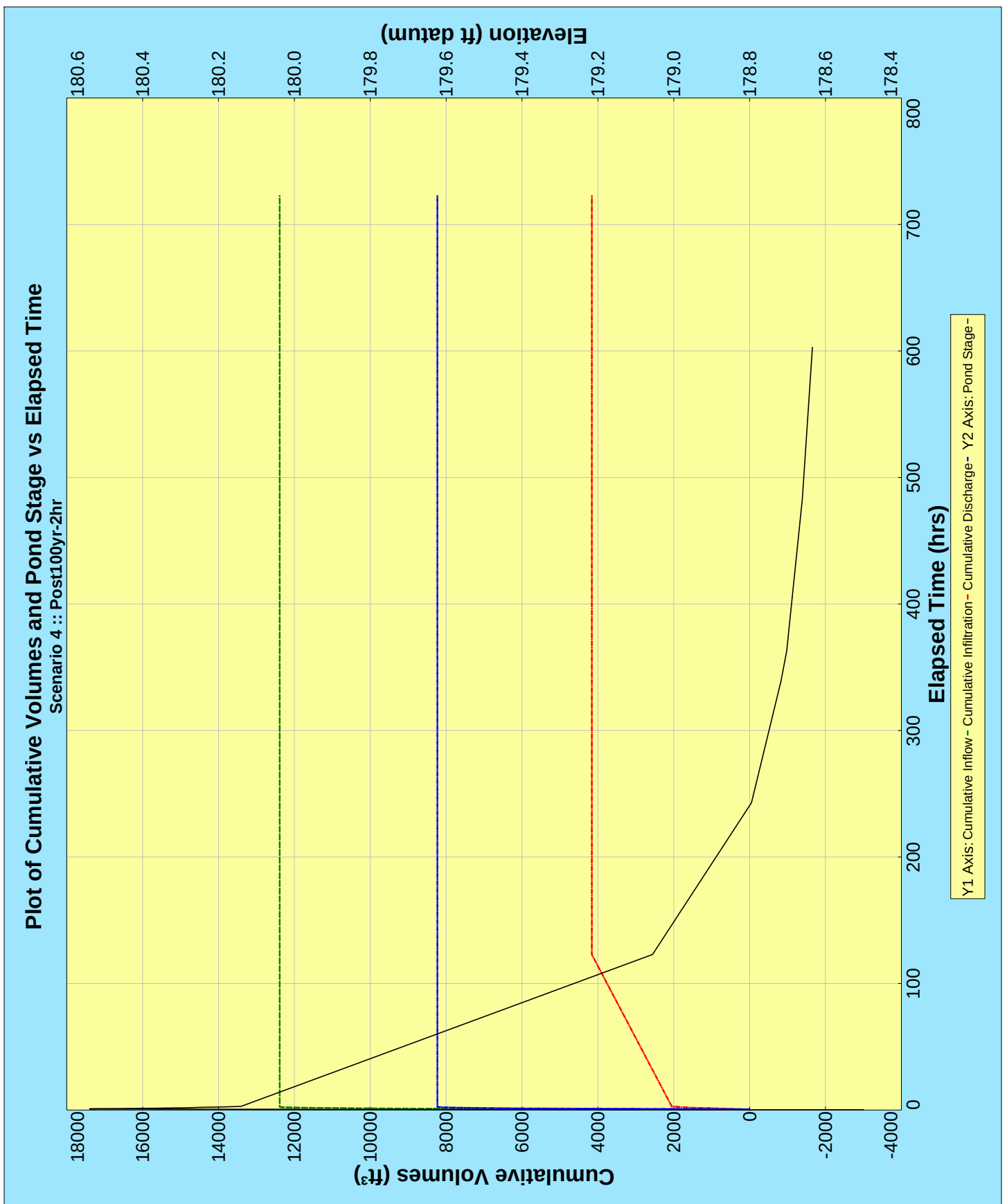
Discharge - Rate - Maximum Positive

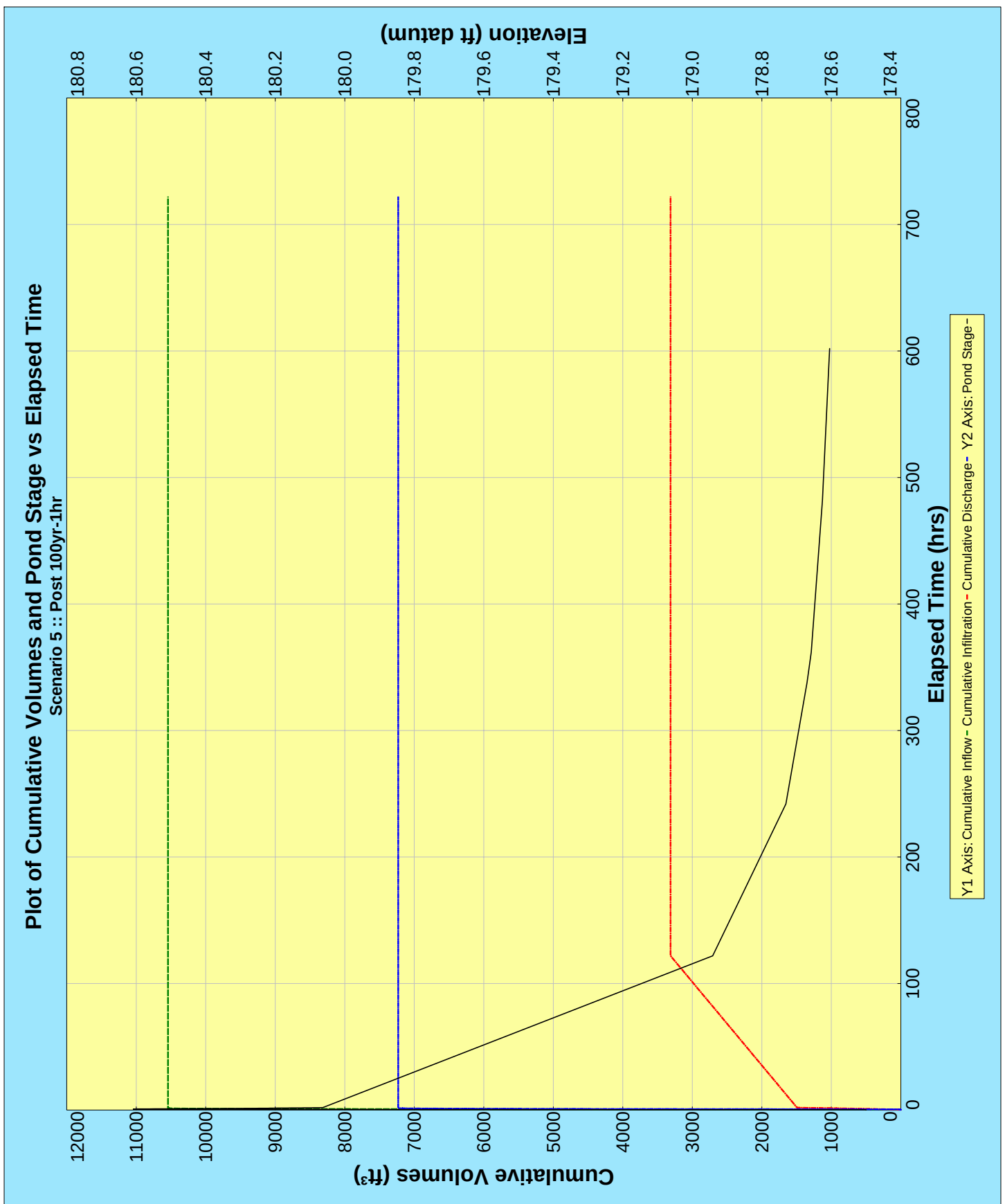
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	5	4.2927	0.778	Post 100yr-1hr
2	4	3.3504	0.933	Post100yr-2hr
3	2	2.4550	4.044	Post 100yr-8hr
4	3	2.2443	2.111	Post100yr-4hr
5	6	0.5791	60.000	Post 100yr-3d
6	8	0.5324	184.000	Post 100yr-10d
7	9	0.4657	0.002	Treatment volume
8	1	0.4220	12.067	Post100yr-24hr
9	7	0.4008	160.000	Post 100yr-7d

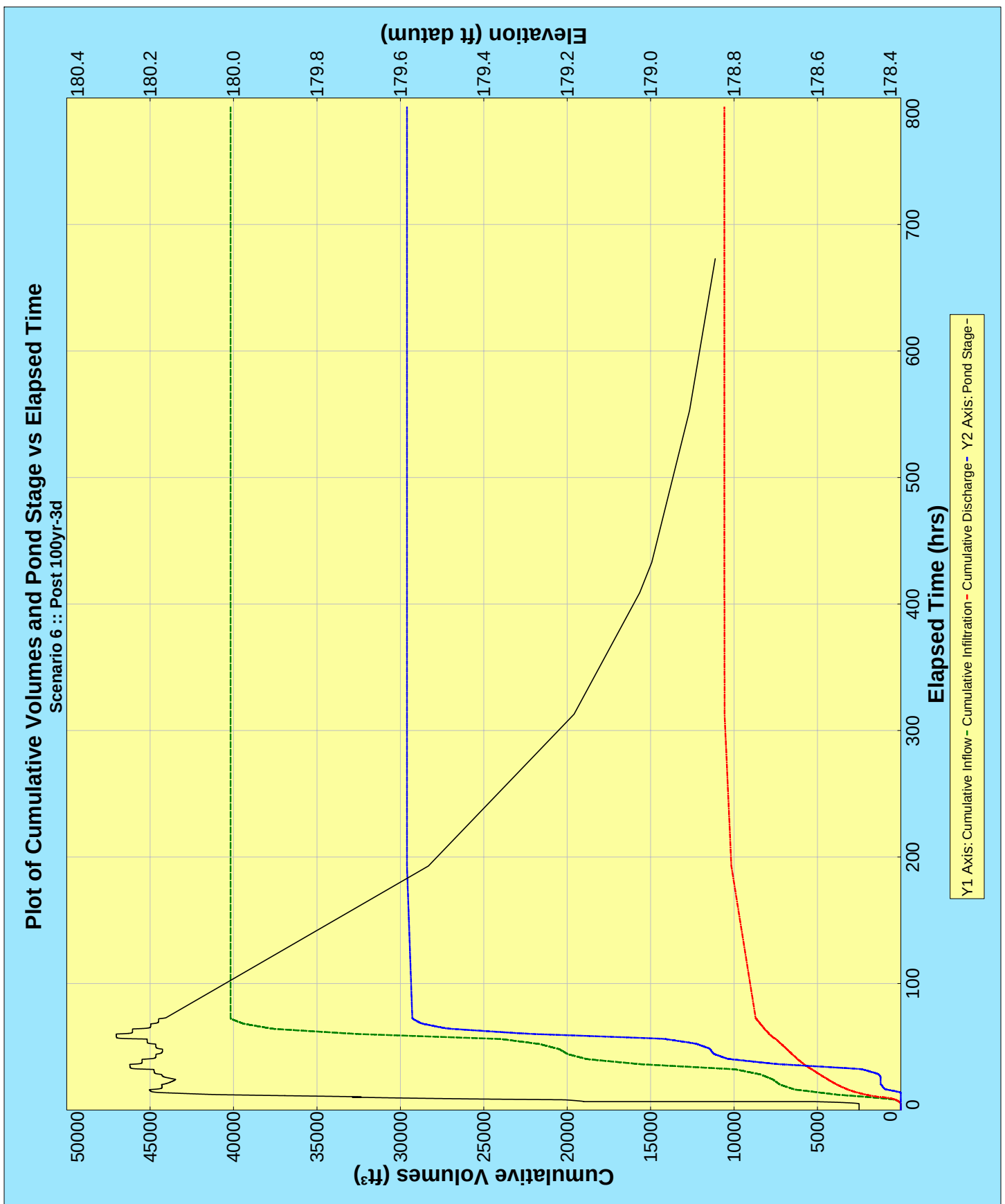


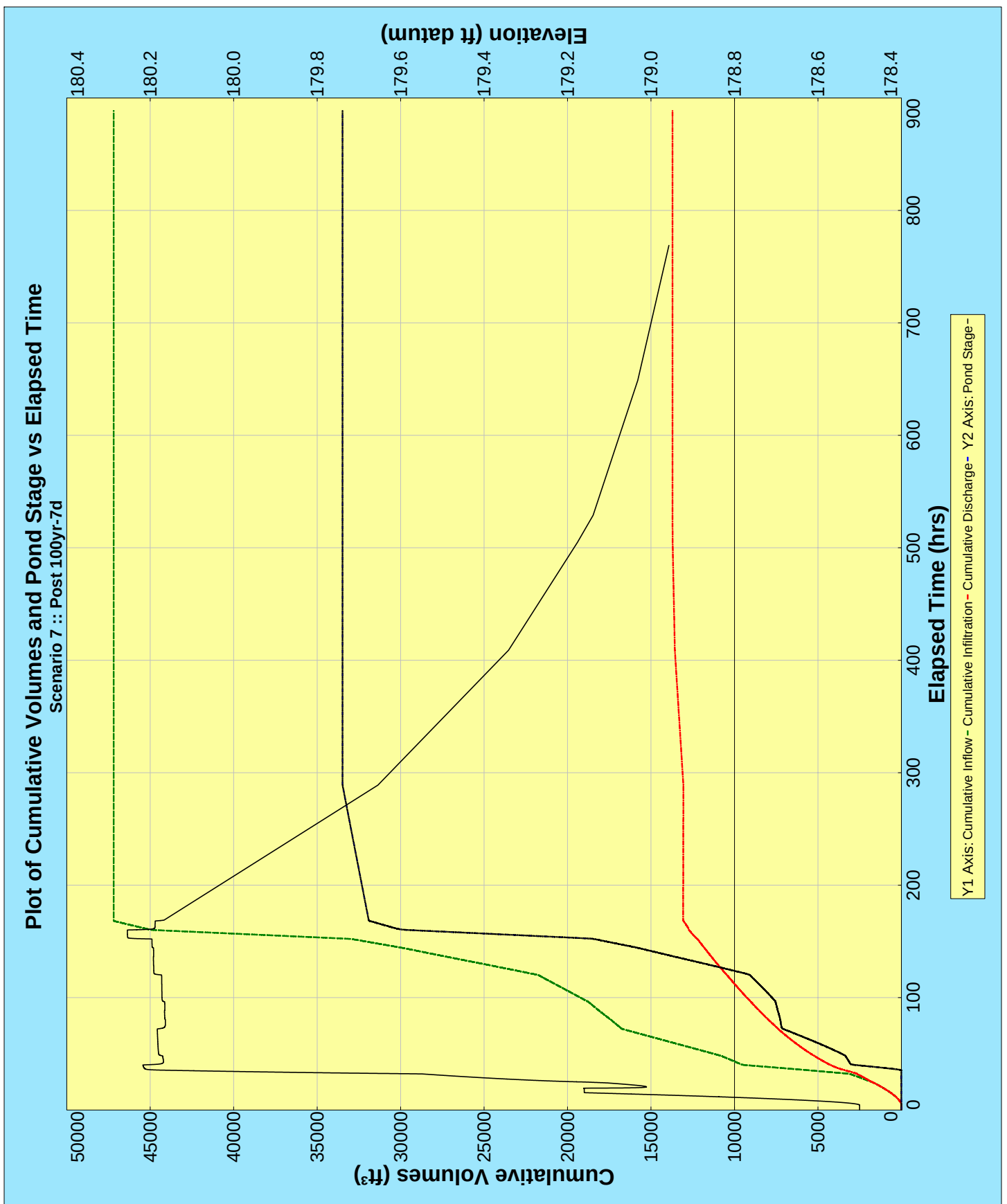


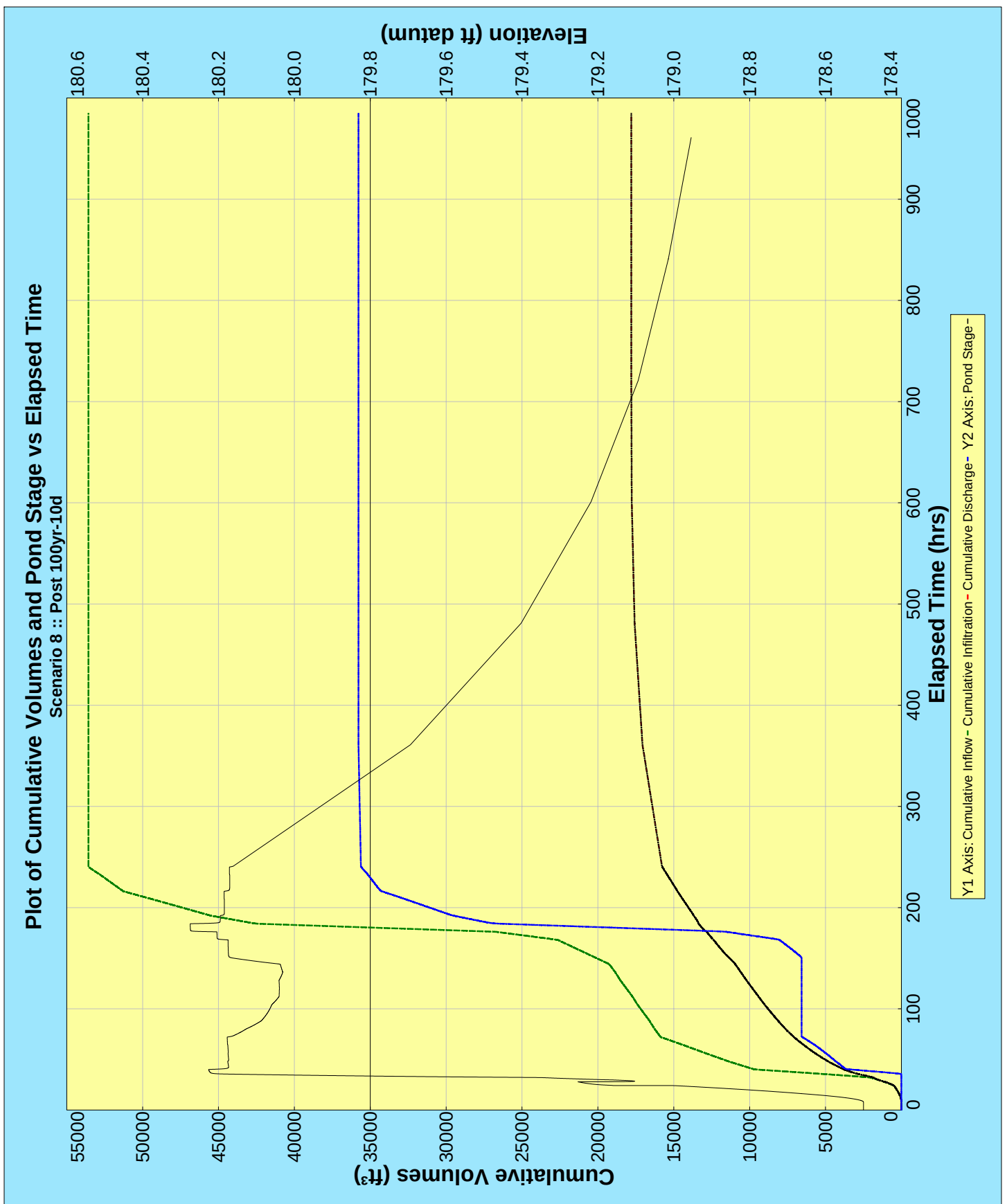


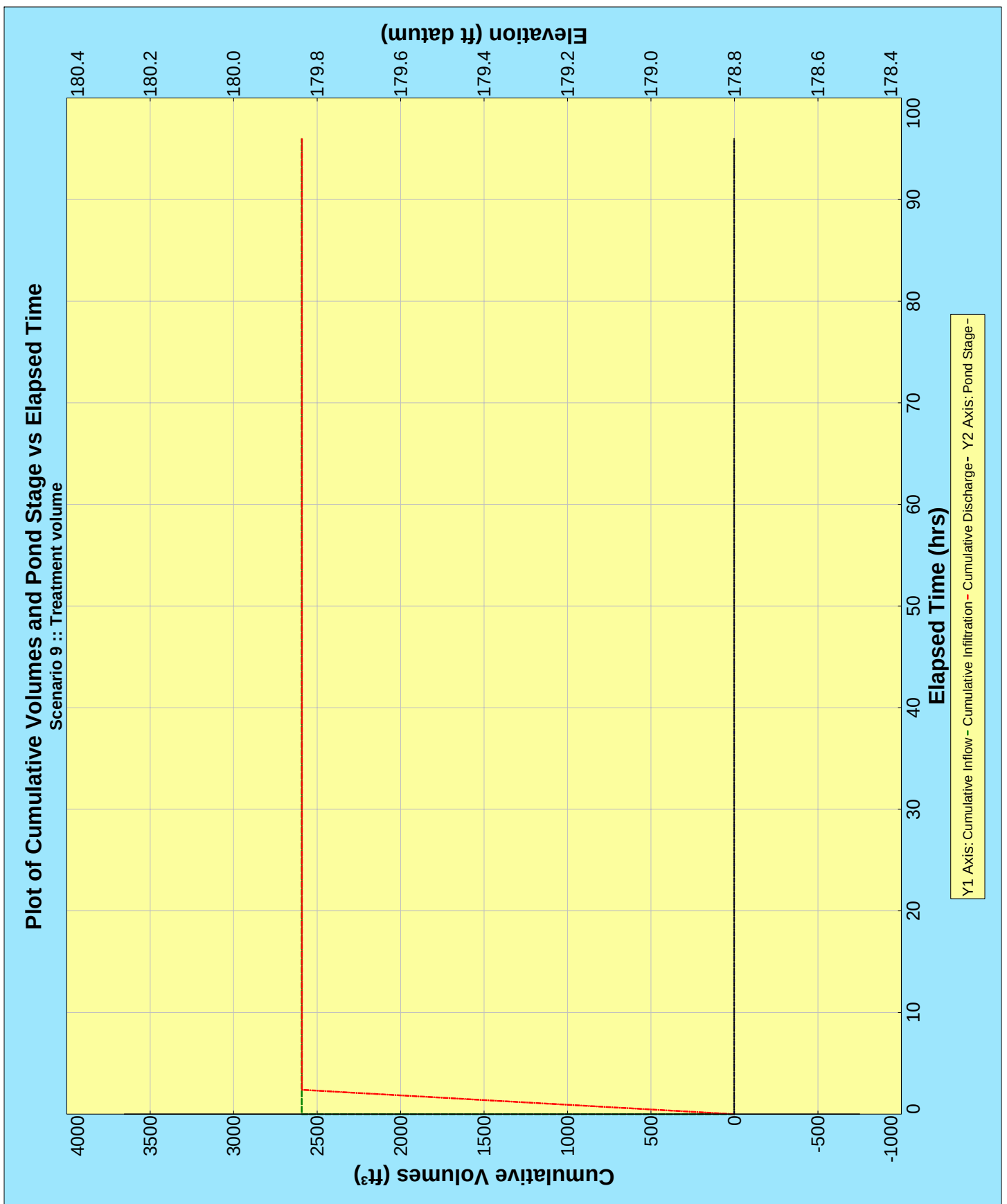












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Project Data

Project Name: GREC - Area314
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 176.00
Water Table Elevation, [WT] (ft datum): 177.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 8768.0

Geometry Data

Equivalent Pond Length, [L] (ft): 548.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
178.55	1096.0
179.00	4548.0
180.00	12220.0
180.55	16440.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.55
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	16.000
5.000	20.000
10.000	25.000
14.000	30.000
15.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	20.000
10.000	25.000
14.000	30.000
15.000	
16.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.880
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 89.9
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 5359

Initial ground water level (ft datum) default, 177.75

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Sort-By-Category Report

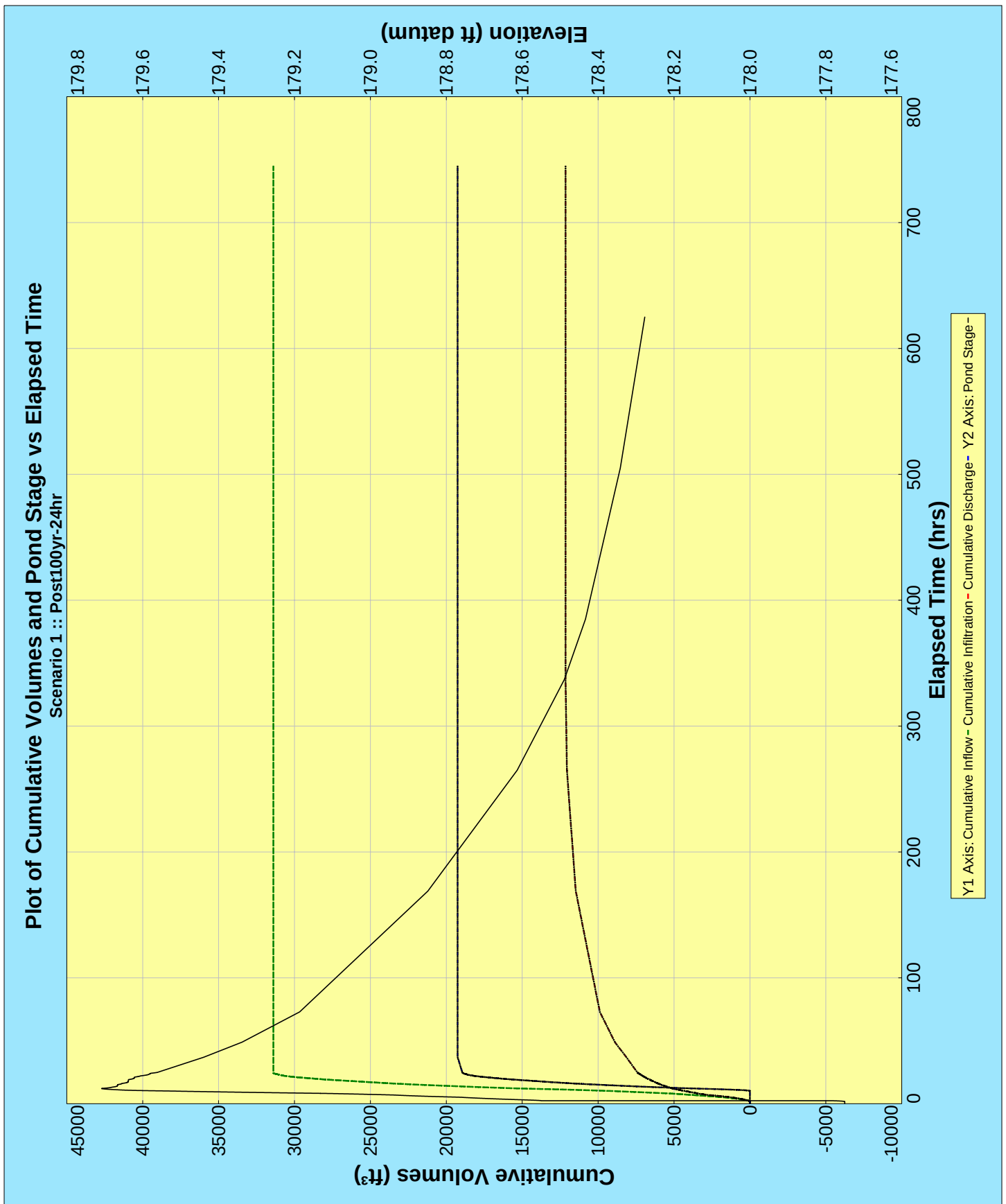
Scenarios Considered: 1 to 9

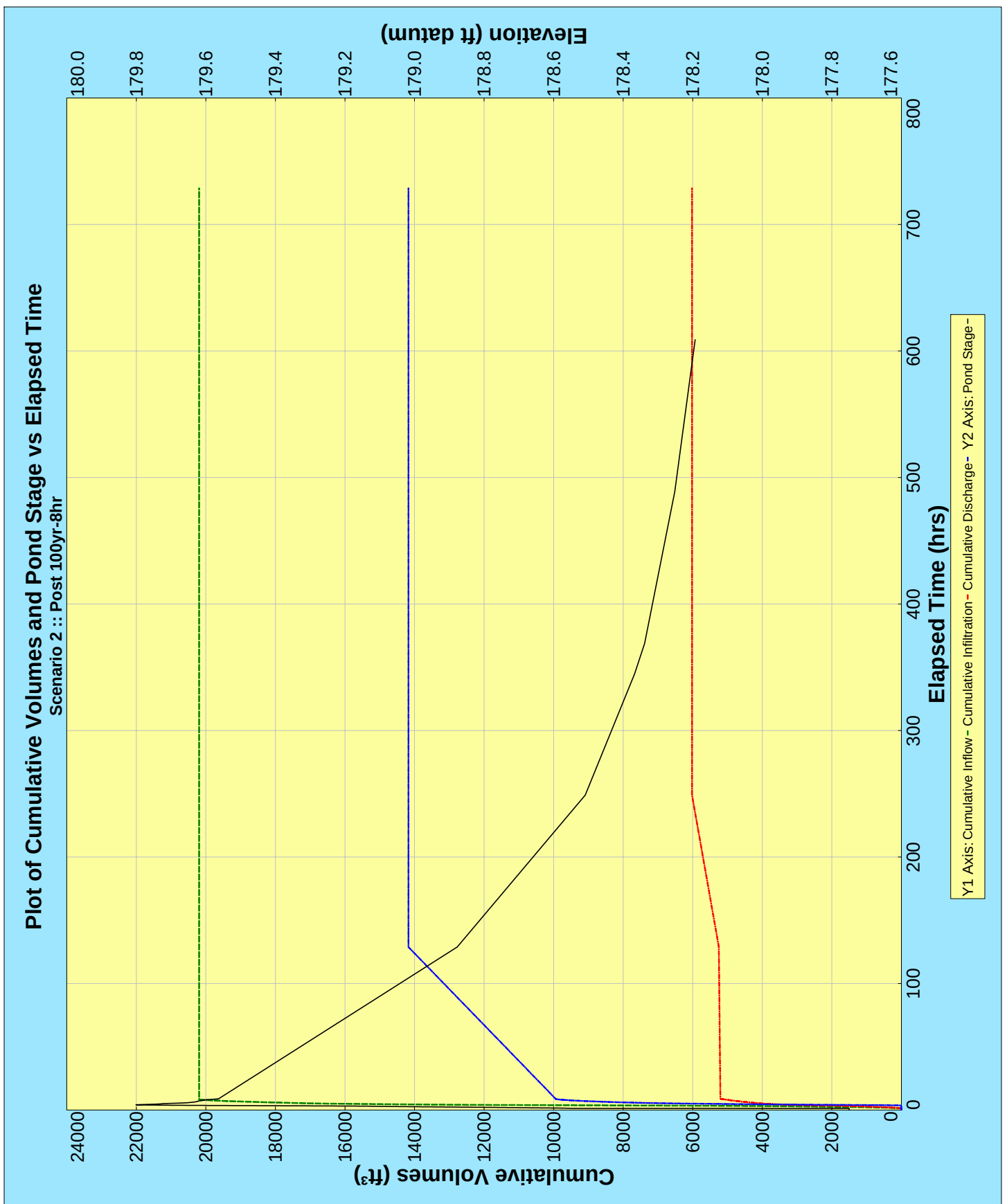
Stage - Maximum

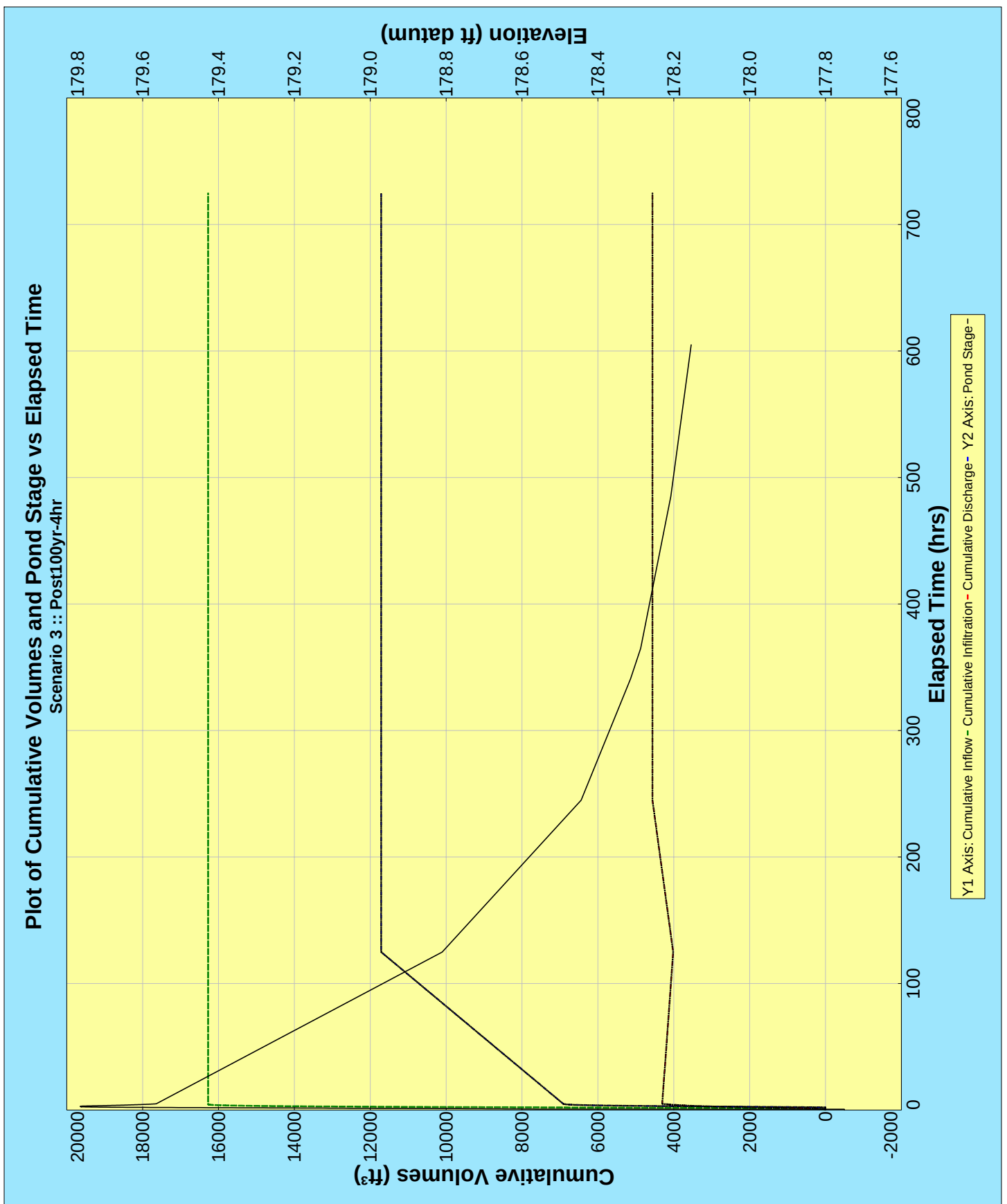
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.801	4.156	Post 100yr-8hr
2	5	179.790	0.956	Post 100yr-1hr
3	3	179.765	2.844	Post100yr-4hr
4	4	179.743	1.244	Post100yr-2hr
5	1	179.708	12.067	Post100yr-24hr
6	6	179.675	59.956	Post 100yr-3d
7	8	179.668	183.956	Post 100yr-10d
8	7	179.648	159.889	Post 100yr-7d
9	9	179.598	0.002	Treatment volume

Discharge - Rate - Maximum Positive

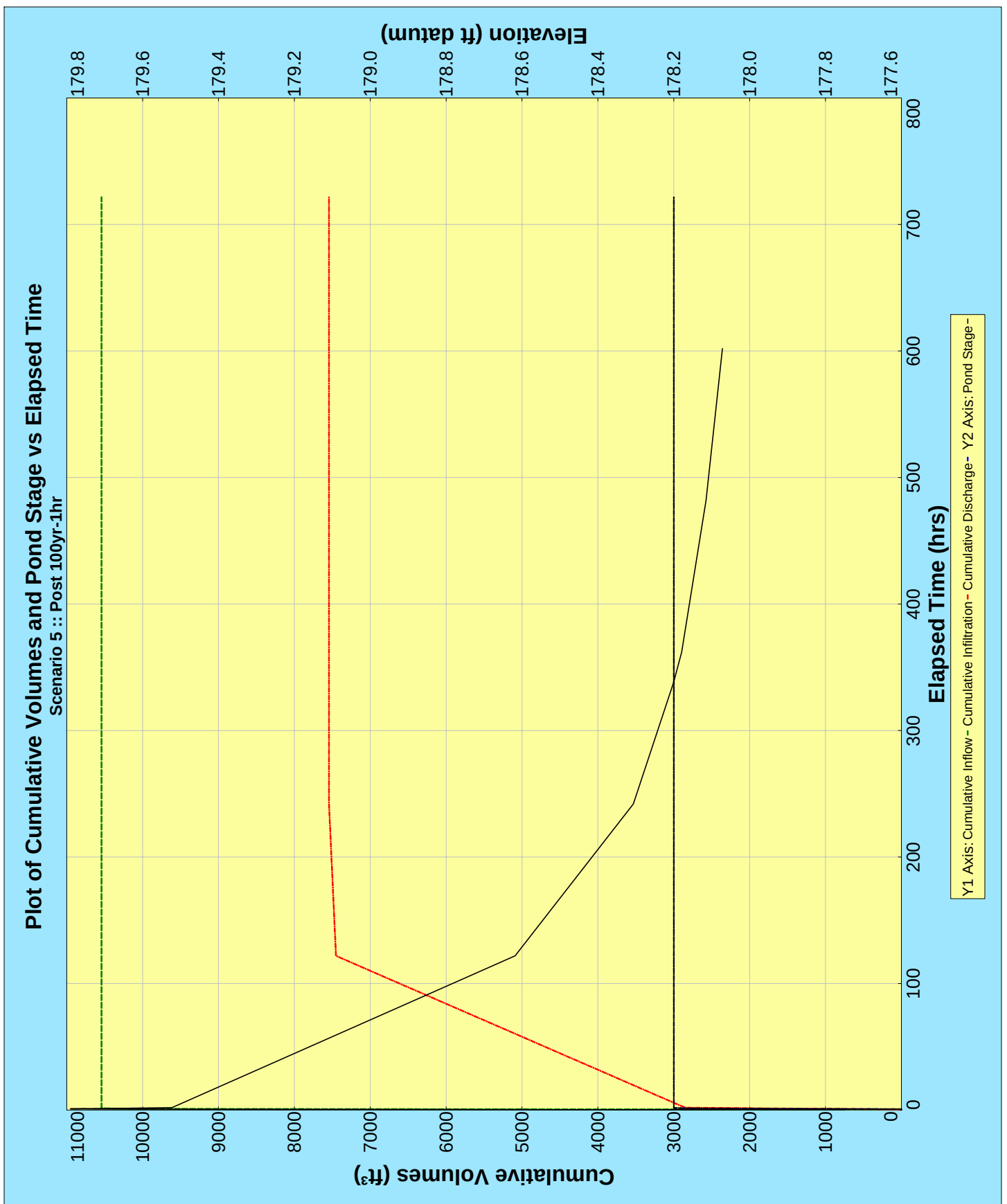
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	5	1.6785	0.956	Post 100yr-1hr
2	2	1.6306	4.133	Post 100yr-8hr
3	3	1.4026	2.622	Post100yr-4hr
4	4	1.2122	1.244	Post100yr-2hr
5	1	0.8186	12.067	Post100yr-24hr
6	6	0.5726	60.000	Post 100yr-3d
7	8	0.5307	184.000	Post 100yr-10d
8	7	0.3990	160.000	Post 100yr-7d
9	9	0.1488	0.002	Treatment volume

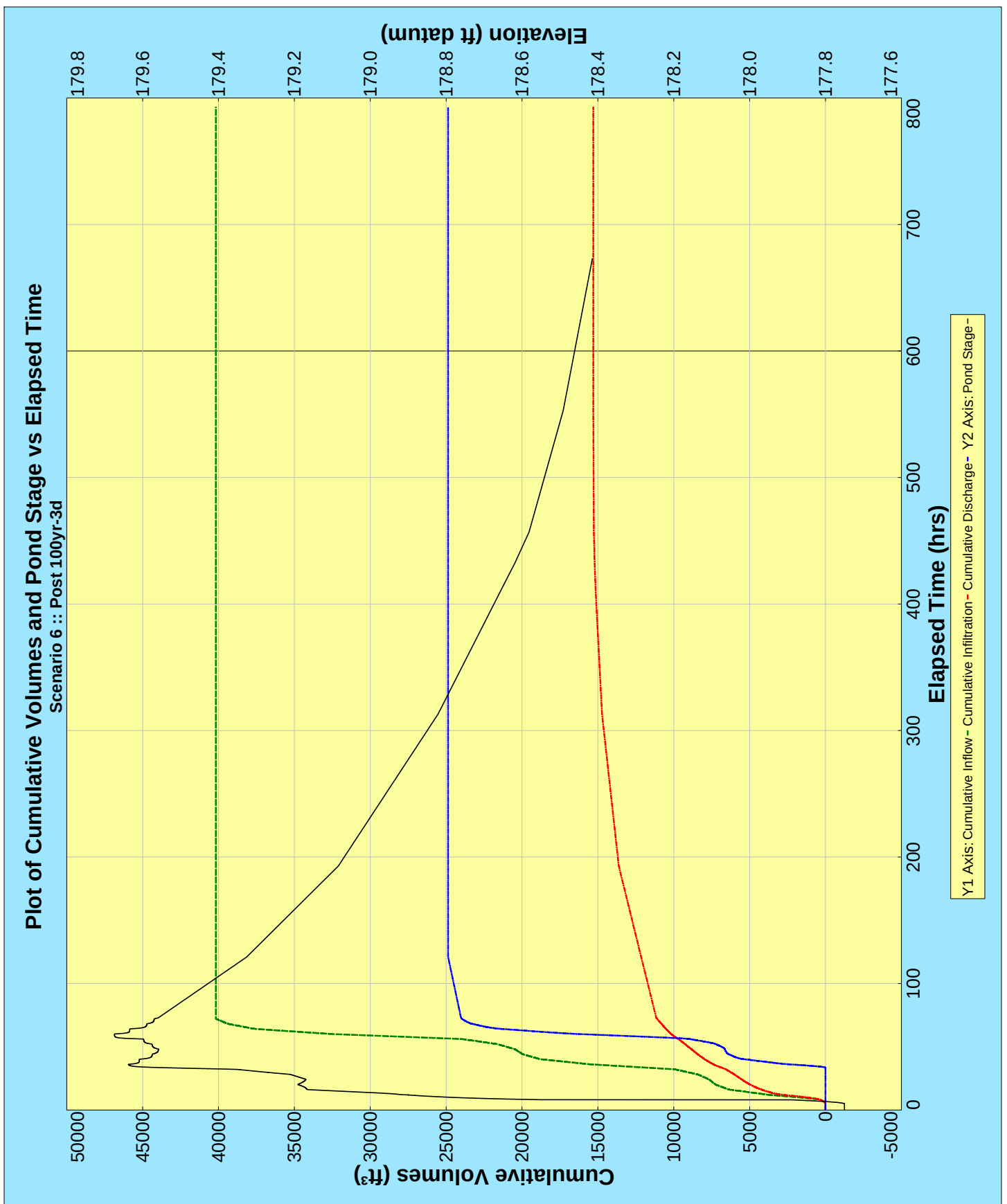


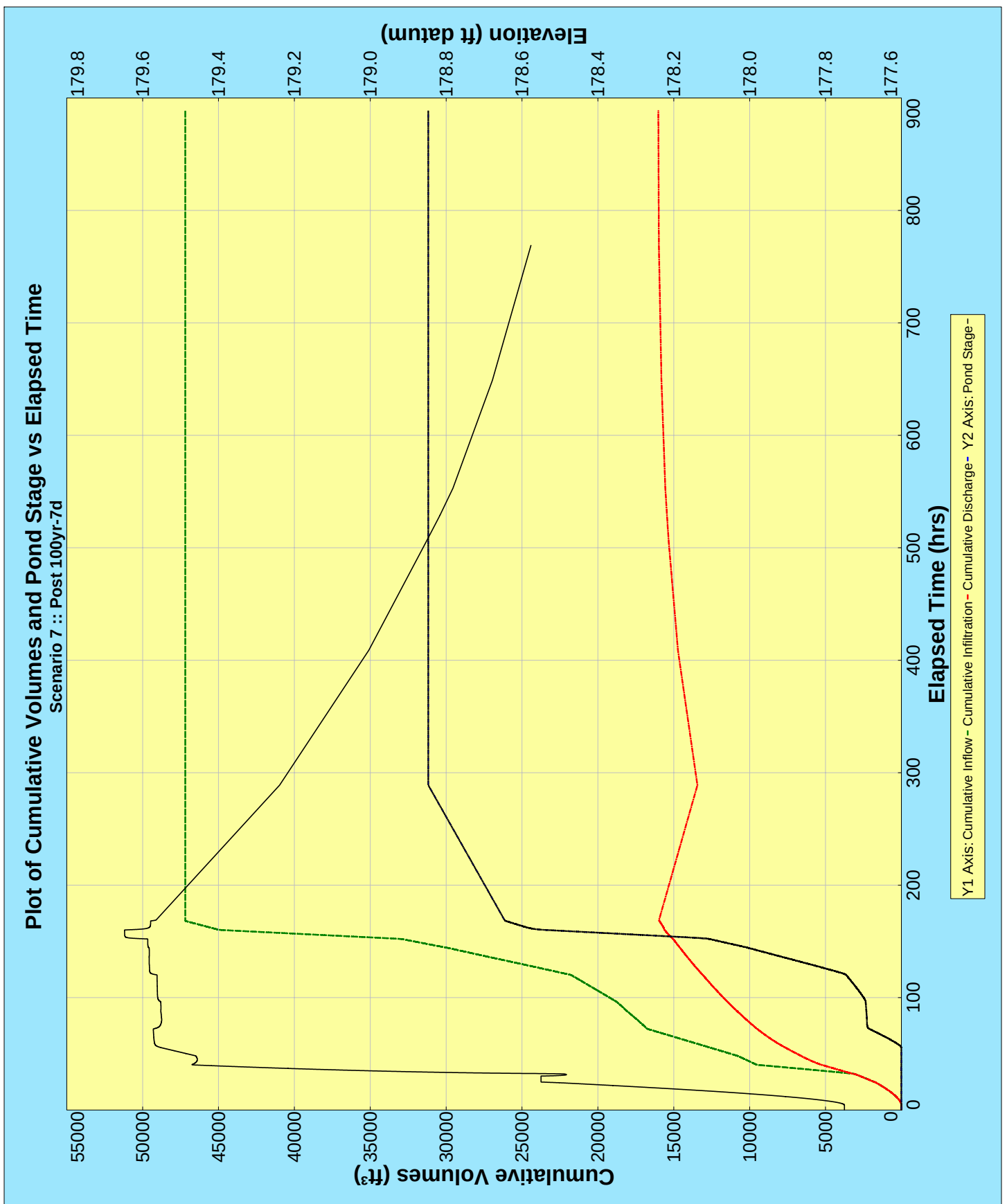


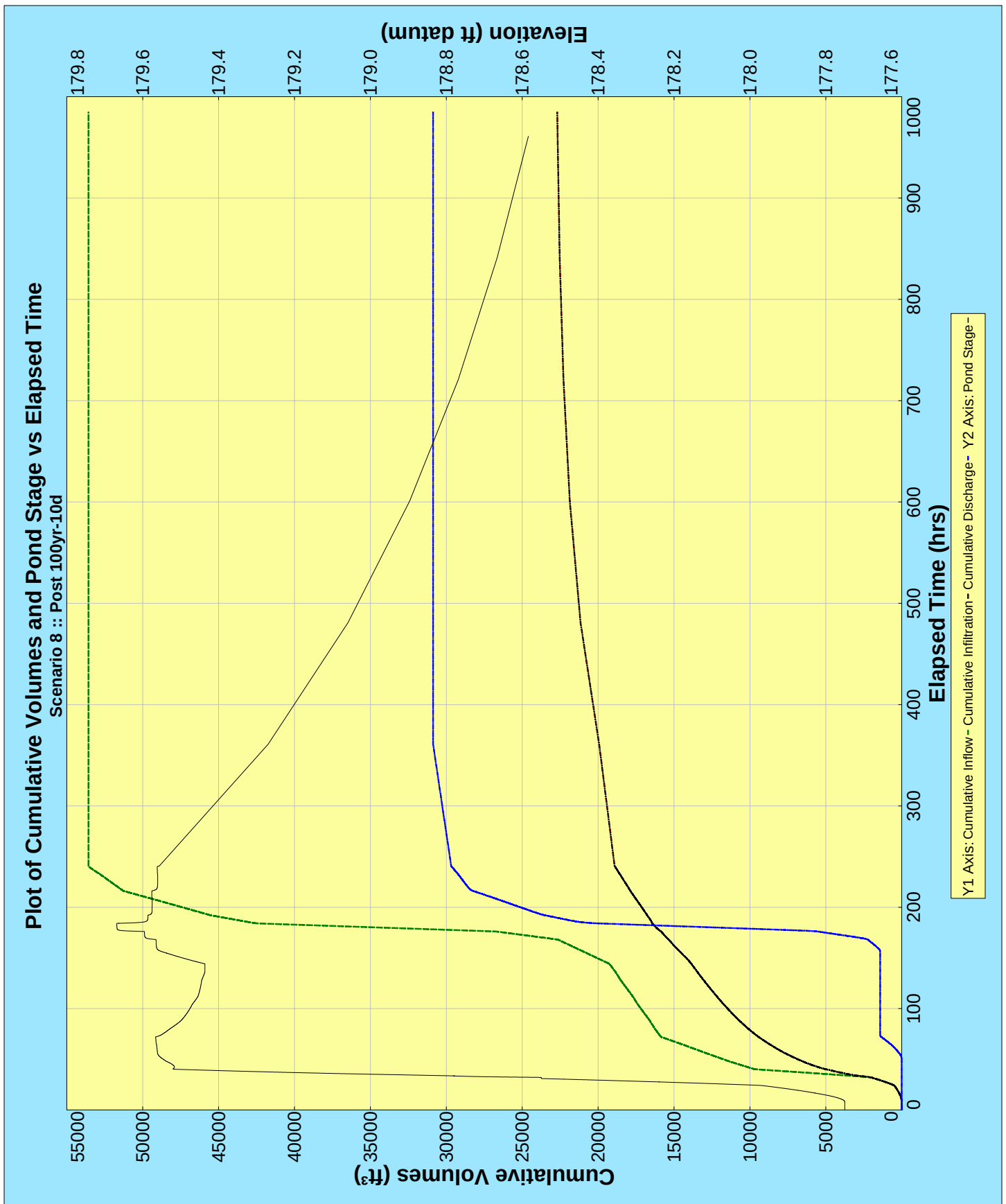


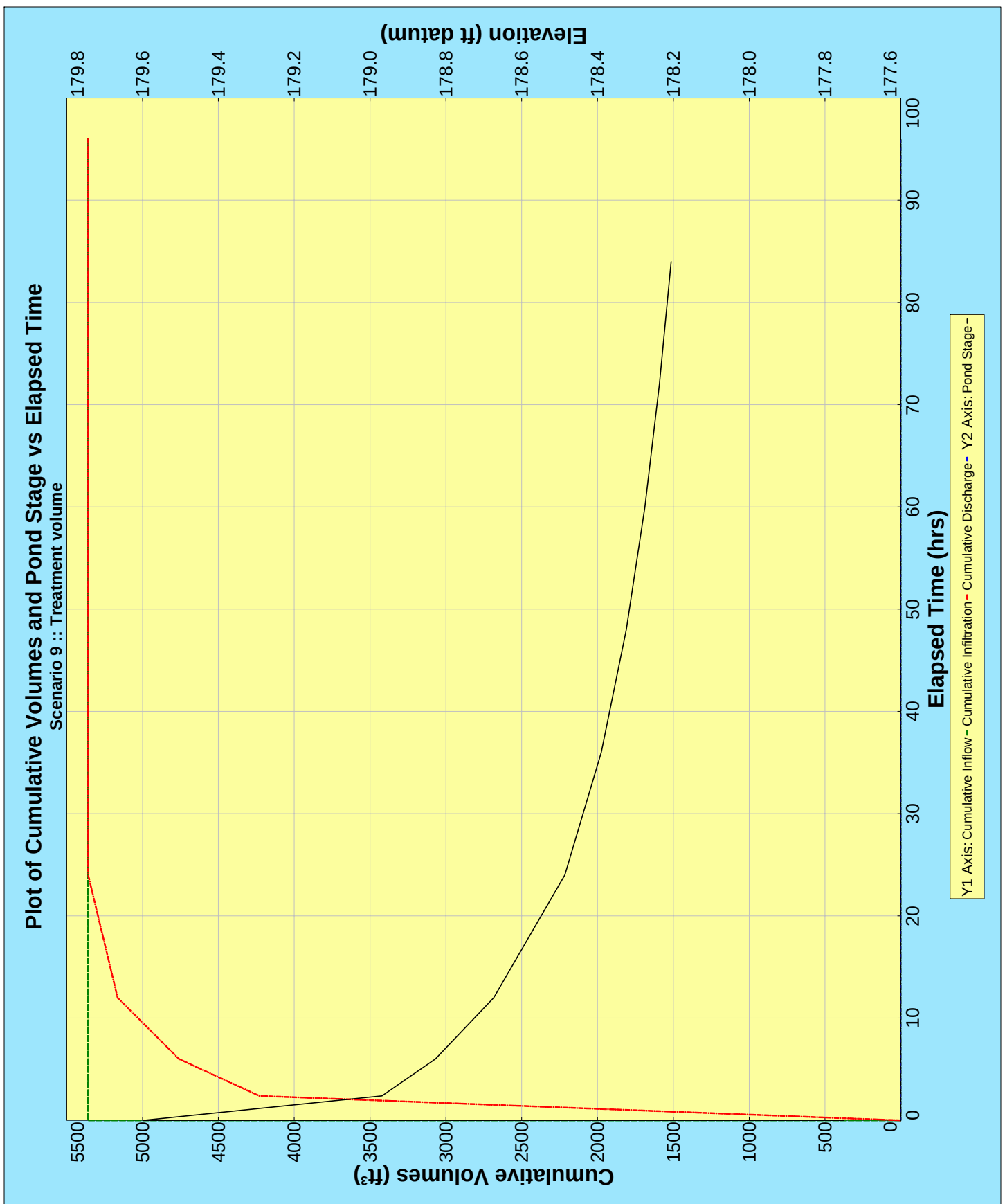


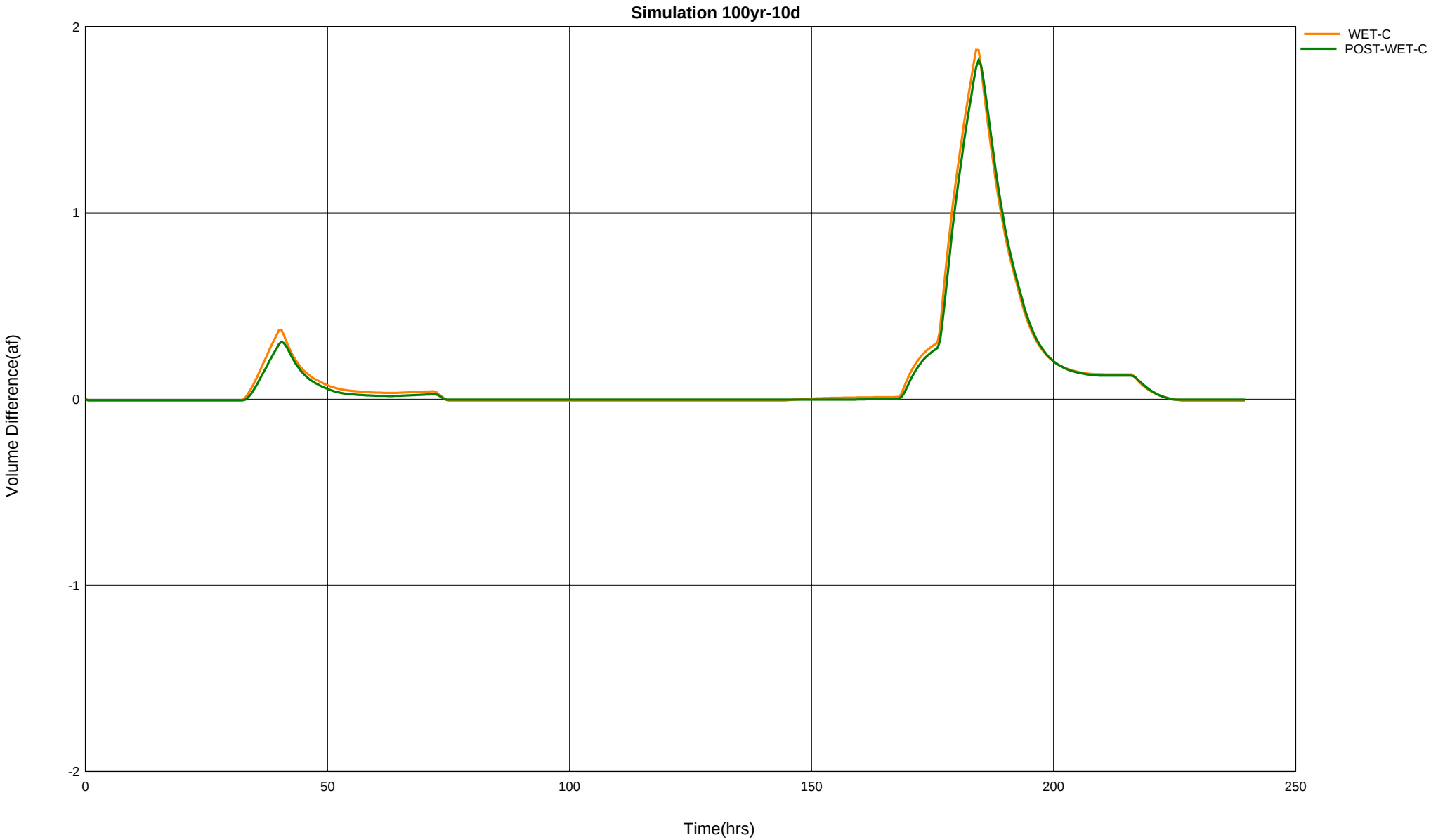












GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
bdry-32	100yr-10d	174.000	174.000	0.0001	3	3.977	0.000
bdry-32	100yr-1hr	174.000	174.000	0.0001	3	2.427	0.000
bdry-32	100yr-24hr	174.000	174.000	0.0001	3	3.862	0.000
bdry-32	100yr-2hr	174.000	174.000	0.0001	3	3.033	0.000
bdry-32	100yr-3d	174.000	174.000	0.0001	3	3.484	0.000
bdry-32	100yr-4hr	174.000	174.000	0.0001	3	3.708	0.000
bdry-32	100yr-7d	174.000	174.000	0.0001	3	3.370	0.000
bdry-32	100yr-8hr	174.000	174.000	0.0001	3	3.891	0.000
bdry-4	100yr-10d	174.000	174.000	0.0001	3	3.908	0.000
bdry-4	100yr-1hr	174.000	174.000	0.0001	3	3.460	0.000
bdry-4	100yr-24hr	174.000	174.000	0.0001	3	4.775	0.000
bdry-4	100yr-2hr	174.000	174.000	0.0001	3	3.841	0.000
bdry-4	100yr-3d	174.000	174.000	0.0001	3	4.405	0.000
bdry-4	100yr-4hr	174.000	174.000	0.0001	3	4.815	0.000
bdry-4	100yr-7d	174.000	174.000	0.0001	3	3.299	0.000
bdry-4	100yr-8hr	174.000	174.000	0.0001	3	5.104	0.000
Node312	100yr-10d	180.230	181.160	0.0021	4093	0.299	0.299
Node312	100yr-1hr	180.268	181.160	-0.0099	4222	1.299	0.570
Node312	100yr-24hr	180.248	181.160	-0.0064	4155	0.430	0.421
Node312	100yr-2hr	180.263	181.160	-0.0096	4205	1.173	0.530
Node312	100yr-3d	180.233	181.160	0.0051	4104	0.319	0.319
Node312	100yr-4hr	180.292	181.160	0.0075	4301	0.954	0.764
Node312	100yr-7d	180.218	181.160	0.0021	4052	0.224	0.224
Node312	100yr-8hr	180.309	181.160	0.0099	4360	1.200	0.918
Node314	100yr-10d	179.653	180.550	0.0032	9565	0.529	0.529
Node314	100yr-1hr	179.758	180.550	0.0067	10375	4.065	1.518
Node314	100yr-24hr	179.688	180.550	0.0041	9836	0.855	0.822
Node314	100yr-2hr	179.728	180.550	0.0067	10139	2.491	1.197
Node314	100yr-3d	179.658	180.550	0.0030	9607	0.571	0.571
Node314	100yr-4hr	179.751	180.550	0.0085	10317	2.031	1.437
Node314	100yr-7d	179.635	180.550	0.0041	9428	0.398	0.398
Node314	100yr-8hr	179.776	180.550	0.0071	10516	2.300	1.723
POST-WET-C	100yr-10d	174.837	175.450	-0.0098	91635	5.630	3.908
POST-WET-C	100yr-1hr	174.190	175.450	0.0100	59278	13.562	3.460
POST-WET-C	100yr-24hr	174.551	175.450	0.0098	77359	7.348	4.775
POST-WET-C	100yr-2hr	174.287	175.450	-0.0099	64149	10.749	3.841
POST-WET-C	100yr-3d	174.441	175.450	-0.0099	71831	6.004	4.405
POST-WET-C	100yr-4hr	174.563	175.450	0.0099	77967	13.262	4.815
POST-WET-C	100yr-7d	174.554	175.450	-0.0100	77477	4.291	3.299
POST-WET-C	100yr-8hr	174.657	175.450	-0.0099	82660	13.780	5.104
WET-C	100yr-10d	174.872	175.450	-0.0096	93383	5.719	3.977
WET-C	100yr-1hr	174.237	175.450	0.0100	61668	15.770	2.427
WET-C	100yr-24hr	174.814	175.450	0.0098	90485	7.922	3.862
WET-C	100yr-2hr	174.445	175.450	-0.0099	72034	17.050	3.033
WET-C	100yr-3d	174.635	175.450	-0.0099	81523	6.081	3.484
WET-C	100yr-4hr	174.738	175.450	0.0099	86709	15.955	3.708
WET-C	100yr-7d	174.584	175.450	-0.0100	79005	4.368	3.370
WET-C	100yr-8hr	174.828	175.450	-0.0099	91190	18.743	3.891

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-3d	bdry-32	BASE	72.00	172.400	174.000	11	1.520	0.000	7.2	0.0
100yr-3d	bdry-4	BASE	72.00	172.400	174.000	11	1.122	0.000	7.0	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-7d	bdry-32	BASE	168.02	172.933	174.000	11	1.470	0.000	8.9	0.0
100yr-7d	bdry-4	BASE	168.02	172.933	174.000	11	1.495	0.000	8.3	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

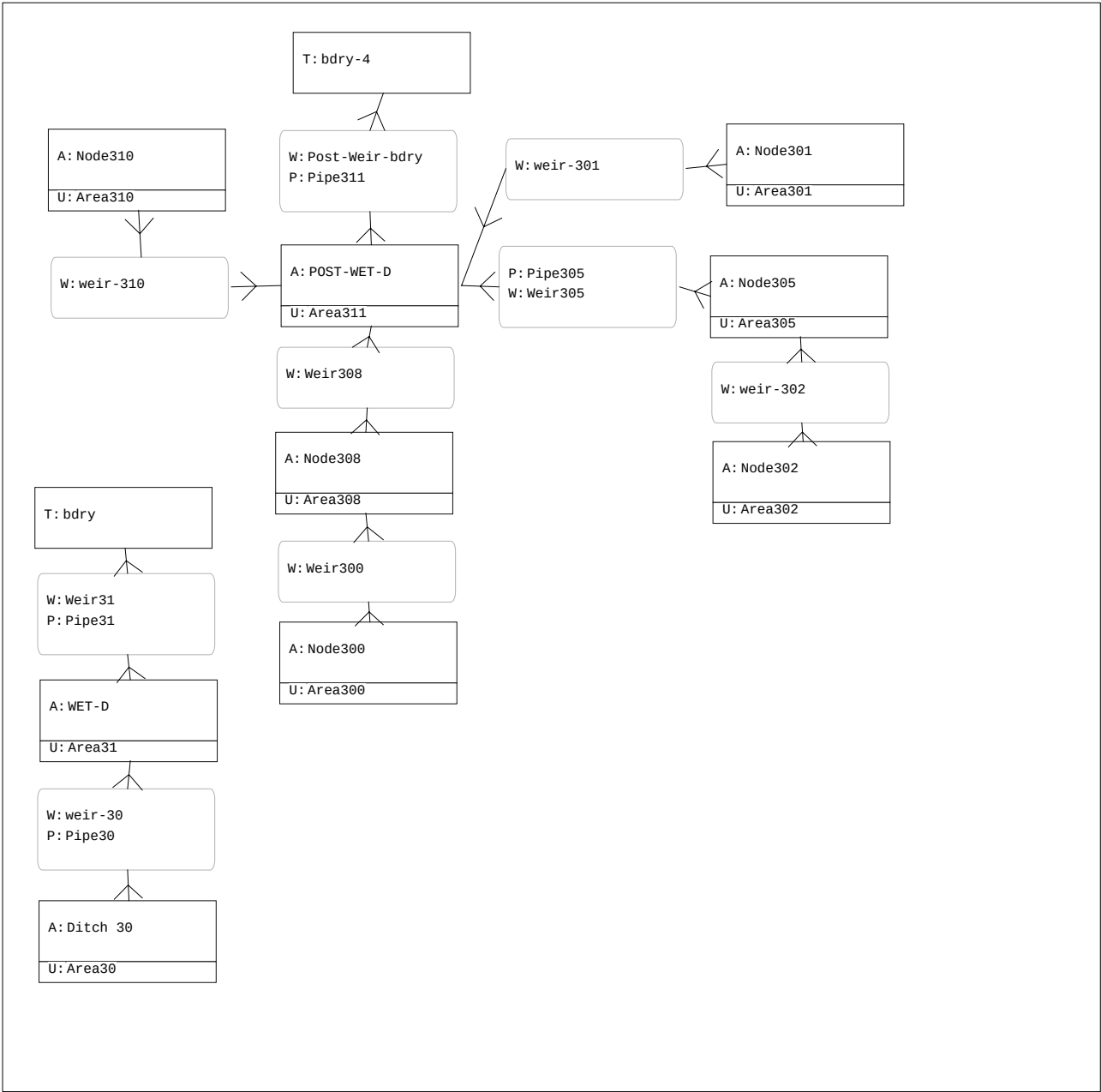
Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-10d	bdry-32	BASE	239.51	173.331	174.000	12	0.293	0.000	10.8	0.0
100yr-10d	bdry-4	BASE	239.51	173.331	174.000	12	0.272	0.000	10.2	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND C

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-24hr	bdry-32	BASE	24.00	172.133	174.000	10	3.148	0.000	4.3	0.0
100yr-24hr	bdry-4	BASE	24.00	172.133	174.000	11	1.999	0.000	4.8	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

- Nodes**
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole
- Basins**
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA
- Links**
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



=====
==== Basins =====
=====

Name: Area30	Node: Ditch 30	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 42.00	
Area(ac): 7.288	Time Shift(hrs): 0.00	
Curve Number: 59.30	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area300	Node: Node300	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 38.00	
Area(ac): 4.647	Time Shift(hrs): 0.00	
Curve Number: 77.50	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area301	Node: Node301	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 48.00	
Area(ac): 3.817	Time Shift(hrs): 0.00	
Curve Number: 62.10	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area302	Node: Node302	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 43.00	
Area(ac): 4.388	Time Shift(hrs): 0.00	
Curve Number: 60.70	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area305	Node: Node305	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 29.00	
Area(ac): 1.997	Time Shift(hrs): 0.00	
Curve Number: 60.60	Max Allowable Q(cfs): 999999.000	

DCIA(%): 0.00

Name: Area308	Node: Node308	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 10.00	
Area(ac): 0.776	Time Shift(hrs): 0.00	
Curve Number: 82.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area31	Node: WET-D	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 40.00	
Area(ac): 17.298	Time Shift(hrs): 0.00	
Curve Number: 59.70	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area310	Node: Node310	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 14.00	
Area(ac): 1.331	Time Shift(hrs): 0.00	
Curve Number: 84.40	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

Name: Area311	Node: POST-WET-D	Status: Onsite
Group: BASE	Type: SCS Unit Hydrograph CN	
Unit Hydrograph: Uh323	Peaking Factor: 323.0	
Rainfall File: Fdot-240	Storm Duration(hrs): 240.00	
Rainfall Amount(in): 18.000	Time of Conc(min): 40.00	
Area(ac): 7.158	Time Shift(hrs): 0.00	
Curve Number: 65.90	Max Allowable Q(cfs): 999999.000	
DCIA(%): 0.00		

==== Nodes =====

Name: bdry	Base Flow(cfs): 0.000	Init Stage(ft): 172.000
Group: BASE		Warn Stage(ft): 174.000
Type: Time/Stage		

Time(hrs)	Stage(ft)
0.00	172.000
360.00	173.000

Name: bdry-4	Base Flow(cfs): 0.000	Init Stage(ft): 172.000
Group: BASE		Warn Stage(ft): 174.000
Type: Time/Stage		

Time(hrs)	Stage(ft)
0.00	172.000
360.00	173.000

Name: Ditch 30	Base Flow(cfs): 0.000	Init Stage(ft): 175.000
Group: BASE		Warn Stage(ft): 177.410
Type: Stage/Area		

Stage(ft)	Area(ac)
175.000	0.0130
176.000	0.1060
177.000	0.2120
177.410	0.2620

Name: Node300	Base Flow(cfs): 0.000	Init Stage(ft): 180.500
Group: BASE		Warn Stage(ft): 182.500
Type: Stage/Area		

Stage(ft)	Area(ac)
180.500	0.6910
181.000	0.7330
182.000	0.8190
182.500	0.8620

Name: Node301	Base Flow(cfs): 0.000	Init Stage(ft): 178.460
Group: BASE		Warn Stage(ft): 180.460
Type: Stage/Area		

Stage(ft)	Area(ac)
178.460	0.0180
179.000	0.0840
180.000	0.2080
180.460	0.2640

Name: Node302	Base Flow(cfs): 0.000	Init Stage(ft): 178.620
Group: BASE		Warn Stage(ft): 180.620
Type: Stage/Area		

Stage(ft)		Area(ac)	
-----		-----	
178.620	0.0170		
179.000	0.0620		
180.000	0.1810		
180.620	0.2550		

Name: Node305		Base Flow(cfs): 0.000	Init Stage(ft): 175.000
Group: BASE			Warn Stage(ft): 177.410
Type: Stage/Area			
Stage(ft)	Area(ac)		
-----	-----		
175.000	0.0130		
176.000	0.1060		
177.000	0.2120		
177.410	0.2620		

Name: Node308		Base Flow(cfs): 0.000	Init Stage(ft): 178.360
Group: BASE			Warn Stage(ft): 180.360
Type: Stage/Area			
Stage(ft)	Area(ac)		
-----	-----		
178.360	0.0220		
179.000	0.1220		
180.000	0.2770		
180.360	0.3330		

Name: Node310		Base Flow(cfs): 0.000	Init Stage(ft): 176.500
Group: BASE			Warn Stage(ft): 178.000
Type: Stage/Area			
Stage(ft)	Area(ac)		
-----	-----		
176.500	0.3020		
177.000	0.3310		
178.000	0.3870		

Name: POST-WET-D		Base Flow(cfs): 0.000	Init Stage(ft): 173.000
Group: BASE			Warn Stage(ft): 175.000
Type: Stage/Area			
Stage(ft)	Area(ac)		
-----	-----		
173.000	0.1320		
174.000	0.5400		
175.000	1.5450		

Name: WET-D		Base Flow(cfs): 0.000	Init Stage(ft): 173.000

Group: BASE
Type: Stage/Area

Warn Stage(ft): 175.000

Stage(ft)	Area(ac)
173.000	0.1320
174.000	0.5400
175.000	1.5450

==== Operating Tables =====

Name: Group: BASE
Type: Bottom Clip
Function: Time vs. Depth of Clip

Time(hrs)	Clip Depth(in)
-----	-----

==== Pipes =====

Name: Pipe30	From Node: Ditch 30	Length(ft): 29.00
Group: BASE	To Node: WET-D	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Automatic
		Flow: Both
UPSTREAM	DOWNSTREAM	Entrance Loss Coef: 0.00
Geometry: Circular	Circular	Exit Loss Coef: 1.00
Span(in): 12.00	12.00	Bend Loss Coef: 0.00
Rise(in): 12.00	12.00	Outlet Ctrl Spec: Use dc or tw
Invert(ft): 174.600	174.600	Inlet Ctrl Spec: Use dc
Manning's N: 0.013000	0.013000	Stabilizer Option: None
Top Clip(in): 0.000	0.000	
Bot Clip(in): 0.000	0.000	

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: Pipe305	From Node: Node305	Length(ft): 29.00
Group: BASE	To Node: POST-WET-D	Count: 1
		Friction Equation: Automatic
		Solution Algorithm: Automatic
		Flow: Both
UPSTREAM	DOWNSTREAM	Entrance Loss Coef: 0.00
Geometry: Circular	Circular	Exit Loss Coef: 1.00
Span(in): 12.00	12.00	Bend Loss Coef: 0.00
Rise(in): 12.00	12.00	Outlet Ctrl Spec: Use dc or tw
Invert(ft): 174.600	174.600	Inlet Ctrl Spec: Use dc
Manning's N: 0.009000	0.009000	Stabilizer Option: None
Top Clip(in): 0.000	0.000	
Bot Clip(in): 0.000	0.000	

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```

-----
      Name: Pipe31          From Node: WET-D          Length(ft): 42.00
      Group: BASE          To Node: bdry              Count: 1
                                          Friction Equation: Automatic
                                          Solution Algorithm: Automatic
                                          Flow: Both
      UPSTREAM      DOWNSTREAM
Geometry: Circular      Circular
Span(in): 12.00         12.00
Rise(in): 12.00         12.00
Invert(ft): 173.120     173.110
Manning's N: 0.009000   0.009000
Top Clip(in): 0.000     0.000
Bot Clip(in): 0.000     0.000
Entrance Loss Coef: 0.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None
  
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```

-----
      Name: Pipe311        From Node: POST-WET-D      Length(ft): 42.00
      Group: BASE          To Node: bdry-4             Count: 1
                                          Friction Equation: Automatic
                                          Solution Algorithm: Automatic
                                          Flow: Both
      UPSTREAM      DOWNSTREAM
Geometry: Circular      Circular
Span(in): 12.00         12.00
Rise(in): 12.00         12.00
Invert(ft): 173.120     173.110
Manning's N: 0.009000   0.009000
Top Clip(in): 0.000     0.000
Bot Clip(in): 0.000     0.000
Entrance Loss Coef: 0.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None
  
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```

=====
==== Weirs =====
=====
  
```

```

      Name: Post-Weir-bdry  From Node: POST-WET-D
      Group: BASE          To Node: bdry-4
      Flow: Both           Count: 1
      Type: Vertical: Gravel Geometry: Parabolic

      Top Width(ft): 99.00
      Corres Depth(ft): 0.30
  
```

Invert(ft): 174.700
Control Elevation(ft): 174.700
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-30 From Node: Ditch 30
Group: BASE To Node: WET-D
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 149.00
Corres Depth(ft): 0.59
Invert(ft): 177.410
Control Elevation(ft): 177.410
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-301 From Node: Node301
Group: BASE To Node: POST-WET-D
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 60.00
Rise(in): 12.00
Invert(ft): 179.750
Control Elevation(ft): 179.750

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-302 From Node: Node302
Group: BASE To Node: Node305
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 60.00
Rise(in): 12.00
Invert(ft): 179.620
Control Elevation(ft): 179.620

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: weir-310 From Node: Node310
Group: BASE To Node: POST-WET-D
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 12.00
Rise(in): 6.00
Invert(ft): 177.500
Control Elevation(ft): 177.500

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

TABLE

Name: Weir300 From Node: Node300
Group: BASE To Node: Node308
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 30.00
Rise(in): 9.00
Invert(ft): 181.950
Control Elevation(ft): 181.950

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

TABLE

Name: Weir305 From Node: Node305
Group: BASE To Node: POST-WET-D
Flow: Both Count: 1
Type: Vertical: Paved Geometry: Parabolic

Top Width(ft): 149.00
Corres Depth(ft): 0.59
Invert(ft): 177.410
Control Elevation(ft): 177.410
Struct Opening Dim(ft): 9999.00

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

TABLE

Name: Weir308 From Node: Node308
Group: BASE To Node: POST-WET-D
Flow: Positive Count: 1
Type: Vertical: Fread Geometry: Rectangular

Span(in): 60.00
Rise(in): 12.00
Invert(ft): 179.360

Control Elevation(ft): 179.360

TABLE

Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

Name: Weir31 From Node: WET-D
Group: BASE To Node: bdry
Flow: Both Count: 1
Type: Vertical: Gravel Geometry: Parabolic

Top Width(ft): 99.00
Corres Depth(ft): 0.30
Invert(ft): 174.700
Control Elevation(ft): 174.700
Struct Opening Dim(ft): 9999.00

TABLE

Bottom Clip(ft): 0.000
Top Clip(ft): 0.000
Weir Discharge Coef: 3.200
Orifice Discharge Coef: 0.600

==== Hydrology Simulations =====

Name: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 18.00

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-1hr.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 4.40

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-24hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.04

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-2hr.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 5.00

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-3d.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 13.80

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-4hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-4hr.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 6.25

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-7d.R32

Override Defaults: Yes
Storm Duration(hrs): 168.00
Rainfall File: Fdot-168
Rainfall Amount(in): 16.00

Time(hrs)	Print Inc(min)
360.000	30.00

Name: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-8hr.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 7.50

Time(hrs)	Print Inc(min)
360.000	30.00

==== Routing Simulations =====

Name: 100yr-10d Hydrology Sim: 100yr-10d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-10d.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-10d

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-1hr Hydrology Sim: 100yr-1hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-1hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-1hr

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-24hr Hydrology Sim: 100yr-24hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-24hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	

Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-24hr

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

Name: 100yr-2hr	Hydrology Sim: 100yr-2hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-2hr.I32	

Execute: Yes	Restart: No	Patch: No
Alternative: No		

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-2hr

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

Name: 100yr-3d	Hydrology Sim: 100yr-3d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-3d.I32	

Execute: Yes	Restart: No	Patch: No
Alternative: No		

Max Delta Z(ft): 1.00	Delta Z Factor: 0.01000
Time Step Optimizer: 10.000	
Start Time(hrs): 0.000	End Time(hrs): 360.00
Min Calc Time(sec): 0.5000	Max Calc Time(sec): 60.0000
Boundary Stages:	Boundary Flows: Hyd-3d

Time(hrs)	Print Inc(min)
-----	-----
360.000	30.000
Group	Run
-----	-----
BASE	Yes

Name: 100yr-4hr	Hydrology Sim: 100yr-4hr

Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-4hr.I32

Execute: Yes
Alternative: No

Restart: No

Patch: No

Max Delta Z(ft): 1.00
Time Step Optimizer: 10.000
Start Time(hrs): 0.000
Min Calc Time(sec): 0.5000
Boundary Stages:

Delta Z Factor: 0.01000
End Time(hrs): 360.00
Max Calc Time(sec): 60.0000
Boundary Flows: Hyd-4hr

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-7d Hydrology Sim: 100yr-7d
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-7d.I32

Execute: Yes
Alternative: No

Restart: No

Patch: No

Max Delta Z(ft): 1.00
Time Step Optimizer: 10.000
Start Time(hrs): 0.000
Min Calc Time(sec): 0.5000
Boundary Stages:

Delta Z Factor: 0.01000
End Time(hrs): 360.00
Max Calc Time(sec): 60.0000
Boundary Flows: Hyd-7d

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
BASE	Yes

Name: 100yr-8hr Hydrology Sim: 100yr-8hr
Filename: C:\Program Files\Icpr3\examples\GREC3a\100yr-8hr.I32

Execute: Yes
Alternative: No

Restart: No

Patch: No

Max Delta Z(ft): 1.00
Time Step Optimizer: 10.000
Start Time(hrs): 0.000
Min Calc Time(sec): 0.5000
Boundary Stages:

Delta Z Factor: 0.01000
End Time(hrs): 360.00
Max Calc Time(sec): 60.0000
Boundary Flows: Hyd-8hr

Time(hrs)	Print Inc(min)
360.000	30.000

Group	Run
-----	-----
BASE	Yes

==== Boundary Conditions =====

Name: Hyd-1hr Node: Node300 Type: Flow

Time(hrs)	Flow(cfs)
-----	-----
0.000	0.000
0.084	0.000
0.169	-0.000
0.253	-0.020
0.338	-0.152
0.422	-0.586
0.507	-1.556
0.591	-2.233
0.676	-2.266
0.760	-2.274
0.844	-2.289
0.929	-2.308
1.013	-2.329
1.098	-2.350
1.182	-2.369
1.267	-2.385
1.351	-2.398
1.436	-2.408
1.520	-2.416
1.604	-2.422
1.689	-2.426
1.773	-2.429
1.858	-2.431
1.942	-2.431
2.027	-2.431
2.111	-2.431
2.196	-2.769
2.280	-2.137
2.364	-1.057
2.449	-0.872
2.533	-0.743
2.618	-0.651
2.702	-0.583
2.787	-0.532
2.871	-0.492
2.956	-0.460
3.040	-0.433
3.124	-0.410
3.209	-0.391
3.293	-0.373
3.378	-0.358
3.462	-0.344
3.547	-0.332
3.631	-0.320
3.716	-0.310
3.800	-0.300
3.884	-0.291
3.969	-0.283
4.053	-0.276
4.138	-0.269
4.222	-0.262
4.307	-0.256

4.391	-0.253
52.391	-0.048
124.391	-0.016
244.391	0.000
340.391	0.000
364.391	0.000
484.391	0.000
604.391	0.000
724.391	0.000

Name: Hyd-1hr

Node: Node301

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	-0.011
0.427	-0.037
0.533	-0.064
0.640	-0.098
0.747	-0.154
0.853	-0.223
0.960	-0.298
1.067	-0.363
1.173	-0.391
1.280	-0.391
1.387	-0.391
1.493	-0.391
1.600	-0.391
1.707	-0.391
1.813	-0.391
1.920	-0.391
2.027	-0.893
2.133	-0.972
2.240	-0.492
2.347	-0.398
2.453	-0.331
2.560	-0.284
2.667	-0.248
2.773	-0.222
2.880	-0.201
2.987	-0.185
3.093	-0.172
3.200	-0.161
3.307	-0.152
3.413	-0.144
3.520	-0.138
3.627	-0.132
3.733	-0.127
3.840	-0.123
3.947	-0.119
4.053	-0.116
4.160	-0.113
4.267	-0.110
4.373	-0.108
4.480	-0.106
4.587	-0.105
4.693	-0.103
4.800	-0.100
4.907	-0.097
5.013	-0.095
5.120	-0.092
5.227	-0.090

5.333	-0.089
125.333	-0.004
245.333	0.000
341.333	0.000
365.333	0.000
485.333	0.000
605.333	0.000
725.333	0.000

Name: Hyd-1hr

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000
0.287	-0.002
0.382	-0.026
0.478	-0.049
0.573	-0.065
0.669	-0.104
0.764	-0.164
0.860	-0.236
0.956	-0.312
1.051	-0.364
1.147	-0.377
1.242	-0.377
1.338	-0.377
1.433	-0.377
1.529	-0.377
1.624	-0.377
1.720	-0.377
1.816	-0.377
1.911	-0.377
2.007	-0.377
2.102	-0.377
2.198	-0.377
2.293	-0.377
2.389	-0.377
2.484	-0.377
2.580	-0.377
2.676	-0.377
2.771	-0.377
2.867	-0.377
2.962	-0.768
3.058	-0.961
3.153	-0.687
3.249	-0.559
3.344	-0.469
3.440	-0.405
3.536	-0.359
3.631	-0.323
3.727	-0.296
3.822	-0.273
3.918	-0.255
4.013	-0.239
4.109	-0.225
4.204	-0.213
4.300	-0.202
4.396	-0.192
4.491	-0.184
4.587	-0.176
4.682	-0.169
4.778	-0.162

4.873	-0.159
124.873	-0.002
244.873	0.000
340.873	0.000
364.873	0.000
484.873	0.000
604.873	0.000
724.873	0.000

Name: Hyd-1hr

Node: Node308

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	-0.000
0.222	-0.001
0.244	-0.008
0.267	-0.028
0.289	-0.052
0.311	-0.062
0.333	-0.065
0.356	-0.072
0.378	-0.084
0.400	-0.099
0.422	-0.119
0.444	-0.141
0.467	-0.165
0.489	-0.189
0.511	-0.215
0.533	-0.241
0.556	-0.266
0.578	-0.291
0.600	-0.316
0.622	-0.339
0.644	-0.362
0.667	-0.384
0.689	-0.404
0.711	-0.423
0.733	-0.440
0.756	-0.457
0.778	-0.472
0.800	-0.485
0.822	-0.492
0.844	-0.492
0.867	-0.492
0.889	-0.492
0.911	-0.492
0.933	-0.492
0.956	-0.492
0.978	-0.492
1.000	-0.492
1.022	-0.492
1.044	-0.492
1.067	-0.492
1.089	-0.492
1.111	-0.492

1.133	-0.492
1.156	-0.492
1.178	-0.492
1.200	-0.492
1.222	-0.492
1.244	-0.492
1.267	-0.492
1.289	-0.492
1.311	-0.492
1.333	-0.492
1.356	-0.492
1.378	-0.492
1.400	-0.692
1.422	-0.804
1.444	-0.689
1.467	-0.640
1.489	-0.596
1.511	-0.556
1.533	-0.519
1.556	-0.487
1.578	-0.458
1.600	-0.432
1.622	-0.408
1.644	-0.385
1.667	-0.365
1.689	-0.347
1.711	-0.331
1.733	-0.316
1.756	-0.303
1.778	-0.291
1.800	-0.279
1.822	-0.269
1.844	-0.260
1.867	-0.251
1.889	-0.244
1.911	-0.240
121.911	-0.005
241.911	-0.000
337.911	0.000
361.911	0.000
481.911	0.000
601.911	0.000
721.911	0.000

Name: Hyd-2hr

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000
0.287	0.000
0.382	-0.002
0.478	-0.022
0.573	-0.043
0.669	-0.054
0.764	-0.079
0.860	-0.122
0.956	-0.178
1.051	-0.241
1.147	-0.306
1.242	-0.358
1.338	-0.377
1.433	-0.377

1.529	-0.377
1.624	-0.377
1.720	-0.377
1.816	-0.377
1.911	-0.377
2.007	-0.377
2.102	-0.377
2.198	-0.377
2.293	-0.377
2.389	-0.377
2.484	-0.377
2.580	-0.377
2.676	-0.377
2.771	-0.377
2.867	-0.377
2.962	-0.377
3.058	-0.377
3.153	-0.819
3.249	-0.998
3.344	-0.671
3.440	-0.560
3.536	-0.478
3.631	-0.419
3.727	-0.375
3.822	-0.341
3.918	-0.315
4.013	-0.294
4.109	-0.277
4.204	-0.262
4.300	-0.249
4.396	-0.236
4.491	-0.225
4.587	-0.215
4.682	-0.205
4.778	-0.197
4.873	-0.189
4.969	-0.182
5.064	-0.176
5.160	-0.170
5.256	-0.164
5.351	-0.159
5.447	-0.154
5.542	-0.150
5.638	-0.145
5.733	-0.141
5.829	-0.139
125.829	-0.003
245.829	0.000
341.829	0.000
365.829	0.000
485.829	0.000
605.829	0.000
725.829	0.000

Name: Hyd-2hr

Node: Node308

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000

0.133	0.000
0.156	-0.000
0.178	-0.000
0.200	-0.002
0.222	-0.009
0.244	-0.024
0.267	-0.048
0.289	-0.062
0.311	-0.063
0.333	-0.066
0.356	-0.072
0.378	-0.079
0.400	-0.088
0.422	-0.098
0.444	-0.108
0.467	-0.120
0.489	-0.133
0.511	-0.146
0.533	-0.161
0.556	-0.175
0.578	-0.190
0.600	-0.206
0.622	-0.221
0.644	-0.236
0.667	-0.252
0.689	-0.268
0.711	-0.284
0.733	-0.300
0.756	-0.317
0.778	-0.334
0.800	-0.350
0.822	-0.367
0.844	-0.383
0.867	-0.399
0.889	-0.414
0.911	-0.427
0.933	-0.439
0.956	-0.450
0.978	-0.460
1.000	-0.470
1.022	-0.478
1.044	-0.486
1.067	-0.491
1.089	-0.492
1.111	-0.492
1.133	-0.492
1.156	-0.492
1.178	-0.492
1.200	-0.492
1.222	-0.492
1.244	-0.492
1.267	-0.492
1.289	-0.492
1.311	-0.492
1.333	-0.492
1.356	-0.492
1.378	-0.492
1.400	-0.492
1.422	-0.492
1.444	-0.492
1.467	-0.492
1.489	-1.000
1.511	-1.130
1.533	-0.727
1.556	-0.678

1.578	-0.633
1.600	-0.592
1.622	-0.555
1.644	-0.522
1.667	-0.492
1.689	-0.465
1.711	-0.440
1.733	-0.418
1.756	-0.398
1.778	-0.380
1.800	-0.364
1.822	-0.349
1.844	-0.335
1.867	-0.323
1.889	-0.311
1.911	-0.301
1.933	-0.291
1.956	-0.282
1.978	-0.273
2.000	-0.266
2.022	-0.259
2.044	-0.252
2.067	-0.245
2.089	-0.238
2.111	-0.231
2.133	-0.225
2.156	-0.219
2.178	-0.214
2.200	-0.209
2.222	-0.204
2.244	-0.200
2.267	-0.196
2.289	-0.192
2.311	-0.188
2.333	-0.185
2.356	-0.181
2.378	-0.178
2.400	-0.175
2.422	-0.172
2.444	-0.170
2.467	-0.167
2.489	-0.165
2.511	-0.163
2.533	-0.161
2.556	-0.158
2.578	-0.157
2.600	-0.155
2.622	-0.153
2.644	-0.151
2.667	-0.149
2.689	-0.148
2.711	-0.146
2.733	-0.145
2.756	-0.143
2.778	-0.142
2.800	-0.141
2.822	-0.139
2.844	-0.138
2.867	-0.137
2.889	-0.136
2.911	-0.135
122.911	-0.005
242.911	-0.000
338.911	0.000
362.911	0.000

482.911	0.000
602.911	0.000
722.911	0.000

Name: Hyd-2hr

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	-0.001
0.253	-0.012
0.338	-0.068
0.422	-0.232
0.507	-0.597
0.591	-1.251
0.676	-1.961
0.760	-2.264
0.844	-2.267
0.929	-2.275
1.013	-2.287
1.098	-2.302
1.182	-2.319
1.267	-2.336
1.351	-2.352
1.436	-2.367
1.520	-2.381
1.604	-2.394
1.689	-2.405
1.773	-2.416
1.858	-2.426
1.942	-2.434
2.027	-2.442
2.111	-2.449
2.196	-2.454
2.280	-3.144
2.364	-2.538
2.449	-1.134
2.533	-0.944
2.618	-0.811
2.702	-0.715
2.787	-0.645
2.871	-0.592
2.956	-0.549
3.040	-0.515
3.124	-0.487
3.209	-0.462
3.293	-0.441
3.378	-0.422
3.462	-0.405
3.547	-0.390
3.631	-0.376
3.716	-0.363
3.800	-0.352
3.884	-0.341
3.969	-0.331
4.053	-0.322
4.138	-0.313
4.222	-0.305
4.307	-0.297
4.391	-0.290
4.476	-0.284
4.560	-0.278
4.644	-0.272

4.729	-0.266
4.813	-0.261
4.898	-0.256
4.982	-0.251
5.067	-0.247
5.151	-0.243
5.236	-0.239
5.320	-0.235
5.404	-0.233
53.404	-0.053
125.404	-0.024
245.404	-0.005
341.404	0.000
365.404	0.000
485.404	0.000
605.404	0.000
725.404	0.000

Name: Hyd-2hr

Node: Node301

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	-0.000
0.427	-0.009
0.533	-0.034
0.640	-0.057
0.747	-0.080
0.853	-0.122
0.960	-0.178
1.067	-0.242
1.173	-0.307
1.280	-0.364
1.387	-0.390
1.493	-0.391
1.600	-0.391
1.707	-0.391
1.813	-0.391
1.920	-0.391
2.027	-0.391
2.133	-1.415
2.240	-1.558
2.347	-0.598
2.453	-0.457
2.560	-0.355
2.667	-0.283
2.773	-0.234
2.880	-0.200
2.987	-0.176
3.093	-0.160
3.200	-0.147
3.307	-0.138
3.413	-0.131
3.520	-0.125
3.627	-0.120
3.733	-0.116
3.840	-0.113
3.947	-0.110
4.053	-0.107
4.160	-0.104
4.267	-0.102
4.373	-0.100

4.480	-0.098
4.587	-0.097
4.693	-0.095
4.800	-0.094
4.907	-0.093
5.013	-0.092
5.120	-0.091
5.227	-0.090
5.333	-0.090
5.440	-0.089
5.547	-0.088
5.653	-0.086
5.760	-0.085
5.867	-0.083
5.973	-0.081
6.080	-0.079
6.187	-0.078
6.293	-0.077
126.293	-0.004
246.293	-0.000
342.293	0.000
366.293	0.000
486.293	0.000
606.293	0.000
726.293	0.000

Name: Hyd-4hr

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	-0.001
0.844	-0.004
0.929	-0.018
1.013	-0.053
1.098	-0.133
1.182	-0.279
1.267	-0.508
1.351	-0.822
1.436	-1.204
1.520	-1.643
1.604	-2.070
1.689	-2.263
1.773	-2.264
1.858	-2.268
1.942	-2.273
2.027	-2.280
2.111	-2.289
2.196	-2.300
2.280	-2.313
2.364	-2.327
2.449	-2.341
2.533	-2.356
2.618	-2.372
2.702	-2.388
2.787	-2.404

2.871	-2.420
2.956	-2.435
3.040	-2.450
3.124	-2.464
3.209	-2.068
3.293	-1.504
3.378	-1.233
3.462	-1.046
3.547	-0.916
3.631	-0.823
3.716	-0.754
3.800	-0.703
3.884	-0.662
3.969	-0.628
4.053	-0.599
4.138	-0.574
4.222	-0.552
4.307	-0.532
4.391	-0.513
4.476	-0.496
4.560	-0.479
4.644	-0.464
4.729	-0.450
4.813	-0.436
4.898	-0.424
4.982	-0.412
5.067	-0.401
5.151	-0.390
5.236	-0.380
5.320	-0.371
5.404	-0.362
5.489	-0.354
5.573	-0.346
5.658	-0.338
5.742	-0.331
5.827	-0.325
5.911	-0.318
5.996	-0.312
6.080	-0.306
6.164	-0.301
6.249	-0.296
6.333	-0.291
6.418	-0.286
6.502	-0.281
6.587	-0.277
6.671	-0.273
6.756	-0.269
6.840	-0.265
6.924	-0.262
7.009	-0.258
7.093	-0.255
7.178	-0.251
7.262	-0.248
7.347	-0.245
7.431	-0.244
55.431	-0.063
127.431	-0.032
247.431	-0.018
343.431	-0.014
367.431	-0.012
487.431	-0.002
607.431	0.000
727.431	0.000

Name: Hyd-4hr		Node: Node301	Type: Flow
Time(hrs)	Flow(cfs)		
-----	-----		
0.000	0.000		
0.107	0.000		
0.213	0.000		
0.320	0.000		
0.427	0.000		
0.533	0.000		
0.640	0.000		
0.747	0.000		
0.853	0.000		
0.960	0.000		
1.067	-0.000		
1.173	-0.001		
1.280	-0.010		
1.387	-0.033		
1.493	-0.051		
1.600	-0.061		
1.707	-0.083		
1.813	-0.115		
1.920	-0.155		
2.027	-0.202		
2.133	-0.252		
2.240	-0.306		
2.347	-0.357		
2.453	-0.387		
2.560	-0.391		
2.667	-0.391		
2.773	-0.391		
2.880	-0.391		
2.987	-0.391		
3.093	-0.391		
3.200	-1.964		
3.307	-2.209		
3.413	-0.770		
3.520	-0.575		
3.627	-0.432		
3.733	-0.330		
3.840	-0.257		
3.947	-0.204		
4.053	-0.166		
4.160	-0.139		
4.267	-0.119		
4.373	-0.103		
4.480	-0.090		
4.587	-0.081		
4.693	-0.076		
4.800	-0.074		
4.907	-0.073		
5.013	-0.073		
5.120	-0.073		
5.227	-0.073		
5.333	-0.074		
5.440	-0.074		
5.547	-0.075		
5.653	-0.075		
5.760	-0.075		
5.867	-0.075		
5.973	-0.075		
6.080	-0.076		
6.187	-0.076		
6.293	-0.076		
6.400	-0.076		

6.507	-0.076
6.613	-0.076
6.720	-0.076
6.827	-0.076
6.933	-0.076
7.040	-0.077
7.147	-0.077
7.253	-0.077
7.360	-0.077
7.467	-0.076
7.573	-0.075
7.680	-0.073
7.787	-0.072
7.893	-0.071
8.000	-0.070
8.107	-0.069
8.213	-0.068
8.320	-0.067
128.320	-0.004
248.320	-0.000
344.320	0.000
368.320	0.000
488.320	0.000
608.320	0.000
728.320	0.000

Name: Hyd-4hr

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000
0.287	0.000
0.382	0.000
0.478	0.000
0.573	0.000
0.669	0.000
0.764	0.000
0.860	0.000
0.956	0.000
1.051	0.000
1.147	-0.000
1.242	-0.004
1.338	-0.017
1.433	-0.037
1.529	-0.050
1.624	-0.060
1.720	-0.082
1.816	-0.113
1.911	-0.151
2.007	-0.196
2.102	-0.245
2.198	-0.296
2.293	-0.348
2.389	-0.376
2.484	-0.377
2.580	-0.377
2.676	-0.377
2.771	-0.377
2.867	-0.377
2.962	-0.377
3.058	-0.377
3.153	-0.377

3.249	-0.377
3.344	-0.377
3.440	-0.377
3.536	-0.377
3.631	-0.377
3.727	-0.377
3.822	-0.377
3.918	-0.377
4.013	-0.377
4.109	-1.285
4.204	-1.471
4.300	-0.681
4.396	-0.559
4.491	-0.467
4.587	-0.400
4.682	-0.350
4.778	-0.313
4.873	-0.286
4.969	-0.264
5.064	-0.247
5.160	-0.233
5.256	-0.222
5.351	-0.213
5.447	-0.204
5.542	-0.198
5.638	-0.192
5.733	-0.186
5.829	-0.182
5.924	-0.178
6.020	-0.174
6.116	-0.171
6.211	-0.168
6.307	-0.166
6.402	-0.164
6.498	-0.162
6.593	-0.158
6.689	-0.154
6.784	-0.150
6.880	-0.147
6.976	-0.143
7.071	-0.140
7.167	-0.136
7.262	-0.133
7.358	-0.130
7.453	-0.128
7.549	-0.125
7.644	-0.122
7.740	-0.120
7.836	-0.119
127.836	-0.003
247.836	0.000
343.836	0.000
367.836	0.000
487.836	0.000
607.836	0.000
727.836	0.000

Name: Hyd-4hr

Node: Node308

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000

0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	-0.000
0.644	-0.000
0.667	-0.000
0.689	-0.001
0.711	-0.004
0.733	-0.008
0.756	-0.014
0.778	-0.022
0.800	-0.033
0.822	-0.044
0.844	-0.056
0.867	-0.062
0.889	-0.062
0.911	-0.063
0.933	-0.064
0.956	-0.066
0.978	-0.068
1.000	-0.070
1.022	-0.073
1.044	-0.076
1.067	-0.080
1.089	-0.084
1.111	-0.089
1.133	-0.095
1.156	-0.101
1.178	-0.108
1.200	-0.115
1.222	-0.123
1.244	-0.130
1.267	-0.138
1.289	-0.145
1.311	-0.153
1.333	-0.161
1.356	-0.168
1.378	-0.176
1.400	-0.184
1.422	-0.192
1.444	-0.199
1.467	-0.207
1.489	-0.214

1.511	-0.222
1.533	-0.229
1.556	-0.236
1.578	-0.244
1.600	-0.252
1.622	-0.260
1.644	-0.268
1.667	-0.277
1.689	-0.286
1.711	-0.295
1.733	-0.304
1.756	-0.313
1.778	-0.322
1.800	-0.331
1.822	-0.340
1.844	-0.349
1.867	-0.358
1.889	-0.367
1.911	-0.375
1.933	-0.384
1.956	-0.393
1.978	-0.401
2.000	-0.409
2.022	-0.418
2.044	-0.426
2.067	-0.434
2.089	-0.441
2.111	-0.449
2.133	-0.456
2.156	-0.463
2.178	-0.470
2.200	-0.476
2.222	-0.483
2.244	-0.489
2.267	-0.492
2.289	-0.492
2.311	-0.492
2.333	-0.492
2.356	-0.492
2.378	-0.492
2.400	-0.835
2.422	-0.979
2.444	-0.757
2.467	-0.712
2.489	-0.671
2.511	-0.633
2.533	-0.599
2.556	-0.567
2.578	-0.537
2.600	-0.509
2.622	-0.484
2.644	-0.461
2.667	-0.439
2.689	-0.420
2.711	-0.403
2.733	-0.387
2.756	-0.372
2.778	-0.359
2.800	-0.347
2.822	-0.336
2.844	-0.325
2.867	-0.316
2.889	-0.307
2.911	-0.299
2.933	-0.292

2.956	-0.285
2.978	-0.278
3.000	-0.272
3.022	-0.266
3.044	-0.259
3.067	-0.252
3.089	-0.244
3.111	-0.236
3.133	-0.229
3.156	-0.222
3.178	-0.216
3.200	-0.210
3.222	-0.204
3.244	-0.200
3.267	-0.195
3.289	-0.191
3.311	-0.187
3.333	-0.184
3.356	-0.181
3.378	-0.178
3.400	-0.175
3.422	-0.172
3.444	-0.170
3.467	-0.167
3.489	-0.165
3.511	-0.163
3.533	-0.161
3.556	-0.159
3.578	-0.156
3.600	-0.154
3.622	-0.151
3.644	-0.149
3.667	-0.146
3.689	-0.144
3.711	-0.142
3.733	-0.140
3.756	-0.139
3.778	-0.137
3.800	-0.136
3.822	-0.134
3.844	-0.133
3.867	-0.132
3.889	-0.131
3.911	-0.130
3.933	-0.129
3.956	-0.128
3.978	-0.127
4.000	-0.126
4.022	-0.125
4.044	-0.124
4.067	-0.123
4.089	-0.121
4.111	-0.120
4.133	-0.119
4.156	-0.117
4.178	-0.116
4.200	-0.115
4.222	-0.114
4.244	-0.113
4.267	-0.112
4.289	-0.111
4.311	-0.110
4.333	-0.109
4.356	-0.109
4.378	-0.108

4.400	-0.107
4.422	-0.107
4.444	-0.106
4.467	-0.105
4.489	-0.105
4.511	-0.104
4.533	-0.103
4.556	-0.103
4.578	-0.102
4.600	-0.102
4.622	-0.101
4.644	-0.101
4.667	-0.100
4.689	-0.100
4.711	-0.099
4.733	-0.099
4.756	-0.099
4.778	-0.098
4.800	-0.098
4.822	-0.098
4.844	-0.097
4.867	-0.097
4.889	-0.096
4.911	-0.096
124.911	-0.003
244.911	-0.001
340.911	-0.000
364.911	0.000
484.911	0.000
604.911	0.000
724.911	0.000

Name: Hyd-8hr

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	0.000
0.844	0.000
0.929	0.000
1.013	0.000
1.098	0.000
1.182	0.000
1.267	0.000
1.351	0.000
1.436	0.000
1.520	-0.000
1.604	-0.002
1.689	-0.008
1.773	-0.022
1.858	-0.049
1.942	-0.090
2.027	-0.149
2.111	-0.225
2.196	-0.320
2.280	-0.437

2.364	-0.571
2.449	-0.719
2.533	-0.872
2.618	-1.029
2.702	-1.184
2.787	-1.338
2.871	-1.489
2.956	-1.644
3.040	-1.835
3.124	-2.104
3.209	-2.263
3.293	-2.264
3.378	-2.266
3.462	-2.271
3.547	-2.277
3.631	-2.286
3.716	-2.297
3.800	-2.310
3.884	-2.324
3.969	-2.339
4.053	-2.356
4.138	-2.374
4.222	-2.392
4.307	-2.410
4.391	-2.427
4.476	-2.020
4.560	-1.444
4.644	-1.182
4.729	-1.010
4.813	-0.892
4.898	-0.809
4.982	-0.751
5.067	-0.708
5.151	-0.676
5.236	-0.649
5.320	-0.627
5.404	-0.607
5.489	-0.589
5.573	-0.572
5.658	-0.556
5.742	-0.542
5.827	-0.529
5.911	-0.517
5.996	-0.506
6.080	-0.497
6.164	-0.492
6.249	-0.488
6.333	-0.484
6.418	-0.477
6.502	-0.469
6.587	-0.461
6.671	-0.453
6.756	-0.445
6.840	-0.437
6.924	-0.430
7.009	-0.422
7.093	-0.415
7.178	-0.407
7.262	-0.400
7.347	-0.392
7.431	-0.384
7.516	-0.376
7.600	-0.369
7.684	-0.362
7.769	-0.355

7.853	-0.349
7.938	-0.343
8.022	-0.338
8.107	-0.332
8.191	-0.326
8.276	-0.319
8.360	-0.312
8.444	-0.305
8.529	-0.298
8.613	-0.291
8.698	-0.285
8.782	-0.279
8.867	-0.274
8.951	-0.269
9.036	-0.264
9.120	-0.260
9.204	-0.256
9.289	-0.252
9.373	-0.249
9.458	-0.245
9.542	-0.242
9.627	-0.239
9.711	-0.236
9.796	-0.233
9.880	-0.231
9.964	-0.228
10.049	-0.226
10.133	-0.224
10.218	-0.221
10.302	-0.219
10.387	-0.217
10.471	-0.215
10.556	-0.214
10.640	-0.212
10.724	-0.210
10.809	-0.208
10.893	-0.207
10.978	-0.205
11.062	-0.204
11.147	-0.202
11.231	-0.201
11.316	-0.199
11.400	-0.198
59.400	-0.028
131.400	-0.035
251.400	-0.020
347.400	-0.016
371.400	-0.015
491.400	-0.009
611.400	-0.003
731.400	0.000

Name: Hyd-8hr

Node: Node301

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	0.000
0.427	0.000
0.533	0.000
0.640	0.000
0.747	0.000

0.853	0.000
0.960	0.000
1.067	0.000
1.173	0.000
1.280	0.000
1.387	0.000
1.493	0.000
1.600	0.000
1.707	0.000
1.813	0.000
1.920	0.000
2.027	0.000
2.133	0.000
2.240	0.000
2.347	0.000
2.453	0.000
2.560	0.000
2.667	0.000
2.773	0.000
2.880	0.000
2.987	0.000
3.093	0.000
3.200	0.000
3.307	0.000
3.413	0.000
3.520	0.000
3.627	0.000
3.733	0.000
3.840	0.000
3.947	0.000
4.053	0.000
4.160	0.000
4.267	0.000
4.373	0.000
4.480	0.000
4.587	0.000
4.693	0.000
4.800	0.000
4.907	0.000
5.013	0.000
5.120	0.000
5.227	0.000
5.333	0.000
5.440	0.000
5.547	0.000
5.653	0.000
5.760	0.000
5.867	0.000
5.973	0.000
6.080	0.000
6.187	0.000
6.293	0.000
6.400	0.000
6.507	0.000
6.613	0.000
6.720	0.000
6.827	0.000
6.933	0.000
7.040	0.000
7.147	0.000
7.253	0.000
7.360	0.000
7.467	0.000
7.573	0.000
7.680	0.000

7.787	0.000
7.893	0.000
8.000	0.000
8.107	0.000
8.213	0.000
8.320	0.000
8.427	0.000
8.533	0.000
8.640	0.000
8.747	0.000
8.853	0.000
8.960	0.000
9.067	0.000
9.173	0.000
9.280	0.000
9.387	0.000
9.493	0.000
9.600	0.000
9.707	0.000
9.813	0.000
9.920	0.000
10.027	0.000
10.133	0.000
10.240	0.000
10.347	0.000
10.453	0.000
10.560	0.000
10.667	0.000
10.773	0.000
10.880	0.000
10.987	0.000
11.093	0.000
11.200	0.000
11.307	0.000
11.413	0.000
11.520	0.000
11.627	0.000
11.733	0.000
11.840	0.000
11.947	0.000
12.053	0.000
12.160	0.000
12.267	0.000
12.373	0.000
12.480	0.000
12.587	0.000
12.693	0.000
12.800	0.000
12.907	0.000
13.013	0.000
13.120	0.000
13.227	0.000
13.333	0.000
13.440	0.000
13.547	0.000
13.653	0.000
13.760	0.000
13.867	0.000
13.973	0.000
14.080	0.000
14.187	0.000
14.293	0.000
14.400	0.000
14.507	0.000
14.613	0.000

14.720	0.000
14.827	0.000
14.933	0.000
15.040	0.000
15.147	0.000
15.253	0.000
15.360	0.000
15.467	0.000
15.573	0.000
15.680	0.000
15.787	0.000
15.893	0.000
16.000	0.000
16.107	0.000
16.213	0.000
16.320	0.000
16.427	0.000
16.533	0.000
16.640	0.000
16.747	0.000
16.853	0.000
16.960	0.000
17.067	0.000
17.173	0.000
17.280	0.000
17.387	0.000
17.493	0.000
17.600	0.000
17.707	0.000
17.813	0.000
17.920	0.000
18.027	0.000
18.133	0.000
18.240	0.000
18.347	0.000
18.453	0.000
18.560	0.000
18.667	0.000
18.773	0.000
18.880	0.000
18.987	0.000
19.093	0.000
19.200	0.000
19.307	0.000
19.413	0.000
19.520	0.000
19.627	0.000
19.733	0.000
19.840	0.000
19.947	0.000
20.053	0.000
20.160	0.000
20.267	0.000
20.373	0.000
20.480	0.000
20.587	0.000
20.693	0.000
20.800	0.000
20.907	0.000
21.013	0.000
21.120	0.000
21.227	0.000
21.333	0.000
21.440	0.000
21.547	0.000

21.653	0.000
21.760	0.000
21.867	0.000
21.973	0.000
22.080	0.000
22.187	0.000
22.293	0.000
22.400	0.000
22.507	0.000
22.613	0.000
22.720	0.000
22.827	0.000
22.933	-0.000
23.040	-0.000
23.147	-0.000
23.253	-0.000
23.360	-0.000
23.467	-0.000
23.573	-0.000
23.680	-0.001
23.787	-0.001
23.893	-0.001
24.000	-0.001
24.107	-0.002
24.213	-0.002
24.320	-0.002
24.427	-0.003
24.533	-0.003
24.640	-0.004
24.747	-0.004
24.853	-0.005
24.960	-0.006
25.067	-0.006
25.173	-0.007
25.280	-0.007
25.387	-0.008
25.493	-0.009
25.600	-0.009
25.707	-0.010
25.813	-0.010
25.920	-0.011
26.027	-0.012
26.133	-0.012
26.240	-0.013
26.347	-0.014
26.453	-0.014
26.560	-0.015
26.667	-0.016
26.773	-0.016
26.880	-0.017
26.987	-0.017
27.093	-0.018
27.200	-0.019
27.307	-0.019
27.413	-0.020
27.520	-0.021
27.627	-0.021
27.733	-0.022
27.840	-0.022
27.947	-0.023
28.053	-0.024
28.160	-0.024
28.267	-0.025
28.373	-0.026
28.480	-0.026

28.587	-0.027
28.693	-0.027
28.800	-0.028
28.907	-0.029
29.013	-0.029
29.120	-0.030
29.227	-0.030
29.333	-0.031
29.440	-0.032
29.547	-0.032
29.653	-0.033
29.760	-0.033
29.867	-0.034
29.973	-0.034
30.080	-0.035
30.187	-0.036
30.293	-0.036
30.400	-0.037
30.507	-0.037
30.613	-0.038
30.720	-0.038
30.827	-0.039
30.933	-0.039
31.040	-0.040
31.147	-0.041
31.253	-0.041
31.360	-0.042
31.467	-0.042
31.573	-0.043
31.680	-0.043
31.787	-0.044
31.893	-0.044
32.000	-0.045
32.107	-0.047
32.213	-0.049
32.320	-0.050
32.427	-0.053
32.533	-0.057
32.640	-0.062
32.747	-0.069
32.853	-0.075
32.960	-0.082
33.067	-0.089
33.173	-0.096
33.280	-0.103
33.387	-0.109
33.493	-0.116
33.600	-0.122
33.707	-0.128
33.813	-0.134
33.920	-0.140
34.027	-0.146
34.133	-0.152
34.240	-0.157
34.347	-0.163
34.453	-0.169
34.560	-0.174
34.667	-0.179
34.773	-0.381
34.880	-0.444
34.987	-0.279
35.093	-0.231
35.200	-0.201
35.307	-0.183
35.413	-0.170

35.520	-0.162
35.627	-0.156
35.733	-0.151
35.840	-0.148
35.947	-0.145
36.053	-0.143
36.160	-0.142
36.267	-0.141
36.373	-0.140
36.480	-0.139
36.587	-0.138
36.693	-0.138
36.800	-0.137
36.907	-0.137
37.013	-0.137
37.120	-0.137
37.227	-0.137
37.333	-0.137
37.440	-0.137
37.547	-0.137
37.653	-0.137
37.760	-0.137
37.867	-0.137
37.973	-0.137
38.080	-0.139
38.187	-0.148
38.293	-0.158
38.400	-0.160
38.507	-0.155
38.613	-0.149
38.720	-0.143
38.827	-0.137
38.933	-0.132
39.040	-0.127
39.147	-0.123
39.253	-0.119
39.360	-0.116
39.467	-0.113
39.573	-0.110
39.680	-0.108
39.787	-0.106
39.893	-0.104
40.000	-0.102
40.107	-0.100
40.213	-0.096
40.320	-0.091
40.427	-0.085
40.533	-0.079
40.640	-0.074
40.747	-0.071
40.853	-0.069
40.960	-0.068
41.067	-0.067
41.173	-0.067
41.280	-0.067
41.387	-0.067
41.493	-0.066
41.600	-0.066
41.707	-0.066
41.813	-0.066
41.920	-0.066
42.027	-0.066
42.133	-0.066
42.240	-0.066
42.347	-0.065

42.453	-0.065
42.560	-0.065
42.667	-0.065
42.773	-0.065
42.880	-0.064
42.987	-0.064
43.093	-0.064
43.200	-0.064
43.307	-0.064
43.413	-0.063
43.520	-0.063
43.627	-0.063
43.733	-0.063
43.840	-0.063
43.947	-0.062
44.053	-0.062
44.160	-0.062
44.267	-0.062
44.373	-0.062
44.480	-0.061
44.587	-0.061
44.693	-0.061
44.800	-0.061
44.907	-0.060
45.013	-0.060
45.120	-0.060
45.227	-0.060
45.333	-0.059
45.440	-0.059
45.547	-0.059
45.653	-0.059
45.760	-0.058
45.867	-0.058
45.973	-0.058
46.080	-0.058
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46.293	-0.057
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46.933	-0.056
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47.147	-0.055
47.253	-0.055
47.360	-0.055
47.467	-0.055
47.573	-0.054
47.680	-0.054
47.787	-0.054
47.893	-0.054
48.000	-0.054
48.107	-0.053
48.213	-0.053
48.320	-0.054
48.427	-0.054
48.533	-0.054
48.640	-0.055
48.747	-0.055
48.853	-0.055
48.960	-0.055
49.067	-0.055
49.173	-0.055
49.280	-0.055

49.387	-0.054
49.493	-0.054
49.600	-0.054
49.707	-0.054
49.813	-0.053
49.920	-0.053
50.027	-0.053
50.133	-0.052
50.240	-0.052
50.347	-0.052
50.453	-0.052
50.560	-0.051
50.667	-0.051
50.773	-0.051
50.880	-0.051
50.987	-0.050
51.093	-0.050
51.200	-0.050
51.307	-0.050
51.413	-0.050
51.520	-0.049
51.627	-0.049
51.733	-0.049
51.840	-0.049
51.947	-0.049
52.053	-0.048
52.160	-0.048
52.267	-0.048
52.373	-0.048
52.480	-0.048
52.587	-0.048
52.693	-0.047
52.800	-0.047
52.907	-0.047
53.013	-0.047
53.120	-0.047
53.227	-0.047
53.333	-0.047
53.440	-0.046
53.547	-0.046
53.653	-0.046
53.760	-0.046
53.867	-0.046
53.973	-0.046
54.080	-0.046
54.187	-0.045
54.293	-0.045
54.400	-0.045
54.507	-0.045
54.613	-0.045
54.720	-0.045
54.827	-0.045
54.933	-0.045
55.040	-0.044
55.147	-0.044
55.253	-0.044
55.360	-0.044
55.467	-0.044
55.573	-0.044
55.680	-0.044
55.787	-0.044
55.893	-0.044
56.000	-0.043
56.107	-0.043
56.213	-0.043

56.320	-0.043
56.427	-0.043
56.533	-0.043
56.640	-0.043
56.747	-0.043
56.853	-0.043
56.960	-0.043
57.067	-0.042
57.173	-0.042
57.280	-0.042
57.387	-0.042
57.493	-0.042
57.600	-0.042
57.707	-0.042
57.813	-0.042
57.920	-0.042
58.027	-0.042
58.133	-0.042
58.240	-0.041
58.347	-0.041
58.453	-0.041
58.560	-0.041
58.667	-0.041
58.773	-0.041
58.880	-0.041
58.987	-0.041
59.093	-0.041
59.200	-0.041
59.307	-0.041
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59.627	-0.040
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59.840	-0.040
59.947	-0.040
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60.160	-0.040
60.267	-0.040
60.373	-0.040
60.480	-0.040
60.587	-0.040
60.693	-0.039
60.800	-0.039
60.907	-0.039
61.013	-0.039
61.120	-0.039
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61.547	-0.039
61.653	-0.039
61.760	-0.039
61.867	-0.039
61.973	-0.039
62.080	-0.039
62.187	-0.038
62.293	-0.038
62.400	-0.038
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62.613	-0.038
62.720	-0.038
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67.520	-0.035
67.627	-0.035
67.733	-0.035
67.840	-0.035
67.947	-0.035
68.053	-0.035
68.160	-0.035
68.267	-0.035
68.373	-0.035
68.480	-0.035
68.587	-0.035
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69.333	-0.035
69.440	-0.034
69.547	-0.034
69.653	-0.034
69.760	-0.034
69.867	-0.034
69.973	-0.034
70.080	-0.034

70.187	-0.034
70.293	-0.034
70.400	-0.034
70.507	-0.034
70.613	-0.034
70.720	-0.034
70.827	-0.034
70.933	-0.034
71.040	-0.034
71.147	-0.034
71.253	-0.034
71.360	-0.034
71.467	-0.034
71.573	-0.034
71.680	-0.033
71.787	-0.033
71.893	-0.033
72.000	-0.033
72.107	-0.033
72.213	-0.032
72.320	-0.031
72.427	-0.030
72.533	-0.028
72.640	-0.027
72.747	-0.026
72.853	-0.026
72.960	-0.026
73.067	-0.026
73.173	-0.026
73.280	-0.026
73.387	-0.026
73.493	-0.026
73.600	-0.026
73.707	-0.026
73.813	-0.027
73.920	-0.027
74.027	-0.027
74.133	-0.027
74.240	-0.027
74.347	-0.027
74.453	-0.027
74.560	-0.028
74.667	-0.028
74.773	-0.028
74.880	-0.028
74.987	-0.028
75.093	-0.028
75.200	-0.028
75.307	-0.028
75.413	-0.028
75.520	-0.028
75.627	-0.028
75.733	-0.029
75.840	-0.029
75.947	-0.029
76.053	-0.029
76.160	-0.029
76.267	-0.029
76.373	-0.029
76.480	-0.029
76.587	-0.029
76.693	-0.029
76.800	-0.029
76.907	-0.029
77.013	-0.029

77.120	-0.029
77.227	-0.029
77.333	-0.029
77.440	-0.029
77.547	-0.029
77.653	-0.029
77.760	-0.029
77.867	-0.029
77.973	-0.029
78.080	-0.029
78.187	-0.029
78.293	-0.029
78.400	-0.029
78.507	-0.029
78.613	-0.029
78.720	-0.029
78.827	-0.029
78.933	-0.029
79.040	-0.029
79.147	-0.029
79.253	-0.029
79.360	-0.029
79.467	-0.029
79.573	-0.029
79.680	-0.029
79.787	-0.029
79.893	-0.029
80.000	-0.029
80.107	-0.029
80.213	-0.029
80.320	-0.029
80.427	-0.029
80.533	-0.029
80.640	-0.029
80.747	-0.029
80.853	-0.029
80.960	-0.029
81.067	-0.029
81.173	-0.029
81.280	-0.029
81.387	-0.029
81.493	-0.029
81.600	-0.029
81.707	-0.029
81.813	-0.029
81.920	-0.029
82.027	-0.029
82.133	-0.029
82.240	-0.028
82.347	-0.028
82.453	-0.028
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82.667	-0.028
82.773	-0.028
82.880	-0.028
82.987	-0.028
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83.200	-0.028
83.307	-0.028
83.413	-0.028
83.520	-0.028
83.627	-0.028
83.733	-0.028
83.840	-0.028
83.947	-0.028

84.053	-0.028
84.160	-0.028
84.267	-0.028
84.373	-0.028
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170.880	-0.009
170.987	-0.009
171.093	-0.009
171.200	-0.009
171.307	-0.009
171.413	-0.010
171.520	-0.010
171.627	-0.010
171.733	-0.010
171.840	-0.010
171.947	-0.011
172.053	-0.011
172.160	-0.011
172.267	-0.011
172.373	-0.011
292.373	-0.003
412.373	-0.001
508.373	-0.001
532.373	-0.000
652.373	-0.000
772.373	0.000
892.373	0.000

Name: Hyd-8hr

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000

0.287	0.000
0.382	0.000
0.478	0.000
0.573	0.000
0.669	0.000
0.764	0.000
0.860	0.000
0.956	0.000
1.051	0.000
1.147	0.000
1.242	0.000
1.338	0.000
1.433	0.000
1.529	0.000
1.624	0.000
1.720	0.000
1.816	0.000
1.911	0.000
2.007	0.000
2.102	0.000
2.198	-0.000
2.293	-0.000
2.389	-0.002
2.484	-0.008
2.580	-0.022
2.676	-0.039
2.771	-0.048
2.867	-0.054
2.962	-0.064
3.058	-0.079
3.153	-0.097
3.249	-0.120
3.344	-0.150
3.440	-0.186
3.536	-0.228
3.631	-0.275
3.727	-0.326
3.822	-0.364
3.918	-0.377
4.013	-0.377
4.109	-0.377
4.204	-0.377
4.300	-0.377
4.396	-0.377
4.491	-0.377
4.587	-0.377
4.682	-0.377
4.778	-0.377
4.873	-0.377
4.969	-0.377
5.064	-0.377
5.160	-0.377
5.256	-0.377
5.351	-0.377
5.447	-0.377
5.542	-1.453
5.638	-1.652
5.733	-0.708
5.829	-0.592
5.924	-0.504
6.020	-0.440
6.116	-0.391
6.211	-0.353
6.307	-0.322
6.402	-0.297

6.498	-0.276
6.593	-0.260
6.689	-0.246
6.784	-0.235
6.880	-0.227
6.976	-0.219
7.071	-0.212
7.167	-0.204
7.262	-0.196
7.358	-0.187
7.453	-0.179
7.549	-0.172
7.644	-0.167
7.740	-0.163
7.836	-0.161
7.931	-0.159
8.027	-0.156
8.122	-0.153
8.218	-0.148
8.313	-0.140
8.409	-0.132
8.504	-0.124
8.600	-0.119
8.696	-0.115
8.791	-0.114
8.887	-0.113
8.982	-0.112
9.078	-0.112
9.173	-0.112
9.269	-0.112
9.364	-0.112
9.460	-0.112
9.556	-0.112
9.651	-0.112
9.747	-0.111
9.842	-0.111
9.938	-0.111
10.033	-0.110
10.129	-0.110
10.224	-0.110
10.320	-0.110
10.416	-0.109
10.511	-0.109
10.607	-0.107
10.702	-0.106
10.798	-0.104
10.893	-0.102
10.989	-0.101
11.084	-0.099
11.180	-0.098
11.276	-0.097
11.371	-0.095
11.467	-0.094
11.562	-0.093
11.658	-0.092
11.753	-0.090
11.849	-0.090
131.849	-0.003
251.849	0.000
347.849	0.000
371.849	0.000
491.849	0.000
611.849	0.000
731.849	0.000

Name: Hyd-8hr		Node: Node308	Type: Flow
Time(hrs)	Flow(cfs)		
0.000	0.000		
0.022	0.000		
0.044	0.000		
0.067	0.000		
0.089	0.000		
0.111	0.000		
0.133	0.000		
0.156	0.000		
0.178	0.000		
0.200	0.000		
0.222	0.000		
0.244	0.000		
0.267	0.000		
0.289	0.000		
0.311	0.000		
0.333	0.000		
0.356	0.000		
0.378	0.000		
0.400	0.000		
0.422	0.000		
0.444	0.000		
0.467	0.000		
0.489	0.000		
0.511	0.000		
0.533	0.000		
0.556	0.000		
0.578	0.000		
0.600	0.000		
0.622	0.000		
0.644	0.000		
0.667	0.000		
0.689	0.000		
0.711	0.000		
0.733	0.000		
0.756	0.000		
0.778	0.000		
0.800	0.000		
0.822	0.000		
0.844	0.000		
0.867	0.000		
0.889	0.000		
0.911	0.000		
0.933	0.000		
0.956	0.000		
0.978	0.000		
1.000	0.000		
1.022	0.000		
1.044	0.000		
1.067	0.000		
1.089	0.000		
1.111	0.000		
1.133	0.000		
1.156	0.000		
1.178	0.000		
1.200	0.000		
1.222	0.000		
1.244	0.000		
1.267	0.000		
1.289	0.000		
1.311	0.000		

1.333	-0.000
1.356	-0.000
1.378	-0.000
1.400	-0.001
1.422	-0.003
1.444	-0.005
1.467	-0.009
1.489	-0.013
1.511	-0.019
1.533	-0.024
1.556	-0.031
1.578	-0.037
1.600	-0.044
1.622	-0.051
1.644	-0.058
1.667	-0.062
1.689	-0.062
1.711	-0.062
1.733	-0.063
1.756	-0.064
1.778	-0.065
1.800	-0.066
1.822	-0.068
1.844	-0.069
1.867	-0.071
1.889	-0.073
1.911	-0.075
1.933	-0.077
1.956	-0.079
1.978	-0.081
2.000	-0.084
2.022	-0.086
2.044	-0.089
2.067	-0.091
2.089	-0.094
2.111	-0.097
2.133	-0.100
2.156	-0.103
2.178	-0.107
2.200	-0.110
2.222	-0.114
2.244	-0.118
2.267	-0.121
2.289	-0.125
2.311	-0.129
2.333	-0.132
2.356	-0.136
2.378	-0.140
2.400	-0.144
2.422	-0.147
2.444	-0.151
2.467	-0.155
2.489	-0.159
2.511	-0.162
2.533	-0.166
2.556	-0.170
2.578	-0.173
2.600	-0.177
2.622	-0.180
2.644	-0.184
2.667	-0.187
2.689	-0.191
2.711	-0.194
2.733	-0.197
2.756	-0.201

2.778	-0.204
2.800	-0.207
2.822	-0.211
2.844	-0.214
2.867	-0.217
2.889	-0.220
2.911	-0.224
2.933	-0.227
2.956	-0.230
2.978	-0.233
3.000	-0.236
3.022	-0.239
3.044	-0.242
3.067	-0.246
3.089	-0.250
3.111	-0.255
3.133	-0.260
3.156	-0.267
3.178	-0.274
3.200	-0.282
3.222	-0.289
3.244	-0.298
3.267	-0.306
3.289	-0.314
3.311	-0.323
3.333	-0.332
3.356	-0.340
3.378	-0.349
3.400	-0.357
3.422	-0.366
3.444	-0.374
3.467	-0.383
3.489	-0.391
3.511	-0.399
3.533	-0.407
3.556	-0.415
3.578	-0.423
3.600	-0.431
3.622	-0.439
3.644	-0.447
3.667	-0.455
3.689	-0.711
3.711	-0.829
3.733	-0.674
3.756	-0.637
3.778	-0.608
3.800	-0.589
3.822	-0.571
3.844	-0.553
3.867	-0.534
3.889	-0.517
3.911	-0.500
3.933	-0.484
3.956	-0.469
3.978	-0.455
4.000	-0.442
4.022	-0.428
4.044	-0.415
4.067	-0.400
4.089	-0.384
4.111	-0.368
4.133	-0.352
4.156	-0.338
4.178	-0.325
4.200	-0.312

4.222	-0.301
4.244	-0.291
4.267	-0.282
4.289	-0.273
4.311	-0.265
4.333	-0.258
4.356	-0.251
4.378	-0.245
4.400	-0.239
4.422	-0.233
4.444	-0.228
4.467	-0.224
4.489	-0.219
4.511	-0.215
4.533	-0.211
4.556	-0.208
4.578	-0.204
4.600	-0.201
4.622	-0.198
4.644	-0.196
4.667	-0.193
4.689	-0.190
4.711	-0.188
4.733	-0.186
4.756	-0.184
4.778	-0.182
4.800	-0.180
4.822	-0.178
4.844	-0.176
4.867	-0.175
4.889	-0.173
4.911	-0.172
4.933	-0.170
4.956	-0.169
4.978	-0.167
5.000	-0.166
5.022	-0.164
5.044	-0.162
5.067	-0.160
5.089	-0.157
5.111	-0.153
5.133	-0.150
5.156	-0.147
5.178	-0.144
5.200	-0.141
5.222	-0.139
5.244	-0.137
5.267	-0.135
5.289	-0.133
5.311	-0.132
5.333	-0.130
5.356	-0.129
5.378	-0.127
5.400	-0.126
5.422	-0.125
5.444	-0.124
5.467	-0.123
5.489	-0.122
5.511	-0.121
5.533	-0.120
5.556	-0.119
5.578	-0.119
5.600	-0.118
5.622	-0.117
5.644	-0.117

5.667	-0.116
5.689	-0.116
5.711	-0.115
5.733	-0.115
5.756	-0.114
5.778	-0.114
5.800	-0.113
5.822	-0.113
5.844	-0.112
5.867	-0.112
5.889	-0.112
5.911	-0.111
5.933	-0.111
5.956	-0.111
5.978	-0.110
6.000	-0.110
6.022	-0.110
6.044	-0.109
6.067	-0.109
6.089	-0.108
6.111	-0.108
6.133	-0.107
6.156	-0.107
6.178	-0.106
6.200	-0.106
6.222	-0.105
6.244	-0.105
6.267	-0.104
6.289	-0.104
6.311	-0.103
6.333	-0.103
6.356	-0.103
6.378	-0.102
6.400	-0.102
6.422	-0.102
6.444	-0.101
6.467	-0.101
6.489	-0.101
6.511	-0.100
6.533	-0.100
6.556	-0.100
6.578	-0.099
6.600	-0.099
6.622	-0.099
6.644	-0.098
6.667	-0.098
6.689	-0.098
6.711	-0.098
6.733	-0.097
6.756	-0.097
6.778	-0.097
6.800	-0.097
6.822	-0.096
6.844	-0.096
6.867	-0.096
6.889	-0.096
6.911	-0.095
6.933	-0.095
6.956	-0.095
6.978	-0.095
7.000	-0.094
7.022	-0.094
7.044	-0.094
7.067	-0.093
7.089	-0.093

7.111	-0.092
7.133	-0.091
7.156	-0.091
7.178	-0.090
7.200	-0.090
7.222	-0.089
7.244	-0.089
7.267	-0.088
7.289	-0.088
7.311	-0.087
7.333	-0.087
7.356	-0.087
7.378	-0.086
7.400	-0.086
7.422	-0.086
7.444	-0.085
7.467	-0.085
7.489	-0.085
7.511	-0.084
7.533	-0.084
7.556	-0.084
7.578	-0.084
7.600	-0.083
7.622	-0.083
7.644	-0.083
7.667	-0.083
7.689	-0.083
7.711	-0.082
7.733	-0.082
7.756	-0.082
7.778	-0.082
7.800	-0.082
7.822	-0.081
7.844	-0.081
7.867	-0.081
7.889	-0.081
7.911	-0.081
7.933	-0.081
7.956	-0.081
7.978	-0.080
8.000	-0.080
8.022	-0.080
8.044	-0.080
8.067	-0.079
8.089	-0.079
8.111	-0.078
8.133	-0.077
8.156	-0.077
8.178	-0.076
8.200	-0.075
8.222	-0.075
8.244	-0.074
8.267	-0.074
8.289	-0.073
8.311	-0.073
8.333	-0.072
8.356	-0.072
8.378	-0.071
8.400	-0.071
8.422	-0.071
8.444	-0.070
8.467	-0.070
8.489	-0.070
8.511	-0.069
8.533	-0.069

8.556	-0.069
8.578	-0.069
8.600	-0.068
8.622	-0.068
8.644	-0.068
8.667	-0.068
8.689	-0.068
8.711	-0.067
8.733	-0.067
8.756	-0.067
8.778	-0.067
8.800	-0.067
8.822	-0.067
8.844	-0.067
8.867	-0.066
8.889	-0.066
8.911	-0.066
128.911	-0.004
248.911	-0.001
344.911	-0.000
368.911	0.000
488.911	0.000
608.911	0.000
728.911	0.000

Name: Hyd-24hr

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	0.000
0.844	0.000
0.929	0.000
1.013	0.000
1.098	0.000
1.182	0.000
1.267	0.000
1.351	0.000
1.436	0.000
1.520	0.000
1.604	0.000
1.689	0.000
1.773	0.000
1.858	0.000
1.942	0.000
2.027	0.000
2.111	0.000
2.196	0.000
2.280	0.000
2.364	0.000
2.449	0.000
2.533	0.000
2.618	0.000
2.702	-0.000
2.787	-0.000
2.871	-0.001

2.956	-0.002
3.040	-0.005
3.124	-0.011
3.209	-0.019
3.293	-0.030
3.378	-0.043
3.462	-0.057
3.547	-0.074
3.631	-0.091
3.716	-0.109
3.800	-0.127
3.884	-0.146
3.969	-0.166
4.053	-0.185
4.138	-0.205
4.222	-0.225
4.307	-0.245
4.391	-0.265
4.476	-0.285
4.560	-0.304
4.644	-0.324
4.729	-0.343
4.813	-0.362
4.898	-0.381
4.982	-0.400
5.067	-0.421
5.151	-0.445
5.236	-0.474
5.320	-0.509
5.404	-0.547
5.489	-0.585
5.573	-0.622
5.658	-0.656
5.742	-0.690
5.827	-0.721
5.911	-0.751
5.996	-0.779
6.080	-0.807
6.164	-0.833
6.249	-0.859
6.333	-0.884
6.418	-0.908
6.502	-0.931
6.587	-0.954
6.671	-0.976
6.756	-0.997
6.840	-1.018
6.924	-1.038
7.009	-1.057
7.093	-1.076
7.178	-1.095
7.262	-1.113
7.347	-1.130
7.431	-1.147
7.516	-1.164
7.600	-1.180
7.684	-1.195
7.769	-1.210
7.853	-1.225
7.938	-1.240
8.022	-1.258
8.107	-1.285
8.191	-1.327
8.276	-1.389
8.360	-1.465

8.444	-1.546
8.529	-1.624
8.613	-1.694
8.698	-1.757
8.782	-1.596
8.867	-1.135
8.951	-0.788
9.036	-0.657
9.120	-0.567
9.204	-0.505
9.289	-0.460
9.373	-0.428
9.458	-0.403
9.542	-0.384
9.627	-0.369
9.711	-0.357
9.796	-0.348
9.880	-0.339
9.964	-0.333
10.049	-0.327
10.133	-0.322
10.218	-0.319
10.302	-0.316
10.387	-0.314
10.471	-0.313
10.556	-0.313
10.640	-0.312
10.724	-0.313
10.809	-0.313
10.893	-0.314
10.978	-0.315
11.062	-0.316
11.147	-0.317
11.231	-0.319
11.316	-0.321
11.400	-0.324
11.484	-0.327
11.569	-0.330
11.653	-0.334
11.738	-0.337
11.822	-0.341
11.907	-0.344
11.991	-0.348
12.076	-0.351
12.160	-0.354
12.244	-0.357
12.329	-0.359
12.413	-0.361
12.498	-0.362
12.582	-0.362
12.667	-0.363
12.751	-0.363
12.836	-0.363
12.920	-0.364
13.004	-0.364
13.089	-0.364
13.173	-0.365
13.258	-0.365
13.342	-0.365
13.427	-0.365
13.511	-0.364
13.596	-0.364
13.680	-0.366
13.764	-0.372
13.849	-0.381

13.933	-0.387
14.018	-0.390
14.102	-0.391
14.187	-0.392
14.271	-0.391
14.356	-0.390
14.440	-0.389
14.524	-0.387
14.609	-0.385
14.693	-0.382
14.778	-0.380
14.862	-0.377
14.947	-0.374
15.031	-0.370
15.116	-0.367
15.200	-0.363
15.284	-0.358
15.369	-0.354
15.453	-0.349
15.538	-0.343
15.622	-0.339
15.707	-0.334
15.791	-0.329
15.876	-0.325
15.960	-0.321
16.044	-0.317
16.129	-0.312
16.213	-0.308
16.298	-0.303
16.382	-0.298
16.467	-0.293
16.551	-0.288
16.636	-0.284
16.720	-0.280
16.804	-0.276
16.889	-0.272
16.973	-0.269
17.058	-0.265
17.142	-0.262
17.227	-0.259
17.311	-0.257
17.396	-0.254
17.480	-0.252
17.564	-0.249
17.649	-0.247
17.733	-0.245
17.818	-0.243
17.902	-0.241
17.987	-0.239
18.071	-0.237
18.156	-0.235
18.240	-0.234
18.324	-0.232
18.409	-0.231
18.493	-0.229
18.578	-0.228
18.662	-0.226
18.747	-0.225
18.831	-0.224
18.916	-0.223
19.000	-0.221
19.084	-0.220
19.169	-0.218
19.253	-0.216
19.338	-0.213

19.422	-0.211
19.507	-0.208
19.591	-0.205
19.676	-0.203
19.760	-0.201
19.844	-0.199
19.929	-0.197
20.013	-0.195
20.098	-0.194
20.182	-0.193
20.267	-0.191
20.351	-0.190
20.436	-0.189
20.520	-0.188
20.604	-0.187
20.689	-0.186
20.773	-0.185
20.858	-0.184
20.942	-0.183
21.027	-0.182
21.111	-0.181
21.196	-0.180
21.280	-0.178
21.364	-0.176
21.449	-0.173
21.533	-0.171
21.618	-0.169
21.702	-0.167
21.787	-0.166
21.871	-0.164
21.956	-0.163
22.040	-0.162
22.124	-0.160
22.209	-0.159
22.293	-0.157
22.378	-0.154
22.462	-0.152
22.547	-0.150
22.631	-0.148
22.716	-0.146
22.800	-0.144
22.884	-0.143
22.969	-0.142
23.053	-0.141
23.138	-0.140
23.222	-0.139
23.307	-0.138
23.391	-0.137
23.476	-0.137
23.560	-0.136
23.644	-0.136
23.729	-0.135
23.813	-0.135
23.898	-0.134
23.982	-0.134
24.067	-0.134
24.151	-0.133
24.236	-0.132
24.320	-0.130
24.404	-0.129
24.489	-0.127
24.573	-0.126
24.658	-0.124
24.742	-0.123
24.827	-0.122

24.911	-0.121
24.996	-0.120
25.080	-0.119
25.164	-0.118
25.249	-0.118
25.333	-0.117
25.418	-0.117
25.502	-0.116
25.587	-0.116
25.671	-0.115
25.756	-0.115
25.840	-0.115
25.924	-0.114
26.009	-0.114
26.093	-0.114
26.178	-0.114
26.262	-0.113
26.347	-0.113
26.431	-0.113
26.516	-0.113
26.600	-0.113
26.684	-0.113
26.769	-0.112
26.853	-0.112
26.938	-0.112
27.022	-0.112
27.107	-0.112
27.191	-0.112
27.276	-0.112
27.360	-0.112
27.444	-0.111
51.444	-0.004
147.444	-0.034
267.445	-0.022
315.445	-0.019
363.445	-0.016
387.445	-0.015
507.445	-0.011
627.444	-0.006
699.444	-0.002
747.444	0.000

Name: Hyd-24hr

Node: Node301

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	0.000
0.427	0.000
0.533	0.000
0.640	0.000
0.747	0.000
0.853	0.000
0.960	0.000
1.067	0.000
1.173	0.000
1.280	0.000
1.387	0.000
1.493	0.000
1.600	0.000
1.707	0.000
1.813	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

1.920	0.000
2.027	0.000
2.133	0.000
2.240	0.000
2.347	0.000
2.453	0.000
2.560	0.000
2.667	0.000
2.773	0.000
2.880	0.000
2.987	0.000
3.093	0.000
3.200	0.000
3.307	0.000
3.413	0.000
3.520	0.000
3.627	0.000
3.733	0.000
3.840	0.000
3.947	0.000
4.053	0.000
4.160	0.000
4.267	0.000
4.373	0.000
4.480	0.000
4.587	0.000
4.693	-0.000
4.800	-0.000
4.907	-0.001
5.013	-0.002
5.120	-0.005
5.227	-0.010
5.333	-0.016
5.440	-0.026
5.547	-0.037
5.653	-0.046
5.760	-0.050
5.867	-0.053
5.973	-0.057
6.080	-0.063
6.187	-0.070
6.293	-0.077
6.400	-0.085
6.507	-0.092
6.613	-0.101
6.720	-0.109
6.827	-0.117
6.933	-0.126
7.040	-0.134
7.147	-0.143
7.253	-0.152
7.360	-0.161
7.467	-0.169
7.573	-0.178
7.680	-0.187
7.787	-0.195
7.893	-0.204
8.000	-0.213
8.107	-0.221
8.213	-0.230
8.320	-0.240
8.427	-0.249
8.533	-0.260
8.640	-0.271
8.747	-0.634

8.853	-0.703
8.960	-0.380
9.067	-0.324
9.173	-0.289
9.280	-0.268
9.387	-0.255
9.493	-0.246
9.600	-0.248
9.707	-0.278
9.813	-0.303
9.920	-0.294
10.027	-0.275
10.133	-0.257
10.240	-0.242
10.347	-0.231
10.453	-0.223
10.560	-0.216
10.667	-0.210
10.773	-0.204
10.880	-0.198
10.987	-0.192
11.093	-0.187
11.200	-0.185
11.307	-0.184
11.413	-0.185
11.520	-0.186
11.627	-0.186
11.733	-0.185
11.840	-0.182
11.947	-0.178
12.053	-0.173
12.160	-0.165
12.267	-0.154
12.373	-0.141
12.480	-0.128
12.587	-0.117
12.693	-0.110
12.800	-0.105
12.907	-0.103
13.013	-0.101
13.120	-0.100
13.227	-0.098
13.333	-0.095
13.440	-0.092
13.547	-0.089
13.653	-0.087
13.760	-0.085
13.867	-0.085
13.973	-0.085
14.080	-0.085
14.187	-0.086
14.293	-0.086
14.400	-0.086
14.507	-0.086
14.613	-0.086
14.720	-0.086
14.827	-0.086
14.933	-0.086
15.040	-0.085
15.147	-0.084
15.253	-0.081
15.360	-0.078
15.467	-0.074
15.573	-0.071
15.680	-0.069

15.787	-0.068
15.893	-0.068
16.000	-0.068
16.107	-0.068
16.213	-0.067
16.320	-0.065
16.427	-0.061
16.533	-0.058
16.640	-0.057
16.747	-0.056
16.853	-0.056
16.960	-0.056
17.067	-0.057
17.173	-0.058
17.280	-0.059
17.387	-0.060
17.493	-0.061
17.600	-0.061
17.707	-0.062
17.813	-0.062
17.920	-0.062
18.027	-0.063
18.133	-0.063
18.240	-0.063
18.347	-0.063
18.453	-0.064
18.560	-0.064
18.667	-0.064
18.773	-0.064
18.880	-0.064
18.987	-0.064
19.093	-0.063
19.200	-0.061
19.307	-0.058
19.413	-0.054
19.520	-0.051
19.627	-0.048
19.733	-0.047
19.840	-0.046
19.947	-0.047
20.053	-0.047
20.160	-0.048
20.267	-0.049
20.373	-0.049
20.480	-0.050
20.587	-0.051
20.693	-0.051
20.800	-0.052
20.907	-0.052
21.013	-0.052
21.120	-0.051
21.227	-0.050
21.333	-0.047
21.440	-0.043
21.547	-0.040
21.653	-0.038
21.760	-0.037
21.867	-0.037
21.973	-0.037
22.080	-0.037
22.187	-0.036
22.293	-0.035
22.400	-0.032
22.507	-0.029
22.613	-0.027

22.720	-0.026
22.827	-0.026
22.933	-0.027
23.040	-0.028
23.147	-0.029
23.253	-0.030
23.360	-0.031
23.467	-0.032
23.573	-0.033
23.680	-0.034
23.787	-0.035
23.893	-0.036
24.000	-0.036
24.107	-0.036
24.213	-0.035
24.320	-0.033
24.427	-0.030
24.533	-0.027
24.640	-0.025
24.747	-0.024
24.853	-0.023
24.960	-0.023
25.067	-0.024
25.173	-0.025
25.280	-0.025
25.387	-0.026
25.493	-0.027
25.600	-0.027
25.707	-0.028
25.813	-0.029
25.920	-0.029
26.027	-0.030
26.133	-0.030
26.240	-0.031
26.347	-0.031
26.453	-0.031
26.560	-0.032
26.667	-0.032
26.773	-0.032
26.880	-0.032
26.987	-0.033
27.093	-0.033
27.200	-0.033
27.307	-0.033
27.413	-0.033
27.520	-0.033
27.627	-0.033
27.733	-0.033
27.840	-0.033
27.947	-0.033
28.053	-0.032
28.160	-0.032
28.267	-0.032
28.373	-0.032
40.373	-0.019
52.373	-0.014
76.373	-0.008
172.373	-0.001
268.373	-0.000
340.373	0.000
388.373	0.000
508.373	0.000
628.373	0.000
748.373	0.000

Name: Hyd-24hr		Node: Node302	Type: Flow
Time(hrs)	Flow(cfs)		
0.000	0.000		
0.096	0.000		
0.191	0.000		
0.287	0.000		
0.382	0.000		
0.478	0.000		
0.573	0.000		
0.669	0.000		
0.764	0.000		
0.860	0.000		
0.956	0.000		
1.051	0.000		
1.147	0.000		
1.242	0.000		
1.338	0.000		
1.433	0.000		
1.529	0.000		
1.624	0.000		
1.720	0.000		
1.816	0.000		
1.911	0.000		
2.007	0.000		
2.102	0.000		
2.198	0.000		
2.293	0.000		
2.389	0.000		
2.484	0.000		
2.580	0.000		
2.676	0.000		
2.771	0.000		
2.867	0.000		
2.962	0.000		
3.058	0.000		
3.153	0.000		
3.249	0.000		
3.344	0.000		
3.440	0.000		
3.536	0.000		
3.631	0.000		
3.727	0.000		
3.822	0.000		
3.918	0.000		
4.013	0.000		
4.109	0.000		
4.204	0.000		
4.300	0.000		
4.396	0.000		
4.491	0.000		
4.587	0.000		
4.682	0.000		
4.778	0.000		
4.873	-0.000		
4.969	-0.000		
5.064	-0.001		
5.160	-0.002		
5.256	-0.005		
5.351	-0.009		
5.447	-0.016		
5.542	-0.026		
5.638	-0.037		

5.733	-0.045
5.829	-0.048
5.924	-0.050
6.020	-0.054
6.116	-0.059
6.211	-0.065
6.307	-0.072
6.402	-0.079
6.498	-0.087
6.593	-0.094
6.689	-0.102
6.784	-0.110
6.880	-0.118
6.976	-0.126
7.071	-0.135
7.167	-0.143
7.262	-0.151
7.358	-0.159
7.453	-0.168
7.549	-0.176
7.644	-0.184
7.740	-0.193
7.836	-0.201
7.931	-0.209
8.027	-0.218
8.122	-0.226
8.218	-0.235
8.313	-0.243
8.409	-0.253
8.504	-0.263
8.600	-0.274
8.696	-0.285
8.791	-0.297
8.887	-0.309
8.982	-0.321
9.078	-0.334
9.173	-0.346
9.269	-0.359
9.364	-0.371
9.460	-0.377
9.556	-0.377
9.651	-0.377
9.747	-0.910
9.842	-1.127
9.938	-0.749
10.033	-0.640
10.129	-0.562
10.224	-0.506
10.320	-0.465
10.416	-0.434
10.511	-0.410
10.607	-0.388
10.702	-0.370
10.798	-0.352
10.893	-0.337
10.989	-0.323
11.084	-0.311
11.180	-0.302
11.276	-0.296
11.371	-0.293
11.467	-0.291
11.562	-0.287
11.658	-0.283
11.753	-0.277
11.849	-0.270

11.944	-0.263
12.040	-0.256
12.136	-0.246
12.231	-0.233
12.327	-0.217
12.422	-0.201
12.518	-0.188
12.613	-0.178
12.709	-0.172
12.804	-0.168
12.900	-0.165
12.996	-0.164
13.091	-0.162
13.187	-0.159
13.282	-0.155
13.378	-0.150
13.473	-0.146
13.569	-0.143
13.664	-0.140
13.760	-0.139
13.856	-0.138
13.951	-0.138
14.047	-0.138
14.142	-0.137
14.238	-0.137
14.333	-0.137
14.429	-0.136
14.524	-0.136
14.620	-0.135
14.716	-0.135
14.811	-0.134
14.907	-0.134
15.002	-0.133
15.098	-0.131
15.193	-0.129
15.289	-0.125
15.384	-0.120
15.480	-0.116
15.576	-0.113
15.671	-0.111
15.767	-0.110
15.862	-0.110
15.958	-0.110
16.053	-0.110
16.149	-0.109
16.244	-0.106
16.340	-0.103
16.436	-0.099
16.531	-0.096
16.627	-0.094
16.722	-0.094
16.818	-0.094
16.913	-0.094
17.009	-0.095
17.104	-0.096
17.200	-0.096
17.296	-0.097
17.391	-0.097
17.487	-0.098
17.582	-0.098
17.678	-0.098
17.773	-0.098
17.869	-0.099
17.964	-0.099
18.060	-0.099

18.156	-0.099
18.251	-0.099
18.347	-0.099
18.442	-0.099
18.538	-0.098
18.633	-0.098
18.729	-0.098
18.824	-0.098
18.920	-0.098
19.016	-0.097
19.111	-0.096
19.207	-0.093
19.302	-0.090
19.398	-0.085
19.493	-0.081
19.589	-0.078
19.684	-0.077
19.780	-0.077
19.876	-0.077
19.971	-0.077
20.067	-0.078
20.162	-0.079
20.258	-0.079
20.353	-0.080
20.449	-0.080
20.544	-0.081
20.640	-0.081
20.736	-0.081
20.831	-0.082
20.927	-0.082
21.022	-0.082
21.118	-0.081
21.213	-0.078
21.309	-0.075
21.404	-0.071
21.500	-0.067
21.596	-0.065
21.691	-0.064
21.787	-0.063
21.882	-0.064
21.978	-0.064
22.073	-0.064
22.169	-0.064
22.264	-0.062
22.360	-0.058
22.456	-0.055
22.551	-0.053
22.647	-0.052
22.742	-0.051
22.838	-0.052
22.933	-0.053
23.029	-0.054
23.124	-0.055
23.220	-0.056
23.316	-0.057
23.411	-0.058
23.507	-0.059
23.602	-0.060
23.698	-0.060
23.793	-0.061
23.889	-0.062
23.984	-0.062
24.080	-0.062
24.176	-0.061
24.271	-0.058

24.367	-0.055
24.462	-0.052
24.558	-0.049
24.653	-0.047
24.749	-0.046
24.844	-0.046
24.940	-0.047
25.036	-0.047
25.131	-0.048
25.227	-0.048
25.322	-0.049
25.418	-0.050
25.513	-0.050
25.609	-0.051
25.704	-0.051
25.800	-0.052
25.896	-0.052
25.991	-0.053
26.087	-0.053
26.182	-0.053
26.278	-0.054
26.373	-0.054
26.469	-0.054
26.564	-0.055
26.660	-0.055
26.756	-0.055
26.851	-0.055
26.947	-0.054
27.042	-0.054
27.138	-0.054
27.233	-0.053
27.329	-0.053
27.424	-0.053
27.520	-0.052
27.616	-0.052
27.711	-0.052
27.807	-0.051
27.902	-0.051
51.902	-0.019
99.902	-0.003
171.902	0.000
267.902	0.000
315.902	0.000
387.902	0.000
507.902	0.000
627.902	0.000
747.902	0.000

Name: Hyd-24hr

Node: Node308

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000

0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000

1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	-0.000
2.311	-0.000
2.333	-0.000
2.356	-0.000
2.378	-0.001
2.400	-0.001
2.422	-0.002
2.444	-0.002
2.467	-0.003
2.489	-0.004
2.511	-0.005
2.533	-0.006
2.556	-0.008
2.578	-0.009
2.600	-0.010
2.622	-0.011
2.644	-0.013
2.667	-0.014
2.689	-0.016
2.711	-0.017
2.733	-0.019
2.756	-0.020
2.778	-0.021
2.800	-0.023
2.822	-0.024
2.844	-0.026
2.867	-0.027
2.889	-0.029
2.911	-0.030
2.933	-0.032
2.956	-0.033
2.978	-0.034
3.000	-0.036
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3.133	-0.044

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3.422	-0.061
3.444	-0.061
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3.489	-0.062
3.511	-0.062
3.533	-0.062
3.556	-0.062
3.578	-0.062
3.600	-0.062
3.622	-0.063
3.644	-0.063
3.667	-0.063
3.689	-0.064
3.711	-0.064
3.733	-0.064
3.756	-0.065
3.778	-0.065
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3.822	-0.066
3.844	-0.067
3.867	-0.067
3.889	-0.068
3.911	-0.068
3.933	-0.069
3.956	-0.069
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4.578	-0.086

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6.778	-0.174
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6.844	-0.176
6.867	-0.177
6.889	-0.178
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20.978	-0.050
21.000	-0.050
21.022	-0.050
21.044	-0.050
21.067	-0.050
21.089	-0.049
21.111	-0.049
21.133	-0.049
21.156	-0.048
21.178	-0.048
21.200	-0.048
21.222	-0.047
21.244	-0.047
21.267	-0.047
21.289	-0.047
21.311	-0.047
21.333	-0.046
21.356	-0.046
21.378	-0.046
21.400	-0.046
21.422	-0.046
21.444	-0.046
21.467	-0.046
21.489	-0.046
21.511	-0.046
21.533	-0.046
21.556	-0.045
21.578	-0.045
21.600	-0.045
21.622	-0.045
21.644	-0.045
21.667	-0.045
21.689	-0.045
21.711	-0.045
21.733	-0.045
21.756	-0.045
21.778	-0.045
21.800	-0.045
21.822	-0.045
21.844	-0.045
21.867	-0.045
21.889	-0.045
21.911	-0.045

21.933	-0.045
21.956	-0.045
21.978	-0.045
22.000	-0.045
22.022	-0.045
22.044	-0.045
22.067	-0.045
22.089	-0.045
22.111	-0.044
22.133	-0.044
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22.178	-0.044
22.200	-0.043
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22.244	-0.043
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22.889	-0.041
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24.178	-0.040
24.200	-0.040
24.222	-0.039
24.244	-0.039
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24.422	-0.038
24.444	-0.038
24.467	-0.038
24.489	-0.037
24.511	-0.037
24.533	-0.037
24.556	-0.037
24.578	-0.037
24.600	-0.037
24.622	-0.037
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24.733	-0.037
24.756	-0.037
24.778	-0.037
24.800	-0.037

24.822	-0.037
24.844	-0.036
24.867	-0.036
24.889	-0.036
24.911	-0.036
36.911	-0.019
48.911	-0.015
72.911	-0.009
168.911	-0.002
264.911	-0.001
336.911	-0.000
384.911	-0.000
504.911	-0.000
624.911	0.000
744.911	0.000

Name: Hyd-3d

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	0.000
0.844	0.000
0.929	0.000
1.013	0.000
1.098	0.000
1.182	0.000
1.267	0.000
1.351	0.000
1.436	0.000
1.520	0.000
1.604	0.000
1.689	0.000
1.773	0.000
1.858	0.000
1.942	0.000
2.027	0.000
2.111	0.000
2.196	0.000
2.280	0.000
2.364	0.000
2.449	0.000
2.533	0.000
2.618	0.000
2.702	0.000
2.787	0.000
2.871	0.000
2.956	0.000
3.040	0.000
3.124	0.000
3.209	0.000
3.293	0.000
3.378	0.000
3.462	0.000
3.547	0.000
3.631	0.000

3.716	0.000
3.800	0.000
3.884	0.000
3.969	0.000
4.053	0.000
4.138	0.000
4.222	0.000
4.307	0.000
4.391	0.000
4.476	0.000
4.560	0.000
4.644	0.000
4.729	0.000
4.813	0.000
4.898	0.000
4.982	0.000
5.067	0.000
5.151	0.000
5.236	0.000
5.320	0.000
5.404	0.000
5.489	0.000
5.573	0.000
5.658	0.000
5.742	0.000
5.827	0.000
5.911	0.000
5.996	0.000
6.080	0.000
6.164	0.000
6.249	0.000
6.333	0.000
6.418	0.000
6.502	0.000
6.587	0.000
6.671	0.000
6.756	0.000
6.840	0.000
6.924	0.000
7.009	0.000
7.093	0.000
7.178	0.000
7.262	0.000
7.347	0.000
7.431	0.000
7.516	0.000
7.600	0.000
7.684	-0.000
7.769	-0.000
7.853	-0.000
7.938	-0.001
8.022	-0.002
8.107	-0.004
8.191	-0.008
8.276	-0.015
8.360	-0.026
8.444	-0.041
8.529	-0.058
8.613	-0.077
8.698	-0.098
8.782	-0.120
8.867	-0.144
8.951	-0.168
9.036	-0.192
9.120	-0.217

9.204	-0.242
9.289	-0.267
9.373	-0.292
9.458	-0.317
9.542	-0.342
9.627	-0.367
9.711	-0.392
9.796	-0.416
9.880	-0.440
9.964	-0.464
10.049	-0.487
10.133	-0.510
10.218	-0.532
10.302	-0.555
10.387	-0.576
10.471	-0.597
10.556	-0.618
10.640	-0.639
10.724	-0.658
10.809	-0.678
10.893	-0.697
10.978	-0.715
11.062	-0.733
11.147	-0.751
11.231	-0.768
11.316	-0.785
11.400	-0.801
11.484	-0.817
11.569	-0.833
11.653	-0.848
11.738	-0.863
11.822	-0.877
11.907	-0.891
11.991	-0.904
12.076	-0.912
12.160	-0.911
12.244	-0.898
12.329	-0.872
12.413	-0.841
12.498	-0.809
12.582	-0.781
12.667	-0.758
12.751	-0.739
12.836	-0.724
12.920	-0.711
13.004	-0.701
13.089	-0.692
13.173	-0.685
13.258	-0.678
13.342	-0.673
13.427	-0.669
13.511	-0.665
13.596	-0.662
13.680	-0.660
13.764	-0.658
13.849	-0.657
13.933	-0.656
14.018	-0.656
14.102	-0.655
14.187	-0.656
14.271	-0.656
14.356	-0.657
14.440	-0.658
14.524	-0.659
14.609	-0.661

14.693	-0.662
14.778	-0.664
14.862	-0.666
14.947	-0.668
15.031	-0.671
15.116	-0.673
15.200	-0.675
15.284	-0.678
15.369	-0.680
15.453	-0.683
15.538	-0.685
15.622	-0.688
15.707	-0.690
15.791	-0.692
15.876	-0.695
15.960	-0.582
16.044	-0.411
16.129	-0.343
16.213	-0.324
16.298	-0.308
16.382	-0.294
16.467	-0.282
16.551	-0.272
16.636	-0.262
16.720	-0.254
16.804	-0.246
16.889	-0.239
16.973	-0.232
17.058	-0.226
17.142	-0.221
17.227	-0.216
17.311	-0.211
17.396	-0.207
17.480	-0.202
17.564	-0.199
17.649	-0.195
17.733	-0.191
17.818	-0.188
17.902	-0.185
17.987	-0.182
18.071	-0.179
18.156	-0.177
18.240	-0.174
18.324	-0.172
18.409	-0.170
18.493	-0.167
18.578	-0.165
18.662	-0.163
18.747	-0.162
18.831	-0.160
18.916	-0.158
19.000	-0.156
19.084	-0.155
19.169	-0.153
19.253	-0.152
19.338	-0.150
19.422	-0.149
19.507	-0.148
19.591	-0.146
19.676	-0.145
19.760	-0.144
19.844	-0.143
19.929	-0.142
20.013	-0.141
20.098	-0.140

20.182	-0.138
20.267	-0.137
20.351	-0.136
20.436	-0.135
20.520	-0.134
20.604	-0.133
20.689	-0.132
20.773	-0.130
20.858	-0.129
20.942	-0.128
21.027	-0.127
21.111	-0.126
21.196	-0.125
21.280	-0.124
21.364	-0.123
21.449	-0.122
21.533	-0.121
21.618	-0.121
21.702	-0.120
21.787	-0.119
21.871	-0.118
21.956	-0.117
22.040	-0.116
22.124	-0.116
22.209	-0.115
22.293	-0.114
22.378	-0.114
22.462	-0.113
22.547	-0.112
22.631	-0.112
22.716	-0.111
22.800	-0.110
22.884	-0.110
22.969	-0.109
23.053	-0.108
23.138	-0.108
23.222	-0.107
23.307	-0.107
23.391	-0.106
23.476	-0.106
23.560	-0.105
23.644	-0.105
23.729	-0.104
23.813	-0.104
23.898	-0.103
23.982	-0.103
24.067	-0.102
24.151	-0.102
24.236	-0.101
24.320	-0.101
24.404	-0.101
24.489	-0.101
24.573	-0.100
24.658	-0.100
24.742	-0.100
24.827	-0.100
24.911	-0.100
24.996	-0.099
25.080	-0.099
25.164	-0.099
25.249	-0.099
25.333	-0.099
25.418	-0.098
25.502	-0.098
25.587	-0.098

25.671	-0.098
25.756	-0.098
25.840	-0.098
25.924	-0.097
26.009	-0.097
26.093	-0.097
26.178	-0.097
26.262	-0.097
26.347	-0.097
26.431	-0.096
26.516	-0.096
26.600	-0.096
26.684	-0.096
26.769	-0.096
26.853	-0.095
26.938	-0.095
27.022	-0.095
27.107	-0.095
27.191	-0.095
27.276	-0.095
27.360	-0.095
27.444	-0.094
27.529	-0.094
27.613	-0.094
27.698	-0.094
27.782	-0.094
27.867	-0.094
27.951	-0.093
28.036	-0.093
28.120	-0.093
28.204	-0.093
28.289	-0.093
28.373	-0.093
28.458	-0.094
28.542	-0.094
28.627	-0.094
28.711	-0.095
28.796	-0.095
28.880	-0.095
28.964	-0.096
29.049	-0.096
29.133	-0.096
29.218	-0.097
29.302	-0.097
29.387	-0.097
29.471	-0.098
29.556	-0.098
29.640	-0.098
29.724	-0.098
29.809	-0.099
29.893	-0.099
29.978	-0.099
30.062	-0.099
30.147	-0.100
30.231	-0.100
30.316	-0.100
30.400	-0.100
30.484	-0.100
30.569	-0.101
30.653	-0.101
30.738	-0.101
30.822	-0.101
30.907	-0.101
30.991	-0.101
31.076	-0.102

31.160	-0.102
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31.329	-0.102
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31.498	-0.102
31.582	-0.103
31.667	-0.103
31.751	-0.103
31.836	-0.103
31.920	-0.103
32.004	-0.103
32.089	-0.103
32.173	-0.104
32.258	-0.105
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32.427	-0.109
32.511	-0.111
32.596	-0.114
32.680	-0.117
32.764	-0.120
32.849	-0.122
32.933	-0.125
33.018	-0.128
33.102	-0.131
33.187	-0.133
33.271	-0.136
33.356	-0.138
33.440	-0.141
33.524	-0.143
33.609	-0.145
33.693	-0.148
33.778	-0.150
33.862	-0.152
33.947	-0.154
34.031	-0.156
34.116	-0.158
34.200	-0.160
34.284	-0.162
34.369	-0.164
34.453	-0.166
34.538	-0.168
34.622	-0.169
34.707	-0.171
34.791	-0.173
34.876	-0.174
34.960	-0.176
35.044	-0.177
35.129	-0.179
35.213	-0.180
35.298	-0.182
35.382	-0.183
35.467	-0.185
35.551	-0.186
35.636	-0.188
35.720	-0.189
35.804	-0.190
35.889	-0.192
35.973	-0.193
36.058	-0.194
36.142	-0.195
36.227	-0.196
36.311	-0.196
36.396	-0.196
36.480	-0.196
36.564	-0.196

36.649	-0.195
36.733	-0.195
36.818	-0.194
36.902	-0.194
36.987	-0.193
37.071	-0.193
37.156	-0.192
37.240	-0.192
37.324	-0.191
37.409	-0.191
37.493	-0.191
37.578	-0.190
37.662	-0.190
37.747	-0.190
37.831	-0.190
37.916	-0.189
38.000	-0.189
38.084	-0.189
38.169	-0.189
38.253	-0.189
38.338	-0.189
38.422	-0.189
38.507	-0.189
38.591	-0.189
38.676	-0.189
38.760	-0.189
38.844	-0.189
38.929	-0.189
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39.098	-0.189
39.182	-0.189
39.267	-0.189
39.351	-0.189
39.436	-0.189
39.520	-0.189
39.604	-0.189
39.689	-0.189
39.773	-0.190
39.858	-0.190
39.942	-0.190
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40.111	-0.190
40.196	-0.190
40.280	-0.190
40.364	-0.189
40.449	-0.188
40.533	-0.187
40.618	-0.186
40.702	-0.185
40.787	-0.183
40.871	-0.182
40.956	-0.181
41.040	-0.180
41.124	-0.179
41.209	-0.177
41.293	-0.176
41.378	-0.175
41.462	-0.174
41.547	-0.173
41.631	-0.173
41.716	-0.172
41.800	-0.171
41.884	-0.170
41.969	-0.169
42.053	-0.168

42.138	-0.168
42.222	-0.167
42.307	-0.166
42.391	-0.166
42.476	-0.165
42.560	-0.164
42.644	-0.164
42.729	-0.163
42.813	-0.163
42.898	-0.163
42.982	-0.162
43.067	-0.162
43.151	-0.161
43.236	-0.161
43.320	-0.160
43.404	-0.160
43.489	-0.160
43.573	-0.159
43.658	-0.159
43.742	-0.159
43.827	-0.158
43.911	-0.158
43.996	-0.157
44.080	-0.157
44.164	-0.156
44.249	-0.156
44.333	-0.155
44.418	-0.154
44.502	-0.153
44.587	-0.152
44.671	-0.151
44.756	-0.150
44.840	-0.149
44.924	-0.148
45.009	-0.147
45.093	-0.147
45.178	-0.146
45.262	-0.145
45.347	-0.144
45.431	-0.144
45.516	-0.143
45.600	-0.142
45.684	-0.142
45.769	-0.141
45.853	-0.140
45.938	-0.140
46.022	-0.139
46.107	-0.139
46.191	-0.138
46.276	-0.137
46.360	-0.137
46.444	-0.136
46.529	-0.136
46.613	-0.135
46.698	-0.135
46.782	-0.134
46.867	-0.134
46.951	-0.134
47.036	-0.133
47.120	-0.133
47.204	-0.132
47.289	-0.132
47.373	-0.131
47.458	-0.131
47.542	-0.131

47.627	-0.130
47.711	-0.130
47.796	-0.130
47.880	-0.129
47.964	-0.129
48.049	-0.129
48.133	-0.128
48.218	-0.128
48.302	-0.128
48.387	-0.128
48.471	-0.128
48.556	-0.129
48.640	-0.129
48.724	-0.129
48.809	-0.129
48.893	-0.129
48.978	-0.130
49.062	-0.130
49.147	-0.130
49.231	-0.130
49.316	-0.130
49.400	-0.130
49.484	-0.130
49.569	-0.130
49.653	-0.130
49.738	-0.130
49.822	-0.130
49.907	-0.130
49.991	-0.130
50.076	-0.130
50.160	-0.129
50.244	-0.129
50.329	-0.129
50.413	-0.129
50.498	-0.129
50.582	-0.129
50.667	-0.129
50.751	-0.128
50.836	-0.128
50.920	-0.128
51.004	-0.128
51.089	-0.128
51.173	-0.127
51.258	-0.127
51.342	-0.127
51.427	-0.127
51.511	-0.127
51.596	-0.126
51.680	-0.126
51.764	-0.126
51.849	-0.126
51.933	-0.125
52.018	-0.125
52.102	-0.125
52.187	-0.125
52.271	-0.126
52.356	-0.126
52.440	-0.127
52.524	-0.128
52.609	-0.129
52.693	-0.130
52.778	-0.130
52.862	-0.131
52.947	-0.131
53.031	-0.132

53.116	-0.132
53.200	-0.133
53.284	-0.133
53.369	-0.133
53.453	-0.134
53.538	-0.134
53.622	-0.134
53.707	-0.134
53.791	-0.134
53.876	-0.134
53.960	-0.134
54.044	-0.134
54.129	-0.134
54.213	-0.134
54.298	-0.134
54.382	-0.133
54.467	-0.133
54.551	-0.133
54.636	-0.133
54.720	-0.133
54.804	-0.132
54.889	-0.132
54.973	-0.132
55.058	-0.131
55.142	-0.131
55.227	-0.131
55.311	-0.130
55.396	-0.130
55.480	-0.130
55.564	-0.130
55.649	-0.129
55.733	-0.129
55.818	-0.129
55.902	-0.128
55.987	-0.128
56.071	-0.128
56.156	-0.130
56.240	-0.133
56.324	-0.138
56.409	-0.144
56.493	-0.150
56.578	-0.157
56.662	-0.162
56.747	-0.168
56.831	-0.173
56.916	-0.177
57.000	-0.180
57.084	-0.184
57.169	-0.186
57.253	-0.189
57.338	-0.191
57.422	-0.192
57.507	-0.194
57.591	-0.195
57.676	-0.195
57.760	-0.196
57.844	-0.196
57.929	-0.196
58.013	-0.196
58.098	-0.195
58.182	-0.195
58.267	-0.194
58.351	-0.193
58.436	-0.192
58.520	-0.191

58.604	-0.190
58.689	-0.189
58.773	-0.188
58.858	-0.187
58.942	-0.185
59.027	-0.184
59.111	-0.183
59.196	-0.181
59.280	-0.180
59.364	-0.179
59.449	-0.177
59.533	-0.176
59.618	-0.175
59.702	-0.173
59.787	-0.172
59.871	-0.171
59.956	-0.169
60.040	-0.168
60.124	-0.165
60.209	-0.162
60.293	-0.157
60.378	-0.151
60.462	-0.146
60.547	-0.140
60.631	-0.135
60.716	-0.131
60.800	-0.127
60.884	-0.124
60.969	-0.121
61.053	-0.119
61.138	-0.117
61.222	-0.115
61.307	-0.113
61.391	-0.112
61.476	-0.111
61.560	-0.110
61.644	-0.109
61.729	-0.108
61.813	-0.107
61.898	-0.107
61.982	-0.106
62.067	-0.106
62.151	-0.106
62.236	-0.105
62.320	-0.105
62.404	-0.105
62.489	-0.105
62.573	-0.105
62.658	-0.105
62.742	-0.105
62.827	-0.105
62.911	-0.105
62.996	-0.105
63.080	-0.105
63.164	-0.105
63.249	-0.105
63.333	-0.105
63.418	-0.105
63.502	-0.106
63.587	-0.106
63.671	-0.106
63.756	-0.106
63.840	-0.106
63.924	-0.106
64.009	-0.106

64.093	-0.106
64.178	-0.104
64.262	-0.102
64.347	-0.098
64.431	-0.095
64.516	-0.091
64.600	-0.087
64.684	-0.084
64.769	-0.082
64.853	-0.080
64.938	-0.078
65.022	-0.077
65.107	-0.075
65.191	-0.074
65.276	-0.073
65.360	-0.073
65.444	-0.072
65.529	-0.072
65.613	-0.071
65.698	-0.071
65.782	-0.071
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66.036	-0.071
66.120	-0.071
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66.542	-0.072
66.627	-0.072
66.711	-0.072
66.796	-0.072
66.880	-0.073
66.964	-0.073
67.049	-0.073
67.133	-0.073
67.218	-0.074
67.302	-0.074
67.387	-0.074
67.471	-0.075
67.556	-0.075
67.640	-0.075
67.724	-0.076
67.809	-0.076
67.893	-0.076
67.978	-0.076
68.062	-0.076
68.147	-0.076
68.231	-0.076
68.316	-0.076
68.400	-0.075
68.484	-0.074
68.569	-0.073
68.653	-0.072
68.738	-0.072
68.822	-0.071
68.907	-0.071
68.991	-0.071
69.076	-0.070
69.160	-0.070
69.244	-0.070
69.329	-0.070
69.413	-0.070
69.498	-0.069

69.582	-0.069
69.667	-0.069
69.751	-0.069
69.836	-0.069
69.920	-0.069
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70.089	-0.069
70.173	-0.070
70.258	-0.070
70.342	-0.070
70.427	-0.070
70.511	-0.070
70.596	-0.070
70.680	-0.070
70.764	-0.070
70.849	-0.070
70.933	-0.070
71.018	-0.071
71.102	-0.071
71.187	-0.071
71.271	-0.071
71.356	-0.071
71.440	-0.071
71.524	-0.071
71.609	-0.072
71.693	-0.072
71.778	-0.072
71.862	-0.072
71.947	-0.072
72.031	-0.072
72.116	-0.072
72.200	-0.072
72.284	-0.071
72.369	-0.071
72.453	-0.070
72.538	-0.069
72.622	-0.069
72.707	-0.068
72.791	-0.068
72.876	-0.067
72.960	-0.067
73.044	-0.067
73.129	-0.066
73.213	-0.066
73.298	-0.066
73.382	-0.066
73.467	-0.065
73.551	-0.065
73.636	-0.065
73.720	-0.065
73.804	-0.065
73.889	-0.065
73.973	-0.065
74.058	-0.065
74.142	-0.064
74.227	-0.064
74.311	-0.064
74.396	-0.064
74.480	-0.064
74.564	-0.064
74.649	-0.064
74.733	-0.064
74.818	-0.064
74.902	-0.064
74.987	-0.064

75.071	-0.064
75.156	-0.065
75.240	-0.065
75.324	-0.065
75.409	-0.065
195.409	-0.005
315.409	-0.021
411.409	-0.017
435.409	-0.016
555.409	-0.012
675.409	-0.009
795.409	0.000

Name: Hyd-3d

Node: Node301

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	0.000
0.427	0.000
0.533	0.000
0.640	0.000
0.747	0.000
0.853	0.000
0.960	0.000
1.067	0.000
1.173	0.000
1.280	0.000
1.387	0.000
1.493	0.000
1.600	0.000
1.707	0.000
1.813	0.000
1.920	0.000
2.027	0.000
2.133	0.000
2.240	0.000
2.347	0.000
2.453	0.000
2.560	0.000
2.667	0.000
2.773	0.000
2.880	0.000
2.987	0.000
3.093	0.000
3.200	0.000
3.307	0.000
3.413	0.000
3.520	0.000
3.627	0.000
3.733	0.000
3.840	0.000
3.947	0.000
4.053	0.000
4.160	0.000
4.267	0.000
4.373	0.000
4.480	0.000
4.587	0.000
4.693	0.000
4.800	0.000
4.907	0.000

5.013	0.000
5.120	0.000
5.227	0.000
5.333	0.000
5.440	0.000
5.547	0.000
5.653	0.000
5.760	0.000
5.867	0.000
5.973	0.000
6.080	0.000
6.187	0.000
6.293	0.000
6.400	0.000
6.507	0.000
6.613	0.000
6.720	0.000
6.827	0.000
6.933	0.000
7.040	0.000
7.147	0.000
7.253	0.000
7.360	0.000
7.467	0.000
7.573	0.000
7.680	0.000
7.787	0.000
7.893	0.000
8.000	0.000
8.107	0.000
8.213	0.000
8.320	0.000
8.427	0.000
8.533	0.000
8.640	0.000
8.747	0.000
8.853	0.000
8.960	0.000
9.067	0.000
9.173	0.000
9.280	0.000
9.387	0.000
9.493	-0.000
9.600	-0.000
9.707	-0.000
9.813	-0.001
9.920	-0.003
10.027	-0.006
10.133	-0.011
10.240	-0.018
10.347	-0.026
10.453	-0.036
10.560	-0.045
10.667	-0.049
10.773	-0.051
10.880	-0.055
10.987	-0.059
11.093	-0.064
11.200	-0.070
11.307	-0.076
11.413	-0.083
11.520	-0.089
11.627	-0.096
11.733	-0.103
11.840	-0.110

11.947	-0.117
12.053	-0.125
12.160	-0.132
12.267	-0.138
12.373	-0.145
12.480	-0.151
12.587	-0.156
12.693	-0.160
12.800	-0.164
12.907	-0.168
13.013	-0.171
13.120	-0.175
13.227	-0.178
13.333	-0.180
13.440	-0.183
13.547	-0.186
13.653	-0.188
13.760	-0.191
13.867	-0.193
13.973	-0.196
14.080	-0.380
14.187	-0.440
14.293	-0.284
14.400	-0.232
14.507	-0.200
14.613	-0.178
14.720	-0.164
14.827	-0.154
14.933	-0.147
15.040	-0.142
15.147	-0.138
15.253	-0.134
15.360	-0.132
15.467	-0.130
15.573	-0.128
15.680	-0.127
15.787	-0.125
15.893	-0.124
16.000	-0.124
16.107	-0.123
16.213	-0.122
16.320	-0.121
16.427	-0.119
16.533	-0.117
16.640	-0.115
16.747	-0.113
16.853	-0.111
16.960	-0.108
17.067	-0.106
17.173	-0.104
17.280	-0.103
17.387	-0.101
17.493	-0.099
17.600	-0.098
17.707	-0.096
17.813	-0.095
17.920	-0.094
18.027	-0.092
18.133	-0.091
18.240	-0.090
18.347	-0.089
18.453	-0.088
18.560	-0.087
18.667	-0.086
18.773	-0.086

18.880	-0.085
18.987	-0.084
19.093	-0.083
19.200	-0.083
19.307	-0.082
19.413	-0.081
19.520	-0.081
19.627	-0.080
19.733	-0.080
19.840	-0.079
19.947	-0.079
20.053	-0.079
20.160	-0.078
20.267	-0.078
20.373	-0.077
20.480	-0.076
20.587	-0.076
20.693	-0.075
20.800	-0.074
20.907	-0.073
21.013	-0.072
21.120	-0.071
21.227	-0.071
21.333	-0.070
21.440	-0.069
21.547	-0.068
21.653	-0.068
21.760	-0.067
21.867	-0.066
21.973	-0.066
22.080	-0.065
22.187	-0.065
22.293	-0.064
22.400	-0.064
22.507	-0.063
22.613	-0.063
22.720	-0.062
22.827	-0.062
22.933	-0.061
23.040	-0.061
23.147	-0.060
23.253	-0.060
23.360	-0.060
23.467	-0.059
23.573	-0.059
23.680	-0.059
23.787	-0.058
23.893	-0.058
24.000	-0.058
24.107	-0.057
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24.320	-0.057
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24.533	-0.057
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24.747	-0.057
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24.960	-0.058
25.067	-0.058
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25.280	-0.058
25.387	-0.058
25.493	-0.058
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25.707	-0.059

25.813	-0.059
25.920	-0.059
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29.973	-0.062
30.080	-0.062
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30.507	-0.059
30.613	-0.058
30.720	-0.058
30.827	-0.057
30.933	-0.057
31.040	-0.056
31.147	-0.056
31.253	-0.056
31.360	-0.055
31.467	-0.055
31.573	-0.054
31.680	-0.054
31.787	-0.054
31.893	-0.054
32.000	-0.054
32.107	-0.055
32.213	-0.057
32.320	-0.063
32.427	-0.070
32.533	-0.077
32.640	-0.082

32.747	-0.086
32.853	-0.088
32.960	-0.089
33.067	-0.088
33.173	-0.087
33.280	-0.085
33.387	-0.083
33.493	-0.081
33.600	-0.079
33.707	-0.077
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33.920	-0.074
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34.667	-0.066
34.773	-0.066
34.880	-0.065
34.987	-0.064
35.093	-0.063
35.200	-0.063
35.307	-0.062
35.413	-0.062
35.520	-0.061
35.627	-0.060
35.733	-0.060
35.840	-0.059
35.947	-0.059
36.053	-0.058
36.160	-0.055
36.267	-0.051
36.373	-0.046
36.480	-0.040
36.587	-0.035
36.693	-0.032
36.800	-0.031
36.907	-0.031
37.013	-0.031
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37.867	-0.038
37.973	-0.039
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38.613	-0.041
38.720	-0.042
38.827	-0.042
38.933	-0.042
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39.573	-0.043

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39.787	-0.043
39.893	-0.043
40.000	-0.043
40.107	-0.042
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40.427	-0.031
40.533	-0.027
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40.747	-0.021
40.853	-0.021
40.960	-0.021
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41.280	-0.023
41.387	-0.024
41.493	-0.025
41.600	-0.026
41.707	-0.027
41.813	-0.027
41.920	-0.028
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42.133	-0.029
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42.560	-0.031
42.667	-0.032
42.773	-0.032
42.880	-0.032
42.987	-0.033
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51.947	-0.034
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53.653	-0.044
53.760	-0.043
53.867	-0.043
53.973	-0.042
54.080	-0.041
54.187	-0.041
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55.147	-0.038
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55.573	-0.037
55.680	-0.036
55.787	-0.036
55.893	-0.036
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56.747	-0.110
56.853	-0.112
56.960	-0.111
57.067	-0.107
57.173	-0.103
57.280	-0.098
57.387	-0.093
57.493	-0.089
57.600	-0.085
57.707	-0.081
57.813	-0.078
57.920	-0.075
58.027	-0.072
58.133	-0.070
58.240	-0.068
58.347	-0.066
58.453	-0.064
58.560	-0.062
58.667	-0.061
58.773	-0.059
58.880	-0.058
58.987	-0.057
59.093	-0.056
59.200	-0.055
59.307	-0.054
59.413	-0.053
59.520	-0.052
59.627	-0.051
59.733	-0.051
59.840	-0.050
59.947	-0.049
60.053	-0.047
60.160	-0.042
60.267	-0.035
60.373	-0.024

60.480	-0.014
60.587	-0.006
60.693	-0.001
60.800	0.000
60.907	-0.001
61.013	-0.003
61.120	-0.005
61.227	-0.008
61.333	-0.010
61.440	-0.013
61.547	-0.015
61.653	-0.016
61.760	-0.018
61.867	-0.020
61.973	-0.021
62.080	-0.022
62.187	-0.023
62.293	-0.024
62.400	-0.025
62.507	-0.026
62.613	-0.027
62.720	-0.027
62.827	-0.028
62.933	-0.029
63.040	-0.029
63.147	-0.030
63.253	-0.030
63.360	-0.030
63.467	-0.031
63.573	-0.031
63.680	-0.032
63.787	-0.032
63.893	-0.032
64.000	-0.032
64.107	-0.030
64.213	-0.026
64.320	-0.019
64.427	-0.009
64.533	-0.001
64.640	0.004
64.747	0.007
64.853	0.007
64.960	0.006
65.067	0.004
65.173	0.002
65.280	-0.000
65.387	-0.002
65.493	-0.004
65.600	-0.006
65.707	-0.008
65.813	-0.009
65.920	-0.010
66.027	-0.012
66.133	-0.013
66.240	-0.014
66.347	-0.015
66.453	-0.016
66.560	-0.017
66.667	-0.017
66.773	-0.018
66.880	-0.019
66.987	-0.019
67.093	-0.020
67.200	-0.021
67.307	-0.021

67.413	-0.022
67.520	-0.022
67.627	-0.022
67.733	-0.023
67.840	-0.023
67.947	-0.023
68.053	-0.023
68.160	-0.023
68.267	-0.021
68.373	-0.019
68.480	-0.017
68.587	-0.015
68.693	-0.014
68.800	-0.013
68.907	-0.013
69.013	-0.013
69.120	-0.013
69.227	-0.014
69.333	-0.015
69.440	-0.015
69.547	-0.016
69.653	-0.016
69.760	-0.017
69.867	-0.017
69.973	-0.018
70.080	-0.018
70.187	-0.019
70.293	-0.019
70.400	-0.019
70.507	-0.020
70.613	-0.020
70.720	-0.020
70.827	-0.021
70.933	-0.021
71.040	-0.021
71.147	-0.021
71.253	-0.022
71.360	-0.022
71.467	-0.022
71.573	-0.022
71.680	-0.022
71.787	-0.022
71.893	-0.023
72.000	-0.023
72.107	-0.022
72.213	-0.022
72.320	-0.020
72.427	-0.018
72.533	-0.016
72.640	-0.015
72.747	-0.014
72.853	-0.013
72.960	-0.013
73.067	-0.013
73.173	-0.013
73.280	-0.013
73.387	-0.014
73.493	-0.014
73.600	-0.014
73.707	-0.015
73.813	-0.015
73.920	-0.015
74.027	-0.015
74.133	-0.016
74.240	-0.016

74.347	-0.016
74.453	-0.016
74.560	-0.017
74.667	-0.017
74.773	-0.017
74.880	-0.017
74.987	-0.017
75.093	-0.018
75.200	-0.018
75.307	-0.018
75.413	-0.018
75.520	-0.018
75.627	-0.018
75.733	-0.018
75.840	-0.018
75.947	-0.018
76.053	-0.018
76.160	-0.018
76.267	-0.018
76.373	-0.018
196.373	-0.004
316.373	-0.001
412.373	-0.000
436.373	0.000
556.373	0.000
676.373	0.000
796.373	0.000

Name: Hyd-3d

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000
0.287	0.000
0.382	0.000
0.478	0.000
0.573	0.000
0.669	0.000
0.764	0.000
0.860	0.000
0.956	0.000
1.051	0.000
1.147	0.000
1.242	0.000
1.338	0.000
1.433	0.000
1.529	0.000
1.624	0.000
1.720	0.000
1.816	0.000
1.911	0.000
2.007	0.000
2.102	0.000
2.198	0.000
2.293	0.000
2.389	0.000
2.484	0.000
2.580	0.000
2.676	0.000
2.771	0.000
2.867	0.000
2.962	0.000

3.058	0.000
3.153	0.000
3.249	0.000
3.344	0.000
3.440	0.000
3.536	0.000
3.631	0.000
3.727	0.000
3.822	0.000
3.918	0.000
4.013	0.000
4.109	0.000
4.204	0.000
4.300	0.000
4.396	0.000
4.491	0.000
4.587	0.000
4.682	0.000
4.778	0.000
4.873	0.000
4.969	0.000
5.064	0.000
5.160	0.000
5.256	0.000
5.351	0.000
5.447	0.000
5.542	0.000
5.638	0.000
5.733	0.000
5.829	0.000
5.924	0.000
6.020	0.000
6.116	0.000
6.211	0.000
6.307	0.000
6.402	0.000
6.498	0.000
6.593	0.000
6.689	0.000
6.784	0.000
6.880	0.000
6.976	0.000
7.071	0.000
7.167	0.000
7.262	0.000
7.358	0.000
7.453	0.000
7.549	0.000
7.644	0.000
7.740	0.000
7.836	0.000
7.931	0.000
8.027	0.000
8.122	0.000
8.218	0.000
8.313	0.000
8.409	0.000
8.504	0.000
8.600	0.000
8.696	0.000
8.791	0.000
8.887	0.000
8.982	0.000
9.078	0.000
9.173	0.000

9.269	0.000
9.364	0.000
9.460	0.000
9.556	0.000
9.651	0.000
9.747	-0.000
9.842	-0.000
9.938	-0.001
10.033	-0.002
10.129	-0.004
10.224	-0.008
10.320	-0.014
10.416	-0.021
10.511	-0.030
10.607	-0.040
10.702	-0.046
10.798	-0.048
10.893	-0.050
10.989	-0.053
11.084	-0.058
11.180	-0.063
11.276	-0.068
11.371	-0.074
11.467	-0.081
11.562	-0.087
11.658	-0.093
11.753	-0.100
11.849	-0.107
11.944	-0.114
12.040	-0.121
12.136	-0.127
12.231	-0.134
12.327	-0.140
12.422	-0.146
12.518	-0.152
12.613	-0.156
12.709	-0.160
12.804	-0.164
12.900	-0.167
12.996	-0.171
13.091	-0.174
13.187	-0.177
13.282	-0.179
13.378	-0.182
13.473	-0.185
13.569	-0.187
13.664	-0.190
13.760	-0.192
13.856	-0.195
13.951	-0.197
14.047	-0.200
14.142	-0.202
14.238	-0.204
14.333	-0.207
14.429	-0.209
14.524	-0.211
14.620	-0.214
14.716	-0.216
14.811	-0.219
14.907	-0.221
15.002	-0.223
15.098	-0.226
15.193	-0.228
15.289	-0.230
15.384	-0.233

15.480	-0.235
15.576	-0.238
15.671	-0.240
15.767	-0.577
15.862	-0.765
15.958	-0.556
16.053	-0.453
16.149	-0.383
16.244	-0.335
16.340	-0.301
16.436	-0.275
16.531	-0.255
16.627	-0.238
16.722	-0.225
16.818	-0.214
16.913	-0.204
17.009	-0.195
17.104	-0.188
17.200	-0.181
17.296	-0.175
17.391	-0.169
17.487	-0.164
17.582	-0.160
17.678	-0.156
17.773	-0.152
17.869	-0.149
17.964	-0.145
18.060	-0.142
18.156	-0.140
18.251	-0.137
18.347	-0.135
18.442	-0.132
18.538	-0.130
18.633	-0.128
18.729	-0.126
18.824	-0.125
18.920	-0.123
19.016	-0.121
19.111	-0.120
19.207	-0.119
19.302	-0.117
19.398	-0.116
19.493	-0.115
19.589	-0.114
19.684	-0.113
19.780	-0.112
19.876	-0.111
19.971	-0.111
20.067	-0.110
20.162	-0.109
20.258	-0.108
20.353	-0.107
20.449	-0.106
20.544	-0.104
20.640	-0.103
20.736	-0.101
20.831	-0.100
20.927	-0.099
21.022	-0.097
21.118	-0.096
21.213	-0.095
21.309	-0.094
21.404	-0.093
21.500	-0.091
21.596	-0.090

21.691	-0.089
21.787	-0.088
21.882	-0.087
21.978	-0.086
22.073	-0.086
22.169	-0.085
22.264	-0.084
22.360	-0.083
22.456	-0.082
22.551	-0.082
22.647	-0.081
22.742	-0.080
22.838	-0.080
22.933	-0.079
23.029	-0.078
23.124	-0.078
23.220	-0.077
23.316	-0.077
23.411	-0.076
23.507	-0.076
23.602	-0.075
23.698	-0.075
23.793	-0.074
23.889	-0.074
23.984	-0.073
24.080	-0.073
24.176	-0.073
24.271	-0.073
24.367	-0.073
24.462	-0.073
24.558	-0.073
24.653	-0.073
24.749	-0.073
24.844	-0.074
24.940	-0.074
25.036	-0.074
25.131	-0.075
25.227	-0.075
25.322	-0.075
25.418	-0.075
25.513	-0.076
25.609	-0.076
25.704	-0.076
25.800	-0.076
25.896	-0.077
25.991	-0.077
26.087	-0.077
26.182	-0.077
26.278	-0.077
26.373	-0.077
26.469	-0.077
26.564	-0.078
26.660	-0.078
26.756	-0.078
26.851	-0.078
26.947	-0.078
27.042	-0.078
27.138	-0.078
27.233	-0.078
27.329	-0.078
27.424	-0.078
27.520	-0.078
27.616	-0.078
27.711	-0.078
27.807	-0.078

27.902	-0.078
27.998	-0.078
28.093	-0.079
28.189	-0.079
28.284	-0.079
28.380	-0.080
28.476	-0.081
28.571	-0.082
28.667	-0.083
28.762	-0.085
28.858	-0.086
28.953	-0.087
29.049	-0.088
29.144	-0.089
29.240	-0.090
29.336	-0.091
29.431	-0.092
29.527	-0.093
29.622	-0.094
29.718	-0.095
29.813	-0.096
29.909	-0.096
30.004	-0.097
30.100	-0.098
30.196	-0.098
30.291	-0.099
30.387	-0.099
30.482	-0.100
30.578	-0.100
30.673	-0.101
30.769	-0.101
30.864	-0.102
30.960	-0.102
31.056	-0.103
31.151	-0.103
31.247	-0.104
31.342	-0.104
31.438	-0.104
31.533	-0.105
31.629	-0.108
31.724	-0.112
31.820	-0.114
31.916	-0.114
32.011	-0.112
32.107	-0.112
32.202	-0.113
32.298	-0.116
32.393	-0.122
32.489	-0.128
32.584	-0.133
32.680	-0.136
32.776	-0.137
32.871	-0.136
32.967	-0.135
33.062	-0.132
33.158	-0.129
33.253	-0.126
33.349	-0.124
33.444	-0.121
33.540	-0.118
33.636	-0.116
33.731	-0.114
33.827	-0.112
33.922	-0.110
34.018	-0.108

34.113	-0.107
34.209	-0.105
34.304	-0.104
34.400	-0.103
34.496	-0.101
34.591	-0.100
34.687	-0.099
34.782	-0.098
34.878	-0.097
34.973	-0.096
35.069	-0.095
35.164	-0.095
35.260	-0.094
35.356	-0.093
35.451	-0.092
35.547	-0.092
35.642	-0.091
35.738	-0.090
35.833	-0.090
35.929	-0.089
36.024	-0.088
36.120	-0.086
36.216	-0.082
36.311	-0.076
36.407	-0.070
36.502	-0.064
36.598	-0.060
36.693	-0.058
36.789	-0.057
36.884	-0.057
36.980	-0.058
37.076	-0.059
37.171	-0.060
37.267	-0.061
37.362	-0.062
37.458	-0.063
37.553	-0.063
37.649	-0.064
37.744	-0.065
37.840	-0.065
37.936	-0.066
38.031	-0.066
38.127	-0.067
38.222	-0.067
38.318	-0.067
38.413	-0.067
38.509	-0.068
38.604	-0.068
38.700	-0.068
38.796	-0.068
38.891	-0.068
38.987	-0.068
39.082	-0.068
39.178	-0.069
39.273	-0.069
39.369	-0.069
39.464	-0.069
39.560	-0.069
39.656	-0.069
39.751	-0.069
39.847	-0.069
39.942	-0.068
40.038	-0.068
40.133	-0.066
40.229	-0.063

40.324	-0.058
40.420	-0.053
40.516	-0.048
40.611	-0.045
40.707	-0.043
40.802	-0.042
40.898	-0.043
40.993	-0.043
41.089	-0.044
41.184	-0.045
41.280	-0.046
41.376	-0.047
41.471	-0.048
41.567	-0.048
41.662	-0.049
41.758	-0.050
41.853	-0.050
41.949	-0.051
42.044	-0.052
42.140	-0.052
42.236	-0.052
42.331	-0.053
42.427	-0.053
42.522	-0.054
42.618	-0.054
42.713	-0.054
42.809	-0.054
42.904	-0.055
43.000	-0.055
43.096	-0.055
43.191	-0.055
43.287	-0.056
43.382	-0.056
43.478	-0.056
43.573	-0.056
43.669	-0.056
43.764	-0.056
43.860	-0.056
43.956	-0.056
44.051	-0.056
44.147	-0.056
44.242	-0.055
44.338	-0.053
44.433	-0.052
44.529	-0.050
44.624	-0.049
44.720	-0.048
44.816	-0.048
44.911	-0.048
45.007	-0.048
45.102	-0.048
45.198	-0.048
45.293	-0.048
45.389	-0.049
45.484	-0.049
45.580	-0.049
45.676	-0.049
45.771	-0.049
45.867	-0.050
45.962	-0.050
46.058	-0.050
46.153	-0.050
46.249	-0.050
46.344	-0.050
46.440	-0.050

46.536	-0.051
46.631	-0.051
46.727	-0.051
46.822	-0.051
46.918	-0.051
47.013	-0.051
47.109	-0.051
47.204	-0.051
47.300	-0.051
47.396	-0.051
47.491	-0.051
47.587	-0.051
47.682	-0.051
47.778	-0.051
47.873	-0.051
47.969	-0.051
48.064	-0.052
48.160	-0.052
48.256	-0.053
48.351	-0.054
48.447	-0.056
48.542	-0.057
48.638	-0.059
48.733	-0.059
48.829	-0.060
48.924	-0.060
49.020	-0.060
49.116	-0.060
49.211	-0.060
49.307	-0.060
49.402	-0.059
49.498	-0.059
49.593	-0.058
49.689	-0.058
49.784	-0.058
49.880	-0.057
49.976	-0.057
50.071	-0.057
50.167	-0.056
50.262	-0.056
50.358	-0.056
50.453	-0.055
50.549	-0.055
50.644	-0.055
50.740	-0.055
50.836	-0.054
50.931	-0.054
51.027	-0.054
51.122	-0.054
51.218	-0.054
51.313	-0.053
51.409	-0.053
51.504	-0.053
51.600	-0.053
51.696	-0.053
51.791	-0.053
51.887	-0.052
51.982	-0.052
52.078	-0.053
52.173	-0.054
52.269	-0.056
52.364	-0.059
52.460	-0.062
52.556	-0.064
52.651	-0.066

52.747	-0.067
52.842	-0.067
52.938	-0.067
53.033	-0.066
53.129	-0.066
53.224	-0.065
53.320	-0.064
53.416	-0.064
53.511	-0.063
53.607	-0.062
53.702	-0.061
53.798	-0.061
53.893	-0.060
53.989	-0.059
54.084	-0.059
54.180	-0.058
54.276	-0.058
54.371	-0.058
54.467	-0.057
54.562	-0.057
54.658	-0.056
54.753	-0.056
54.849	-0.056
54.944	-0.055
55.040	-0.055
55.136	-0.055
55.231	-0.055
55.327	-0.054
55.422	-0.054
55.518	-0.054
55.613	-0.054
55.709	-0.053
55.804	-0.053
55.900	-0.053
55.996	-0.054
56.091	-0.057
56.187	-0.065
56.282	-0.078
56.378	-0.096
56.473	-0.114
56.569	-0.127
56.664	-0.135
56.760	-0.138
56.856	-0.137
56.951	-0.133
57.047	-0.128
57.142	-0.123
57.238	-0.118
57.333	-0.113
57.429	-0.109
57.524	-0.105
57.620	-0.101
57.716	-0.098
57.811	-0.094
57.907	-0.092
58.002	-0.089
58.098	-0.087
58.193	-0.085
58.289	-0.083
58.384	-0.081
58.480	-0.080
58.576	-0.078
58.671	-0.077
58.767	-0.076
58.862	-0.074

58.958	-0.073
59.053	-0.072
59.149	-0.071
59.244	-0.070
59.340	-0.070
59.436	-0.069
59.531	-0.068
59.627	-0.067
59.722	-0.067
59.818	-0.066
59.913	-0.065
60.009	-0.064
60.104	-0.061
60.200	-0.054
60.296	-0.044
60.391	-0.031
60.487	-0.021
60.582	-0.014
60.678	-0.011
60.773	-0.011
60.869	-0.013
60.964	-0.016
61.060	-0.019
61.156	-0.022
61.251	-0.024
61.347	-0.027
61.442	-0.029
61.538	-0.031
61.633	-0.033
61.729	-0.034
61.824	-0.036
61.920	-0.037
62.016	-0.038
62.111	-0.039
62.207	-0.040
62.302	-0.041
62.398	-0.042
62.493	-0.043
62.589	-0.043
62.684	-0.044
62.780	-0.045
62.876	-0.045
62.971	-0.046
63.067	-0.046
63.162	-0.046
63.258	-0.047
63.353	-0.047
63.449	-0.047
63.544	-0.048
63.640	-0.048
63.736	-0.048
63.831	-0.048
63.927	-0.048
64.022	-0.048
64.118	-0.045
64.213	-0.039
64.309	-0.031
64.404	-0.020
64.500	-0.012
64.596	-0.006
64.691	-0.004
64.787	-0.004
64.882	-0.005
64.978	-0.007
65.073	-0.009

65.169	-0.012
65.264	-0.014
65.360	-0.016
65.456	-0.018
65.551	-0.020
65.647	-0.021
65.742	-0.023
65.838	-0.024
65.933	-0.026
66.029	-0.027
66.124	-0.028
66.220	-0.029
66.316	-0.030
66.411	-0.031
66.507	-0.031
66.602	-0.032
66.698	-0.033
66.793	-0.034
66.889	-0.034
66.984	-0.035
67.080	-0.035
67.176	-0.036
67.271	-0.036
67.367	-0.037
67.462	-0.037
67.558	-0.037
67.653	-0.038
67.749	-0.038
67.844	-0.038
67.940	-0.039
68.036	-0.039
68.131	-0.038
68.227	-0.036
68.322	-0.034
68.418	-0.031
68.513	-0.029
68.609	-0.027
68.704	-0.026
68.800	-0.026
68.896	-0.026
68.991	-0.026
69.087	-0.027
69.182	-0.027
69.278	-0.028
69.373	-0.029
69.469	-0.029
69.564	-0.030
69.660	-0.030
69.756	-0.031
69.851	-0.031
69.947	-0.032
70.042	-0.032
70.138	-0.032
70.233	-0.033
70.329	-0.033
70.424	-0.033
70.520	-0.034
70.616	-0.034
70.711	-0.034
70.807	-0.035
70.902	-0.035
70.998	-0.035
71.093	-0.035
71.189	-0.035
71.284	-0.036

71.380	-0.036
71.476	-0.036
71.571	-0.036
71.667	-0.036
71.762	-0.036
71.858	-0.037
71.953	-0.037
72.049	-0.036
72.144	-0.036
72.240	-0.035
72.336	-0.033
72.431	-0.030
72.527	-0.028
72.622	-0.027
72.718	-0.026
72.813	-0.026
72.909	-0.025
73.004	-0.025
73.100	-0.026
73.196	-0.026
73.291	-0.026
73.387	-0.026
73.482	-0.027
73.578	-0.027
73.673	-0.027
73.769	-0.028
73.864	-0.028
73.960	-0.028
74.056	-0.028
74.151	-0.029
74.247	-0.029
74.342	-0.029
74.438	-0.029
74.533	-0.030
74.629	-0.030
74.724	-0.030
74.820	-0.030
74.916	-0.030
75.011	-0.030
75.107	-0.030
75.202	-0.030
75.298	-0.030
75.393	-0.030
75.489	-0.030
75.584	-0.030
75.680	-0.029
75.776	-0.029
75.871	-0.029
195.871	-0.004
315.871	-0.000
411.871	0.000
435.871	0.000
555.871	0.000
675.871	0.000
795.871	0.000

Name: Hyd-3d

Node: Node308

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000

0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000
0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000

1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
1.689	0.000
1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000
1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
2.044	0.000
2.067	0.000
2.089	0.000
2.111	0.000
2.133	0.000
2.156	0.000
2.178	0.000
2.200	0.000
2.222	0.000
2.244	0.000
2.267	0.000
2.289	0.000
2.311	0.000
2.333	0.000
2.356	0.000
2.378	0.000
2.400	0.000
2.422	0.000
2.444	0.000
2.467	0.000
2.489	0.000
2.511	0.000
2.533	0.000
2.556	0.000
2.578	0.000
2.600	0.000
2.622	0.000
2.644	0.000
2.667	0.000
2.689	0.000
2.711	0.000
2.733	0.000
2.756	0.000
2.778	0.000
2.800	0.000
2.822	0.000
2.844	0.000
2.867	0.000
2.889	0.000
2.911	0.000
2.933	0.000
2.956	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

2.978	0.000
3.000	0.000
3.022	0.000
3.044	0.000
3.067	0.000
3.089	0.000
3.111	0.000
3.133	0.000
3.156	0.000
3.178	0.000
3.200	0.000
3.222	0.000
3.244	0.000
3.267	0.000
3.289	0.000
3.311	0.000
3.333	0.000
3.356	0.000
3.378	0.000
3.400	0.000
3.422	0.000
3.444	0.000
3.467	0.000
3.489	0.000
3.511	0.000
3.533	0.000
3.556	0.000
3.578	0.000
3.600	0.000
3.622	0.000
3.644	0.000
3.667	0.000
3.689	0.000
3.711	0.000
3.733	0.000
3.756	0.000
3.778	0.000
3.800	0.000
3.822	0.000
3.844	0.000
3.867	0.000
3.889	0.000
3.911	0.000
3.933	0.000
3.956	0.000
3.978	0.000
4.000	0.000
4.022	0.000
4.044	0.000
4.067	0.000
4.089	0.000
4.111	0.000
4.133	0.000
4.156	0.000
4.178	0.000
4.200	0.000
4.222	0.000
4.244	0.000
4.267	0.000
4.289	0.000
4.311	0.000
4.333	0.000
4.356	0.000
4.378	0.000
4.400	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

4.422	0.000
4.444	0.000
4.467	0.000
4.489	0.000
4.511	0.000
4.533	0.000
4.556	0.000
4.578	0.000
4.600	0.000
4.622	0.000
4.644	0.000
4.667	0.000
4.689	0.000
4.711	0.000
4.733	0.000
4.756	0.000
4.778	0.000
4.800	0.000
4.822	0.000
4.844	0.000
4.867	0.000
4.889	0.000
4.911	0.000
4.933	0.000
4.956	0.000
4.978	0.000
5.000	0.000
5.022	0.000
5.044	0.000
5.067	0.000
5.089	0.000
5.111	0.000
5.133	0.000
5.156	0.000
5.178	0.000
5.200	0.000
5.222	0.000
5.244	0.000
5.267	0.000
5.289	0.000
5.311	0.000
5.333	0.000
5.356	0.000
5.378	0.000
5.400	0.000
5.422	0.000
5.444	0.000
5.467	0.000
5.489	0.000
5.511	0.000
5.533	0.000
5.556	0.000
5.578	0.000
5.600	0.000
5.622	0.000
5.644	0.000
5.667	0.000
5.689	0.000
5.711	0.000
5.733	0.000
5.756	0.000
5.778	0.000
5.800	0.000
5.822	0.000
5.844	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

5.867	0.000
5.889	0.000
5.911	0.000
5.933	0.000
5.956	0.000
5.978	0.000
6.000	0.000
6.022	0.000
6.044	0.000
6.067	0.000
6.089	0.000
6.111	0.000
6.133	0.000
6.156	0.000
6.178	0.000
6.200	0.000
6.222	0.000
6.244	0.000
6.267	0.000
6.289	0.000
6.311	0.000
6.333	0.000
6.356	0.000
6.378	0.000
6.400	-0.000
6.422	-0.000
6.444	-0.000
6.467	-0.000
6.489	-0.000
6.511	-0.000
6.533	-0.000
6.556	-0.000
6.578	-0.000
6.600	-0.001
6.622	-0.001
6.644	-0.001
6.667	-0.001
6.689	-0.001
6.711	-0.001
6.733	-0.002
6.756	-0.002
6.778	-0.002
6.800	-0.002
6.822	-0.002
6.844	-0.003
6.867	-0.003
6.889	-0.003
6.911	-0.003
6.933	-0.003
6.956	-0.004
6.978	-0.004
7.000	-0.004
7.022	-0.004
7.044	-0.005
7.067	-0.005
7.089	-0.005
7.111	-0.005
7.133	-0.005
7.156	-0.006
7.178	-0.006
7.200	-0.006
7.222	-0.006
7.244	-0.007
7.267	-0.007
7.289	-0.007

7.311	-0.007
7.333	-0.007
7.356	-0.008
7.378	-0.008
7.400	-0.008
7.422	-0.008
7.444	-0.008
7.467	-0.009
7.489	-0.009
7.511	-0.009
7.533	-0.009
7.556	-0.009
7.578	-0.010
7.600	-0.010
7.622	-0.010
7.644	-0.010
7.667	-0.010
7.689	-0.011
7.711	-0.011
7.733	-0.011
7.756	-0.011
7.778	-0.011
7.800	-0.012
7.822	-0.012
7.844	-0.012
7.867	-0.012
7.889	-0.012
7.911	-0.013
7.933	-0.013
7.956	-0.013
7.978	-0.013
8.000	-0.013
8.022	-0.014
8.044	-0.016
8.067	-0.018
8.089	-0.021
8.111	-0.025
8.133	-0.029
8.156	-0.032
8.178	-0.035
8.200	-0.038
8.222	-0.041
8.244	-0.044
8.267	-0.046
8.289	-0.049
8.311	-0.051
8.333	-0.053
8.356	-0.055
8.378	-0.057
8.400	-0.059
8.422	-0.061
8.444	-0.062
8.467	-0.062
8.489	-0.062
8.511	-0.062
8.533	-0.062
8.556	-0.062
8.578	-0.063
8.600	-0.063
8.622	-0.064
8.644	-0.064
8.667	-0.065
8.689	-0.065
8.711	-0.066
8.733	-0.066

8.756	-0.067
8.778	-0.067
8.800	-0.068
8.822	-0.069
8.844	-0.070
8.867	-0.070
8.889	-0.071
8.911	-0.072
8.933	-0.072
8.956	-0.073
8.978	-0.074
9.000	-0.075
9.022	-0.075
9.044	-0.076
9.067	-0.077
9.089	-0.078
9.111	-0.079
9.133	-0.079
9.156	-0.080
9.178	-0.081
9.200	-0.082
9.222	-0.083
9.244	-0.083
9.267	-0.084
9.289	-0.085
9.311	-0.086
9.333	-0.087
9.356	-0.087
9.378	-0.088
9.400	-0.089
9.422	-0.090
9.444	-0.091
9.467	-0.091
9.489	-0.092
9.511	-0.093
9.533	-0.094
9.556	-0.095
9.578	-0.095
9.600	-0.096
9.622	-0.097
9.644	-0.098
9.667	-0.099
9.689	-0.099
9.711	-0.100
9.733	-0.101
9.756	-0.102
9.778	-0.103
9.800	-0.103
9.822	-0.104
9.844	-0.105
9.867	-0.106
9.889	-0.106
9.911	-0.107
9.933	-0.108
9.956	-0.109
9.978	-0.109
10.000	-0.110
10.022	-0.111
10.044	-0.112
10.067	-0.112
10.089	-0.113
10.111	-0.114
10.133	-0.115
10.156	-0.115
10.178	-0.116

10.200	-0.117
10.222	-0.117
10.244	-0.118
10.267	-0.119
10.289	-0.120
10.311	-0.120
10.333	-0.121
10.356	-0.122
10.378	-0.122
10.400	-0.123
10.422	-0.124
10.444	-0.124
10.467	-0.125
10.489	-0.126
10.511	-0.126
10.533	-0.127
10.556	-0.128
10.578	-0.128
10.600	-0.129
10.622	-0.130
10.644	-0.130
10.667	-0.131
10.689	-0.132
10.711	-0.132
10.733	-0.133
10.756	-0.134
10.778	-0.134
10.800	-0.135
10.822	-0.136
10.844	-0.136
10.867	-0.137
10.889	-0.137
10.911	-0.138
10.933	-0.139
10.956	-0.139
10.978	-0.140
11.000	-0.140
11.022	-0.141
11.044	-0.142
11.067	-0.142
11.089	-0.143
11.111	-0.143
11.133	-0.144
11.156	-0.145
11.178	-0.145
11.200	-0.146
11.222	-0.146
11.244	-0.147
11.267	-0.148
11.289	-0.148
11.311	-0.149
11.333	-0.149
11.356	-0.150
11.378	-0.150
11.400	-0.151
11.422	-0.151
11.444	-0.152
11.467	-0.153
11.489	-0.153
11.511	-0.154
11.533	-0.154
11.556	-0.155
11.578	-0.155
11.600	-0.156
11.622	-0.156

11.644	-0.157
11.667	-0.157
11.689	-0.158
11.711	-0.158
11.733	-0.159
11.756	-0.159
11.778	-0.160
11.800	-0.161
11.822	-0.161
11.844	-0.162
11.867	-0.162
11.889	-0.163
11.911	-0.163
11.933	-0.317
11.956	-0.386
11.978	-0.290
12.000	-0.267
12.022	-0.248
12.044	-0.231
12.067	-0.216
12.089	-0.202
12.111	-0.190
12.133	-0.180
12.156	-0.170
12.178	-0.162
12.200	-0.154
12.222	-0.147
12.244	-0.141
12.267	-0.136
12.289	-0.131
12.311	-0.126
12.333	-0.122
12.356	-0.119
12.378	-0.115
12.400	-0.112
12.422	-0.109
12.444	-0.107
12.467	-0.105
12.489	-0.102
12.511	-0.100
12.533	-0.099
12.556	-0.097
12.578	-0.095
12.600	-0.094
12.622	-0.092
12.644	-0.091
12.667	-0.090
12.689	-0.089
12.711	-0.088
12.733	-0.087
12.756	-0.086
12.778	-0.085
12.800	-0.084
12.822	-0.083
12.844	-0.083
12.867	-0.082
12.889	-0.081
12.911	-0.081
12.933	-0.080
12.956	-0.080
12.978	-0.079
13.000	-0.079
13.022	-0.078
13.044	-0.078
13.067	-0.077

13.089	-0.077
13.111	-0.076
13.133	-0.076
13.156	-0.076
13.178	-0.075
13.200	-0.075
13.222	-0.075
13.244	-0.074
13.267	-0.074
13.289	-0.074
13.311	-0.074
13.333	-0.073
13.356	-0.073
13.378	-0.073
13.400	-0.073
13.422	-0.072
13.444	-0.072
13.467	-0.072
13.489	-0.072
13.511	-0.072
13.533	-0.071
13.556	-0.071
13.578	-0.071
13.600	-0.071
13.622	-0.071
13.644	-0.071
13.667	-0.070
13.689	-0.070
13.711	-0.070
13.733	-0.070
13.756	-0.070
13.778	-0.070
13.800	-0.070
13.822	-0.069
13.844	-0.069
13.867	-0.069
13.889	-0.069
13.911	-0.069
13.933	-0.069
13.956	-0.069
13.978	-0.069
14.000	-0.069
14.022	-0.068
14.044	-0.068
14.067	-0.068
14.089	-0.068
14.111	-0.068
14.133	-0.068
14.156	-0.068
14.178	-0.068
14.200	-0.068
14.222	-0.068
14.244	-0.068
14.267	-0.067
14.289	-0.067
14.311	-0.067
14.333	-0.067
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14.378	-0.067
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72.867	-0.021
72.889	-0.021
72.911	-0.021
192.911	-0.003
312.911	-0.002
408.911	-0.001
432.911	-0.001
552.911	-0.000
672.911	-0.000
792.911	0.000

Name: Hyd-7d

Node: Node300

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	0.000
0.844	0.000
0.929	0.000
1.013	0.000
1.098	0.000
1.182	0.000
1.267	0.000
1.351	0.000
1.436	0.000
1.520	0.000
1.604	0.000
1.689	0.000
1.773	0.000
1.858	0.000
1.942	0.000

2.027	0.000
2.111	0.000
2.196	0.000
2.280	0.000
2.364	0.000
2.449	0.000
2.533	0.000
2.618	0.000
2.702	0.000
2.787	0.000
2.871	0.000
2.956	0.000
3.040	0.000
3.124	0.000
3.209	0.000
3.293	0.000
3.378	0.000
3.462	0.000
3.547	0.000
3.631	0.000
3.716	0.000
3.800	0.000
3.884	0.000
3.969	0.000
4.053	0.000
4.138	0.000
4.222	0.000
4.307	0.000
4.391	0.000
4.476	0.000
4.560	0.000
4.644	0.000
4.729	0.000
4.813	0.000
4.898	0.000
4.982	0.000
5.067	0.000
5.151	0.000
5.236	0.000
5.320	0.000
5.404	0.000
5.489	0.000
5.573	0.000
5.658	0.000
5.742	0.000
5.827	0.000
5.911	0.000
5.996	0.000
6.080	0.000
6.164	0.000
6.249	0.000
6.333	0.000
6.418	0.000
6.502	0.000
6.587	0.000
6.671	0.000
6.756	0.000
6.840	0.000
6.924	0.000
7.009	0.000
7.093	0.000
7.178	0.000
7.262	0.000
7.347	0.000
7.431	0.000

7.516	0.000
7.600	0.000
7.684	0.000
7.769	0.000
7.853	0.000
7.938	0.000
8.022	0.000
8.107	0.000
8.191	0.000
8.276	0.000
8.360	0.000
8.444	0.000
8.529	0.000
8.613	0.000
8.698	0.000
8.782	0.000
8.867	0.000
8.951	0.000
9.036	0.000
9.120	0.000
9.204	0.000
9.289	0.000
9.373	0.000
9.458	0.000
9.542	0.000
9.627	0.000
9.711	0.000
9.796	0.000
9.880	0.000
9.964	0.000
10.049	0.000
10.133	0.000
10.218	0.000
10.302	0.000
10.387	0.000
10.471	0.000
10.556	0.000
10.640	0.000
10.724	0.000
10.809	0.000
10.893	-0.000
10.978	-0.000
11.062	-0.000
11.147	-0.000
11.231	-0.000
11.316	-0.001
11.400	-0.001
11.484	-0.001
11.569	-0.002
11.653	-0.002
11.738	-0.002
11.822	-0.003
11.907	-0.003
11.991	-0.004
12.076	-0.005
12.160	-0.005
12.244	-0.006
12.329	-0.006
12.413	-0.007
12.498	-0.008
12.582	-0.008
12.667	-0.009
12.751	-0.010
12.836	-0.010
12.920	-0.011

13.004	-0.012
13.089	-0.012
13.173	-0.013
13.258	-0.014
13.342	-0.014
13.427	-0.015
13.511	-0.016
13.596	-0.016
13.680	-0.017
13.764	-0.018
13.849	-0.018
13.933	-0.019
14.018	-0.019
14.102	-0.020
14.187	-0.021
14.271	-0.021
14.356	-0.022
14.440	-0.023
14.524	-0.023
14.609	-0.024
14.693	-0.025
14.778	-0.025
14.862	-0.026
14.947	-0.026
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15.116	-0.028
15.200	-0.028
15.284	-0.029
15.369	-0.030
15.453	-0.030
15.538	-0.031
15.622	-0.031
15.707	-0.032
15.791	-0.033
15.876	-0.033
15.960	-0.034
16.044	-0.034
16.129	-0.035
16.213	-0.036
16.298	-0.036
16.382	-0.037
16.467	-0.038
16.551	-0.039
16.636	-0.039
16.720	-0.040
16.804	-0.041
16.889	-0.041
16.973	-0.042
17.058	-0.043
17.142	-0.043
17.227	-0.044
17.311	-0.044
17.396	-0.045
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17.649	-0.047
17.733	-0.047
17.818	-0.048
17.902	-0.049
17.987	-0.049
18.071	-0.050
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18.240	-0.051
18.324	-0.052
18.409	-0.052

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18.578	-0.053
18.662	-0.054
18.747	-0.054
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18.916	-0.055
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19.169	-0.057
19.253	-0.058
19.338	-0.058
19.422	-0.059
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19.591	-0.060
19.676	-0.060
19.760	-0.061
19.844	-0.061
19.929	-0.062
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20.098	-0.063
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20.267	-0.064
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21.196	-0.069
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21.871	-0.073
21.956	-0.074
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22.716	-0.078
22.800	-0.078
22.884	-0.079
22.969	-0.079
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23.898	-0.084

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24.911	-0.111
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28.964	-0.151
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29.133	-0.152
29.218	-0.153
29.302	-0.153
29.387	-0.154

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30.822	-0.163
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30.991	-0.164
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31.244	-0.166
31.329	-0.166
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31.498	-0.168
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31.751	-0.169
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31.920	-0.170
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41.209	-0.169
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41.884	-0.157
41.969	-0.155
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42.138	-0.152
42.222	-0.151
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43.573	-0.136
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43.742	-0.134
43.827	-0.133
43.911	-0.133
43.996	-0.132
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44.164	-0.131
44.249	-0.130
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118.644	-0.076
118.729	-0.076
118.813	-0.076
118.898	-0.076
118.982	-0.076
119.067	-0.076
119.151	-0.076
119.236	-0.076
119.320	-0.076
119.404	-0.076
119.489	-0.076
119.573	-0.076
119.658	-0.076
119.742	-0.076
119.827	-0.076
119.911	-0.076
119.996	-0.076
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120.249	-0.077
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120.840	-0.080
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121.853	-0.086
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122.613	-0.089
122.698	-0.090

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150.987	-0.069
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151.831	-0.069
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152.169	-0.070
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152.845	-0.102
152.929	-0.105
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153.773	-0.121
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153.942	-0.122
154.027	-0.122
154.111	-0.122
154.196	-0.122
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154.364	-0.122
154.449	-0.121
154.533	-0.121
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154.702	-0.120
154.787	-0.119
154.871	-0.119
154.956	-0.118
155.040	-0.117
155.125	-0.117
155.209	-0.116
155.293	-0.115
155.378	-0.114
155.462	-0.113
155.547	-0.113
155.631	-0.112

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155.884	-0.110
155.969	-0.109
156.053	-0.108
156.138	-0.108
156.222	-0.107
156.307	-0.106
156.391	-0.106
156.476	-0.105
156.560	-0.104
156.644	-0.104
156.729	-0.103
156.813	-0.102
156.898	-0.102
156.982	-0.101
157.067	-0.101
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157.573	-0.098
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157.827	-0.096
157.911	-0.096
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159.853	-0.088
159.938	-0.088
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160.107	-0.086
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160.360	-0.074
160.444	-0.067
160.529	-0.061
160.613	-0.056
160.698	-0.051
160.782	-0.047
160.867	-0.044
160.951	-0.041
161.036	-0.039
161.120	-0.037

161.204	-0.035
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161.458	-0.032
161.542	-0.031
161.627	-0.031
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161.796	-0.030
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161.964	-0.030
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162.218	-0.030
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162.893	-0.032
162.978	-0.033
163.062	-0.033
163.147	-0.034
163.231	-0.034
163.316	-0.034
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163.485	-0.035
163.569	-0.036
163.653	-0.036
163.738	-0.037
163.822	-0.037
163.907	-0.038
163.991	-0.038
164.076	-0.038
164.160	-0.039
164.244	-0.039
164.329	-0.039
164.413	-0.040
164.498	-0.040
164.582	-0.041
164.667	-0.041
164.751	-0.041
164.836	-0.042
164.920	-0.042
165.004	-0.042
165.089	-0.042
165.173	-0.043
165.258	-0.043
165.342	-0.043
165.427	-0.044
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165.765	-0.045
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165.933	-0.045
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166.187	-0.046
166.271	-0.046
166.356	-0.046
166.440	-0.047
166.524	-0.047
166.609	-0.047

166.693	-0.047
166.778	-0.047
166.862	-0.047
166.947	-0.048
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167.116	-0.048
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167.453	-0.049
167.538	-0.049
167.622	-0.049
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167.791	-0.049
167.875	-0.049
167.960	-0.049
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168.213	-0.049
168.298	-0.048
168.382	-0.047
168.467	-0.046
168.551	-0.045
168.636	-0.044
168.720	-0.044
168.804	-0.043
168.889	-0.042
168.973	-0.042
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169.142	-0.041
169.227	-0.040
169.311	-0.040
169.396	-0.040
169.480	-0.039
169.564	-0.039
169.649	-0.039
169.733	-0.039
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169.902	-0.038
169.987	-0.038
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170.155	-0.038
170.240	-0.038
170.324	-0.038
170.409	-0.038
170.493	-0.038
170.578	-0.038
170.662	-0.038
170.747	-0.038
170.831	-0.038
170.916	-0.038
171.000	-0.038
171.084	-0.038
171.169	-0.039
171.253	-0.039
171.338	-0.039
171.422	-0.039
291.422	0.009
411.422	-0.019
507.422	-0.016
531.422	-0.016
651.422	-0.012
771.422	-0.010
891.422	0.000

Name: Hyd-7d		Node: Node301	Type: Flow
Time(hrs)	Flow(cfs)		
0.000	0.000		
0.107	0.000		
0.213	0.000		
0.320	0.000		
0.427	0.000		
0.533	0.000		
0.640	0.000		
0.747	0.000		
0.853	0.000		
0.960	0.000		
1.067	0.000		
1.173	0.000		
1.280	0.000		
1.387	0.000		
1.493	0.000		
1.600	0.000		
1.707	0.000		
1.813	0.000		
1.920	0.000		
2.027	0.000		
2.133	0.000		
2.240	0.000		
2.347	0.000		
2.453	0.000		
2.560	0.000		
2.667	0.000		
2.773	0.000		
2.880	0.000		
2.987	0.000		
3.093	0.000		
3.200	0.000		
3.307	0.000		
3.413	0.000		
3.520	0.000		
3.627	0.000		
3.733	0.000		
3.840	0.000		
3.947	0.000		
4.053	0.000		
4.160	0.000		
4.267	0.000		
4.373	0.000		
4.480	0.000		
4.587	0.000		
4.693	0.000		
4.800	0.000		
4.907	0.000		
5.013	0.000		
5.120	0.000		
5.227	0.000		
5.333	0.000		
5.440	0.000		
5.547	0.000		
5.653	0.000		
5.760	0.000		
5.867	0.000		
5.973	0.000		
6.080	0.000		
6.187	0.000		
6.293	0.000		

6.400	0.000
6.507	0.000
6.613	0.000
6.720	0.000
6.827	0.000
6.933	0.000
7.040	0.000
7.147	0.000
7.253	0.000
7.360	0.000
7.467	0.000
7.573	0.000
7.680	0.000
7.787	0.000
7.893	0.000
8.000	0.000
8.107	0.000
8.213	0.000
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8.853	0.000
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14.827	0.000
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15.040	0.000
15.147	0.000
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15.893	0.000
16.000	0.000
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18.880	0.000
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19.200	0.000
19.307	0.000
19.413	0.000
19.520	0.000
19.627	0.000
19.733	0.000
19.840	0.000
19.947	0.000
20.053	0.000
20.160	0.000

20.267	0.000
20.373	0.000
20.480	0.000
20.587	0.000
20.693	0.000
20.800	0.000
20.907	0.000
21.013	0.000
21.120	0.000
21.227	0.000
21.333	0.000
21.440	0.000
21.547	0.000
21.653	0.000
21.760	0.000
21.867	0.000
21.973	0.000
22.080	0.000
22.187	0.000
22.293	0.000
22.400	0.000
22.507	0.000
22.613	0.000
22.720	0.000
22.827	0.000
22.933	-0.000
23.040	-0.000
23.147	-0.000
23.253	-0.000
23.360	-0.000
23.467	-0.000
23.573	-0.000
23.680	-0.001
23.787	-0.001
23.893	-0.001
24.000	-0.001
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24.213	-0.002
24.320	-0.002
24.427	-0.003
24.533	-0.003
24.640	-0.004
24.747	-0.004
24.853	-0.005
24.960	-0.006
25.067	-0.006
25.173	-0.007
25.280	-0.007
25.387	-0.008
25.493	-0.009
25.600	-0.009
25.707	-0.010
25.813	-0.010
25.920	-0.011
26.027	-0.012
26.133	-0.012
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30.933	-0.039
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31.253	-0.041
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33.280	-0.103
33.387	-0.109
33.493	-0.116
33.600	-0.122
33.707	-0.128
33.813	-0.134
33.920	-0.140
34.027	-0.146

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34.240	-0.157
34.347	-0.163
34.453	-0.169
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34.987	-0.279
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35.200	-0.201
35.307	-0.183
35.413	-0.170
35.520	-0.162
35.627	-0.156
35.733	-0.151
35.840	-0.148
35.947	-0.145
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36.160	-0.142
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36.693	-0.138
36.800	-0.137
36.907	-0.137
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37.227	-0.137
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37.440	-0.137
37.547	-0.137
37.653	-0.137
37.760	-0.137
37.867	-0.137
37.973	-0.137
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38.187	-0.148
38.293	-0.158
38.400	-0.160
38.507	-0.155
38.613	-0.149
38.720	-0.143
38.827	-0.137
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39.147	-0.123
39.253	-0.119
39.360	-0.116
39.467	-0.113
39.573	-0.110
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41.387	-0.067
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41.600	-0.066
41.707	-0.066
41.813	-0.066
41.920	-0.066
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42.133	-0.066
42.240	-0.066
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42.667	-0.065
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42.880	-0.064
42.987	-0.064
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43.307	-0.064
43.413	-0.063
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43.627	-0.063
43.733	-0.063
43.840	-0.063
43.947	-0.062
44.053	-0.062
44.160	-0.062
44.267	-0.062
44.373	-0.062
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44.587	-0.061
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110.293	-0.024

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149.760	-0.021
149.867	-0.021
149.973	-0.021
150.080	-0.021
150.187	-0.021
150.293	-0.021
150.400	-0.021
150.507	-0.021
150.613	-0.021
150.720	-0.021
150.827	-0.021
150.933	-0.021
151.040	-0.021
151.147	-0.021
151.253	-0.021
151.360	-0.021
151.467	-0.021
151.573	-0.021
151.680	-0.021
151.787	-0.021
151.893	-0.021

152.000	-0.021
152.107	-0.024
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152.960	-0.079
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155.093	-0.037
155.200	-0.037
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155.413	-0.035
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155.627	-0.034
155.733	-0.034
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155.947	-0.033
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157.013	-0.030
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157.440	-0.029
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157.760	-0.029
157.867	-0.029
157.973	-0.029
158.080	-0.029
158.187	-0.029
158.293	-0.028
158.400	-0.028
158.507	-0.028
158.613	-0.028
158.720	-0.028
158.827	-0.028

158.933	-0.028
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159.147	-0.028
159.253	-0.028
159.360	-0.028
159.467	-0.028
159.573	-0.028
159.680	-0.027
159.787	-0.027
159.893	-0.027
160.000	-0.027
160.107	-0.023
160.213	-0.016
160.320	-0.004
160.427	0.010
160.533	0.023
160.640	0.032
160.747	0.036
160.853	0.036
160.960	0.034
161.067	0.031
161.173	0.027
161.280	0.024
161.387	0.021
161.493	0.018
161.600	0.015
161.707	0.013
161.813	0.010
161.920	0.008
162.027	0.007
162.133	0.005
162.240	0.003
162.347	0.002
162.453	0.001
162.560	-0.001
162.667	-0.002
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162.880	-0.004
162.987	-0.005
163.093	-0.006
163.200	-0.007
163.307	-0.007
163.413	-0.008
163.520	-0.009
163.627	-0.009
163.733	-0.010
163.840	-0.011
163.947	-0.011
164.053	-0.012
164.160	-0.012
164.267	-0.013
164.373	-0.013
164.480	-0.013
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164.693	-0.014
164.800	-0.014
164.907	-0.014
165.013	-0.015
165.120	-0.015
165.227	-0.015
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165.440	-0.015
165.547	-0.015
165.653	-0.015
165.760	-0.015

165.867	-0.016
165.973	-0.016
166.080	-0.016
166.187	-0.016
166.293	-0.016
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166.507	-0.016
166.613	-0.016
166.720	-0.016
166.827	-0.016
166.933	-0.016
167.040	-0.016
167.147	-0.016
167.253	-0.016
167.360	-0.016
167.467	-0.016
167.573	-0.017
167.680	-0.017
167.787	-0.017
167.893	-0.017
168.000	-0.017
168.107	-0.016
168.213	-0.015
168.320	-0.012
168.427	-0.009
168.533	-0.006
168.640	-0.004
168.747	-0.003
168.853	-0.002
168.960	-0.002
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169.173	-0.002
169.280	-0.003
169.387	-0.003
169.493	-0.004
169.600	-0.004
169.707	-0.005
169.813	-0.005
169.920	-0.006
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170.133	-0.006
170.240	-0.007
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170.667	-0.008
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170.987	-0.009
171.093	-0.009
171.200	-0.009
171.307	-0.009
171.413	-0.010
171.520	-0.010
171.627	-0.010
171.733	-0.010
171.840	-0.010
171.947	-0.011
172.053	-0.011
172.160	-0.011
172.267	-0.011
172.373	-0.011
292.373	-0.003
412.373	-0.001
508.373	0.000

Name: Hyd-7d		Node: Node302	Type: Flow
Time(hrs)	Flow(cfs)		
0.000	0.000		
0.096	0.000		
0.191	0.000		
0.287	0.000		
0.382	0.000		
0.478	0.000		
0.573	0.000		
0.669	0.000		
0.764	0.000		
0.860	0.000		
0.956	0.000		
1.051	0.000		
1.147	0.000		
1.242	0.000		
1.338	0.000		
1.433	0.000		
1.529	0.000		
1.624	0.000		
1.720	0.000		
1.816	0.000		
1.911	0.000		
2.007	0.000		
2.102	0.000		
2.198	0.000		
2.293	0.000		
2.389	0.000		
2.484	0.000		
2.580	0.000		
2.676	0.000		
2.771	0.000		
2.867	0.000		
2.962	0.000		
3.058	0.000		
3.153	0.000		
3.249	0.000		
3.344	0.000		
3.440	0.000		
3.536	0.000		
3.631	0.000		
3.727	0.000		
3.822	0.000		
3.918	0.000		
4.013	0.000		
4.109	0.000		
4.204	0.000		
4.300	0.000		
4.396	0.000		
4.491	0.000		
4.587	0.000		
4.682	0.000		
4.778	0.000		
4.873	0.000		
4.969	0.000		
5.064	0.000		
5.160	0.000		
5.256	0.000		
5.351	0.000		
5.447	0.000		
5.542	0.000		

5.638	0.000
5.733	0.000
5.829	0.000
5.924	0.000
6.020	0.000
6.116	0.000
6.211	0.000
6.307	0.000
6.402	0.000
6.498	0.000
6.593	0.000
6.689	0.000
6.784	0.000
6.880	0.000
6.976	0.000
7.071	0.000
7.167	0.000
7.262	0.000
7.358	0.000
7.453	0.000
7.549	0.000
7.644	0.000
7.740	0.000
7.836	0.000
7.931	0.000
8.027	0.000
8.122	0.000
8.218	0.000
8.313	0.000
8.409	0.000
8.504	0.000
8.600	0.000
8.696	0.000
8.791	0.000
8.887	0.000
8.982	0.000
9.078	0.000
9.173	0.000
9.269	0.000
9.364	0.000
9.460	0.000
9.556	0.000
9.651	0.000
9.747	0.000
9.842	0.000
9.938	0.000
10.033	0.000
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10.702	0.000
10.798	0.000
10.893	0.000
10.989	0.000
11.084	0.000
11.180	0.000
11.276	0.000
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11.753	0.000

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16.818	0.000
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17.104	0.000
17.200	0.000
17.296	0.000
17.391	0.000
17.487	0.000
17.582	0.000
17.678	0.000
17.773	0.000
17.869	0.000
17.964	0.000

18.060	0.000
18.156	0.000
18.251	0.000
18.347	0.000
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Name: Hyd-7d

Node: Node308

Type: Flow

Time(hrs) Flow(cfs)

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0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
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0.778	0.000
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0.822	0.000
0.844	0.000
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0.889	0.000
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GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

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168.911	-0.013
288.911	-0.000
408.911	-0.002
504.911	-0.001
528.911	-0.001

648.911	-0.000
768.911	-0.000
888.911	0.000

Name: Hyd-10d

Node: Node300

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.084	0.000
0.169	0.000
0.253	0.000
0.338	0.000
0.422	0.000
0.507	0.000
0.591	0.000
0.676	0.000
0.760	0.000
0.844	0.000
0.929	0.000
1.013	0.000
1.098	0.000
1.182	0.000
1.267	0.000
1.351	0.000
1.436	0.000
1.520	0.000
1.604	0.000
1.689	0.000
1.773	0.000
1.858	0.000
1.942	0.000
2.027	0.000
2.111	0.000
2.196	0.000
2.280	0.000
2.364	0.000
2.449	0.000
2.533	0.000
2.618	0.000
2.702	0.000
2.787	0.000
2.871	0.000
2.956	0.000
3.040	0.000
3.124	0.000
3.209	0.000
3.293	0.000
3.378	0.000
3.462	0.000
3.547	0.000
3.631	0.000
3.716	0.000
3.800	0.000
3.884	0.000
3.969	0.000
4.053	0.000
4.138	0.000
4.222	0.000
4.307	0.000
4.391	0.000
4.476	0.000
4.560	0.000
4.644	0.000

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4.813	0.000
4.898	0.000
4.982	0.000
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5.151	0.000
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5.658	0.000
5.742	0.000
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5.911	0.000
5.996	0.000
6.080	0.000
6.164	0.000
6.249	0.000
6.333	0.000
6.418	0.000
6.502	0.000
6.587	0.000
6.671	0.000
6.756	0.000
6.840	0.000
6.924	0.000
7.009	0.000
7.093	0.000
7.178	0.000
7.262	0.000
7.347	0.000
7.431	0.000
7.516	0.000
7.600	0.000
7.684	0.000
7.769	0.000
7.853	0.000
7.938	0.000
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8.107	0.000
8.191	0.000
8.276	0.000
8.360	0.000
8.444	0.000
8.529	0.000
8.613	0.000
8.698	0.000
8.782	0.000
8.867	0.000
8.951	0.000
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9.373	0.000
9.458	0.000
9.542	0.000
9.627	0.000
9.711	0.000
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10.978	0.000
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11.907	0.000
11.991	0.000
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44.924	-0.137
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45.093	-0.136
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45.431	-0.134
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45.769	-0.132
45.853	-0.131
45.938	-0.131
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46.107	-0.130
46.191	-0.130
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46.360	-0.129
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46.529	-0.128
46.613	-0.128
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46.782	-0.127
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46.951	-0.126
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180.796	-0.126
180.880	-0.125
180.964	-0.124
181.049	-0.123
181.133	-0.122
181.218	-0.121
181.302	-0.121
181.387	-0.120
181.471	-0.119
181.556	-0.118
181.640	-0.118
181.724	-0.117
181.809	-0.116
181.893	-0.116
181.978	-0.115
182.062	-0.114
182.147	-0.114
182.231	-0.113
182.316	-0.113
182.400	-0.112
182.485	-0.112
182.569	-0.111
182.653	-0.111
182.738	-0.110
182.822	-0.110
182.907	-0.109
182.991	-0.109
183.076	-0.108
183.160	-0.108
183.244	-0.107
183.329	-0.107
183.413	-0.106
183.498	-0.106
183.582	-0.106
183.667	-0.105
183.751	-0.105
183.836	-0.105
183.920	-0.104
184.004	-0.104
184.089	-0.102
184.173	-0.099
184.258	-0.094
184.342	-0.086
184.427	-0.077
184.511	-0.069
184.596	-0.061
184.680	-0.054
184.765	-0.049
184.849	-0.044
184.933	-0.041
185.018	-0.038
185.102	-0.035
185.187	-0.033
185.271	-0.031
185.356	-0.030
185.440	-0.029
185.524	-0.028
185.609	-0.028
185.693	-0.027
185.778	-0.027

185.862	-0.027
185.947	-0.027
186.031	-0.027
186.116	-0.027
186.200	-0.028
186.284	-0.028
186.369	-0.028
186.453	-0.029
186.538	-0.029
186.622	-0.030
186.707	-0.030
186.791	-0.031
186.875	-0.032
186.960	-0.032
187.044	-0.033
187.129	-0.033
187.213	-0.034
187.298	-0.035
187.382	-0.036
187.467	-0.036
187.551	-0.037
187.636	-0.037
187.720	-0.038
187.804	-0.039
187.889	-0.039
187.973	-0.040
188.058	-0.040
188.142	-0.041
188.227	-0.041
188.311	-0.042
188.396	-0.042
188.480	-0.043
188.564	-0.043
188.649	-0.044
188.733	-0.044
188.818	-0.044
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189.916	-0.049
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190.760	-0.051
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190.929	-0.052
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196.249	-0.052
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196.502	-0.052
196.587	-0.052
196.671	-0.052
196.756	-0.052

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196.924	-0.052
197.009	-0.052
197.093	-0.052
197.178	-0.052
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197.431	-0.053
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197.600	-0.053
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225.551	-0.047
225.636	-0.047
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225.804	-0.047
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225.973	-0.047
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226.227	-0.047
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226.564	-0.047
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239.907	-0.047
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240.244	-0.047
240.329	-0.047
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240.498	-0.046
240.582	-0.046
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240.920	-0.044
241.004	-0.044
241.089	-0.044
241.173	-0.044
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241.427	-0.043
241.511	-0.043
241.596	-0.043
241.680	-0.043
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241.849	-0.042
241.933	-0.042
242.018	-0.042
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242.187	-0.042
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242.356	-0.042
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242.524	-0.042
242.609	-0.042
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242.947	-0.041
243.031	-0.041
243.116	-0.041
243.200	-0.041
243.284	-0.041
243.369	-0.041
243.453	-0.041
291.453	-0.017
435.453	-0.020
483.453	-0.018
579.453	-0.015
603.453	-0.015
723.453	-0.011
843.453	-0.009
963.453	0.000

Name: Hyd-10d

Node: Node301

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.107	0.000
0.213	0.000
0.320	0.000
0.427	0.000
0.533	0.000
0.640	0.000
0.747	0.000
0.853	0.000
0.960	0.000
1.067	0.000
1.173	0.000
1.280	0.000
1.387	0.000
1.493	0.000
1.600	0.000
1.707	0.000
1.813	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

1.920	0.000
2.027	0.000
2.133	0.000
2.240	0.000
2.347	0.000
2.453	0.000
2.560	0.000
2.667	0.000
2.773	0.000
2.880	0.000
2.987	0.000
3.093	0.000
3.200	0.000
3.307	0.000
3.413	0.000
3.520	0.000
3.627	0.000
3.733	0.000
3.840	0.000
3.947	0.000
4.053	0.000
4.160	0.000
4.267	0.000
4.373	0.000
4.480	0.000
4.587	0.000
4.693	0.000
4.800	0.000
4.907	0.000
5.013	0.000
5.120	0.000
5.227	0.000
5.333	0.000
5.440	0.000
5.547	0.000
5.653	0.000
5.760	0.000
5.867	0.000
5.973	0.000
6.080	0.000
6.187	0.000
6.293	0.000
6.400	0.000
6.507	0.000
6.613	0.000
6.720	0.000
6.827	0.000
6.933	0.000
7.040	0.000
7.147	0.000
7.253	0.000
7.360	0.000
7.467	0.000
7.573	0.000
7.680	0.000
7.787	0.000
7.893	0.000
8.000	0.000
8.107	0.000
8.213	0.000
8.320	0.000
8.427	0.000
8.533	0.000
8.640	0.000
8.747	0.000

8.853	0.000
8.960	0.000
9.067	0.000
9.173	0.000
9.280	0.000
9.387	0.000
9.493	0.000
9.600	0.000
9.707	0.000
9.813	0.000
9.920	0.000
10.027	0.000
10.133	0.000
10.240	0.000
10.347	0.000
10.453	0.000
10.560	0.000
10.667	0.000
10.773	0.000
10.880	0.000
10.987	0.000
11.093	0.000
11.200	0.000
11.307	0.000
11.413	0.000
11.520	0.000
11.627	0.000
11.733	0.000
11.840	0.000
11.947	0.000
12.053	0.000
12.160	0.000
12.267	0.000
12.373	0.000
12.480	0.000
12.587	0.000
12.693	0.000
12.800	0.000
12.907	0.000
13.013	0.000
13.120	0.000
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13.653	0.000
13.760	0.000
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13.973	0.000
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14.720	0.000
14.827	0.000
14.933	0.000
15.040	0.000
15.147	0.000
15.253	0.000
15.360	0.000
15.467	0.000
15.573	0.000
15.680	0.000

15.787	0.000
15.893	0.000
16.000	0.000
16.107	0.000
16.213	0.000
16.320	0.000
16.427	0.000
16.533	0.000
16.640	0.000
16.747	0.000
16.853	0.000
16.960	0.000
17.067	0.000
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17.920	0.000
18.027	0.000
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18.773	0.000
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18.987	0.000
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19.733	0.000
19.840	0.000
19.947	0.000
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20.373	0.000
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21.760	0.000
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21.973	0.000
22.080	0.000
22.187	0.000
22.293	0.000
22.400	0.000
22.507	0.000
22.613	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

22.720	0.000
22.827	0.000
22.933	0.000
23.040	0.000
23.147	0.000
23.253	0.000
23.360	0.000
23.467	0.000
23.573	0.000
23.680	0.000
23.787	0.000
23.893	0.000
24.000	0.000
24.107	0.000
24.213	0.000
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24.533	0.000
24.640	0.000
24.747	0.000
24.853	0.000
24.960	0.000
25.067	0.000
25.173	0.000
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25.387	0.000
25.493	0.000
25.600	0.000
25.707	0.000
25.813	0.000
25.920	0.000
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26.133	0.000
26.240	0.000
26.347	0.000
26.453	0.000
26.560	0.000
26.667	0.000
26.773	0.000
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28.693	0.000
28.800	0.000
28.907	0.000
29.013	0.000
29.120	0.000
29.227	0.000
29.333	0.000
29.440	0.000
29.547	-0.000

29.653	-0.000
29.760	-0.000
29.867	-0.000
29.973	-0.000
30.080	-0.001
30.187	-0.001
30.293	-0.001
30.400	-0.002
30.507	-0.003
30.613	-0.003
30.720	-0.004
30.827	-0.005
30.933	-0.005
31.040	-0.006
31.147	-0.007
31.253	-0.008
31.360	-0.009
31.467	-0.010
31.573	-0.011
31.680	-0.012
31.787	-0.013
31.893	-0.014
32.000	-0.015
32.107	-0.017
32.213	-0.021
32.320	-0.027
32.427	-0.036
32.533	-0.045
32.640	-0.049
32.747	-0.051
32.853	-0.054
32.960	-0.058
33.067	-0.063
33.173	-0.069
33.280	-0.074
33.387	-0.080
33.493	-0.086
33.600	-0.092
33.707	-0.098
33.813	-0.104
33.920	-0.111
34.027	-0.117
34.133	-0.123
34.240	-0.130
34.347	-0.136
34.453	-0.142
34.560	-0.149
34.667	-0.155
34.773	-0.161
34.880	-0.167
34.987	-0.174
35.093	-0.180
35.200	-0.186
35.307	-0.192
35.413	-0.198
35.520	-0.204
35.627	-0.210
35.733	-0.216
35.840	-0.222
35.947	-0.419
36.053	-0.483
36.160	-0.320
36.267	-0.266
36.373	-0.232
36.480	-0.210

36.587	-0.195
36.693	-0.185
36.800	-0.178
36.907	-0.173
37.013	-0.169
37.120	-0.166
37.227	-0.164
37.333	-0.162
37.440	-0.161
37.547	-0.160
37.653	-0.159
37.760	-0.158
37.867	-0.158
37.973	-0.157
38.080	-0.157
38.187	-0.157
38.293	-0.164
38.400	-0.179
38.507	-0.185
38.613	-0.181
38.720	-0.173
38.827	-0.165
38.933	-0.157
39.040	-0.150
39.147	-0.144
39.253	-0.138
39.360	-0.134
39.467	-0.129
39.573	-0.126
39.680	-0.123
39.787	-0.120
39.893	-0.117
40.000	-0.115
40.107	-0.111
40.213	-0.107
40.320	-0.101
40.427	-0.093
40.533	-0.086
40.640	-0.080
40.747	-0.077
40.853	-0.074
40.960	-0.073
41.067	-0.072
41.173	-0.071
41.280	-0.071
41.387	-0.071
41.493	-0.071
41.600	-0.071
41.707	-0.071
41.813	-0.071
41.920	-0.070
42.027	-0.070
42.133	-0.070
42.240	-0.070
42.347	-0.070
42.453	-0.069
42.560	-0.069
42.667	-0.069
42.773	-0.069
42.880	-0.069
42.987	-0.068
43.093	-0.068
43.200	-0.068
43.307	-0.068
43.413	-0.067

43.520	-0.067
43.627	-0.067
43.733	-0.067
43.840	-0.066
43.947	-0.066
44.053	-0.066
44.160	-0.066
44.267	-0.065
44.373	-0.065
44.480	-0.065
44.587	-0.065
44.693	-0.064
44.800	-0.064
44.907	-0.064
45.013	-0.063
45.120	-0.063
45.227	-0.063
45.333	-0.062
45.440	-0.062
45.547	-0.062
45.653	-0.062
45.760	-0.061
45.867	-0.061
45.973	-0.061
46.080	-0.060
46.187	-0.060
46.293	-0.060
46.400	-0.060
46.507	-0.059
46.613	-0.059
46.720	-0.059
46.827	-0.058
46.933	-0.058
47.040	-0.058
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47.680	-0.056
47.787	-0.056
47.893	-0.056
48.000	-0.056
48.107	-0.055
48.213	-0.055
48.320	-0.055
48.427	-0.054
48.533	-0.054
48.640	-0.054
48.747	-0.053
48.853	-0.053
48.960	-0.053
49.067	-0.053
49.173	-0.052
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49.387	-0.052
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49.600	-0.052
49.707	-0.052
49.813	-0.051
49.920	-0.051
50.027	-0.051
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50.240	-0.051
50.347	-0.051

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50.667	-0.050
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50.880	-0.050
50.987	-0.050
51.093	-0.050
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51.840	-0.049
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52.907	-0.047
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53.227	-0.047
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53.760	-0.046
53.867	-0.046
53.973	-0.046
54.080	-0.046
54.187	-0.046
54.293	-0.045
54.400	-0.045
54.507	-0.045
54.613	-0.045
54.720	-0.045
54.827	-0.045
54.933	-0.045
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55.147	-0.044
55.253	-0.044
55.360	-0.044
55.467	-0.044
55.573	-0.044
55.680	-0.044
55.787	-0.044
55.893	-0.044
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56.213	-0.043
56.320	-0.043
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56.533	-0.043
56.640	-0.043
56.747	-0.043
56.853	-0.043
56.960	-0.042
57.067	-0.042
57.173	-0.042
57.280	-0.042

57.387	-0.042
57.493	-0.042
57.600	-0.042
57.707	-0.042
57.813	-0.042
57.920	-0.042
58.027	-0.042
58.133	-0.041
58.240	-0.041
58.347	-0.041
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58.773	-0.041
58.880	-0.041
58.987	-0.041
59.093	-0.041
59.200	-0.041
59.307	-0.041
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60.160	-0.040
60.267	-0.040
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60.587	-0.040
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60.907	-0.039
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61.653	-0.039
61.760	-0.039
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62.187	-0.038
62.293	-0.038
62.400	-0.038
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62.613	-0.038
62.720	-0.038
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63.467	-0.038
63.573	-0.038
63.680	-0.037
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63.893	-0.037
64.000	-0.037
64.107	-0.037
64.213	-0.037

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64.427	-0.037
64.533	-0.037
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64.747	-0.037
64.853	-0.037
64.960	-0.037
65.067	-0.037
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65.280	-0.037
65.387	-0.037
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67.413	-0.036
67.520	-0.035
67.627	-0.035
67.733	-0.035
67.840	-0.035
67.947	-0.035
68.053	-0.035
68.160	-0.035
68.267	-0.035
68.373	-0.035
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68.587	-0.035
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68.800	-0.035
68.907	-0.035
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69.333	-0.035
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69.653	-0.034
69.760	-0.034
69.867	-0.034
69.973	-0.034
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70.187	-0.034
70.293	-0.034
70.400	-0.034
70.507	-0.034
70.613	-0.034
70.720	-0.034
70.827	-0.034
70.933	-0.034
71.040	-0.034
71.147	-0.034

71.253	-0.034
71.360	-0.034
71.467	-0.034
71.573	-0.033
71.680	-0.033
71.787	-0.033
71.893	-0.033
72.000	-0.033
72.107	-0.033
72.213	-0.033
72.320	-0.032
72.427	-0.030
72.533	-0.029
72.640	-0.028
72.747	-0.028
72.853	-0.027
72.960	-0.027
73.067	-0.027
73.173	-0.027
73.280	-0.027
73.387	-0.027
73.493	-0.027
73.600	-0.027
73.707	-0.027
73.813	-0.027
73.920	-0.027
74.027	-0.027
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74.347	-0.028
74.453	-0.028
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74.773	-0.028
74.880	-0.028
74.987	-0.028
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75.520	-0.028
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75.947	-0.029
76.053	-0.029
76.160	-0.029
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76.907	-0.029
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77.760	-0.029
77.867	-0.029
77.973	-0.029
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78.293	-0.029
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78.613	-0.029
78.720	-0.029
78.827	-0.029
78.933	-0.029
79.040	-0.029
79.147	-0.029
79.253	-0.029
79.360	-0.029
79.467	-0.029
79.573	-0.029
79.680	-0.029
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79.893	-0.029
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80.853	-0.028
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89.387	-0.027
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94.827	-0.026
94.933	-0.026
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180.267	-0.034
180.373	-0.034
180.480	-0.033
180.587	-0.033
180.693	-0.033
180.800	-0.033
180.907	-0.032
181.013	-0.032
181.120	-0.032
181.227	-0.032
181.333	-0.032
181.440	-0.032
181.547	-0.031
181.653	-0.031
181.760	-0.031
181.867	-0.031
181.973	-0.031
182.080	-0.031

182.187	-0.031
182.293	-0.031
182.400	-0.030
182.507	-0.030
182.613	-0.030
182.720	-0.030
182.827	-0.030
182.933	-0.030
183.040	-0.030
183.147	-0.030
183.253	-0.030
183.360	-0.030
183.467	-0.029
183.573	-0.029
183.680	-0.029
183.787	-0.029
183.893	-0.029
184.000	-0.028
184.107	-0.024
184.213	-0.015
184.320	0.001
184.427	0.020
184.533	0.037
184.640	0.048
184.747	0.053
184.853	0.053
184.960	0.050
185.067	0.046
185.173	0.041
185.280	0.036
185.387	0.032
185.493	0.028
185.600	0.024
185.707	0.021
185.813	0.018
185.920	0.016
186.027	0.013
186.133	0.011
186.240	0.009
186.347	0.007
186.453	0.005
186.560	0.004
186.667	0.002
186.773	0.001
186.880	-0.000
186.987	-0.001
187.093	-0.003
187.200	-0.004
187.307	-0.005
187.413	-0.005
187.520	-0.006
187.627	-0.007
187.733	-0.008
187.840	-0.009
187.947	-0.009
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188.160	-0.011
188.267	-0.011
188.373	-0.012
188.480	-0.012
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188.693	-0.013
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195.627	-0.014
195.733	-0.015
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195.947	-0.015

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196.267	-0.015
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198.293	-0.016
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201.920	-0.016
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213.653	-0.016
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213.973	-0.016
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214.613	-0.016
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216.747	-0.009

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222.400	-0.014
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223.040	-0.014
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223.360	-0.014
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232.533	-0.015
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232.747	-0.015
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237.547	-0.015

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237.973	-0.015
238.080	-0.015
238.187	-0.015
238.293	-0.015
238.400	-0.015
238.507	-0.015
238.613	-0.015
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239.573	-0.015
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239.787	-0.015
239.893	-0.015
240.000	-0.015
240.107	-0.015
240.213	-0.014
240.320	-0.013
240.427	-0.012
240.533	-0.011
240.640	-0.011
240.747	-0.010
240.853	-0.009
240.960	-0.009
241.067	-0.009
241.173	-0.009
241.280	-0.009
241.387	-0.009
241.493	-0.009
241.600	-0.009
241.707	-0.009
241.813	-0.010
241.920	-0.010
242.027	-0.010
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243.307	-0.011
243.413	-0.011
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243.627	-0.011
243.733	-0.011
243.840	-0.011
243.947	-0.011
244.053	-0.011
244.160	-0.011
244.267	-0.011
244.373	-0.011
364.373	-0.003

484.373	-0.001
604.373	-0.001
724.373	-0.000
844.373	-0.000
964.373	0.000
988.373	0.000

Name: Hyd-10d

Node: Node302

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.096	0.000
0.191	0.000
0.287	0.000
0.382	0.000
0.478	0.000
0.573	0.000
0.669	0.000
0.764	0.000
0.860	0.000
0.956	0.000
1.051	0.000
1.147	0.000
1.242	0.000
1.338	0.000
1.433	0.000
1.529	0.000
1.624	0.000
1.720	0.000
1.816	0.000
1.911	0.000
2.007	0.000
2.102	0.000
2.198	0.000
2.293	0.000
2.389	0.000
2.484	0.000
2.580	0.000
2.676	0.000
2.771	0.000
2.867	0.000
2.962	0.000
3.058	0.000
3.153	0.000
3.249	0.000
3.344	0.000
3.440	0.000
3.536	0.000
3.631	0.000
3.727	0.000
3.822	0.000
3.918	0.000
4.013	0.000
4.109	0.000
4.204	0.000
4.300	0.000
4.396	0.000
4.491	0.000
4.587	0.000
4.682	0.000
4.778	0.000
4.873	0.000
4.969	0.000

5.064	0.000
5.160	0.000
5.256	0.000
5.351	0.000
5.447	0.000
5.542	0.000
5.638	0.000
5.733	0.000
5.829	0.000
5.924	0.000
6.020	0.000
6.116	0.000
6.211	0.000
6.307	0.000
6.402	0.000
6.498	0.000
6.593	0.000
6.689	0.000
6.784	0.000
6.880	0.000
6.976	0.000
7.071	0.000
7.167	0.000
7.262	0.000
7.358	0.000
7.453	0.000
7.549	0.000
7.644	0.000
7.740	0.000
7.836	0.000
7.931	0.000
8.027	0.000
8.122	0.000
8.218	0.000
8.313	0.000
8.409	0.000
8.504	0.000
8.600	0.000
8.696	0.000
8.791	0.000
8.887	0.000
8.982	0.000
9.078	0.000
9.173	0.000
9.269	0.000
9.364	0.000
9.460	0.000
9.556	0.000
9.651	0.000
9.747	0.000
9.842	0.000
9.938	0.000
10.033	0.000
10.129	0.000
10.224	0.000
10.320	0.000
10.416	0.000
10.511	0.000
10.607	0.000
10.702	0.000
10.798	0.000
10.893	0.000
10.989	0.000
11.084	0.000
11.180	0.000

11.276	0.000
11.371	0.000
11.467	0.000
11.562	0.000
11.658	0.000
11.753	0.000
11.849	0.000
11.944	0.000
12.040	0.000
12.136	0.000
12.231	0.000
12.327	0.000
12.422	0.000
12.518	0.000
12.613	0.000
12.709	0.000
12.804	0.000
12.900	0.000
12.996	0.000
13.091	0.000
13.187	0.000
13.282	0.000
13.378	0.000
13.473	0.000
13.569	0.000
13.664	0.000
13.760	0.000
13.856	0.000
13.951	0.000
14.047	0.000
14.142	0.000
14.238	0.000
14.333	0.000
14.429	0.000
14.524	0.000
14.620	0.000
14.716	0.000
14.811	0.000
14.907	0.000
15.002	0.000
15.098	0.000
15.193	0.000
15.289	0.000
15.384	0.000
15.480	0.000
15.576	0.000
15.671	0.000
15.767	0.000
15.862	0.000
15.958	0.000
16.053	0.000
16.149	0.000
16.244	0.000
16.340	0.000
16.436	0.000
16.531	0.000
16.627	0.000
16.722	0.000
16.818	0.000
16.913	0.000
17.009	0.000
17.104	0.000
17.200	0.000
17.296	0.000
17.391	0.000

17.487	0.000
17.582	0.000
17.678	0.000
17.773	0.000
17.869	0.000
17.964	0.000
18.060	0.000
18.156	0.000
18.251	0.000
18.347	0.000
18.442	0.000
18.538	0.000
18.633	0.000
18.729	0.000
18.824	0.000
18.920	0.000
19.016	0.000
19.111	0.000
19.207	0.000
19.302	0.000
19.398	0.000
19.493	0.000
19.589	0.000
19.684	0.000
19.780	0.000
19.876	0.000
19.971	0.000
20.067	0.000
20.162	0.000
20.258	0.000
20.353	0.000
20.449	0.000
20.544	0.000
20.640	0.000
20.736	0.000
20.831	0.000
20.927	0.000
21.022	0.000
21.118	0.000
21.213	0.000
21.309	0.000
21.404	0.000
21.500	0.000
21.596	0.000
21.691	0.000
21.787	0.000
21.882	0.000
21.978	0.000
22.073	0.000
22.169	0.000
22.264	0.000
22.360	0.000
22.456	0.000
22.551	0.000
22.647	0.000
22.742	0.000
22.838	0.000
22.933	0.000
23.029	0.000
23.124	0.000
23.220	0.000
23.316	0.000
23.411	0.000
23.507	0.000
23.602	0.000

23.698	0.000
23.793	0.000
23.889	0.000
23.984	0.000
24.080	0.000
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24.558	0.000
24.653	0.000
24.749	0.000
24.844	0.000
24.940	0.000
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25.131	0.000
25.227	0.000
25.322	0.000
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25.704	0.000
25.800	0.000
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25.991	0.000
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26.278	0.000
26.373	0.000
26.469	0.000
26.564	0.000
26.660	0.000
26.756	0.000
26.851	0.000
26.947	0.000
27.042	0.000
27.138	0.000
27.233	0.000
27.329	0.000
27.424	0.000
27.520	0.000
27.616	0.000
27.711	0.000
27.807	0.000
27.902	0.000
27.998	0.000
28.093	0.000
28.189	0.000
28.284	0.000
28.380	0.000
28.476	0.000
28.571	0.000
28.667	0.000
28.762	0.000
28.858	0.000
28.953	0.000
29.049	0.000
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29.240	0.000
29.336	0.000
29.431	0.000
29.527	0.000
29.622	0.000
29.718	0.000
29.813	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

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31.151	-0.002
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31.342	-0.003
31.438	-0.004
31.533	-0.005
31.629	-0.005
31.724	-0.006
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31.916	-0.008
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32.107	-0.011
32.202	-0.014
32.298	-0.020
32.393	-0.027
32.489	-0.036
32.584	-0.044
32.680	-0.047
32.776	-0.049
32.871	-0.051
32.967	-0.055
33.062	-0.059
33.158	-0.064
33.253	-0.069
33.349	-0.074
33.444	-0.079
33.540	-0.085
33.636	-0.091
33.731	-0.097
33.827	-0.103
33.922	-0.108
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34.113	-0.120
34.209	-0.126
34.304	-0.132
34.400	-0.138
34.496	-0.144
34.591	-0.150
34.687	-0.156
34.782	-0.162
34.878	-0.168
34.973	-0.174
35.069	-0.180
35.164	-0.186
35.260	-0.192
35.356	-0.198
35.451	-0.203
35.547	-0.209
35.642	-0.215
35.738	-0.221
35.833	-0.226
35.929	-0.232
36.024	-0.238

36.120	-0.243
36.216	-0.249
36.311	-0.254
36.407	-0.260
36.502	-0.265
36.598	-0.271
36.693	-0.276
36.789	-0.282
36.884	-0.287
36.980	-0.292
37.076	-0.297
37.171	-0.303
37.267	-0.739
37.362	-0.932
37.458	-0.626
37.553	-0.517
37.649	-0.443
37.744	-0.392
37.840	-0.356
37.936	-0.331
38.031	-0.312
38.127	-0.297
38.222	-0.286
38.318	-0.276
38.413	-0.269
38.509	-0.262
38.604	-0.257
38.700	-0.252
38.796	-0.251
38.891	-0.258
38.987	-0.266
39.082	-0.265
39.178	-0.258
39.273	-0.249
39.369	-0.239
39.464	-0.230
39.560	-0.222
39.656	-0.215
39.751	-0.208
39.847	-0.202
39.942	-0.196
40.038	-0.191
40.133	-0.185
40.229	-0.177
40.324	-0.168
40.420	-0.159
40.516	-0.150
40.611	-0.144
40.707	-0.139
40.802	-0.135
40.898	-0.133
40.993	-0.131
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41.471	-0.125
41.567	-0.124
41.662	-0.123
41.758	-0.122
41.853	-0.121
41.949	-0.121
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42.522	-0.116
42.618	-0.115
42.713	-0.115
42.809	-0.114
42.904	-0.113
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43.096	-0.112
43.191	-0.111
43.287	-0.111
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43.573	-0.109
43.669	-0.108
43.764	-0.108
43.860	-0.107
43.956	-0.106
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44.147	-0.105
44.242	-0.105
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44.433	-0.103
44.529	-0.103
44.624	-0.102
44.720	-0.102
44.816	-0.101
44.911	-0.101
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45.102	-0.100
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45.293	-0.099
45.389	-0.098
45.484	-0.097
45.580	-0.097
45.676	-0.096
45.771	-0.096
45.867	-0.096
45.962	-0.095
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46.249	-0.094
46.344	-0.093
46.440	-0.093
46.536	-0.092
46.631	-0.092
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46.822	-0.091
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48.733	-0.083
48.829	-0.082
48.924	-0.082
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175.727	-0.031
175.822	-0.031
175.918	-0.031
176.013	-0.032
176.109	-0.036
176.204	-0.045
176.300	-0.059
176.396	-0.076
176.491	-0.092
176.587	-0.104
176.682	-0.110
176.778	-0.112
176.873	-0.110
176.969	-0.106
177.064	-0.102
177.160	-0.097
177.256	-0.092
177.351	-0.088
177.447	-0.084
177.542	-0.080
177.638	-0.076
177.733	-0.073
177.829	-0.070
177.924	-0.068
178.020	-0.066
178.116	-0.064
178.211	-0.062
178.307	-0.060
178.402	-0.058
178.498	-0.057
178.593	-0.056
178.689	-0.054
178.784	-0.053
178.880	-0.052

178.976	-0.051
179.071	-0.050
179.167	-0.049
179.262	-0.049
179.358	-0.048
179.453	-0.047
179.549	-0.046
179.644	-0.046
179.740	-0.045
179.836	-0.045
179.931	-0.044
180.027	-0.044
180.122	-0.044
180.218	-0.044
180.313	-0.043
180.409	-0.043
180.504	-0.043
180.600	-0.043
180.696	-0.042
180.791	-0.042
180.887	-0.042
180.982	-0.042
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181.173	-0.042
181.269	-0.042
181.364	-0.041
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181.556	-0.041
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182.798	-0.040
182.893	-0.040
182.989	-0.039
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183.371	-0.039
183.467	-0.039
183.562	-0.039
183.658	-0.039
183.753	-0.039
183.849	-0.039
183.944	-0.038
184.040	-0.036
184.136	-0.029
184.231	-0.016
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184.422	0.024
184.518	0.040
184.613	0.050
184.709	0.054
184.804	0.053
184.900	0.049
184.996	0.044
185.091	0.039

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185.282	0.029
185.378	0.025
185.473	0.021
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185.664	0.014
185.760	0.011
185.856	0.008
185.951	0.006
186.047	0.004
186.142	0.002
186.238	-0.000
186.333	-0.002
186.429	-0.003
186.524	-0.005
186.620	-0.006
186.716	-0.008
186.811	-0.009
186.907	-0.010
187.002	-0.011
187.098	-0.012
187.193	-0.013
187.289	-0.014
187.384	-0.015
187.480	-0.016
187.576	-0.017
187.671	-0.017
187.767	-0.018
187.862	-0.019
187.958	-0.019
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188.149	-0.020
188.244	-0.020
188.340	-0.021
188.436	-0.021
188.531	-0.021
188.627	-0.021
188.722	-0.022
188.818	-0.022
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189.200	-0.022
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189.391	-0.023
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190.155	-0.023
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190.347	-0.023
190.442	-0.023
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190.824	-0.024
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191.875	-0.024
191.971	-0.024
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192.258	-0.022
192.353	-0.021
192.449	-0.019
192.544	-0.018
192.640	-0.017
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192.831	-0.016
192.927	-0.016
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201.622	-0.024
201.718	-0.024
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241.947	-0.017
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243.476	-0.017
243.571	-0.017
243.667	-0.017
243.762	-0.017
243.858	-0.017
363.858	-0.004
483.858	-0.001
603.858	0.000
723.858	0.000
843.858	0.000
963.858	0.000
987.858	0.000

Name: Hyd-10d

Node: Node308

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.022	0.000
0.044	0.000
0.067	0.000
0.089	0.000
0.111	0.000
0.133	0.000
0.156	0.000
0.178	0.000
0.200	0.000
0.222	0.000
0.244	0.000
0.267	0.000
0.289	0.000
0.311	0.000
0.333	0.000
0.356	0.000
0.378	0.000
0.400	0.000
0.422	0.000
0.444	0.000
0.467	0.000

0.489	0.000
0.511	0.000
0.533	0.000
0.556	0.000
0.578	0.000
0.600	0.000
0.622	0.000
0.644	0.000
0.667	0.000
0.689	0.000
0.711	0.000
0.733	0.000
0.756	0.000
0.778	0.000
0.800	0.000
0.822	0.000
0.844	0.000
0.867	0.000
0.889	0.000
0.911	0.000
0.933	0.000
0.956	0.000
0.978	0.000
1.000	0.000
1.022	0.000
1.044	0.000
1.067	0.000
1.089	0.000
1.111	0.000
1.133	0.000
1.156	0.000
1.178	0.000
1.200	0.000
1.222	0.000
1.244	0.000
1.267	0.000
1.289	0.000
1.311	0.000
1.333	0.000
1.356	0.000
1.378	0.000
1.400	0.000
1.422	0.000
1.444	0.000
1.467	0.000
1.489	0.000
1.511	0.000
1.533	0.000
1.556	0.000
1.578	0.000
1.600	0.000
1.622	0.000
1.644	0.000
1.667	0.000
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1.711	0.000
1.733	0.000
1.756	0.000
1.778	0.000
1.800	0.000
1.822	0.000
1.844	0.000
1.867	0.000
1.889	0.000
1.911	0.000

1.933	0.000
1.956	0.000
1.978	0.000
2.000	0.000
2.022	0.000
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236.711	-0.015
236.733	-0.015
236.756	-0.015
236.778	-0.015
236.800	-0.015
236.822	-0.015
236.845	-0.015
236.867	-0.015
236.889	-0.015
236.911	-0.015
236.933	-0.015
236.956	-0.015
236.978	-0.015
237.000	-0.015
237.022	-0.015
237.044	-0.015
237.067	-0.015
237.089	-0.015
237.111	-0.015
237.133	-0.015
237.155	-0.015
237.178	-0.015
237.200	-0.015
237.222	-0.015
237.244	-0.015
237.267	-0.015
237.289	-0.015
237.311	-0.015
237.333	-0.015
237.356	-0.015

237.378	-0.015
237.400	-0.015
237.422	-0.015
237.444	-0.015
237.467	-0.015
237.489	-0.015
237.511	-0.015
237.533	-0.015
237.556	-0.015
237.578	-0.015
237.600	-0.015
237.622	-0.015
237.644	-0.015
237.667	-0.015
237.689	-0.015
237.711	-0.015
237.733	-0.015
237.756	-0.015
237.778	-0.015
237.800	-0.015
237.822	-0.015
237.845	-0.015
237.867	-0.015
237.889	-0.015
237.911	-0.015
237.933	-0.015
237.956	-0.015
237.978	-0.015
238.000	-0.015
238.022	-0.015
238.044	-0.015
238.067	-0.015
238.089	-0.015
238.111	-0.015
238.133	-0.015
238.155	-0.015
238.178	-0.015
238.200	-0.015
238.222	-0.015
238.244	-0.015
238.267	-0.015
238.289	-0.015
238.311	-0.015
238.333	-0.015
238.356	-0.015
238.378	-0.015
238.400	-0.015
238.422	-0.015
238.444	-0.015
238.467	-0.015
238.489	-0.015
238.511	-0.015
238.533	-0.015
238.556	-0.015
238.578	-0.015
238.600	-0.015
238.622	-0.015
238.644	-0.015
238.667	-0.015
238.689	-0.015
238.711	-0.015
238.733	-0.015
238.756	-0.015
238.778	-0.015
238.800	-0.015

238.822	-0.015
238.845	-0.015
238.867	-0.015
238.889	-0.015
238.911	-0.015
238.933	-0.015
238.956	-0.015
238.978	-0.015
239.000	-0.015
239.022	-0.015
239.044	-0.015
239.067	-0.015
239.089	-0.015
239.111	-0.015
239.133	-0.015
239.155	-0.015
239.178	-0.015
239.200	-0.015
239.222	-0.015
239.244	-0.015
239.267	-0.015
239.289	-0.015
239.311	-0.015
239.333	-0.015
239.356	-0.015
239.378	-0.015
239.400	-0.015
239.422	-0.015
239.444	-0.015
239.467	-0.015
239.489	-0.015
239.511	-0.015
239.533	-0.015
239.556	-0.015
239.578	-0.015
239.600	-0.015
239.622	-0.015
239.644	-0.015
239.667	-0.015
239.689	-0.015
239.711	-0.015
239.733	-0.015
239.756	-0.015
239.778	-0.015
239.800	-0.015
239.822	-0.015
239.845	-0.015
239.867	-0.015
239.889	-0.015
239.911	-0.015
239.933	-0.015
239.956	-0.015
239.978	-0.015
240.000	-0.015
240.022	-0.015
240.044	-0.015
240.067	-0.015
240.089	-0.015
240.111	-0.015
240.133	-0.015
240.155	-0.015
240.178	-0.015
240.200	-0.015
240.222	-0.014
240.244	-0.014

240.267	-0.014
240.289	-0.014
240.311	-0.014
240.333	-0.014
240.356	-0.014
240.378	-0.014
240.400	-0.014
240.422	-0.014
240.444	-0.014
240.467	-0.014
240.489	-0.014
240.511	-0.014
240.533	-0.014
240.556	-0.014
240.578	-0.014
240.600	-0.014
240.622	-0.014
240.644	-0.013
240.667	-0.013
240.689	-0.013
240.711	-0.013
240.733	-0.013
240.756	-0.013
240.778	-0.013
240.800	-0.013
240.822	-0.013
240.845	-0.013
240.867	-0.013
240.889	-0.013
240.911	-0.013
360.911	-0.003
480.911	-0.002
600.911	-0.001
720.911	-0.001
840.911	-0.000
960.911	-0.000
984.911	0.000

Name: Hyd-1hr

Node: Node310

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	-0.000
0.218	-0.005
0.249	-0.025
0.280	-0.083
0.311	-0.212
0.342	-0.456
0.373	-0.725
0.404	-0.839
0.436	-0.840
0.467	-0.841
0.498	-0.844
0.529	-0.847
0.560	-0.852
0.591	-0.857
0.622	-0.863
0.653	-0.870

0.684	-0.877
0.716	-0.884
0.747	-0.891
0.778	-0.897
0.809	-0.904
0.840	-0.910
0.871	-0.915
0.902	-0.920
0.933	-0.925
0.964	-0.929
0.996	-0.932
1.027	-0.935
1.058	-0.938
1.089	-0.940
1.120	-0.941
1.151	-0.943
1.182	-0.944
1.213	-0.944
1.244	-0.945
1.276	-0.945
1.307	-0.945
1.338	-0.945
1.369	-0.945
1.400	-0.945
1.431	-0.945
1.462	-0.944
1.493	-0.944
1.524	-0.943
1.556	-0.942
1.587	-0.942
1.618	-0.941
1.649	-0.940
1.680	-0.939
1.711	-0.938
1.742	-0.937
1.773	-0.936
1.804	-0.935
1.836	-0.934
1.867	-0.933
1.898	-0.932
1.929	-0.931
1.960	-0.929
1.991	-0.928
2.022	-0.927
2.053	-0.926
2.084	-0.731
2.116	-0.400
2.147	-0.262
2.178	-0.262
2.209	-0.260
2.240	-0.258
2.271	-0.257
50.271	-0.019
122.271	-0.007
242.271	-0.001
338.271	0.000
362.271	0.000
482.271	0.000
602.271	0.000
722.271	0.000

Name: Hyd-2hr

Node: Node310

Type: Flow

Time(hrs) Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	-0.000
0.156	-0.001
0.187	-0.005
0.218	-0.019
0.249	-0.055
0.280	-0.124
0.311	-0.232
0.342	-0.380
0.373	-0.558
0.404	-0.746
0.436	-0.839
0.467	-0.839
0.498	-0.839
0.529	-0.840
0.560	-0.842
0.591	-0.843
0.622	-0.845
0.653	-0.848
0.684	-0.851
0.716	-0.854
0.747	-0.858
0.778	-0.862
0.809	-0.867
0.840	-0.872
0.871	-0.877
0.902	-0.882
0.933	-0.887
0.964	-0.892
0.996	-0.897
1.027	-0.901
1.058	-0.905
1.089	-0.909
1.120	-0.912
1.151	-0.916
1.182	-0.919
1.213	-0.921
1.244	-0.924
1.276	-0.926
1.307	-0.928
1.338	-0.930
1.369	-0.932
1.400	-0.934
1.431	-0.935
1.462	-0.937
1.493	-0.938
1.524	-0.939
1.556	-0.941
1.587	-0.942
1.618	-0.942
1.649	-0.943
1.680	-0.944
1.711	-0.945
1.742	-0.945
1.773	-0.946
1.804	-0.946
1.836	-0.947
1.867	-0.947
1.898	-0.947
1.929	-0.947
1.960	-0.947

1.991	-0.947
2.022	-0.947
2.053	-0.947
2.084	-0.947
2.116	-0.688
2.147	-0.356
2.178	-0.285
2.209	-0.286
2.240	-0.286
2.271	-0.284
2.302	-0.281
2.333	-0.278
2.364	-0.273
2.396	-0.268
2.427	-0.262
2.458	-0.256
2.489	-0.250
2.520	-0.243
2.551	-0.236
2.582	-0.230
2.613	-0.223
2.644	-0.216
2.676	-0.210
2.707	-0.204
2.738	-0.198
2.769	-0.192
2.800	-0.186
2.831	-0.181
2.862	-0.176
2.893	-0.172
2.924	-0.167
2.956	-0.163
2.987	-0.159
3.018	-0.155
3.049	-0.152
3.080	-0.148
3.111	-0.145
3.142	-0.142
3.173	-0.140
3.204	-0.137
3.236	-0.134
3.267	-0.133
51.267	-0.019
123.267	-0.009
243.267	-0.002
339.267	0.000
363.267	0.000
483.267	0.000
603.267	0.000
723.267	0.000

Name: Hyd-4hr

Node: Node310

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000
0.249	0.000

0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	-0.000
0.622	-0.001
0.653	-0.003
0.684	-0.008
0.716	-0.017
0.747	-0.032
0.778	-0.053
0.809	-0.079
0.840	-0.109
0.871	-0.141
0.902	-0.176
0.933	-0.212
0.964	-0.248
0.996	-0.287
1.027	-0.331
1.058	-0.386
1.089	-0.458
1.120	-0.548
1.151	-0.649
1.182	-0.753
1.213	-0.822
1.244	-0.839
1.276	-0.839
1.307	-0.839
1.338	-0.840
1.369	-0.840
1.400	-0.841
1.431	-0.841
1.462	-0.842
1.493	-0.843
1.524	-0.844
1.556	-0.845
1.587	-0.846
1.618	-0.848
1.649	-0.849
1.680	-0.851
1.711	-0.853
1.742	-0.855
1.773	-0.857
1.804	-0.860
1.836	-0.862
1.867	-0.865
1.898	-0.868
1.929	-0.871
1.960	-0.873
1.991	-0.876
2.022	-0.879
2.053	-0.883
2.084	-0.886
2.116	-0.889
2.147	-0.892
2.178	-0.895
2.209	-0.898
2.240	-0.901
2.271	-0.904

2.302	-0.907
2.333	-0.910
2.364	-0.913
2.396	-0.915
2.427	-0.918
2.458	-0.921
2.489	-0.924
2.520	-0.927
2.551	-0.929
2.582	-0.932
2.613	-0.935
2.644	-0.937
2.676	-0.940
2.707	-0.942
2.738	-0.944
2.769	-0.946
2.800	-0.948
2.831	-1.074
2.862	-0.745
2.893	-0.293
2.924	-0.297
2.956	-0.299
2.987	-0.300
3.018	-0.301
3.049	-0.300
3.080	-0.298
3.111	-0.295
3.142	-0.292
3.173	-0.288
3.204	-0.283
3.236	-0.277
3.267	-0.272
3.298	-0.266
3.329	-0.260
3.360	-0.254
3.391	-0.248
3.422	-0.242
3.453	-0.237
3.484	-0.231
3.516	-0.226
3.547	-0.221
3.578	-0.216
3.609	-0.211
3.640	-0.206
3.671	-0.202
3.702	-0.198
3.733	-0.194
3.764	-0.190
3.796	-0.186
3.827	-0.182
3.858	-0.179
3.889	-0.176
3.920	-0.173
3.951	-0.170
3.982	-0.167
4.013	-0.165
4.044	-0.162
4.076	-0.160
4.107	-0.157
4.138	-0.155
4.169	-0.153
4.200	-0.151
4.231	-0.148
4.262	-0.146
4.293	-0.144

4.324	-0.142
4.356	-0.140
4.387	-0.138
4.418	-0.137
4.449	-0.135
4.480	-0.133
4.511	-0.132
4.542	-0.130
4.573	-0.128
4.604	-0.127
4.636	-0.126
4.667	-0.124
4.698	-0.123
4.729	-0.122
4.760	-0.120
4.791	-0.119
4.822	-0.118
4.853	-0.117
4.884	-0.116
4.916	-0.114
4.947	-0.113
4.978	-0.112
5.009	-0.111
5.040	-0.110
5.071	-0.109
5.102	-0.109
5.133	-0.108
5.164	-0.107
5.196	-0.106
5.227	-0.105
5.258	-0.105
53.258	-0.021
125.258	-0.011
245.258	-0.006
341.258	-0.005
365.258	-0.004
485.258	-0.001
605.258	0.000
725.258	0.000

Name: Hyd-8hr

Node: Node310

Type: Flow

Time(hrs)	Flow(cfs)
0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000
0.249	0.000
0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	0.000

0.622	0.000
0.653	0.000
0.684	0.000
0.716	0.000
0.747	0.000
0.778	0.000
0.809	0.000
0.840	0.000
0.871	0.000
0.902	0.000
0.933	0.000
0.964	0.000
0.996	0.000
1.027	0.000
1.058	0.000
1.089	0.000
1.120	0.000
1.151	0.000
1.182	0.000
1.213	0.000
1.244	-0.000
1.276	-0.000
1.307	-0.001
1.338	-0.002
1.369	-0.005
1.400	-0.010
1.431	-0.018
1.462	-0.029
1.493	-0.042
1.524	-0.056
1.556	-0.072
1.587	-0.088
1.618	-0.106
1.649	-0.124
1.680	-0.142
1.711	-0.160
1.742	-0.179
1.773	-0.197
1.804	-0.216
1.836	-0.234
1.867	-0.252
1.898	-0.270
1.929	-0.288
1.960	-0.305
1.991	-0.323
2.022	-0.341
2.053	-0.363
2.084	-0.390
2.116	-0.421
2.147	-0.455
2.178	-0.490
2.209	-0.524
2.240	-0.556
2.271	-0.586
2.302	-0.614
2.333	-0.641
2.364	-0.666
2.396	-0.691
2.427	-0.714
2.458	-0.737
2.489	-0.758
2.520	-0.779
2.551	-0.799
2.582	-0.818
2.613	-0.833

2.644	-0.839
2.676	-0.839
2.707	-0.839
2.738	-0.839
2.769	-0.839
2.800	-0.839
2.831	-0.839
2.862	-0.839
2.893	-0.839
2.924	-0.840
2.956	-0.840
2.987	-0.840
3.018	-0.840
3.049	-0.840
3.080	-0.841
3.111	-0.841
3.142	-0.842
3.173	-0.843
3.204	-0.844
3.236	-0.846
3.267	-0.848
3.298	-0.850
3.329	-0.852
3.360	-0.854
3.391	-0.856
3.422	-0.859
3.453	-0.862
3.484	-0.864
3.516	-0.867
3.547	-0.870
3.578	-0.873
3.609	-0.876
3.640	-0.879
3.671	-0.883
3.702	-0.886
3.733	-0.889
3.764	-0.892
3.796	-0.896
3.827	-0.899
3.858	-0.902
3.889	-0.906
3.920	-1.024
3.951	-0.699
3.982	-0.259
4.013	-0.263
4.044	-0.267
4.076	-0.269
4.107	-0.271
4.138	-0.271
4.169	-0.271
4.200	-0.270
4.231	-0.268
4.262	-0.265
4.293	-0.262
4.324	-0.259
4.356	-0.255
4.387	-0.251
4.418	-0.247
4.449	-0.243
4.480	-0.238
4.511	-0.234
4.542	-0.230
4.573	-0.226
4.604	-0.222
4.636	-0.218

4.667	-0.214
4.698	-0.211
4.729	-0.207
4.760	-0.204
4.791	-0.201
4.822	-0.199
4.853	-0.196
4.884	-0.193
4.916	-0.191
4.947	-0.189
4.978	-0.187
5.009	-0.186
5.040	-0.184
5.071	-0.183
5.102	-0.182
5.133	-0.180
5.164	-0.179
5.196	-0.177
5.227	-0.175
5.258	-0.173
5.289	-0.171
5.320	-0.169
5.351	-0.167
5.382	-0.165
5.413	-0.163
5.444	-0.161
5.476	-0.159
5.507	-0.157
5.538	-0.156
5.569	-0.154
5.600	-0.152
5.631	-0.151
5.662	-0.149
5.693	-0.148
5.724	-0.147
5.756	-0.145
5.787	-0.144
5.818	-0.143
5.849	-0.141
5.880	-0.140
5.911	-0.139
5.942	-0.138
5.973	-0.137
6.004	-0.136
6.036	-0.135
6.067	-0.134
6.098	-0.133
6.129	-0.132
6.160	-0.131
6.191	-0.130
6.222	-0.129
6.253	-0.128
6.284	-0.127
6.316	-0.126
6.347	-0.125
6.378	-0.124
6.409	-0.123
6.440	-0.122
6.471	-0.122
6.502	-0.121
6.533	-0.120
6.564	-0.119
6.596	-0.119
6.627	-0.118
6.658	-0.117

6.689	-0.116
6.720	-0.116
6.751	-0.115
6.782	-0.114
6.813	-0.114
6.844	-0.113
6.876	-0.113
6.907	-0.112
6.938	-0.111
6.969	-0.111
7.000	-0.110
7.031	-0.110
7.062	-0.109
7.093	-0.108
7.124	-0.108
7.156	-0.107
7.187	-0.106
7.218	-0.105
7.249	-0.105
7.280	-0.104
7.311	-0.103
7.342	-0.103
7.373	-0.102
7.404	-0.101
7.436	-0.101
7.467	-0.100
7.498	-0.099
7.529	-0.099
7.560	-0.098
7.591	-0.098
7.622	-0.097
7.653	-0.097
7.684	-0.096
7.716	-0.095
7.747	-0.095
7.778	-0.094
7.809	-0.094
7.840	-0.093
7.871	-0.093
7.902	-0.093
7.933	-0.092
7.964	-0.092
7.996	-0.091
8.027	-0.091
8.058	-0.090
8.089	-0.090
8.120	-0.089
8.151	-0.088
8.182	-0.088
8.213	-0.087
8.244	-0.086
8.276	-0.085
8.307	-0.085
8.338	-0.084
8.369	-0.083
8.400	-0.083
8.431	-0.082
8.462	-0.081
8.493	-0.081
8.524	-0.080
8.556	-0.080
8.587	-0.079
8.618	-0.079
8.649	-0.078
8.680	-0.078

8.711	-0.077
8.742	-0.077
8.773	-0.076
8.804	-0.076
8.836	-0.075
8.867	-0.075
8.898	-0.075
8.929	-0.074
8.960	-0.074
8.991	-0.073
9.022	-0.073
9.053	-0.073
9.084	-0.072
9.116	-0.072
9.147	-0.072
9.178	-0.071
9.209	-0.071
9.240	-0.071
9.271	-0.070
57.271	0.018
129.271	-0.011
249.271	-0.006
345.271	-0.005
369.271	-0.005
489.271	-0.003
609.271	-0.001
729.271	0.000

Name: Hyd-3d

Node: Node310

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000
0.249	0.000
0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	0.000
0.622	0.000
0.653	0.000
0.684	0.000
0.716	0.000
0.747	0.000
0.778	0.000
0.809	0.000
0.840	0.000
0.871	0.000
0.902	0.000
0.933	0.000
0.964	0.000

0.996	0.000
1.027	0.000
1.058	0.000
1.089	0.000
1.120	0.000
1.151	0.000
1.182	0.000
1.213	0.000
1.244	0.000
1.276	0.000
1.307	0.000
1.338	0.000
1.369	0.000
1.400	0.000
1.431	0.000
1.462	0.000
1.493	0.000
1.524	0.000
1.556	0.000
1.587	0.000
1.618	0.000
1.649	0.000
1.680	0.000
1.711	0.000
1.742	0.000
1.773	0.000
1.804	0.000
1.836	0.000
1.867	0.000
1.898	0.000
1.929	0.000
1.960	0.000
1.991	0.000
2.022	0.000
2.053	0.000
2.084	0.000
2.116	0.000
2.147	0.000
2.178	0.000
2.209	0.000
2.240	0.000
2.271	0.000
2.302	0.000
2.333	0.000
2.364	0.000
2.396	0.000
2.427	0.000
2.458	0.000
2.489	0.000
2.520	0.000
2.551	0.000
2.582	0.000
2.613	0.000
2.644	0.000
2.676	0.000
2.707	0.000
2.738	0.000
2.769	0.000
2.800	0.000
2.831	0.000
2.862	0.000
2.893	0.000
2.924	0.000
2.956	0.000
2.987	0.000

3.018	0.000
3.049	0.000
3.080	0.000
3.111	0.000
3.142	0.000
3.173	0.000
3.204	0.000
3.236	0.000
3.267	0.000
3.298	0.000
3.329	0.000
3.360	0.000
3.391	0.000
3.422	0.000
3.453	0.000
3.484	0.000
3.516	0.000
3.547	0.000
3.578	0.000
3.609	0.000
3.640	0.000
3.671	0.000
3.702	0.000
3.733	0.000
3.764	0.000
3.796	0.000
3.827	0.000
3.858	0.000
3.889	0.000
3.920	0.000
3.951	0.000
3.982	0.000
4.013	0.000
4.044	0.000
4.076	0.000
4.107	0.000
4.138	0.000
4.169	0.000
4.200	0.000
4.231	0.000
4.262	0.000
4.293	0.000
4.324	0.000
4.356	0.000
4.387	0.000
4.418	0.000
4.449	0.000
4.480	0.000
4.511	0.000
4.542	0.000
4.573	0.000
4.604	0.000
4.636	0.000
4.667	0.000
4.698	0.000
4.729	0.000
4.760	0.000
4.791	0.000
4.822	0.000
4.853	0.000
4.884	0.000
4.916	0.000
4.947	0.000
4.978	0.000
5.009	0.000

5.040	0.000
5.071	0.000
5.102	0.000
5.133	0.000
5.164	0.000
5.196	0.000
5.227	0.000
5.258	0.000
5.289	0.000
5.320	0.000
5.351	0.000
5.382	0.000
5.413	0.000
5.444	0.000
5.476	0.000
5.507	0.000
5.538	0.000
5.569	0.000
5.600	0.000
5.631	0.000
5.662	0.000
5.693	0.000
5.724	0.000
5.756	0.000
5.787	0.000
5.818	0.000
5.849	0.000
5.880	0.000
5.911	-0.000
5.942	-0.000
5.973	-0.000
6.004	-0.000
6.036	-0.000
6.067	-0.000
6.098	-0.001
6.129	-0.001
6.160	-0.001
6.191	-0.001
6.222	-0.002
6.253	-0.002
6.284	-0.003
6.316	-0.003
6.347	-0.004
6.378	-0.004
6.409	-0.005
6.440	-0.005
6.471	-0.006
6.502	-0.006
6.533	-0.007
6.564	-0.007
6.596	-0.008
6.627	-0.009
6.658	-0.009
6.689	-0.010
6.720	-0.010
6.751	-0.011
6.782	-0.011
6.813	-0.012
6.844	-0.013
6.876	-0.013
6.907	-0.014
6.938	-0.014
6.969	-0.015
7.000	-0.015
7.031	-0.016

7.062	-0.017
7.093	-0.017
7.124	-0.018
7.156	-0.018
7.187	-0.019
7.218	-0.019
7.249	-0.020
7.280	-0.020
7.311	-0.021
7.342	-0.022
7.373	-0.022
7.404	-0.023
7.436	-0.023
7.467	-0.024
7.498	-0.024
7.529	-0.025
7.560	-0.025
7.591	-0.026
7.622	-0.026
7.653	-0.027
7.684	-0.027
7.716	-0.028
7.747	-0.028
7.778	-0.029
7.809	-0.029
7.840	-0.030
7.871	-0.030
7.902	-0.031
7.933	-0.031
7.964	-0.032
7.996	-0.032
8.027	-0.034
8.058	-0.037
8.089	-0.042
8.120	-0.050
8.151	-0.059
8.182	-0.068
8.213	-0.077
8.244	-0.085
8.276	-0.092
8.307	-0.099
8.338	-0.105
8.369	-0.111
8.400	-0.117
8.431	-0.122
8.462	-0.127
8.493	-0.133
8.524	-0.137
8.556	-0.142
8.587	-0.147
8.618	-0.151
8.649	-0.156
8.680	-0.160
8.711	-0.164
8.742	-0.168
8.773	-0.172
8.804	-0.176
8.836	-0.180
8.867	-0.183
8.898	-0.187
8.929	-0.190
8.960	-0.194
8.991	-0.197
9.022	-0.200
9.053	-0.204

9.084	-0.207
9.116	-0.210
9.147	-0.213
9.178	-0.216
9.209	-0.218
9.240	-0.221
9.271	-0.224
9.302	-0.227
9.333	-0.229
9.364	-0.232
9.396	-0.235
9.427	-0.237
9.458	-0.240
9.489	-0.242
9.520	-0.245
9.551	-0.247
9.582	-0.250
9.613	-0.252
9.644	-0.254
9.676	-0.257
9.707	-0.259
9.738	-0.261
9.769	-0.263
9.800	-0.266
9.831	-0.268
9.862	-0.270
9.893	-0.272
9.924	-0.274
9.956	-0.276
9.987	-0.278
10.018	-0.280
10.049	-0.282
10.080	-0.284
10.111	-0.286
10.142	-0.288
10.173	-0.290
10.204	-0.291
10.236	-0.293
10.267	-0.295
10.298	-0.297
10.329	-0.299
10.360	-0.300
10.391	-0.302
10.422	-0.304
10.453	-0.305
10.484	-0.307
10.516	-0.309
10.547	-0.310
10.578	-0.312
10.609	-0.313
10.640	-0.315
10.671	-0.317
10.702	-0.318
10.733	-0.320
10.764	-0.321
10.796	-0.323
10.827	-0.324
10.858	-0.325
10.889	-0.327
10.920	-0.328
10.951	-0.330
10.982	-0.331
11.013	-0.332
11.044	-0.334
11.076	-0.335

11.107	-0.336
11.138	-0.338
11.169	-0.339
11.200	-0.340
11.231	-0.341
11.262	-0.343
11.293	-0.344
11.324	-0.345
11.356	-0.346
11.387	-0.347
11.418	-0.349
11.449	-0.350
11.480	-0.351
11.511	-0.352
11.542	-0.353
11.573	-0.354
11.604	-0.355
11.636	-0.356
11.667	-0.358
11.698	-0.359
11.729	-0.360
11.760	-0.361
11.791	-0.362
11.822	-0.363
11.853	-0.364
11.884	-0.365
11.916	-0.366
11.947	-0.367
11.978	-0.368
12.009	-0.368
12.040	-0.366
12.071	-0.360
12.102	-0.350
12.133	-0.336
12.164	-0.322
12.196	-0.308
12.227	-0.296
12.258	-0.285
12.289	-0.277
12.320	-0.269
12.351	-0.263
12.382	-0.258
12.413	-0.253
12.444	-0.249
12.476	-0.245
12.507	-0.242
12.538	-0.240
12.569	-0.237
12.600	-0.235
12.631	-0.233
12.662	-0.231
12.693	-0.230
12.724	-0.229
12.756	-0.228
12.787	-0.227
12.818	-0.226
12.849	-0.225
12.880	-0.225
12.911	-0.224
12.942	-0.224
12.973	-0.224
13.004	-0.224
13.036	-0.224
13.067	-0.224
13.098	-0.224

13.129	-0.224
13.160	-0.224
13.191	-0.224
13.222	-0.224
13.253	-0.225
13.284	-0.225
13.316	-0.225
13.347	-0.225
13.378	-0.225
13.409	-0.226
13.440	-0.226
13.471	-0.226
13.502	-0.226
13.533	-0.227
13.564	-0.227
13.596	-0.227
13.627	-0.227
13.658	-0.228
13.689	-0.228
13.720	-0.228
13.751	-0.228
13.782	-0.228
13.813	-0.229
13.844	-0.229
13.876	-0.229
13.907	-0.229
13.938	-0.230
13.969	-0.230
14.000	-0.230
14.031	-0.230
14.062	-0.230
14.093	-0.231
14.124	-0.231
14.156	-0.231
14.187	-0.231
14.218	-0.231
14.249	-0.232
14.280	-0.218
14.311	-0.195
14.342	-0.186
14.373	-0.184
14.404	-0.182
14.436	-0.179
14.467	-0.177
14.498	-0.173
14.529	-0.170
14.560	-0.166
14.591	-0.163
14.622	-0.159
14.653	-0.155
14.684	-0.151
14.716	-0.147
14.747	-0.144
14.778	-0.140
14.809	-0.136
14.840	-0.133
14.871	-0.130
14.902	-0.126
14.933	-0.123
14.964	-0.120
14.996	-0.118
15.027	-0.115
15.058	-0.112
15.089	-0.110
15.120	-0.108

15.151	-0.105
15.182	-0.103
15.213	-0.101
15.244	-0.099
15.276	-0.098
15.307	-0.096
15.338	-0.094
15.369	-0.093
15.400	-0.091
15.431	-0.090
15.462	-0.089
15.493	-0.088
15.524	-0.086
15.556	-0.085
15.587	-0.084
15.618	-0.083
15.649	-0.082
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15.711	-0.080
15.742	-0.080
15.773	-0.079
15.804	-0.078
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15.867	-0.077
15.898	-0.076
15.929	-0.075
15.960	-0.075
15.991	-0.074
16.022	-0.073
16.053	-0.073
16.084	-0.072
16.116	-0.072
16.147	-0.071
16.178	-0.070
16.209	-0.070
16.240	-0.069
16.271	-0.069
16.302	-0.068
16.333	-0.068
16.364	-0.067
16.396	-0.066
16.427	-0.066
16.458	-0.065
16.489	-0.065
16.520	-0.064
16.551	-0.064
16.582	-0.063
16.613	-0.063
16.644	-0.062
16.676	-0.062
16.707	-0.061
16.738	-0.061
16.769	-0.061
16.800	-0.060
16.831	-0.060
16.862	-0.059
16.893	-0.059
16.924	-0.059
16.956	-0.058
16.987	-0.058
17.018	-0.057
17.049	-0.057
17.080	-0.057
17.111	-0.056
17.142	-0.056

17.173	-0.056
17.204	-0.056
17.236	-0.055
17.267	-0.055
17.298	-0.055
17.329	-0.054
17.360	-0.054
17.391	-0.054
17.422	-0.054
17.453	-0.053
17.484	-0.053
17.516	-0.053
17.547	-0.052
17.578	-0.052
17.609	-0.052
17.640	-0.052
17.671	-0.052
17.702	-0.051
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17.764	-0.051
17.796	-0.051
17.827	-0.050
17.858	-0.050
17.889	-0.050
17.920	-0.050
17.951	-0.050
17.982	-0.049
18.013	-0.049
18.044	-0.049
18.076	-0.049
18.107	-0.049
18.138	-0.048
18.169	-0.048
18.200	-0.048
18.231	-0.048
18.262	-0.048
18.293	-0.048
18.324	-0.047
18.356	-0.047
18.387	-0.047
18.418	-0.047
18.449	-0.047
18.480	-0.047
18.511	-0.046
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18.573	-0.046
18.604	-0.046
18.636	-0.046
18.667	-0.046
18.698	-0.046
18.729	-0.045
18.760	-0.045
18.791	-0.045
18.822	-0.045
18.853	-0.045
18.884	-0.045
18.916	-0.045
18.947	-0.045
18.978	-0.044
19.009	-0.044
19.040	-0.044
19.071	-0.044
19.102	-0.044
19.133	-0.044
19.164	-0.044

19.196	-0.044
19.227	-0.043
19.258	-0.043
19.289	-0.043
19.320	-0.043
19.351	-0.043
19.382	-0.043
19.413	-0.043
19.444	-0.043
19.476	-0.043
19.507	-0.042
19.538	-0.042
19.569	-0.042
19.600	-0.042
19.631	-0.042
19.662	-0.042
19.693	-0.042
19.724	-0.042
19.756	-0.042
19.787	-0.042
19.818	-0.041
19.849	-0.041
19.880	-0.041
19.911	-0.041
19.942	-0.041
19.973	-0.041
20.004	-0.041
20.036	-0.041
20.067	-0.041
20.098	-0.041
20.129	-0.040
20.160	-0.040
20.191	-0.040
20.222	-0.040
20.253	-0.040
20.284	-0.040
20.316	-0.040
20.347	-0.040
20.378	-0.040
20.409	-0.039
20.440	-0.039
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20.502	-0.039
20.533	-0.039
20.564	-0.039
20.596	-0.039
20.627	-0.039
20.658	-0.038
20.689	-0.038
20.720	-0.038
20.751	-0.038
20.782	-0.038
20.813	-0.038
20.844	-0.038
20.876	-0.038
20.907	-0.038
20.938	-0.037
20.969	-0.037
21.000	-0.037
21.031	-0.037
21.062	-0.037
21.093	-0.037
21.124	-0.037
21.156	-0.037
21.187	-0.037

21.218	-0.037
21.249	-0.036
21.280	-0.036
21.311	-0.036
21.342	-0.036
21.373	-0.036
21.404	-0.036
21.436	-0.036
21.467	-0.036
21.498	-0.036
21.529	-0.036
21.560	-0.036
21.591	-0.036
21.622	-0.035
21.653	-0.035
21.684	-0.035
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21.747	-0.035
21.778	-0.035
21.809	-0.035
21.840	-0.035
21.871	-0.035
21.902	-0.035
21.933	-0.035
21.964	-0.035
21.996	-0.035
22.027	-0.035
22.058	-0.034
22.089	-0.034
22.120	-0.034
22.151	-0.034
22.182	-0.034
22.213	-0.034
22.244	-0.034
22.276	-0.034
22.307	-0.034
22.338	-0.034
22.369	-0.034
22.400	-0.034
22.431	-0.034
22.462	-0.034
22.493	-0.034
22.524	-0.033
22.556	-0.033
22.587	-0.033
22.618	-0.033
22.649	-0.033
22.680	-0.033
22.711	-0.033
22.742	-0.033
22.773	-0.033
22.804	-0.033
22.836	-0.033
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73.049	-0.019
73.080	-0.019
73.111	-0.019
73.142	-0.019
73.173	-0.019
73.204	-0.019
73.236	-0.019
73.267	-0.019
193.267	0.008
313.267	-0.007
409.267	-0.005
433.267	-0.005
553.267	-0.004
673.267	-0.003
793.267	0.000

Name: Hyd-7d

Node: Node310

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000

0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000
0.249	0.000
0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	0.000
0.622	0.000
0.653	0.000
0.684	0.000
0.716	0.000
0.747	0.000
0.778	0.000
0.809	0.000
0.840	0.000
0.871	0.000
0.902	0.000
0.933	0.000
0.964	0.000
0.996	0.000
1.027	0.000
1.058	0.000
1.089	0.000
1.120	0.000
1.151	0.000
1.182	0.000
1.213	0.000
1.244	0.000
1.276	0.000
1.307	0.000
1.338	0.000
1.369	0.000
1.400	0.000
1.431	0.000
1.462	0.000
1.493	0.000
1.524	0.000
1.556	0.000
1.587	0.000
1.618	0.000
1.649	0.000
1.680	0.000
1.711	0.000
1.742	0.000
1.773	0.000
1.804	0.000
1.836	0.000
1.867	0.000
1.898	0.000
1.929	0.000
1.960	0.000
1.991	0.000
2.022	0.000
2.053	0.000
2.084	0.000

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

2.116	0.000
2.147	0.000
2.178	0.000
2.209	0.000
2.240	0.000
2.271	0.000
2.302	0.000
2.333	0.000
2.364	0.000
2.396	0.000
2.427	0.000
2.458	0.000
2.489	0.000
2.520	0.000
2.551	0.000
2.582	0.000
2.613	0.000
2.644	0.000
2.676	0.000
2.707	0.000
2.738	0.000
2.769	0.000
2.800	0.000
2.831	0.000
2.862	0.000
2.893	0.000
2.924	0.000
2.956	0.000
2.987	0.000
3.018	0.000
3.049	0.000
3.080	0.000
3.111	0.000
3.142	0.000
3.173	0.000
3.204	0.000
3.236	0.000
3.267	0.000
3.298	0.000
3.329	0.000
3.360	0.000
3.391	0.000
3.422	0.000
3.453	0.000
3.484	0.000
3.516	0.000
3.547	0.000
3.578	0.000
3.609	0.000
3.640	0.000
3.671	0.000
3.702	0.000
3.733	0.000
3.764	0.000
3.796	0.000
3.827	0.000
3.858	0.000
3.889	0.000
3.920	0.000
3.951	0.000
3.982	0.000
4.013	0.000
4.044	0.000
4.076	0.000
4.107	0.000

4.138	0.000
4.169	0.000
4.200	0.000
4.231	0.000
4.262	0.000
4.293	0.000
4.324	0.000
4.356	0.000
4.387	0.000
4.418	0.000
4.449	0.000
4.480	0.000
4.511	0.000
4.542	0.000
4.573	0.000
4.604	0.000
4.636	0.000
4.667	0.000
4.698	0.000
4.729	0.000
4.760	0.000
4.791	0.000
4.822	0.000
4.853	0.000
4.884	0.000
4.916	0.000
4.947	0.000
4.978	0.000
5.009	0.000
5.040	0.000
5.071	0.000
5.102	0.000
5.133	0.000
5.164	0.000
5.196	0.000
5.227	0.000
5.258	0.000
5.289	0.000
5.320	0.000
5.351	0.000
5.382	0.000
5.413	0.000
5.444	0.000
5.476	0.000
5.507	0.000
5.538	0.000
5.569	0.000
5.600	0.000
5.631	0.000
5.662	0.000
5.693	0.000
5.724	0.000
5.756	0.000
5.787	0.000
5.818	0.000
5.849	0.000
5.880	0.000
5.911	0.000
5.942	0.000
5.973	0.000
6.004	0.000
6.036	0.000
6.067	0.000
6.098	0.000
6.129	0.000

6.160	0.000
6.191	0.000
6.222	0.000
6.253	0.000
6.284	0.000
6.316	0.000
6.347	0.000
6.378	0.000
6.409	0.000
6.440	0.000
6.471	0.000
6.502	0.000
6.533	0.000
6.564	0.000
6.596	0.000
6.627	0.000
6.658	0.000
6.689	0.000
6.720	0.000
6.751	0.000
6.782	0.000
6.813	0.000
6.844	0.000
6.876	-0.000
6.907	-0.000
6.938	-0.000
6.969	-0.000
7.000	-0.000
7.031	-0.000
7.062	-0.000
7.093	-0.000
7.124	-0.000
7.156	-0.000
7.187	-0.000
7.218	-0.001
7.249	-0.001
7.280	-0.001
7.311	-0.001
7.342	-0.001
7.373	-0.001
7.404	-0.001
7.436	-0.001
7.467	-0.001
7.498	-0.002
7.529	-0.002
7.560	-0.002
7.591	-0.002
7.622	-0.002
7.653	-0.002
7.684	-0.002
7.716	-0.002
7.747	-0.003
7.778	-0.003
7.809	-0.003
7.840	-0.003
7.871	-0.003
7.902	-0.003
7.933	-0.003
7.964	-0.003
7.996	-0.004
8.027	-0.004
8.058	-0.004
8.089	-0.004
8.120	-0.004
8.151	-0.004

8.182	-0.004
8.213	-0.004
8.244	-0.004
8.276	-0.004
8.307	-0.005
8.338	-0.005
8.369	-0.005
8.400	-0.005
8.431	-0.005
8.462	-0.005
8.493	-0.005
8.524	-0.005
8.556	-0.005
8.587	-0.006
8.618	-0.006
8.649	-0.006
8.680	-0.006
8.711	-0.006
8.742	-0.006
8.773	-0.006
8.804	-0.006
8.836	-0.006
8.867	-0.007
8.898	-0.007
8.929	-0.007
8.960	-0.007
8.991	-0.007
9.022	-0.007
9.053	-0.007
9.084	-0.007
9.116	-0.007
9.147	-0.007
9.178	-0.008
9.209	-0.008
9.240	-0.008
9.271	-0.008
9.302	-0.008
9.333	-0.008
9.364	-0.008
9.396	-0.008
9.427	-0.008
9.458	-0.008
9.489	-0.009
9.520	-0.009
9.551	-0.009
9.582	-0.009
9.613	-0.009
9.644	-0.009
9.676	-0.009
9.707	-0.009
9.738	-0.009
9.769	-0.009
9.800	-0.010
9.831	-0.010
9.862	-0.010
9.893	-0.010
9.924	-0.010
9.956	-0.010
9.987	-0.010
10.018	-0.010
10.049	-0.010
10.080	-0.010
10.111	-0.011
10.142	-0.011
10.173	-0.011

10.204	-0.011
10.236	-0.011
10.267	-0.011
10.298	-0.011
10.329	-0.011
10.360	-0.011
10.391	-0.011
10.422	-0.011
10.453	-0.012
10.484	-0.012
10.516	-0.012
10.547	-0.012
10.578	-0.012
10.609	-0.012
10.640	-0.012
10.671	-0.012
10.702	-0.012
10.733	-0.012
10.764	-0.013
10.796	-0.013
10.827	-0.013
10.858	-0.013
10.889	-0.013
10.920	-0.013
10.951	-0.013
10.982	-0.013
11.013	-0.013
11.044	-0.013
11.076	-0.013
11.107	-0.013
11.138	-0.014
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11.200	-0.014
11.231	-0.014
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11.293	-0.014
11.324	-0.014
11.356	-0.014
11.387	-0.014
11.418	-0.014
11.449	-0.014
11.480	-0.015
11.511	-0.015
11.542	-0.015
11.573	-0.015
11.604	-0.015
11.636	-0.015
11.667	-0.015
11.698	-0.015
11.729	-0.015
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11.822	-0.015
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11.884	-0.016
11.916	-0.016
11.947	-0.016
11.978	-0.016
12.009	-0.016
12.040	-0.016
12.071	-0.016
12.102	-0.016
12.133	-0.016
12.164	-0.016
12.196	-0.016

12.227	-0.017
12.258	-0.017
12.289	-0.017
12.320	-0.017
12.351	-0.017
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12.413	-0.017
12.444	-0.017
12.476	-0.017
12.507	-0.017
12.538	-0.017
12.569	-0.017
12.600	-0.018
12.631	-0.018
12.662	-0.018
12.693	-0.018
12.724	-0.018
12.756	-0.018
12.787	-0.018
12.818	-0.018
12.849	-0.018
12.880	-0.018
12.911	-0.018
12.942	-0.018
12.973	-0.018
13.004	-0.019
13.036	-0.019
13.067	-0.019
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13.253	-0.019
13.284	-0.019
13.316	-0.019
13.347	-0.019
13.378	-0.019
13.409	-0.020
13.440	-0.020
13.471	-0.020
13.502	-0.020
13.533	-0.020
13.564	-0.020
13.596	-0.020
13.627	-0.020
13.658	-0.020
13.689	-0.020
13.720	-0.020
13.751	-0.020
13.782	-0.020
13.813	-0.021
13.844	-0.021
13.876	-0.021
13.907	-0.021
13.938	-0.021
13.969	-0.021
14.000	-0.021
14.031	-0.021
14.062	-0.021
14.093	-0.021
14.124	-0.021
14.156	-0.021
14.187	-0.021
14.218	-0.021

14.249	-0.022
14.280	-0.022
14.311	-0.022
14.342	-0.022
14.373	-0.022
14.404	-0.022
14.436	-0.022
14.467	-0.022
14.498	-0.022
14.529	-0.022
14.560	-0.022
14.591	-0.022
14.622	-0.022
14.653	-0.022
14.684	-0.022
14.716	-0.023
14.747	-0.023
14.778	-0.023
14.809	-0.023
14.840	-0.023
14.871	-0.023
14.902	-0.023
14.933	-0.023
14.964	-0.023
14.996	-0.023
15.027	-0.023
15.058	-0.023
15.089	-0.023
15.120	-0.023
15.151	-0.024
15.182	-0.024
15.213	-0.024
15.244	-0.024
15.276	-0.024
15.307	-0.024
15.338	-0.024
15.369	-0.024
15.400	-0.024
15.431	-0.024
15.462	-0.024
15.493	-0.024
15.524	-0.024
15.556	-0.024
15.587	-0.024
15.618	-0.024
15.649	-0.025
15.680	-0.025
15.711	-0.025
15.742	-0.025
15.773	-0.025
15.804	-0.025
15.836	-0.025
15.867	-0.025
15.898	-0.025
15.929	-0.025
15.960	-0.025
15.991	-0.025
16.022	-0.025
16.053	-0.025
16.084	-0.026
16.116	-0.026
16.147	-0.026
16.178	-0.026
16.209	-0.026
16.240	-0.026

16.271	-0.026
16.302	-0.026
16.333	-0.027
16.364	-0.027
16.396	-0.027
16.427	-0.027
16.458	-0.027
16.489	-0.027
16.520	-0.027
16.551	-0.027
16.582	-0.027
16.613	-0.027
16.644	-0.027
16.676	-0.028
16.707	-0.028
16.738	-0.028
16.769	-0.028
16.800	-0.028
16.831	-0.028
16.862	-0.028
16.893	-0.028
16.924	-0.028
16.956	-0.028
16.987	-0.028
17.018	-0.028
17.049	-0.028
17.080	-0.028
17.111	-0.028
17.142	-0.029
17.173	-0.029
17.204	-0.029
17.236	-0.029
17.267	-0.029
17.298	-0.029
17.329	-0.029
17.360	-0.029
17.391	-0.029
17.422	-0.029
17.453	-0.029
17.484	-0.029
17.516	-0.029
17.547	-0.029
17.578	-0.029
17.609	-0.029
17.640	-0.030
17.671	-0.030
17.702	-0.030
17.733	-0.030
17.764	-0.030
17.796	-0.030
17.827	-0.030
17.858	-0.030
17.889	-0.030
17.920	-0.030
17.951	-0.030
17.982	-0.030
18.013	-0.030
18.044	-0.030
18.076	-0.030
18.107	-0.030
18.138	-0.030
18.169	-0.031
18.200	-0.031
18.231	-0.031
18.262	-0.031

18.293	-0.031
18.324	-0.031
18.356	-0.031
18.387	-0.031
18.418	-0.031
18.449	-0.031
18.480	-0.031
18.511	-0.031
18.542	-0.031
18.573	-0.031
18.604	-0.031
18.636	-0.031
18.667	-0.031
18.698	-0.031
18.729	-0.032
18.760	-0.032
18.791	-0.032
18.822	-0.032
18.853	-0.032
18.884	-0.032
18.916	-0.032
18.947	-0.032
18.978	-0.032
19.009	-0.032
19.040	-0.032
19.071	-0.032
19.102	-0.032
19.133	-0.032
19.164	-0.032
19.196	-0.032
19.227	-0.032
19.258	-0.032
19.289	-0.033
19.320	-0.033
19.351	-0.033
19.382	-0.033
19.413	-0.033
19.444	-0.033
19.476	-0.033
19.507	-0.033
19.538	-0.033
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19.662	-0.033
19.693	-0.033
19.724	-0.033
19.756	-0.033
19.787	-0.033
19.818	-0.033
19.849	-0.033
19.880	-0.034
19.911	-0.034
19.942	-0.034
19.973	-0.034
20.004	-0.034
20.036	-0.034
20.067	-0.034
20.098	-0.034
20.129	-0.034
20.160	-0.034
20.191	-0.034
20.222	-0.034
20.253	-0.034
20.284	-0.034

20.316	-0.034
20.347	-0.034
20.378	-0.034
20.409	-0.034
20.440	-0.034
20.471	-0.035
20.502	-0.035
20.533	-0.035
20.564	-0.035
20.596	-0.035
20.627	-0.035
20.658	-0.035
20.689	-0.035
20.720	-0.035
20.751	-0.035
20.782	-0.035
20.813	-0.035
20.844	-0.035
20.876	-0.035
20.907	-0.035
20.938	-0.035
20.969	-0.035
21.000	-0.035
21.031	-0.035
21.062	-0.035
21.093	-0.035
21.124	-0.036
21.156	-0.036
21.187	-0.036
21.218	-0.036
21.249	-0.036
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21.342	-0.036
21.373	-0.036
21.404	-0.036
21.436	-0.036
21.467	-0.036
21.498	-0.036
21.529	-0.036
21.560	-0.036
21.591	-0.036
21.622	-0.036
21.653	-0.036
21.684	-0.036
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21.871	-0.037
21.902	-0.037
21.933	-0.037
21.964	-0.037
21.996	-0.037
22.027	-0.037
22.058	-0.037
22.089	-0.037
22.120	-0.037
22.151	-0.037
22.182	-0.037
22.213	-0.037
22.244	-0.037
22.276	-0.037
22.307	-0.037

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22.369	-0.037
22.400	-0.037
22.431	-0.037
22.462	-0.038
22.493	-0.038
22.524	-0.038
22.556	-0.038
22.587	-0.038
22.618	-0.038
22.649	-0.038
22.680	-0.038
22.711	-0.038
22.742	-0.038
22.773	-0.038
22.804	-0.038
22.836	-0.038
22.867	-0.038
22.898	-0.038
22.929	-0.038
22.960	-0.038
22.991	-0.038
23.022	-0.038
23.053	-0.038
23.084	-0.038
23.116	-0.038
23.147	-0.038
23.178	-0.039
23.209	-0.039
23.240	-0.039
23.271	-0.039
23.302	-0.039
23.333	-0.039
23.364	-0.039
23.396	-0.039
23.427	-0.039
23.458	-0.039
23.489	-0.039
23.520	-0.039
23.551	-0.039
23.582	-0.039
23.613	-0.039
23.644	-0.039
23.676	-0.039
23.707	-0.039
23.738	-0.039
23.769	-0.039
23.800	-0.039
23.831	-0.039
23.862	-0.039
23.893	-0.039
23.924	-0.040
23.956	-0.040
23.987	-0.040
24.018	-0.040
24.049	-0.040
24.080	-0.041
24.111	-0.042
24.142	-0.043
24.173	-0.044
24.204	-0.046
24.236	-0.047
24.267	-0.048
24.298	-0.048
24.329	-0.049

24.360	-0.050
24.391	-0.050
24.422	-0.051
24.453	-0.051
24.484	-0.052
24.516	-0.052
24.547	-0.052
24.578	-0.053
24.609	-0.053
24.640	-0.053
24.671	-0.053
24.702	-0.054
24.733	-0.054
24.764	-0.054
24.796	-0.054
24.827	-0.054
24.858	-0.054
24.889	-0.054
24.920	-0.055
24.951	-0.055
24.982	-0.055
25.013	-0.055
25.044	-0.055
25.076	-0.055
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169.276	-0.012
289.276	0.013
409.276	-0.006
505.276	-0.005
529.276	-0.005
649.276	-0.004
769.276	-0.003
889.276	0.000

Name: Hyd-10d

Node: Node310

Type: Flow

Time(hrs)

Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000

0.249	0.000
0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	0.000
0.622	0.000
0.653	0.000
0.684	0.000
0.716	0.000
0.747	0.000
0.778	0.000
0.809	0.000
0.840	0.000
0.871	0.000
0.902	0.000
0.933	0.000
0.964	0.000
0.996	0.000
1.027	0.000
1.058	0.000
1.089	0.000
1.120	0.000
1.151	0.000
1.182	0.000
1.213	0.000
1.244	0.000
1.276	0.000
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1.462	0.000
1.493	0.000
1.524	0.000
1.556	0.000
1.587	0.000
1.618	0.000
1.649	0.000
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1.711	0.000
1.742	0.000
1.773	0.000
1.804	0.000
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1.867	0.000
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1.960	0.000
1.991	0.000
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32.449	-0.265
32.480	-0.271
32.511	-0.276
32.542	-0.281
32.573	-0.286

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33.662	-0.340
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33.787	-0.343
33.818	-0.343
33.849	-0.344
33.880	-0.345
33.911	-0.345
33.942	-0.346
33.973	-0.347
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34.067	-0.294
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34.596	-0.135

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34.907	-0.109
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233.209	-0.013
233.240	-0.013
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233.333	-0.013
233.364	-0.013
233.396	-0.013
233.427	-0.013
233.458	-0.013
233.489	-0.013
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233.551	-0.013
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233.676	-0.013
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233.893	-0.013
233.924	-0.013
233.956	-0.013
233.987	-0.013
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234.080	-0.013
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234.142	-0.013
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234.982	-0.013
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235.044	-0.013
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235.138	-0.013
235.169	-0.013
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240.613	-0.012
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240.676	-0.011
240.707	-0.011
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240.769	-0.011
240.800	-0.011
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241.173	-0.011
241.204	-0.011
241.236	-0.011
241.267	-0.011
289.267	-0.003
433.267	-0.005
481.267	-0.005
577.267	-0.004
601.267	-0.004
721.267	-0.003
841.267	-0.002
961.267	0.000

Name: Hyd-24hr

Node: Node310

Type: Flow

Time(hrs)	Flow(cfs)

0.000	0.000
0.031	0.000
0.062	0.000
0.093	0.000
0.124	0.000
0.156	0.000
0.187	0.000
0.218	0.000
0.249	0.000
0.280	0.000
0.311	0.000
0.342	0.000
0.373	0.000
0.404	0.000
0.436	0.000
0.467	0.000
0.498	0.000
0.529	0.000
0.560	0.000
0.591	0.000
0.622	0.000
0.653	0.000
0.684	0.000
0.716	0.000
0.747	0.000
0.778	0.000
0.809	0.000
0.840	0.000
0.871	0.000
0.902	0.000
0.933	0.000
0.964	0.000
0.996	0.000
1.027	0.000
1.058	0.000
1.089	0.000
1.120	0.000
1.151	0.000

1.182	0.000
1.213	0.000
1.244	0.000
1.276	0.000
1.307	0.000
1.338	0.000
1.369	0.000
1.400	0.000
1.431	0.000
1.462	0.000
1.493	0.000
1.524	0.000
1.556	0.000
1.587	0.000
1.618	0.000
1.649	0.000
1.680	0.000
1.711	0.000
1.742	0.000
1.773	0.000
1.804	0.000
1.836	0.000
1.867	0.000
1.898	0.000
1.929	0.000
1.960	0.000
1.991	0.000
2.022	0.000
2.053	0.000
2.084	0.000
2.116	0.000
2.147	0.000
2.178	0.000
2.209	0.000
2.240	0.000
2.271	0.000
2.302	0.000
2.333	0.000
2.364	0.000
2.396	0.000
2.427	0.000
2.458	0.000
2.489	0.000
2.520	0.000
2.551	0.000
2.582	0.000
2.613	0.000
2.644	0.000
2.676	0.000
2.707	0.000
2.738	0.000
2.769	0.000
2.800	0.000
2.831	0.000
2.862	0.000
2.893	0.000
2.924	0.000
2.956	0.000
2.987	0.000
3.018	0.000
3.049	0.000
3.080	0.000
3.111	0.000
3.142	0.000
3.173	0.000

3.204	0.000
3.236	0.000
3.267	0.000
3.298	0.000
3.329	0.000
3.360	0.000
3.391	0.000
3.422	0.000
3.453	0.000
3.484	0.000
3.516	0.000
3.547	0.000
3.578	0.000
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3.640	0.000
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3.702	0.000
3.733	0.000
3.764	0.000
3.796	0.000
3.827	0.000
3.858	0.000
3.889	0.000
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3.982	0.000
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4.511	0.000
4.542	0.000
4.573	0.000
4.604	0.000
4.636	0.000
4.667	0.000
4.698	0.000
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5.133	0.000
5.164	0.000
5.196	0.000

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6.627	0.000
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6.876	0.000
6.907	0.000
6.938	0.000
6.969	0.000
7.000	0.000
7.031	0.000
7.062	0.000
7.093	0.000
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7.218	0.000

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17.080	-0.005
17.111	-0.005
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17.329	-0.006

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17.702	-0.006
17.733	-0.006
17.764	-0.006
17.796	-0.006
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241.080	-0.013
241.111	-0.013
241.142	-0.013
241.173	-0.013
241.204	-0.013
241.236	-0.013
241.267	-0.013
289.267	-0.002
433.267	-0.006
481.267	-0.006
577.267	-0.005
601.267	-0.005
721.267	-0.004
841.267	-0.003
961.267	0.000

Name: Area30	Area300	Area301	Area302	Area305
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-10d
Node: Ditch 30	Node300	Node301	Node302	Node305
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 5.60	5.07	6.40	5.73	3.87
Comp Time Inc(min): 5.60	5.07	6.40	5.73	3.87
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-240
Rain Amount(in): 18.000	18.000	18.000	18.000	18.000
Duration(hrs): 240.00	240.00	240.00	240.00	240.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 42.00	38.00	48.00	43.00	29.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 7.288	4.647	3.817	4.388	1.997
Vol of Unit Hyd(in): 1.001	1.000	1.000	1.000	1.000
Curve Num: 59.300	77.500	62.100	60.700	60.600
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 183.96	184.00	184.00	183.94	183.98
Flow Max(cfs): 3.989	2.814	2.135	2.429	1.108
Runoff Volume(in): 11.773	14.937	12.309	12.042	12.025
Runoff Volume(ft3): 311459.711	251964.305	170553.315	191816.061	87168.578

Name: Area308	Area31	Area310	Area311	Area30
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-10d	100yr-10d	100yr-10d	100yr-10d	100yr-1hr
Node: Node308	WET-D	Node310	POST-WET-D	Ditch 30
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 1.33	5.33	1.87	5.33	5.60
Comp Time Inc(min): 1.33	5.33	1.87	5.33	5.60
Rain File: Fdot-240	Fdot-240	Fdot-240	Fdot-240	Fdot-1
Rain Amount(in): 18.000	18.000	18.000	18.000	4.400
Duration(hrs): 240.00	240.00	240.00	240.00	1.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 10.00	40.00	14.00	40.00	42.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 0.776	17.298	1.331	7.158	7.288
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.001
Curve Num: 82.400	59.700	84.400	65.900	59.300
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 184.00	184.00	183.99	184.00	1.03
Flow Max(cfs): 0.477	9.507	0.821	4.112	6.521
Runoff Volume(in): 15.675	11.852	15.964	13.005	0.919
Runoff Volume(ft3): 44154.490	744193.741	77129.665	337927.135	24322.928

Name: Area300	Area301	Area302	Area305	Area308
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr	100yr-1hr
Node: Node300	Node301	Node302	Node305	Node308
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 5.07	6.40	5.73	3.87	1.33
Comp Time Inc(min): 5.07	6.40	5.73	3.87	1.33
Rain File: Fdot-1	Fdot-1	Fdot-1	Fdot-1	Fdot-1
Rain Amount(in): 4.400	4.400	4.400	4.400	4.400
Duration(hrs): 1.00	1.00	1.00	1.00	1.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 38.00	48.00	43.00	29.00	10.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00

Area(ac):	4.647	3.817	4.388	1.997	0.776
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	77.500	62.100	60.700	60.600	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	0.93	1.07	1.05	0.90	0.67
Flow Max(cfs):	10.166	3.573	4.192	2.544	4.049
Runoff Volume(in):	2.158	1.084	1.002	0.997	2.585
Runoff Volume(ft3):	36404.661	15026.037	15954.051	7228.458	7281.162

Name:	Area31	Area310	Area311	Area30	Area300
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-1hr	100yr-1hr	100yr-1hr	100yr-24hr	100yr-24hr
Node:	WET-D	Node310	POST-WET-D	Ditch 30	Node300
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Comp Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Rain File:	Fdot-1	Fdot-1	Fdot-1	Fdot-24	Fdot-24
Rain Amount(in):	4.400	4.400	4.400	11.040	11.040
Duration(hrs):	1.00	1.00	1.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	14.00	40.00	42.00	38.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	17.298	1.331	7.158	7.288	4.647
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.001	1.000
Curve Num:	59.700	84.400	65.900	59.300	77.500
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.07	0.68	0.98	12.23	12.16
Flow Max(cfs):	16.563	6.441	9.449	4.456	4.150
Runoff Volume(in):	0.947	2.763	1.324	5.655	8.189
Runoff Volume(ft3):	59463.056	13351.667	34389.724	149597.817	138128.756

Name:	Area301	Area302	Area305	Area308	Area31
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr	100yr-24hr
Node:	Node301	Node302	Node305	Node308	WET-D
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	6.40	5.73	3.87	1.33	5.33
Comp Time Inc(min):	6.40	5.73	3.87	1.33	5.33
Rain File:	Fdot-24	Fdot-24	Fdot-24	Fdot-24	Fdot-24
Rain Amount(in):	11.040	11.040	11.040	11.040	11.040
Duration(hrs):	24.00	24.00	24.00	24.00	24.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	48.00	43.00	29.00	10.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	3.817	4.388	1.997	0.776	17.298
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	62.100	60.700	60.600	82.400	59.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.27	12.23	12.12	12.00	12.18
Flow Max(cfs):	2.451	2.775	1.339	0.792	10.798
Runoff Volume(in):	6.058	5.856	5.841	8.839	5.714
Runoff Volume(ft3):	83940.505	93278.979	42340.095	24897.002	358769.520

Name:	Area310	Area311	Area30	Area300	Area301
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-24hr	100yr-24hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Node310	POST-WET-D	Ditch 30	Node300	Node301
Type:	SCS	SCS	SCS	SCS	SCS

Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.87	5.33	5.60	5.07	6.40
Comp Time Inc(min):	1.87	5.33	5.60	5.07	6.40
Rain File:	Fdot-24	Fdot-24	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	11.040	11.040	5.000	5.000	5.000
Duration(hrs):	24.00	24.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	14.00	40.00	42.00	38.00	48.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.331	7.158	7.288	4.647	3.817
Vol of Unit Hyd(in):	1.000	1.000	1.001	1.000	1.000
Curve Num:	84.400	65.900	59.300	77.500	62.100
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	12.01	12.18	1.31	1.18	1.39
Flow Max(cfs):	1.379	5.193	5.603	8.530	3.175
Runoff Volume(in):	9.097	6.597	1.243	2.644	1.421
Runoff Volume(ft3):	43953.985	171421.209	32891.994	44600.280	19692.917

Name:	Area302	Area305	Area308	Area31	Area310
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr	100yr-2hr
Node:	Node302	Node305	Node308	WET-D	Node310
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.73	3.87	1.33	5.33	1.87
Comp Time Inc(min):	5.73	3.87	1.33	5.33	1.87
Rain File:	Fdot-2	Fdot-2	Fdot-2	Fdot-2	Fdot-2
Rain Amount(in):	5.000	5.000	5.000	5.000	5.000
Duration(hrs):	2.00	2.00	2.00	2.00	2.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	43.00	29.00	10.00	40.00	14.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	4.388	1.997	0.776	17.298	1.331
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	60.700	60.600	82.400	59.700	84.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.34	1.16	0.84	1.33	0.87
Flow Max(cfs):	3.602	2.015	3.193	13.912	5.103
Runoff Volume(in):	1.323	1.342	3.118	1.269	3.307
Runoff Volume(ft3):	21069.131	9725.764	8783.742	79657.821	15976.129

Name:	Area311	Area30	Area300	Area301	Area302
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-2hr	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	POST-WET-D	Ditch 30	Node300	Node301	Node302
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	5.60	5.07	6.40	5.73
Comp Time Inc(min):	5.33	5.60	5.07	6.40	5.73
Rain File:	Fdot-2	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	5.000	13.800	13.800	13.800	13.800
Duration(hrs):	2.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	42.00	38.00	48.00	43.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	7.158	7.288	4.647	3.817	4.388
Vol of Unit Hyd(in):	1.000	1.001	1.000	1.000	1.000
Curve Num:	65.900	59.300	77.500	62.100	60.700
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	1.24	60.01	59.95	59.95	60.01

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Flow Max(cfs):	7.958	4.136	3.050	2.229	2.530
Runoff Volume(in):	1.706	8.007	10.840	8.474	8.240
Runoff Volume(ft3):	44323.907	211829.396	182860.725	117407.745	131253.049

Name:	Area305	Area308	Area31	Area310	Area311
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-3d	100yr-3d	100yr-3d	100yr-3d	100yr-3d
Node:	Node305	Node308	WET-D	Node310	POST-WET-D
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	3.87	1.33	5.33	1.87	5.33
Comp Time Inc(min):	3.87	1.33	5.33	1.87	5.33
Rain File:	Fdot-72	Fdot-72	Fdot-72	Fdot-72	Fdot-72
Rain Amount(in):	13.800	13.800	13.800	13.800	13.800
Duration(hrs):	72.00	72.00	72.00	72.00	72.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	29.00	10.00	40.00	14.00	40.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	1.997	0.776	17.298	1.331	7.158
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	60.600	82.400	59.700	84.400	65.900
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	60.00	59.98	60.00	59.98	60.00
Flow Max(cfs):	1.156	0.521	9.875	0.899	4.350
Runoff Volume(in):	8.225	11.536	8.076	11.810	9.087
Runoff Volume(ft3):	59625.991	32495.356	507118.118	57060.596	236111.265

Name:	Area30	Area300	Area301	Area302	Area305
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr
Node:	Ditch 30	Node300	Node301	Node302	Node305
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.60	5.07	6.40	5.73	3.87
Comp Time Inc(min):	5.60	5.07	6.40	5.73	3.87
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-4
Rain Amount(in):	6.250	6.250	6.250	6.250	6.250
Duration(hrs):	4.00	4.00	4.00	4.00	4.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	42.00	38.00	48.00	43.00	29.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	7.288	4.647	3.817	4.388	1.997
Vol of Unit Hyd(in):	1.001	1.000	1.000	1.000	1.000
Curve Num:	59.300	77.500	62.100	60.700	60.600
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.99	2.70	3.09	2.96	2.71
Flow Max(cfs):	7.353	8.396	4.072	4.620	2.379
Runoff Volume(in):	2.014	3.744	2.264	2.135	2.140
Runoff Volume(ft3):	53276.791	63157.081	31366.614	34009.862	15510.048

Name:	Area308	Area31	Area310	Area311	Area30
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-4hr	100yr-4hr	100yr-4hr	100yr-4hr	100yr-7d
Node:	Node308	WET-D	Node310	POST-WET-D	Ditch 30
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	1.33	5.33	1.87	5.33	5.60
Comp Time Inc(min):	1.33	5.33	1.87	5.33	5.60
Rain File:	Fdot-4	Fdot-4	Fdot-4	Fdot-4	Fdot-168

Rain Amount(in):	6.250	6.250	6.250	6.250	16.000
Duration(hrs):	4.00	4.00	4.00	4.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	10.00	40.00	14.00	40.00	42.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	0.776	17.298	1.331	7.158	7.288
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.001
Curve Num:	82.400	59.700	84.400	65.900	59.300
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	2.04	3.02	2.08	2.84	159.97
Flow Max(cfs):	1.987	17.978	3.397	9.221	3.064
Runoff Volume(in):	4.262	2.062	4.472	2.619	9.960
Runoff Volume(ft3):	12005.373	129457.060	21605.386	68047.006	263491.559

Name:	Area300	Area301	Area302	Area305	Area308
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-7d	100yr-7d
Node:	Node300	Node301	Node302	Node305	Node308
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.07	6.40	5.73	3.87	1.33
Comp Time Inc(min):	5.07	6.40	5.73	3.87	1.33
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-168	Fdot-168
Rain Amount(in):	16.000	16.000	16.000	16.000	16.000
Duration(hrs):	168.00	168.00	168.00	168.00	168.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	38.00	48.00	43.00	29.00	10.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	4.647	3.817	4.388	1.997	0.776
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.000	1.000
Curve Num:	77.500	62.100	60.700	60.600	82.400
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	159.93	160.00	159.96	159.95	160.00
Flow Max(cfs):	2.141	1.637	1.864	0.849	0.362
Runoff Volume(in):	12.978	10.464	10.213	10.191	13.700
Runoff Volume(ft3):	218920.235	144988.672	162674.976	73877.825	38591.466

Name:	Area31	Area310	Area311	Area30	Area300
Group:	BASE	BASE	BASE	BASE	BASE
Simulation:	100yr-7d	100yr-7d	100yr-7d	100yr-8hr	100yr-8hr
Node:	WET-D	Node310	POST-WET-D	Ditch 30	Node300
Type:	SCS	SCS	SCS	SCS	SCS
Unit Hydrograph:	Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor:	323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Comp Time Inc(min):	5.33	1.87	5.33	5.60	5.07
Rain File:	Fdot-168	Fdot-168	Fdot-168	Fdot-8	Fdot-8
Rain Amount(in):	16.000	16.000	16.000	7.500	7.500
Duration(hrs):	168.00	168.00	168.00	8.00	8.00
Status:	Onsite	Onsite	Onsite	Onsite	Onsite
TC(min):	40.00	14.00	40.00	42.00	38.00
Time Shift(hrs):	0.00	0.00	0.00	0.00	0.00
Area(ac):	17.298	1.331	7.158	7.288	4.647
Vol of Unit Hyd(in):	1.000	1.000	1.000	1.001	1.000
Curve Num:	59.700	84.400	65.900	59.300	77.500
DCIA(%):	0.000	0.000	0.000	0.000	0.000
Time Max(hrs):	160.00	160.00	160.00	4.29	4.22
Flow Max(cfs):	7.297	0.624	3.144	8.048	9.163
Runoff Volume(in):	10.033	13.983	11.125	2.880	4.864
Runoff Volume(ft3):	629978.362	67559.912	289055.251	76204.095	82040.692

Name: Area301	Area302	Area305	Area308	Area31
Group: BASE	BASE	BASE	BASE	BASE
Simulation: 100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr	100yr-8hr
Node: Node301	Node302	Node305	Node308	WET-D
Type: SCS	SCS	SCS	SCS	SCS
Unit Hydrograph: Uh323	Uh323	Uh323	Uh323	Uh323
Peaking Factor: 323.0	323.0	323.0	323.0	323.0
Spec Time Inc(min): 6.40	5.73	3.87	1.33	5.33
Comp Time Inc(min): 6.40	5.73	3.87	1.33	5.33
Rain File: Fdot-8	Fdot-8	Fdot-8	Fdot-8	Fdot-8
Rain Amount(in): 7.500	7.500	7.500	7.500	7.500
Duration(hrs): 8.00	8.00	8.00	8.00	8.00
Status: Onsite	Onsite	Onsite	Onsite	Onsite
TC(min): 48.00	43.00	29.00	10.00	40.00
Time Shift(hrs): 0.00	0.00	0.00	0.00	0.00
Area(ac): 3.817	4.388	1.997	0.776	17.298
Vol of Unit Hyd(in): 1.000	1.000	1.000	1.000	1.000
Curve Num: 62.100	60.700	60.600	82.400	59.700
DCIA(%): 0.000	0.000	0.000	0.000	0.000
Time Max(hrs): 4.37	4.30	4.12	4.00	4.27
Flow Max(cfs): 4.366	5.058	2.729	2.178	19.913
Runoff Volume(in): 3.186	3.026	3.026	5.435	2.933
Runoff Volume(ft3): 44140.791	48206.893	21935.330	15308.665	184171.707

Name: Area310	Area311
Group: BASE	BASE
Simulation: 100yr-8hr	100yr-8hr
Node: Node310	POST-WET-D
Type: SCS	SCS
Unit Hydrograph: Uh323	Uh323
Peaking Factor: 323.0	323.0
Spec Time Inc(min): 1.87	5.33
Comp Time Inc(min): 1.87	5.33
Rain File: Fdot-8	Fdot-8
Rain Amount(in): 7.500	7.500
Duration(hrs): 8.00	8.00
Status: Onsite	Onsite
TC(min): 14.00	40.00
Time Shift(hrs): 0.00	0.00
Area(ac): 1.331	7.158
Vol of Unit Hyd(in): 1.000	1.000
Curve Num: 84.400	65.900
DCIA(%): 0.000	0.000
Time Max(hrs): 4.01	4.27
Flow Max(cfs): 3.769	10.218
Runoff Volume(in): 5.664	3.592
Runoff Volume(ft3): 27365.480	93345.594

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Project Data

Project Name: GREC - Craft Parking
Simulation Description: Dry Retention Basin
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 171.75
Water Table Elevation, [WT] (ft datum): 178.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 8.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 6.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 33812.0

Geometry Data

Equivalent Pond Length, [L] (ft): 520.0
Equivalent Pond Width, [W] (ft): 65.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
180.50	30080.0
181.00	31946.0
182.00	35678.0
182.50	37544.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.95
Weir coefficient:	2.861
Weir length, (ft):	2.5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	28.000
14.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.647
Time Of Concentration (minutes) 38.0
DCIA (%) 0.0
Curve Number 77.5
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 178.75

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
8.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 33739

Initial ground water level (ft datum) default, 178.75

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

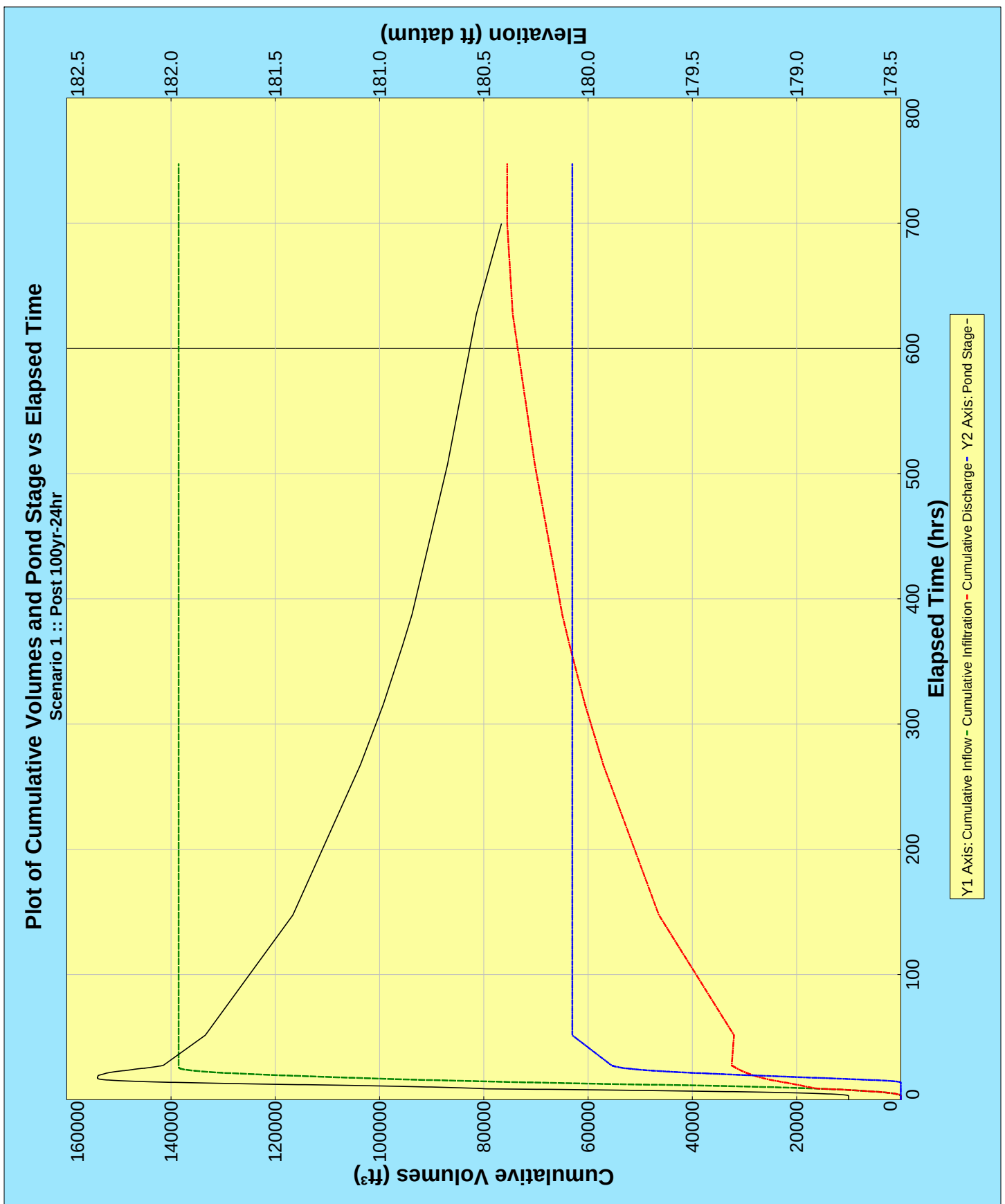
Scenarios Considered: 1 to 9

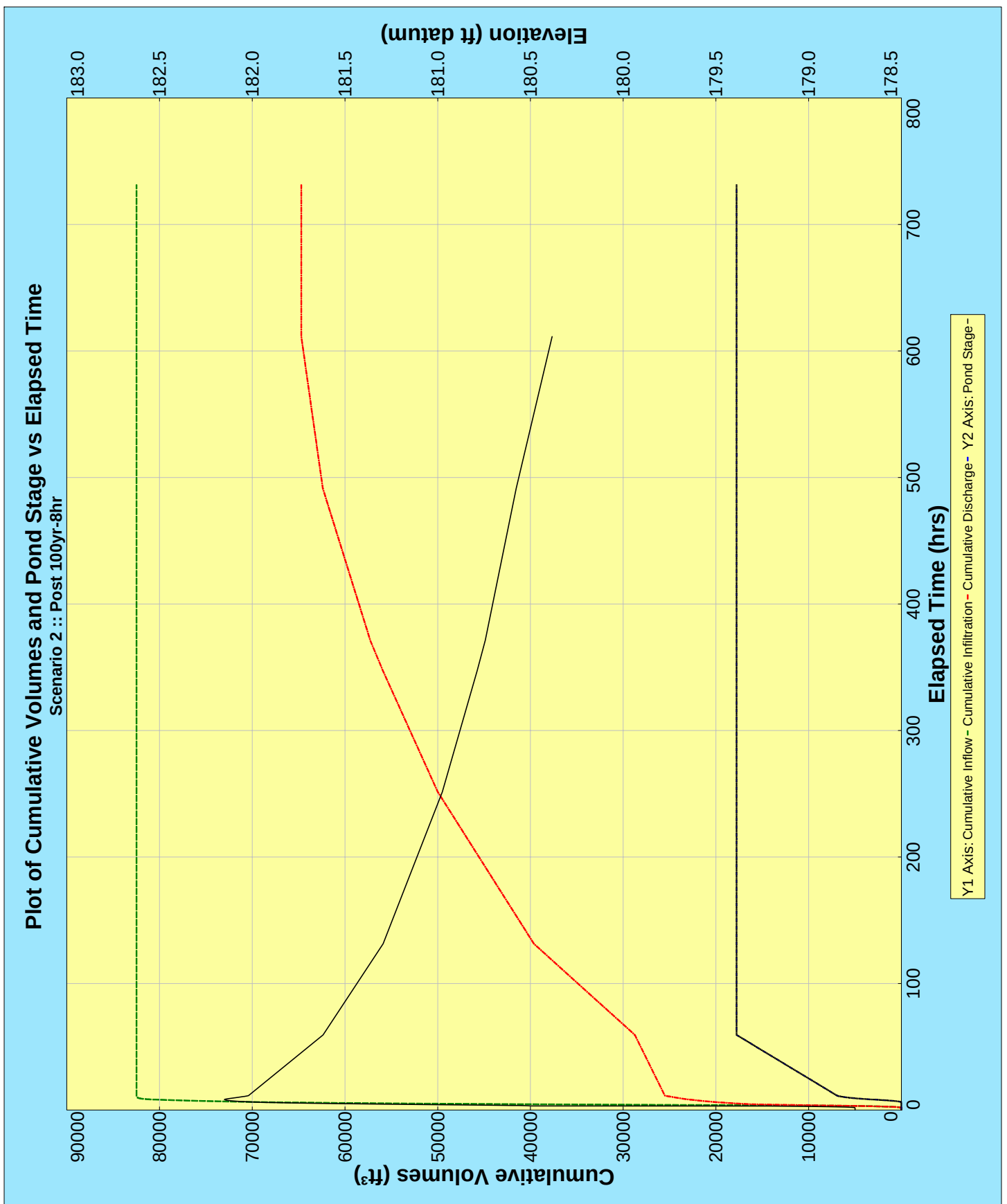
Stage - Maximum

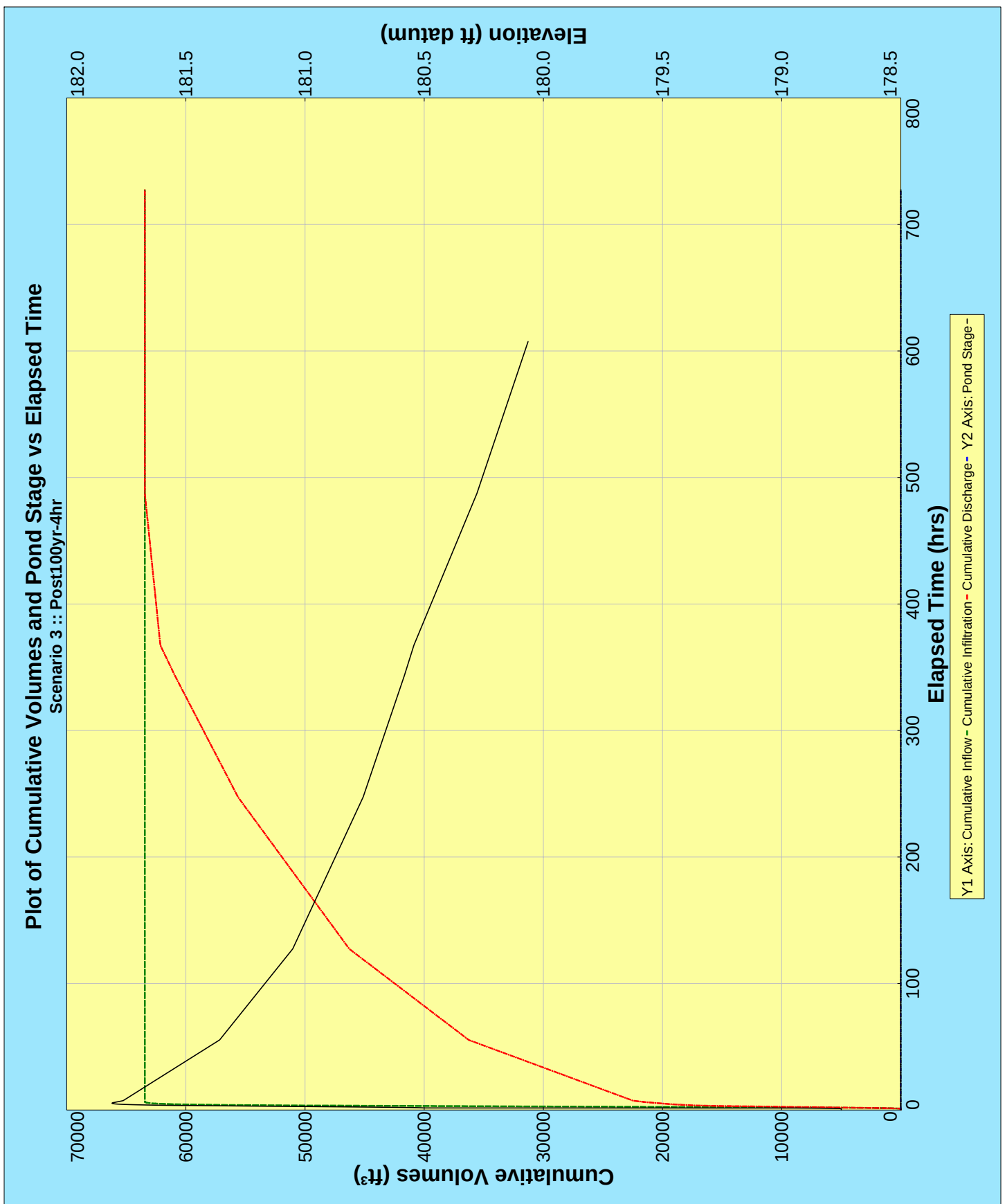
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	8	182.473	184.089	Post 100yr-10d
2	6	182.471	60.378	Post 100yr-3d
3	7	182.392	160.107	Post 100yr-7d
4	1	182.353	17.396	Post 100yr-24hr
5	2	182.150	8.276	Post 100yr-8hr
6	3	181.810	5.404	Post100yr-4hr
7	9	181.553	0.002	Treatment volume
8	4	181.322	3.716	Post100yr-2hr
9	5	181.101	1.942	Post 100yr-1hr

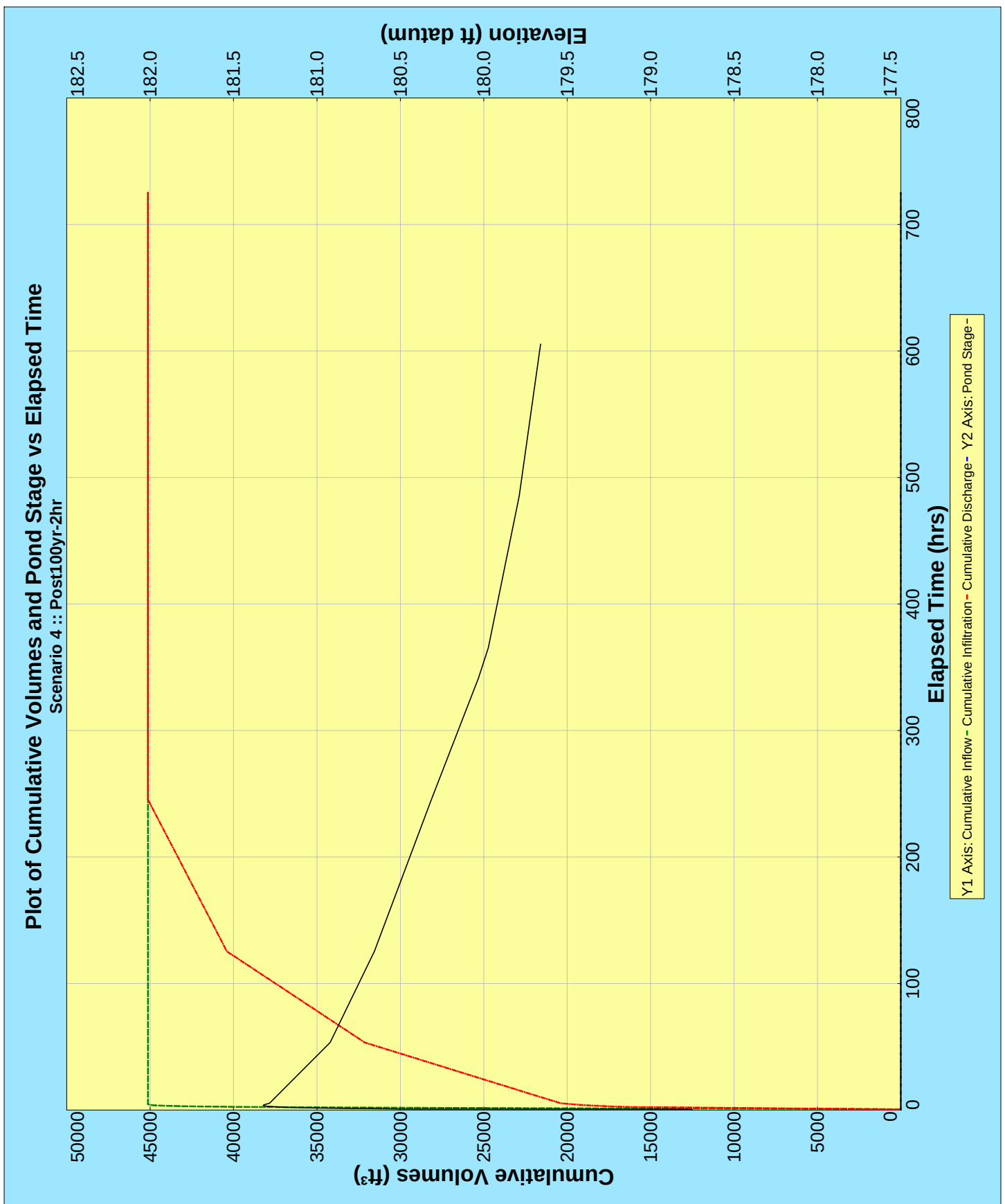
Discharge - Rate - Maximum Positive

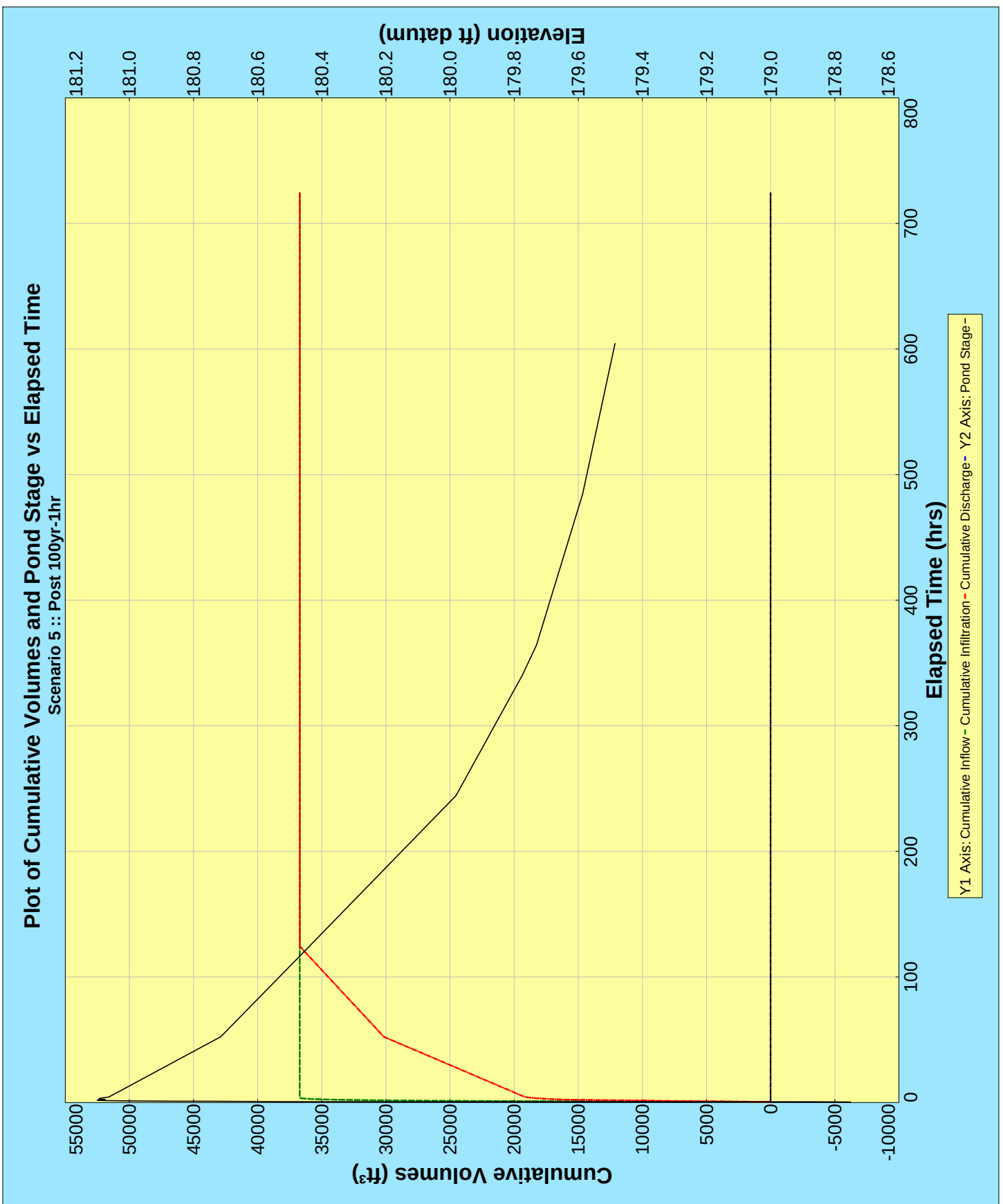
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	8	2.6832	184.089	Post 100yr-10d
2	6	2.5932	60.378	Post 100yr-3d
3	7	2.0285	160.107	Post 100yr-7d
4	1	1.7604	17.396	Post 100yr-24hr
5	2	0.6141	8.276	Post 100yr-8hr
6	3	None	N.A.	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

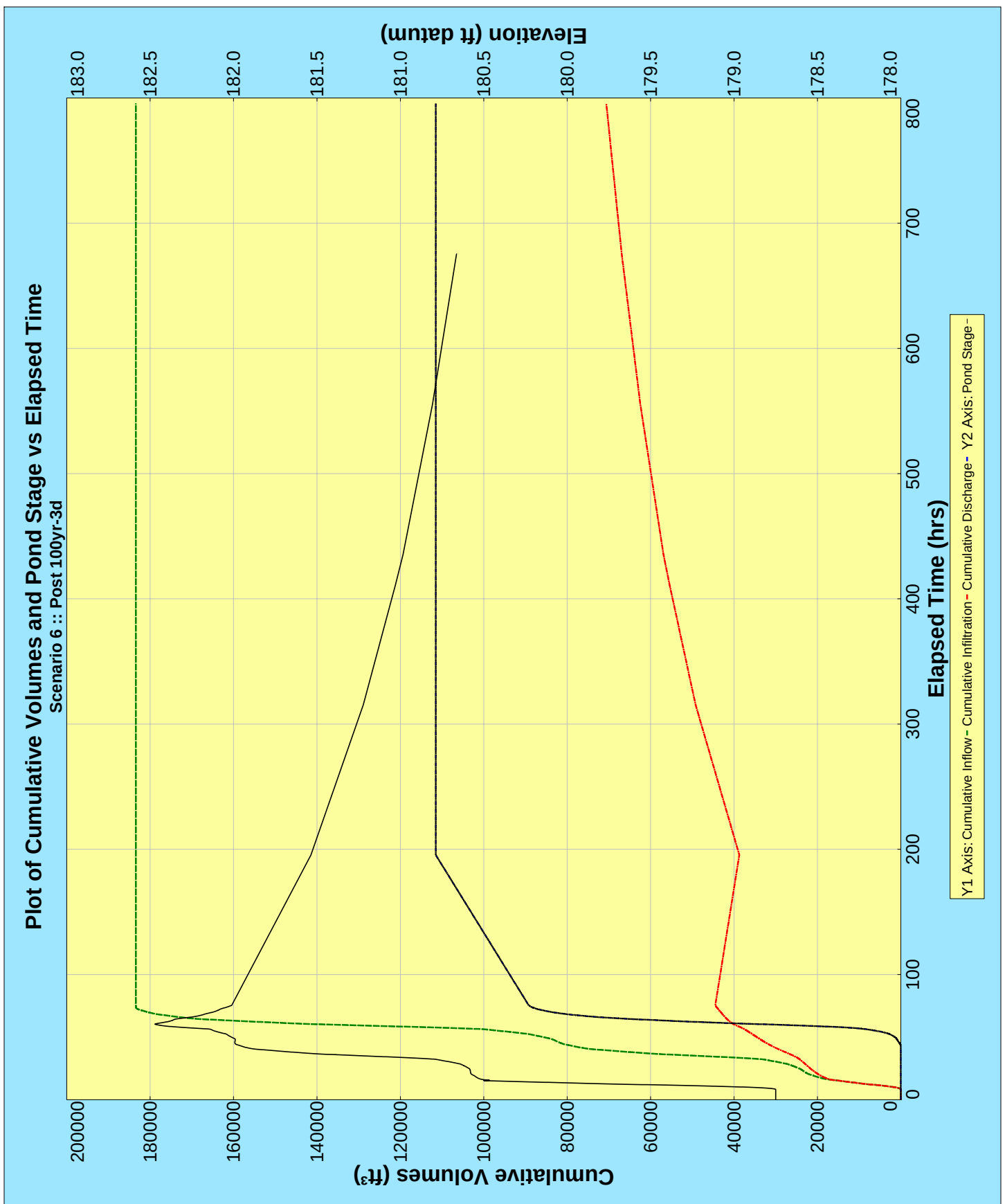


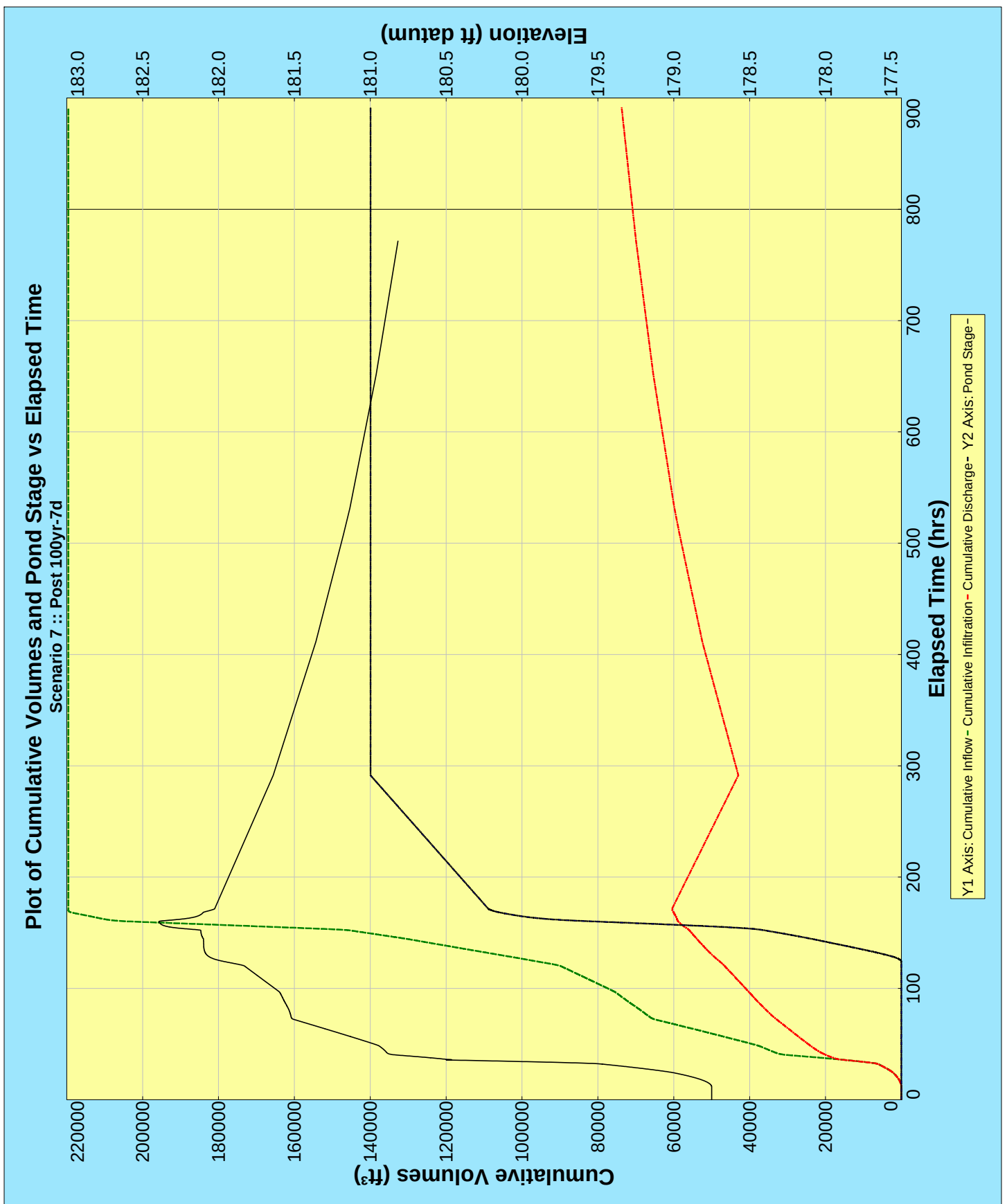


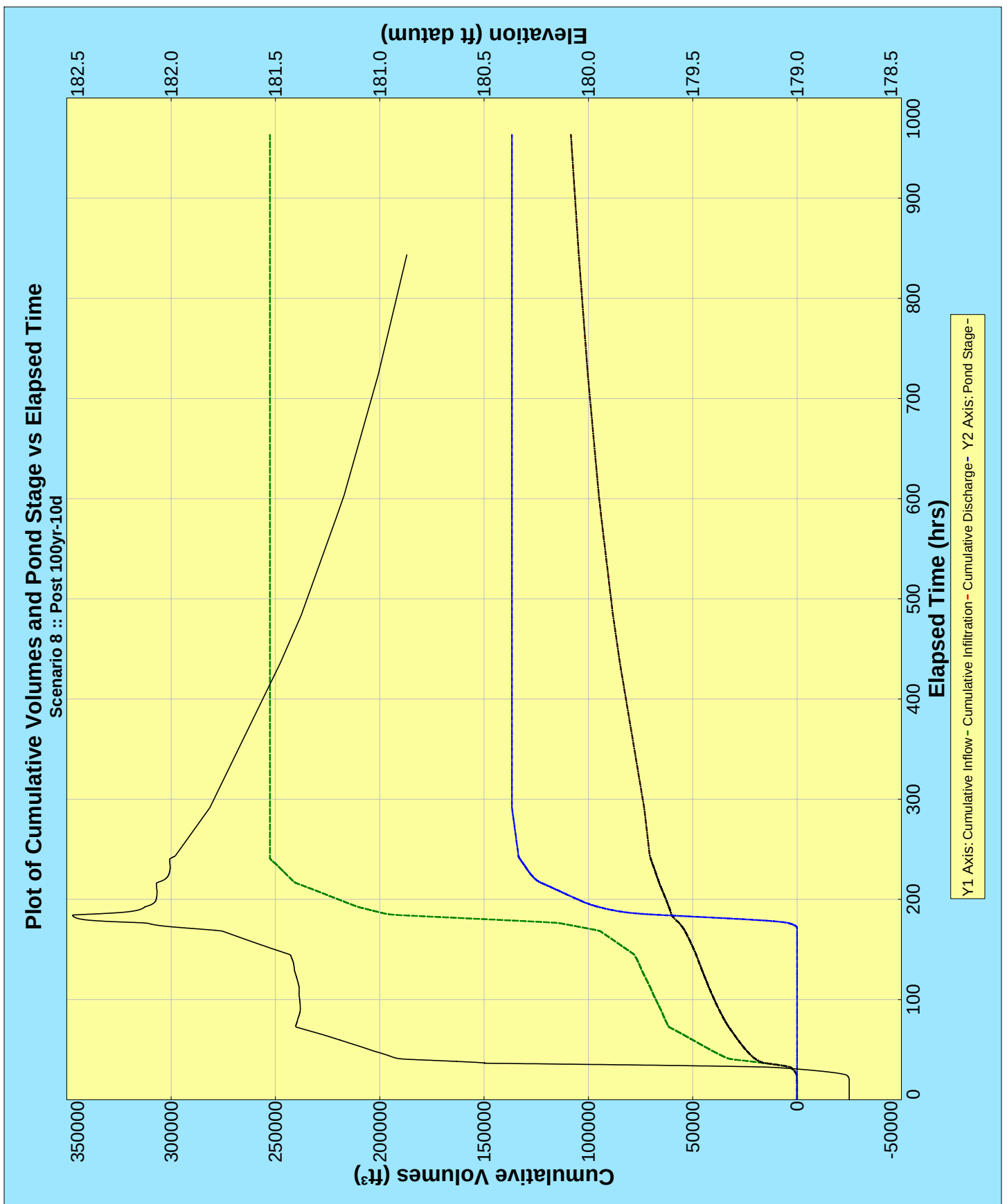


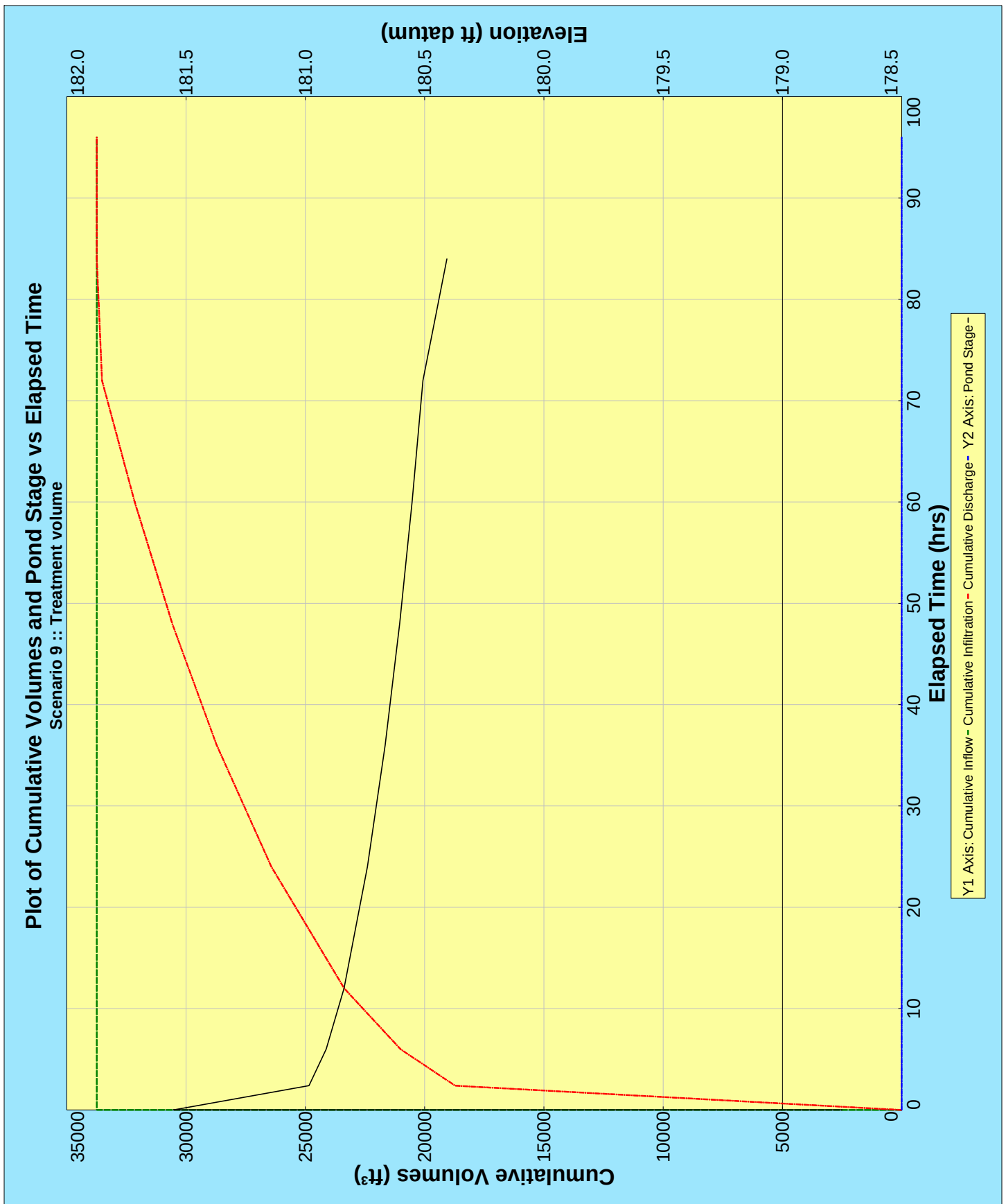












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Project Data

Project Name: GREC - Area301
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 170.25
Water Table Elevation, [WT] (ft datum): 177.75
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 6144.0

Geometry Data

Equivalent Pond Length, [L] (ft): 384.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
178.46	768.0
179.00	3671.0
180.00	9047.0
180.46	11520.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.46
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 3.817
Time Of Concentration (minutes) 48.0
DCIA (%) 0.0
Curve Number 62.1
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 177.75

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 12742

Initial ground water level (ft datum) default, 177.75

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

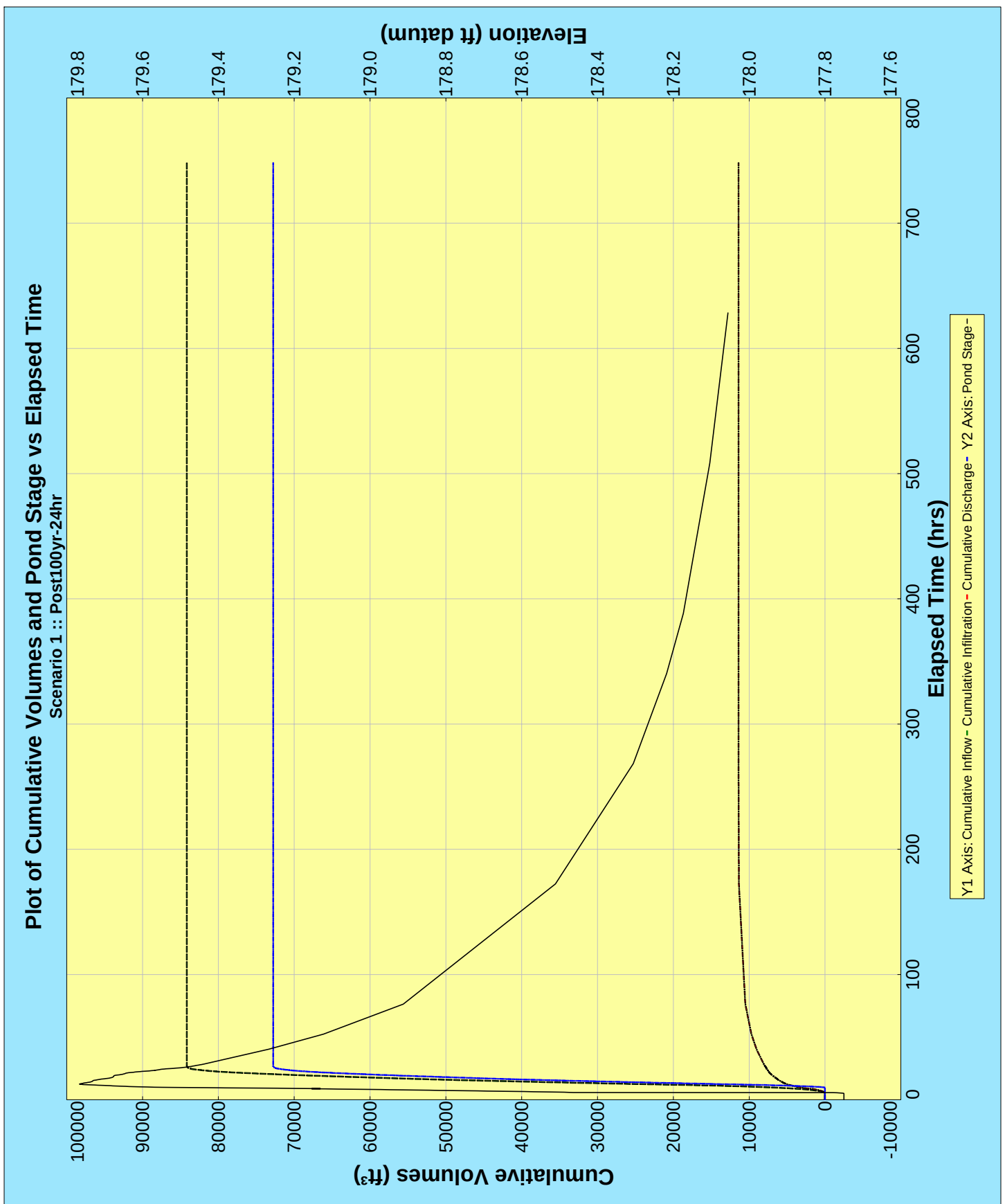
Scenarios Considered: 1 to 9

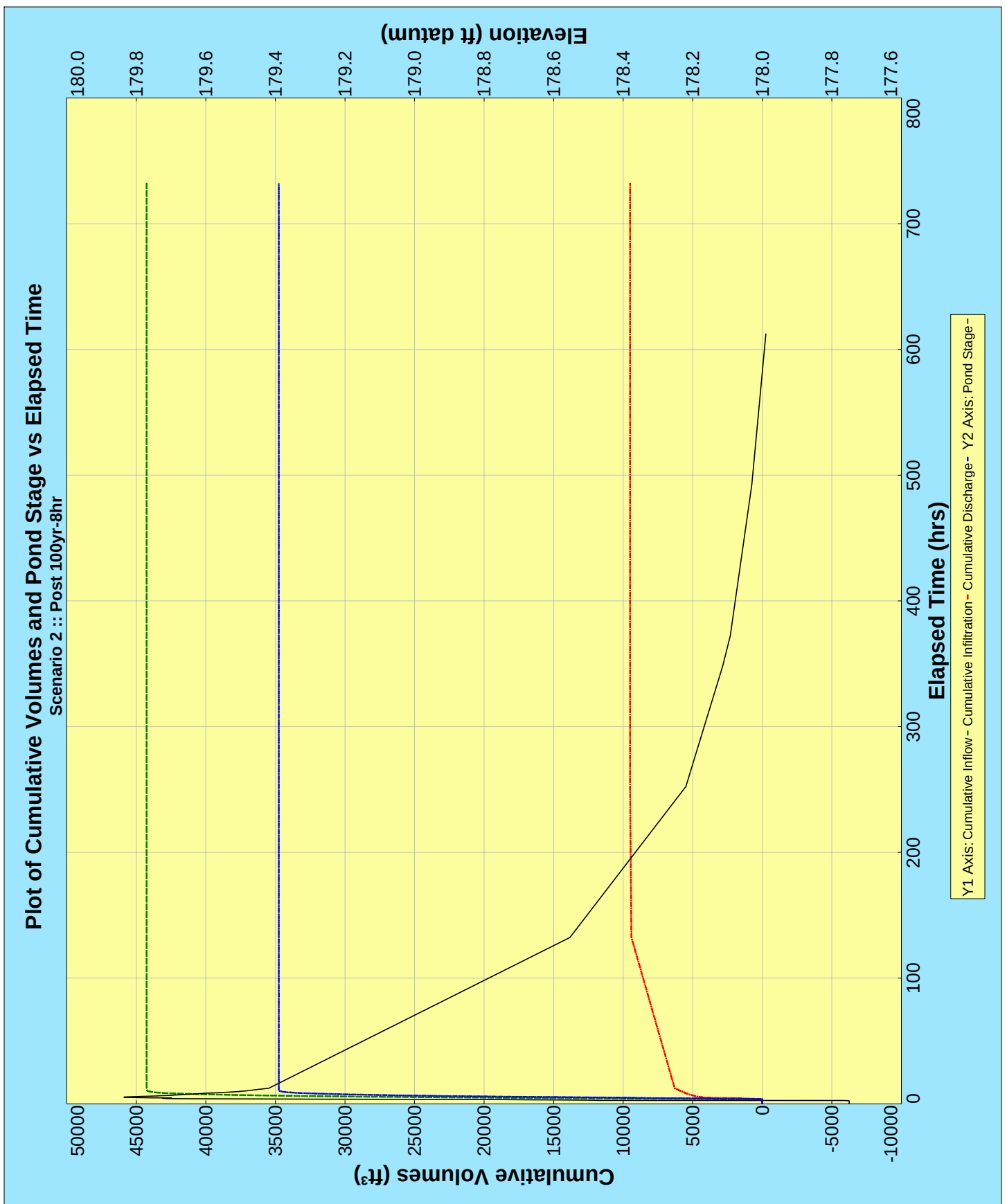
Stage - Maximum

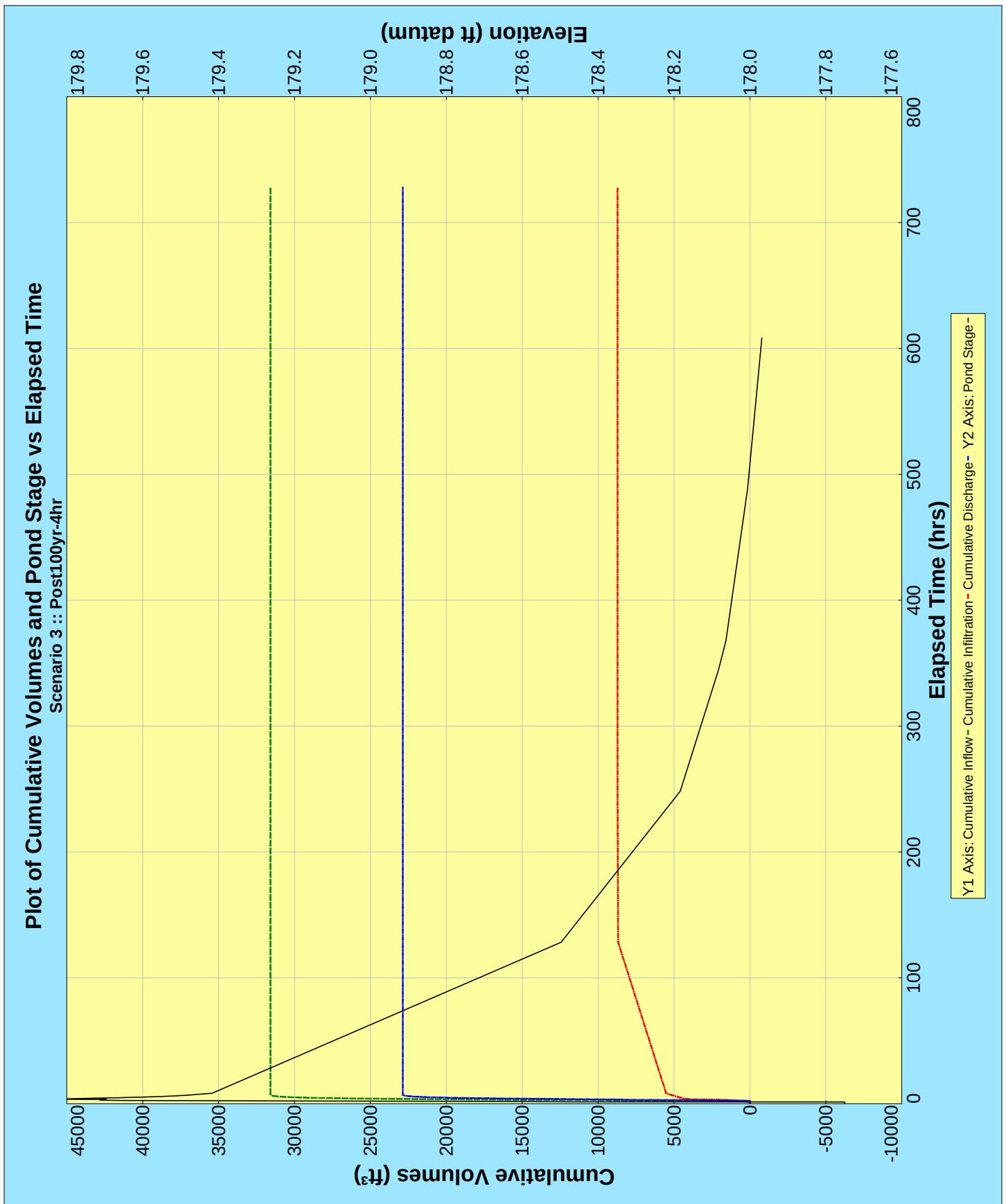
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	9	180.496	0.002	Treatment volume
2	2	179.836	5.333	Post 100yr-8hr
3	3	179.799	3.733	Post100yr-4hr
4	1	179.766	12.480	Post100yr-24hr
5	6	179.759	60.053	Post 100yr-3d
6	8	179.752	184.000	Post 100yr-10d
7	7	179.704	160.000	Post 100yr-7d
8	4	179.661	1.707	Post100yr-2hr
9	5	179.659	1.387	Post 100yr-1hr

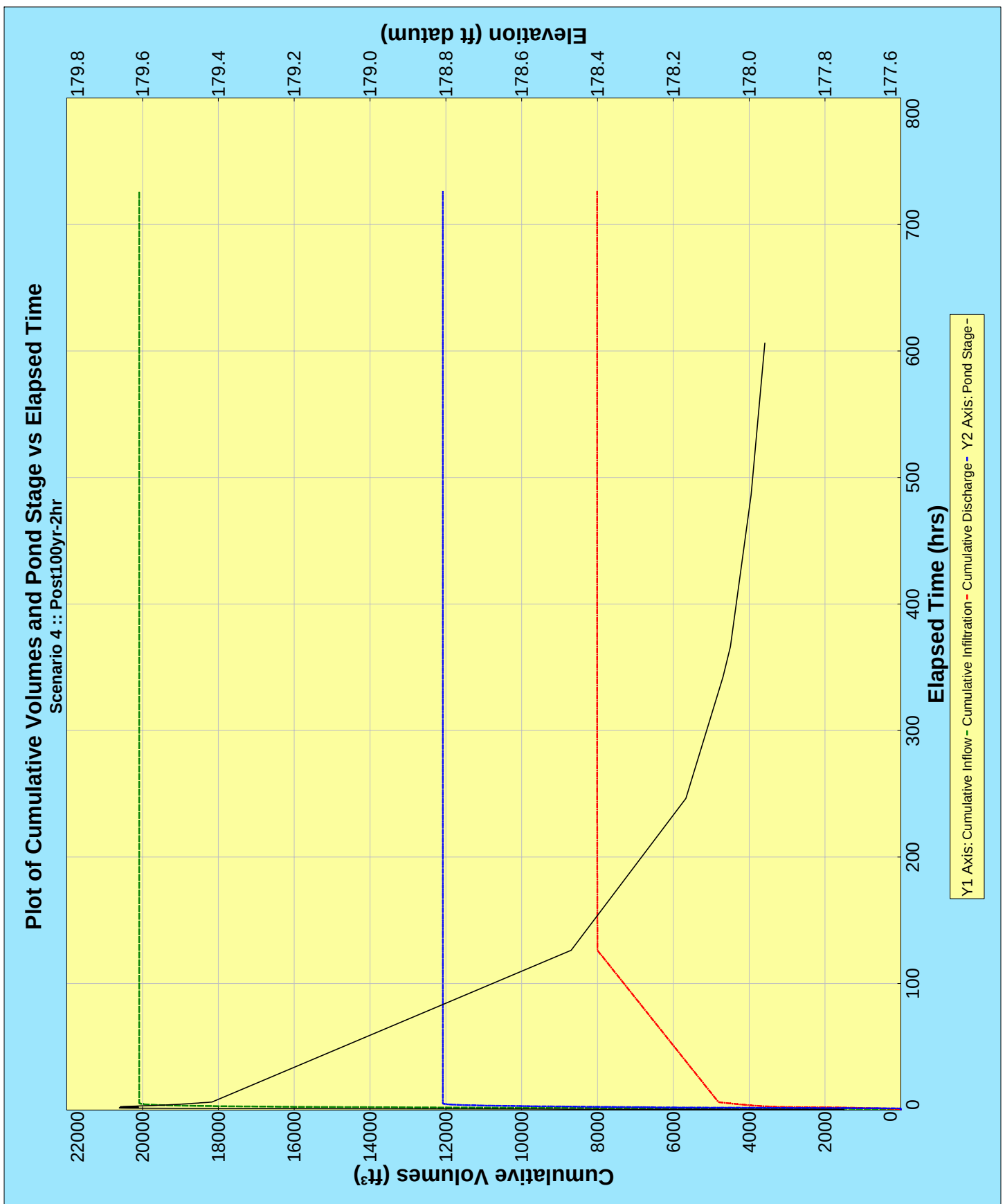
Discharge - Rate - Maximum Positive

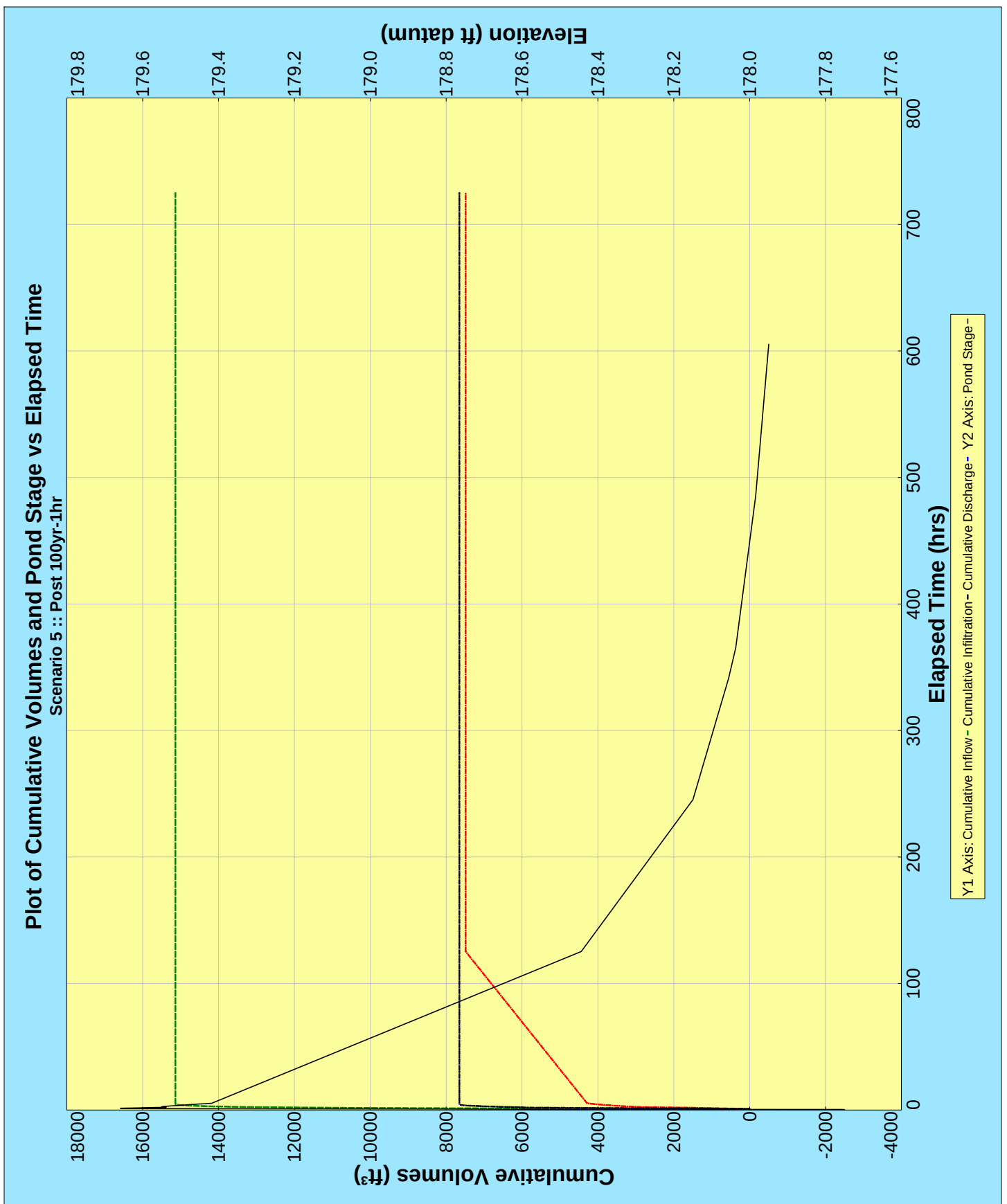
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	9	15.0727	0.002	Treatment volume
2	2	3.0628	5.333	Post 100yr-8hr
3	3	2.6335	3.733	Post100yr-4hr
4	1	2.2624	12.480	Post100yr-24hr
5	6	2.1778	60.053	Post 100yr-3d
6	8	2.1074	184.000	Post 100yr-10d
7	7	1.6117	160.000	Post 100yr-7d
8	4	1.2904	1.707	Post100yr-2hr
9	5	1.2676	1.387	Post 100yr-1hr

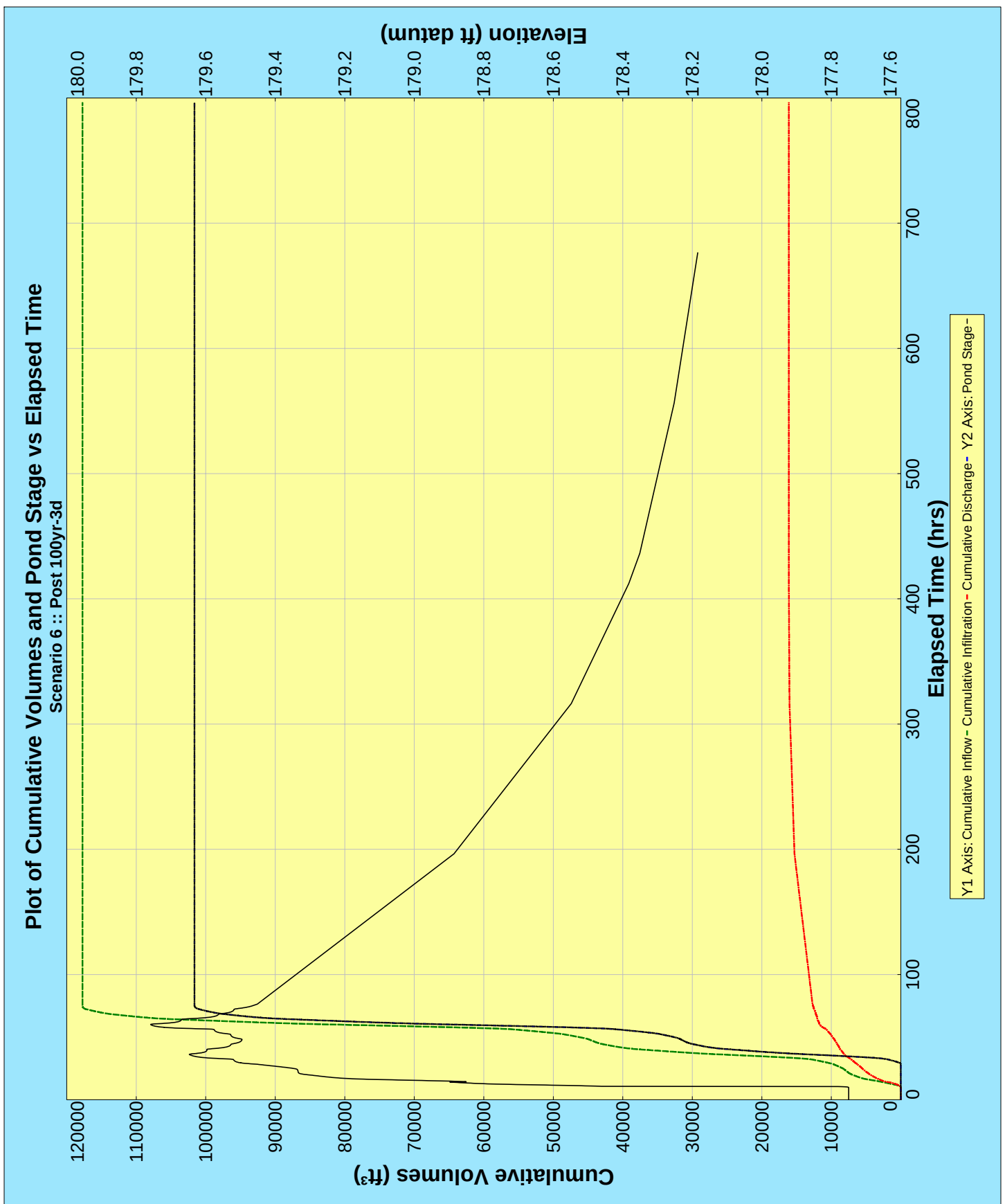


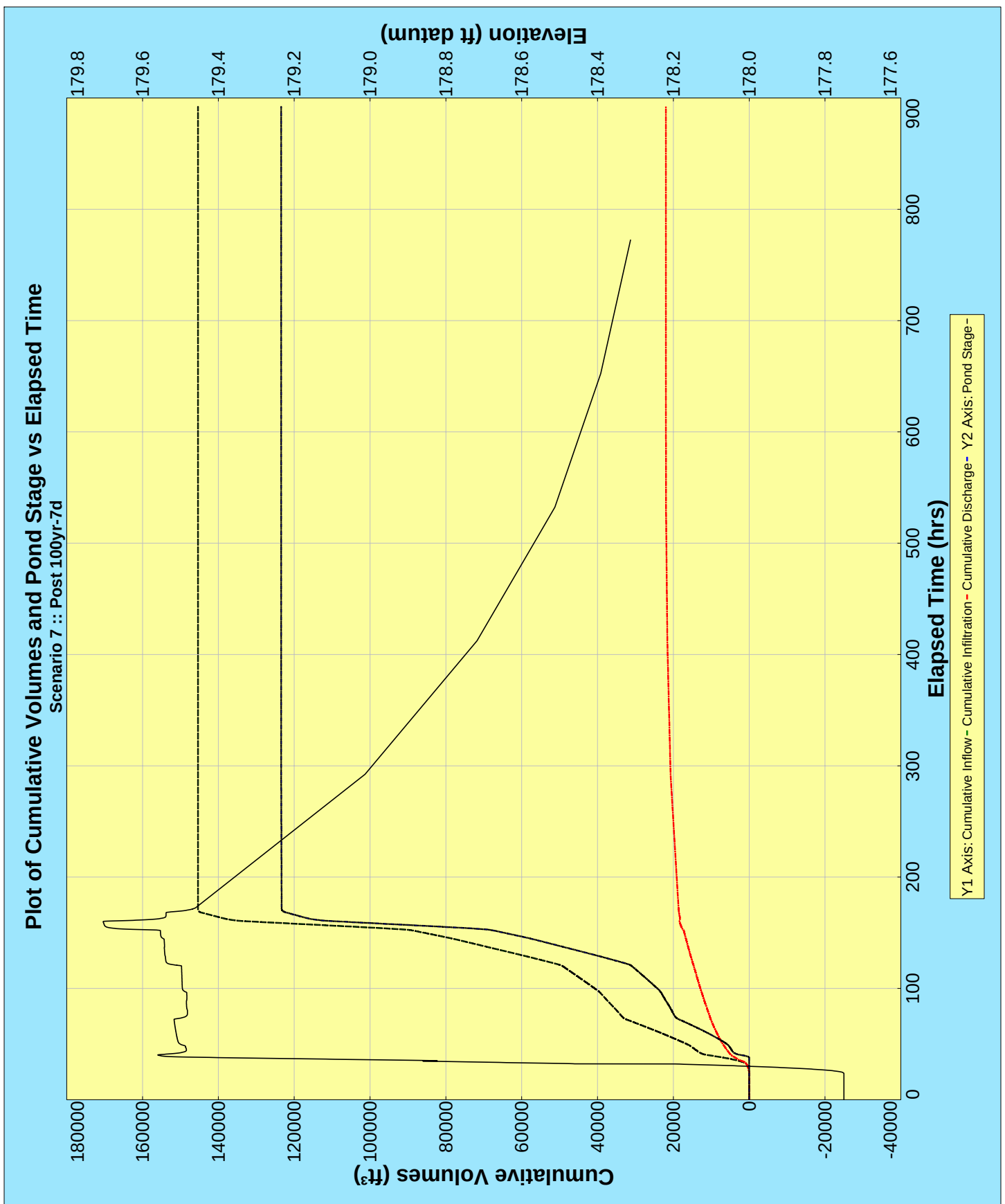


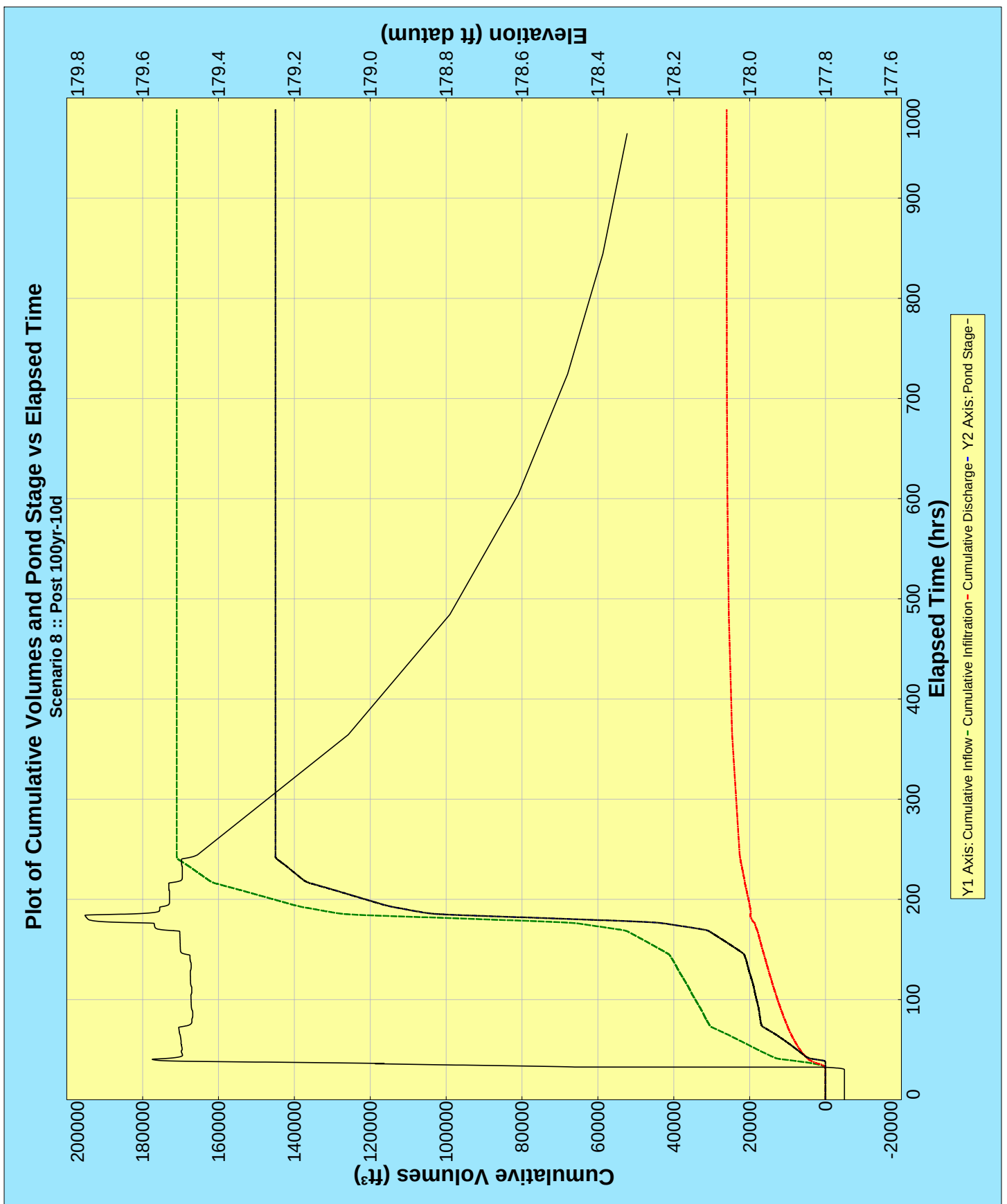


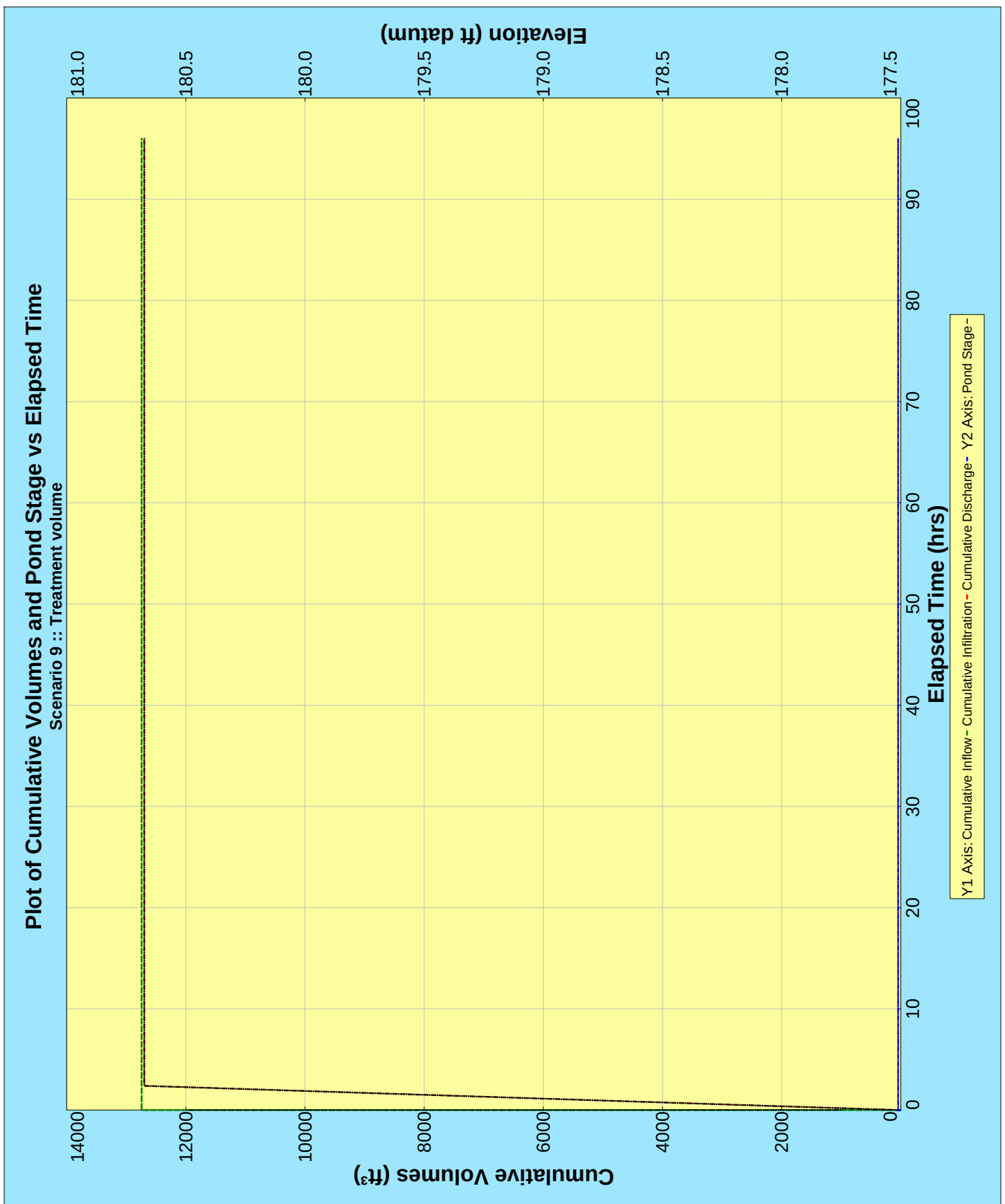












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Project Data

Project Name: GREC - Area302
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 170.00
Water Table Elevation, [WT] (ft datum): 177.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 5920.0

Geometry Data

Equivalent Pond Length, [L] (ft): 370.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
178.62	740.0
179.00	2708.0
180.00	7888.0
180.62	11100.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.62
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
3.000	20.000
6.000	25.000
10.000	30.000
12.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1
Basin Area (acres)	4.388
Time Of Concentration (minutes)	43.0
DCIA (%)	0.0
Curve Number	60.7
Design Rainfall Depth (inches)	4.4
Design Rainfall Duration (hours)	1.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 1 Hour
Initial ground water level (ft datum)	default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1
Basin Area (acres)	4.388
Time Of Concentration (minutes)	43.0
DCIA (%)	0.0
Curve Number	60.7
Design Rainfall Depth (inches)	13.8
Design Rainfall Duration (hours)	72.0
Shape Factor	UHG 323
Rainfall Distribution	FDOT 72 Hour
Initial ground water level (ft datum)	default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 4.388
Time Of Concentration (minutes) 43.0
DCIA (%) 0.0
Curve Number 60.7
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 177.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 14058

Initial ground water level (ft datum) default, 177.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

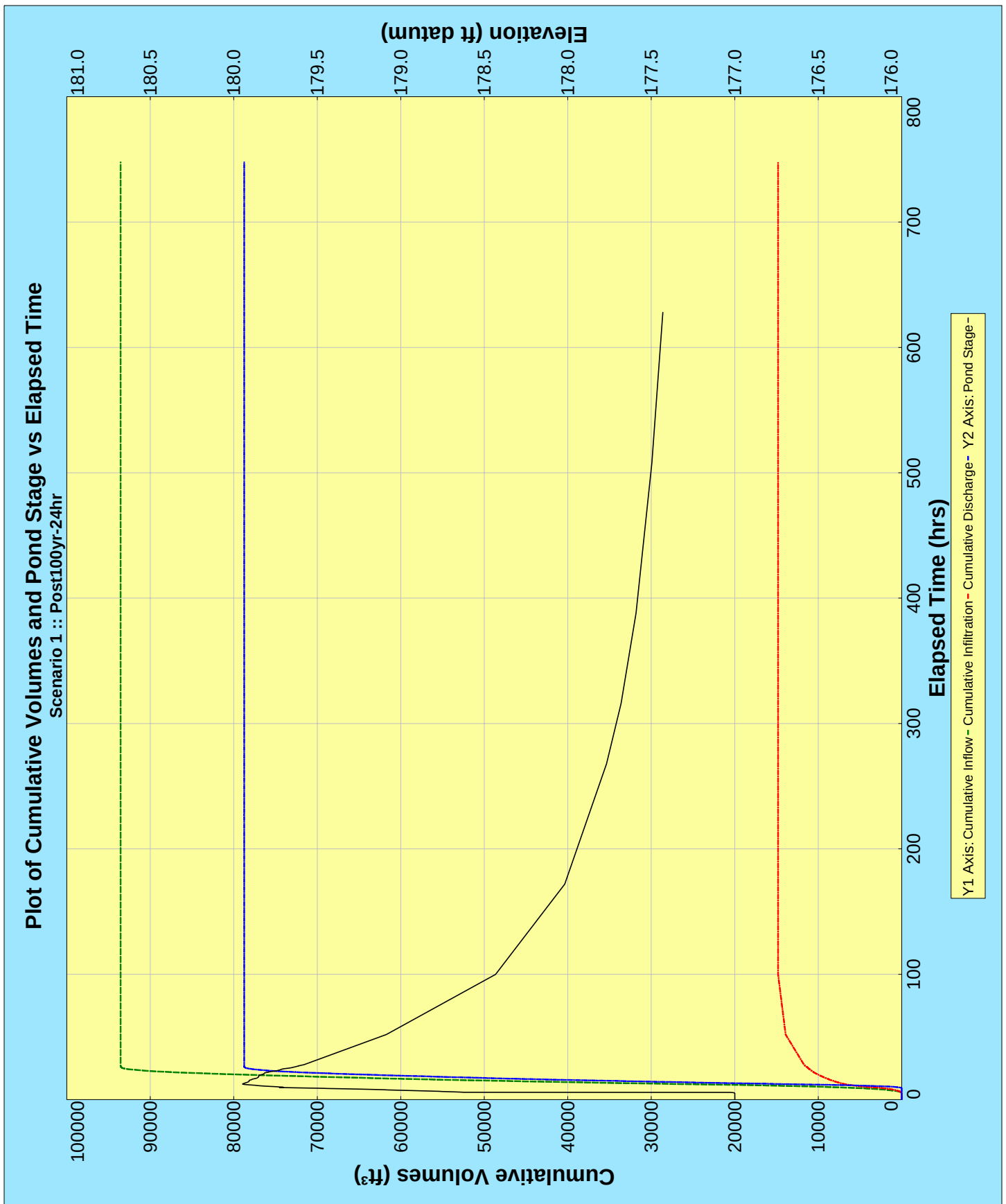
Scenarios Considered: 1 to 9

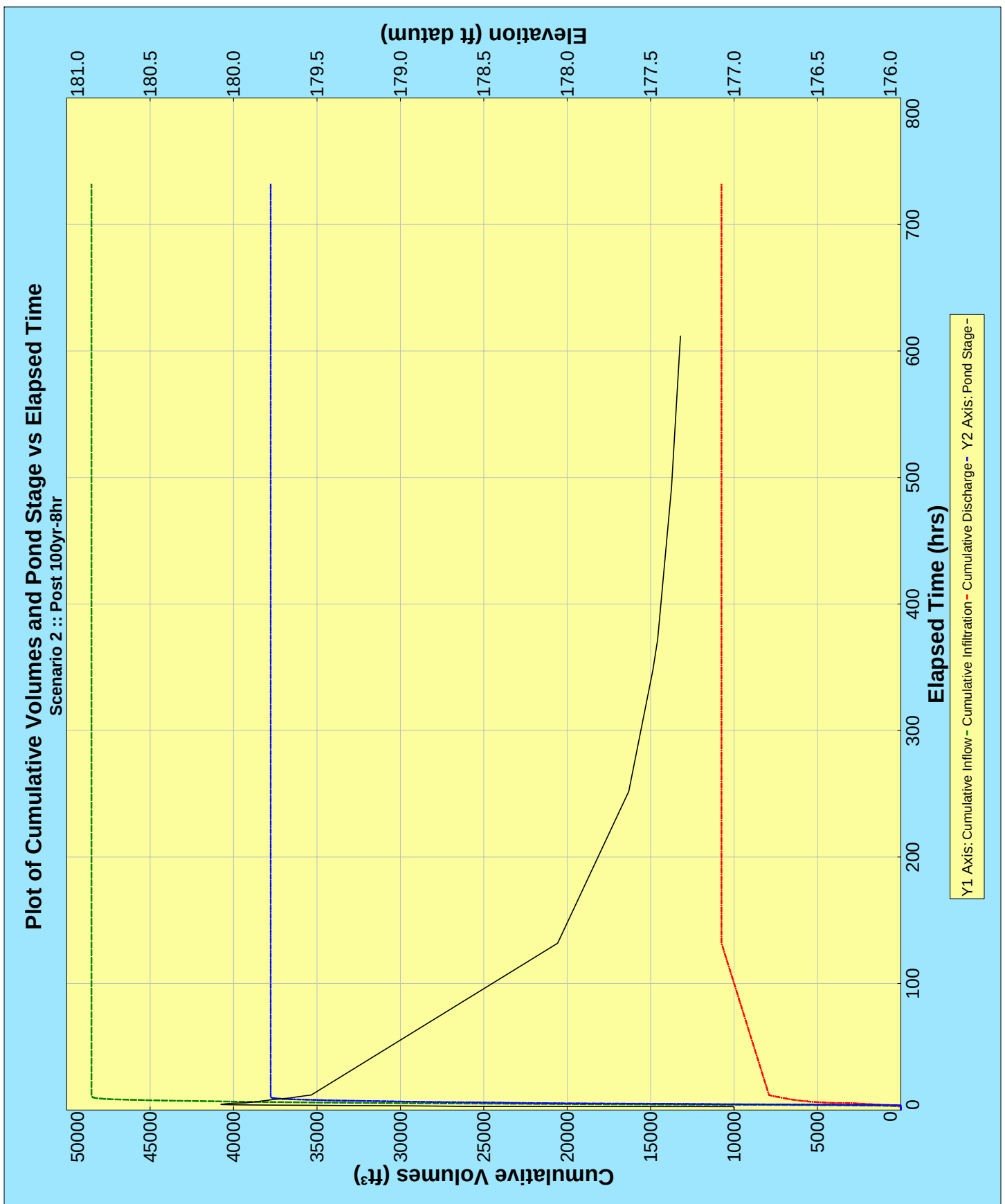
Stage - Maximum

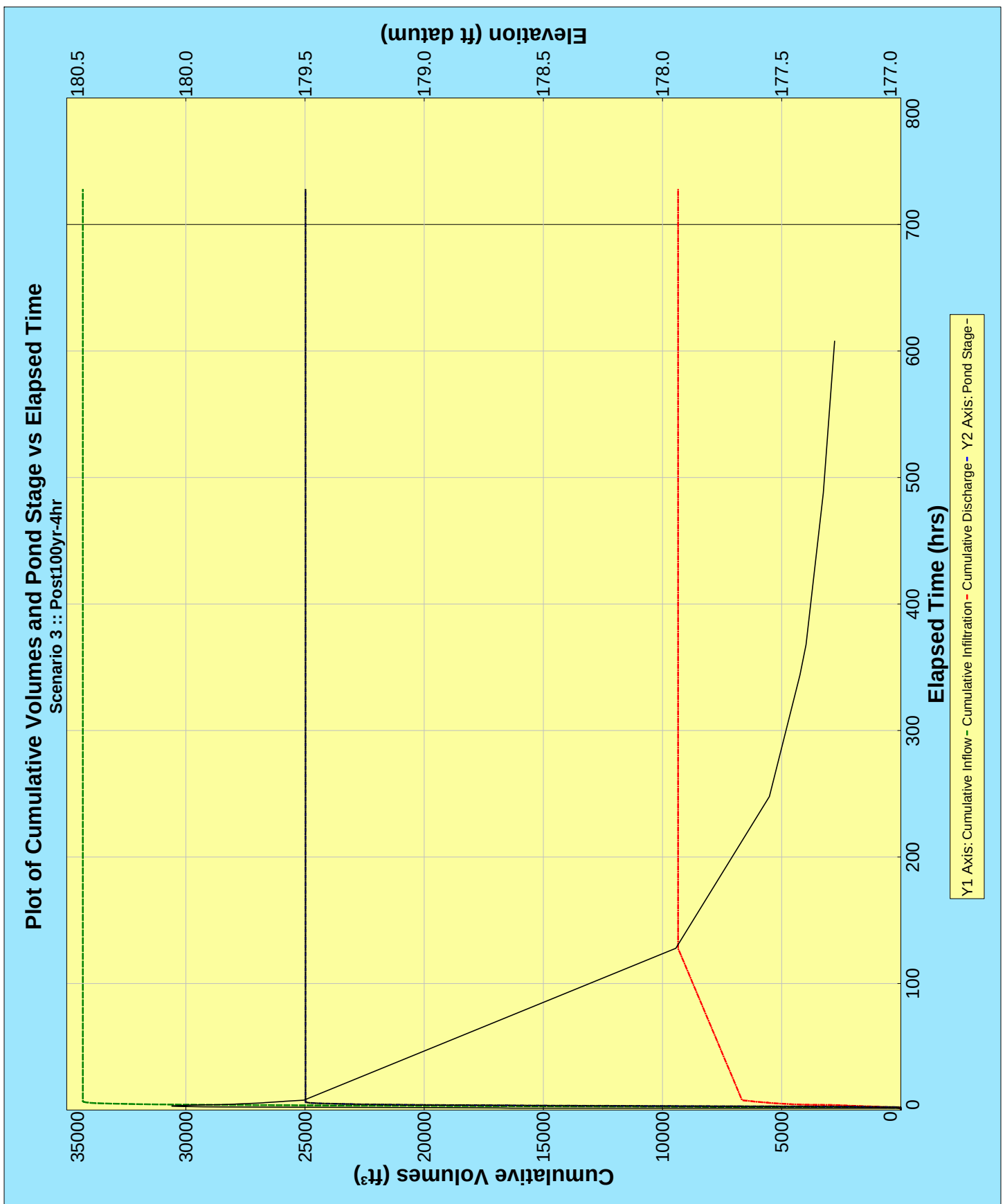
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	9	180.815	0.002	Treatment volume
2	2	180.076	4.491	Post 100yr-8hr
3	3	180.059	3.153	Post100yr-4hr
4	4	179.958	1.720	Post100yr-2hr
5	5	179.949	1.338	Post 100yr-1hr
6	1	179.947	12.422	Post100yr-24hr
7	6	179.944	60.104	Post 100yr-3d
8	8	179.938	184.040	Post 100yr-10d
9	7	179.885	159.960	Post 100yr-7d

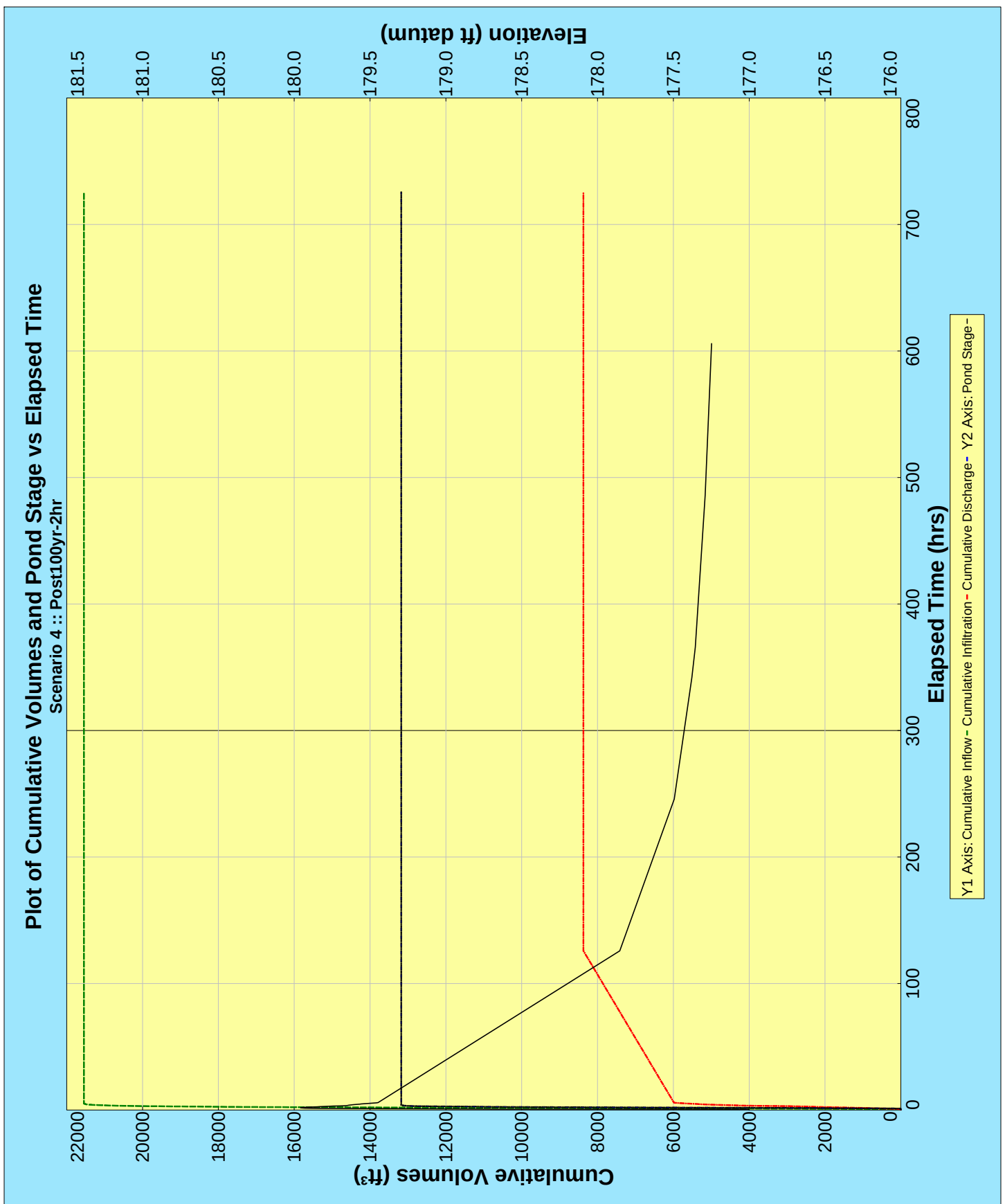
Discharge - Rate - Maximum Positive

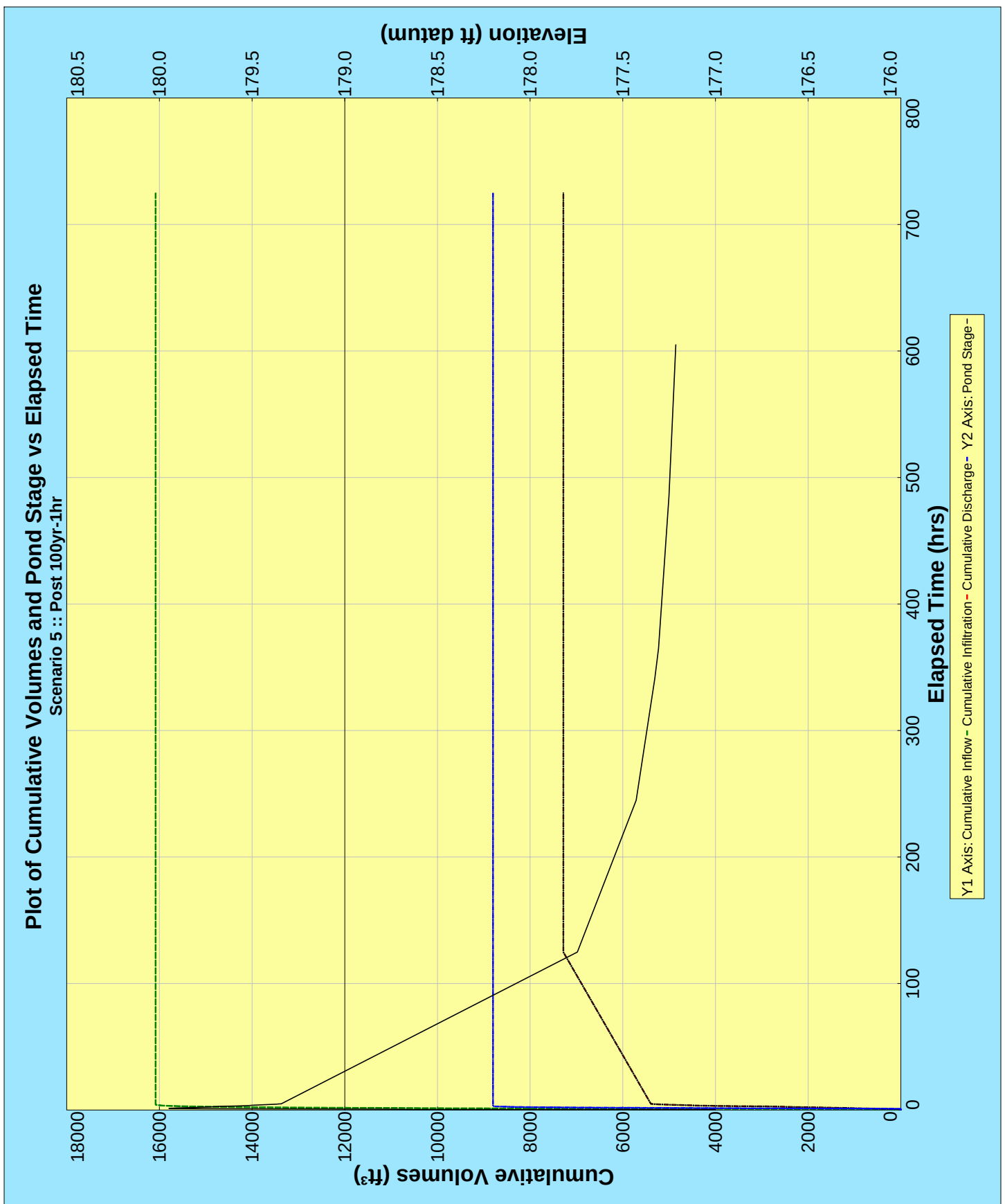
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	9	18.6823	0.002	Treatment volume
2	2	4.4072	4.491	Post 100yr-8hr
3	3	4.1588	3.153	Post100yr-4hr
4	4	2.8078	1.720	Post100yr-2hr
5	5	2.6939	1.338	Post 100yr-1hr
6	1	2.5005	12.422	Post100yr-24hr
7	6	2.4642	60.104	Post 100yr-3d
8	8	2.3930	184.040	Post 100yr-10d
9	7	1.8292	159.960	Post 100yr-7d

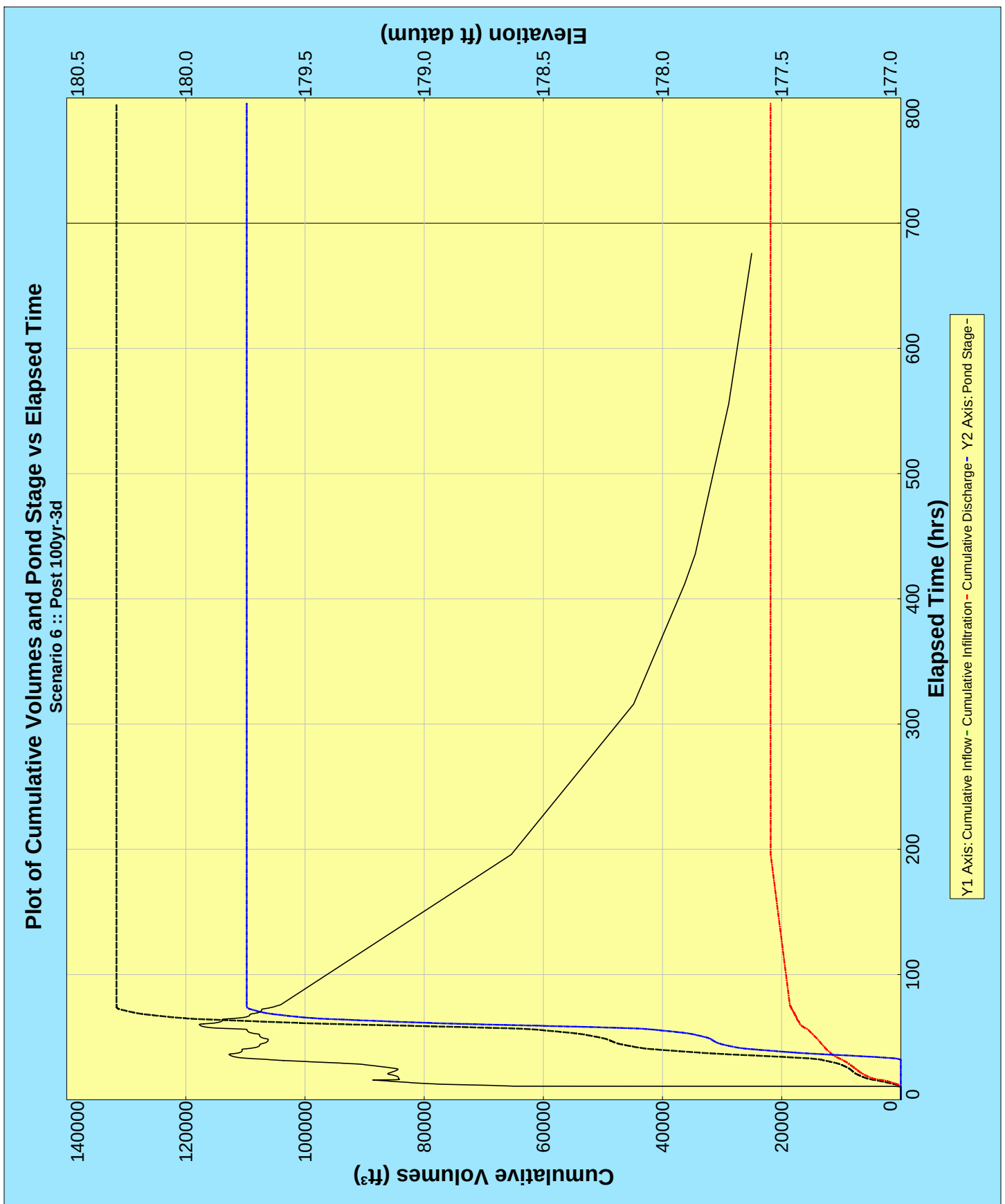


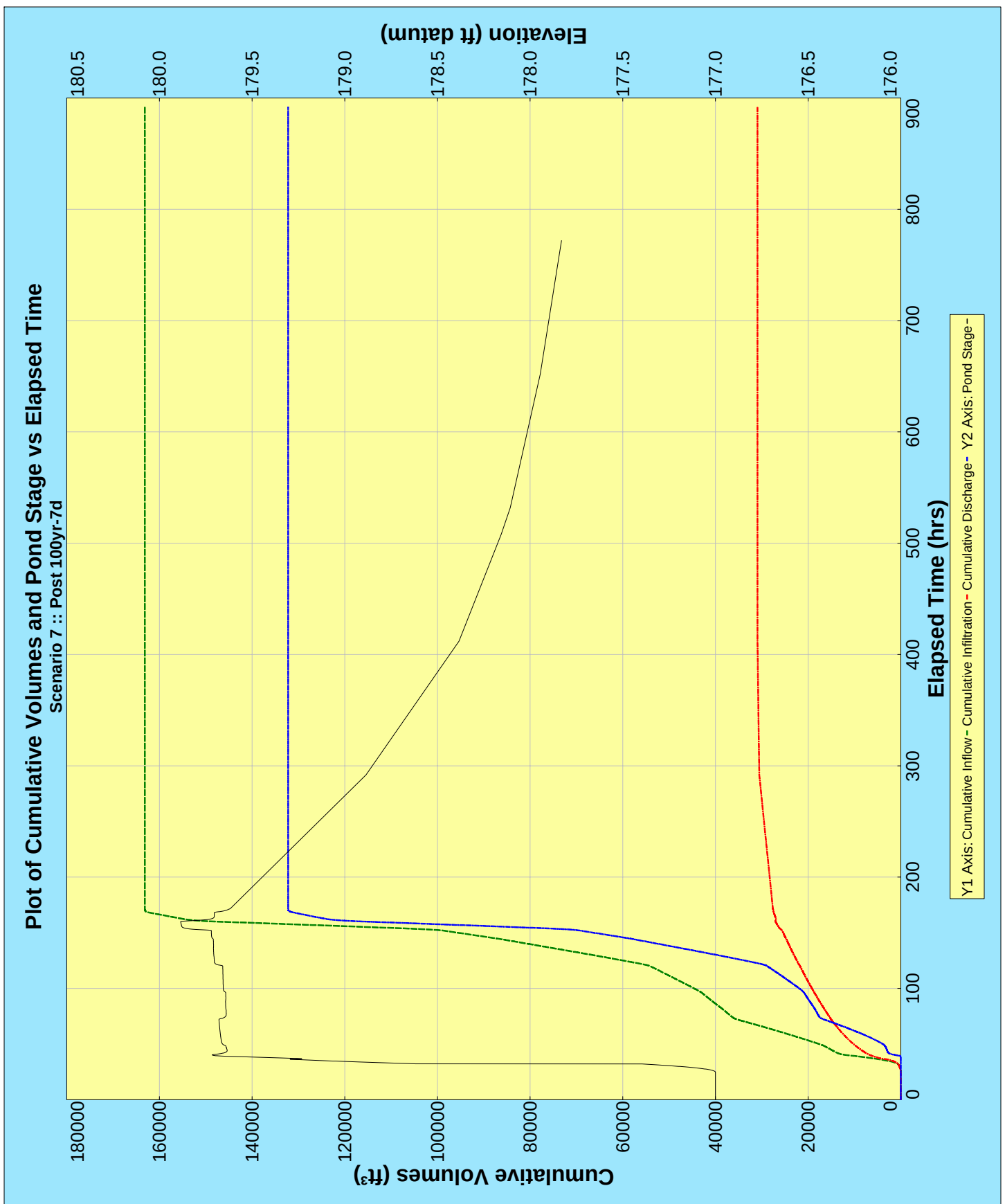


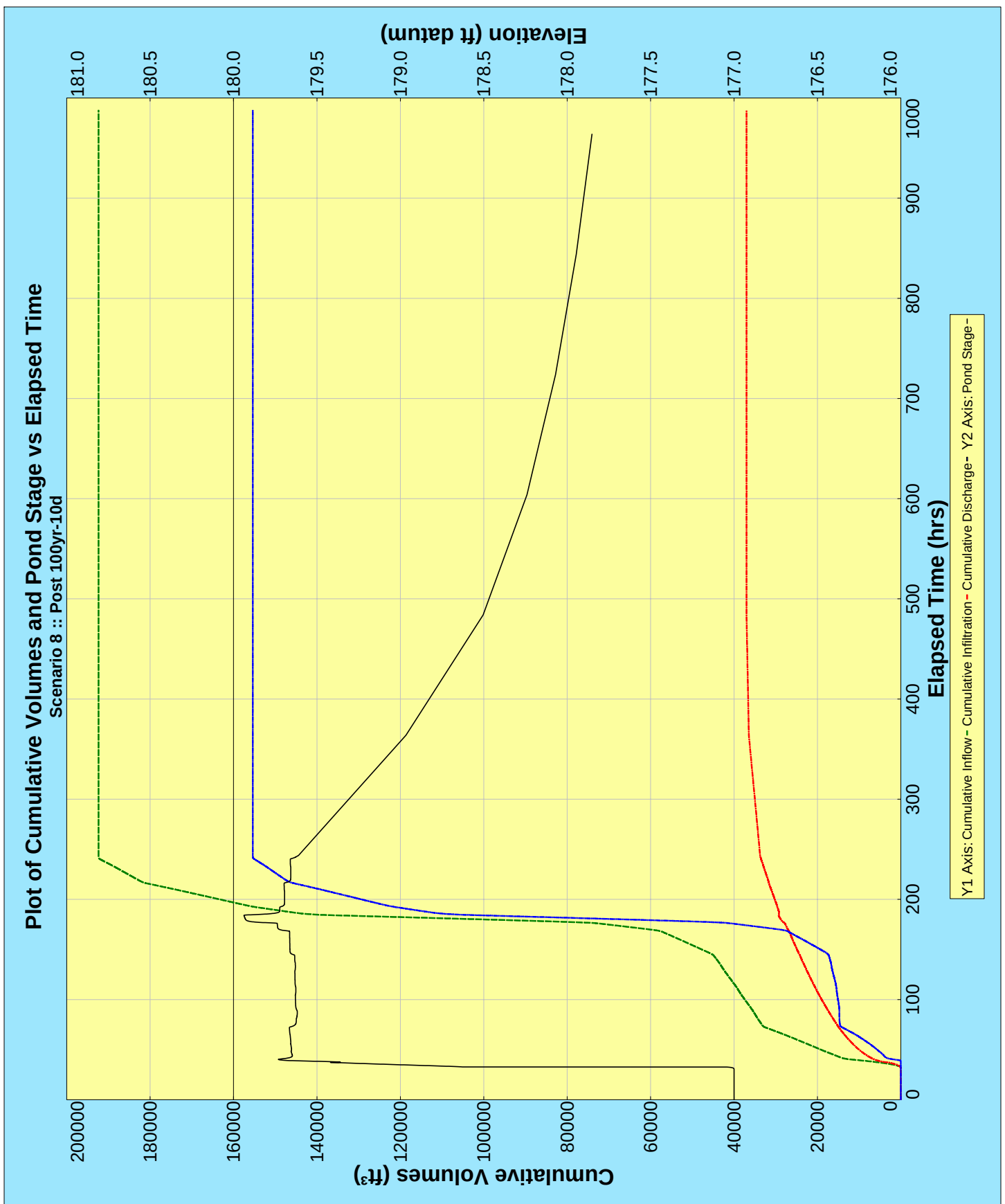


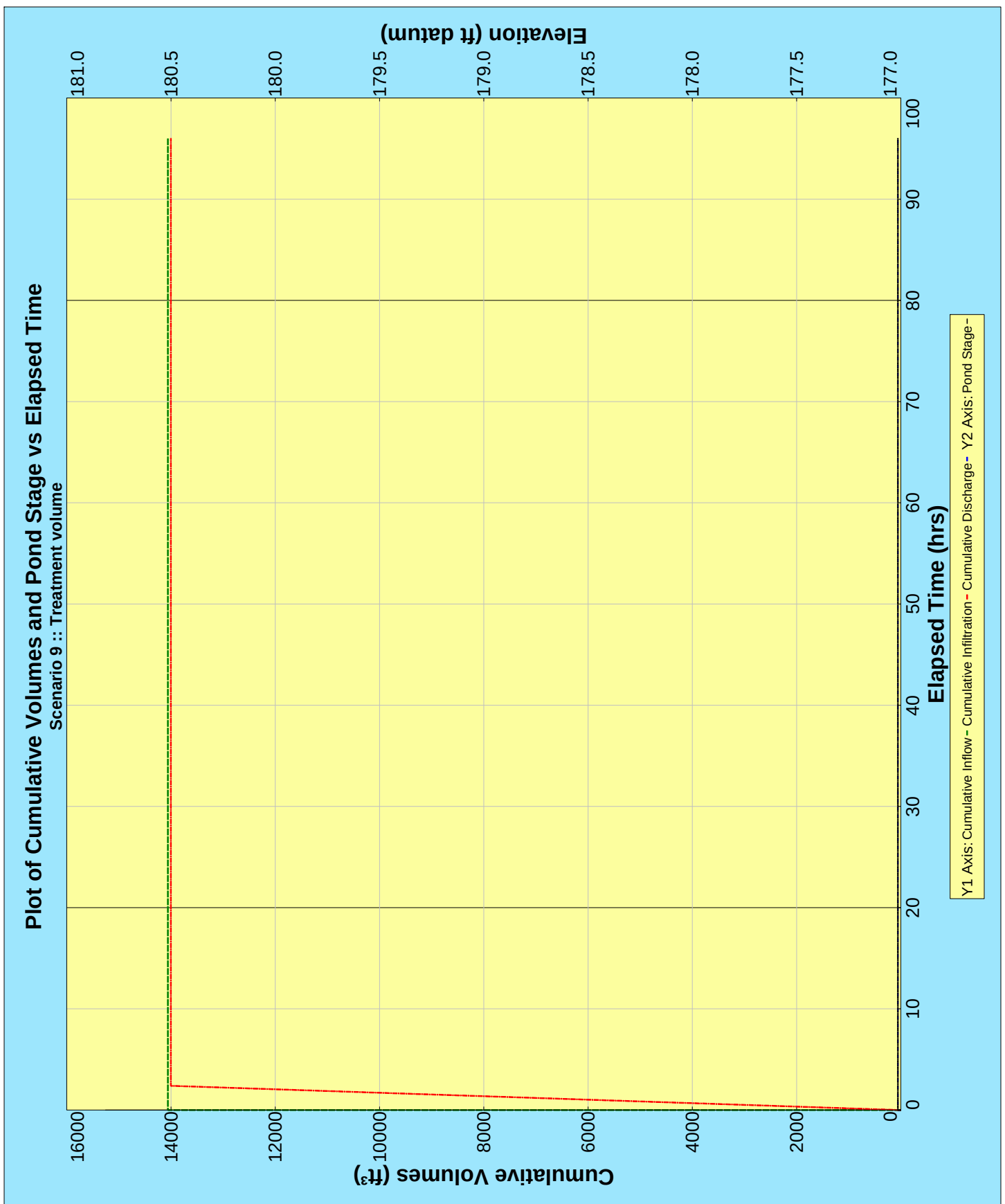












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Project Data

Project Name: GREC - Area308
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 171.00
Water Table Elevation, [WT] (ft datum): 178.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 7728.0

Geometry Data

Equivalent Pond Length, [L] (ft): 483.0
Equivalent Pond Width, [W] (ft): 16.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
178.36	966.0
179.00	5294.0
180.00	12056.0
180.36	14490.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	179.36
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
0.500	13.000
1.000	15.000
2.000	20.000
6.000	25.000
10.000	30.000

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 0.776
Time Of Concentration (minutes) 10.0
DCIA (%) 0.0
Curve Number 82.4
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 178.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	30.000
10.000	31.000
15.000	
20.000	
25.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 4059

Initial ground water level (ft datum) default, 178.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

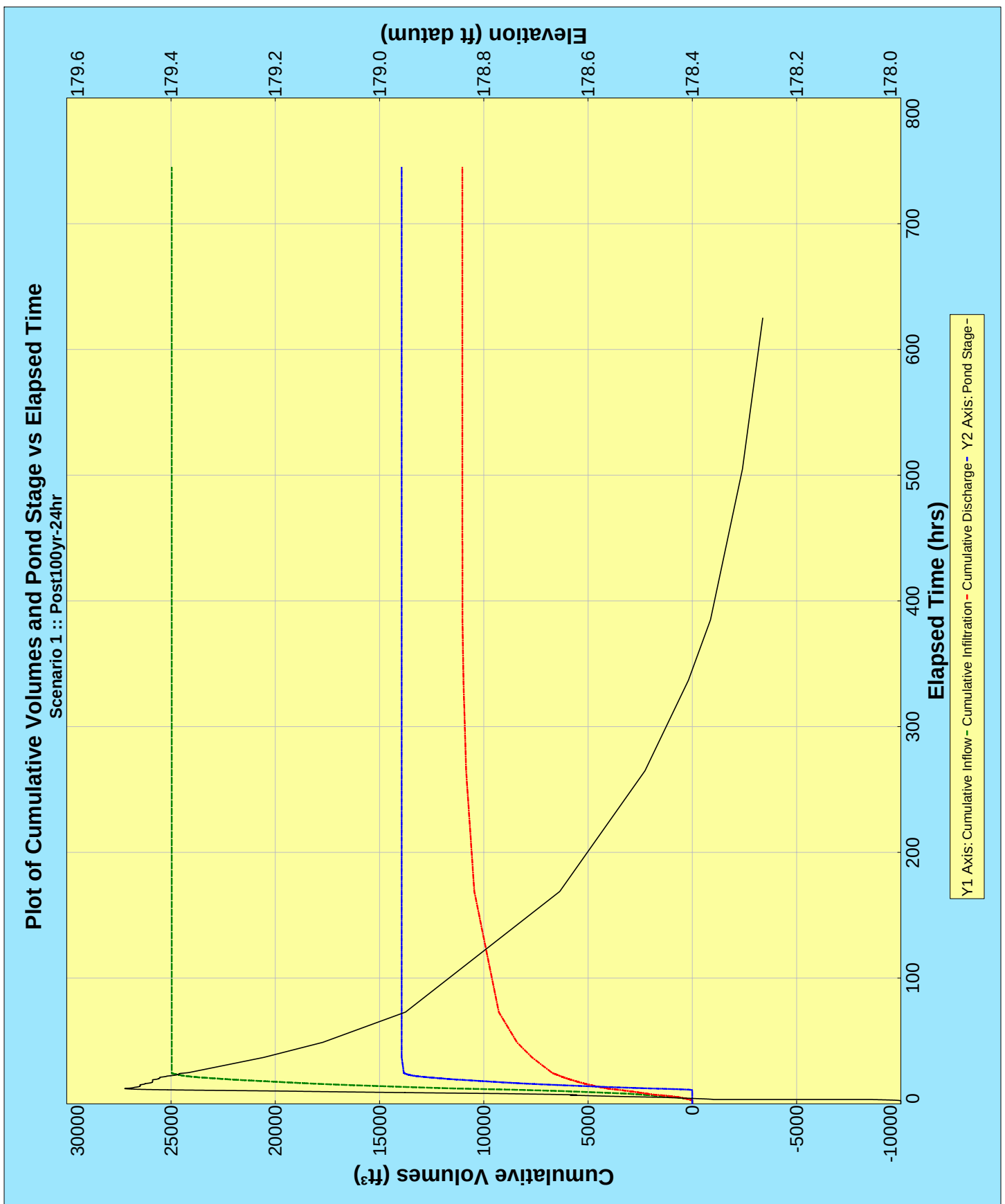
Scenarios Considered: 1 to 9

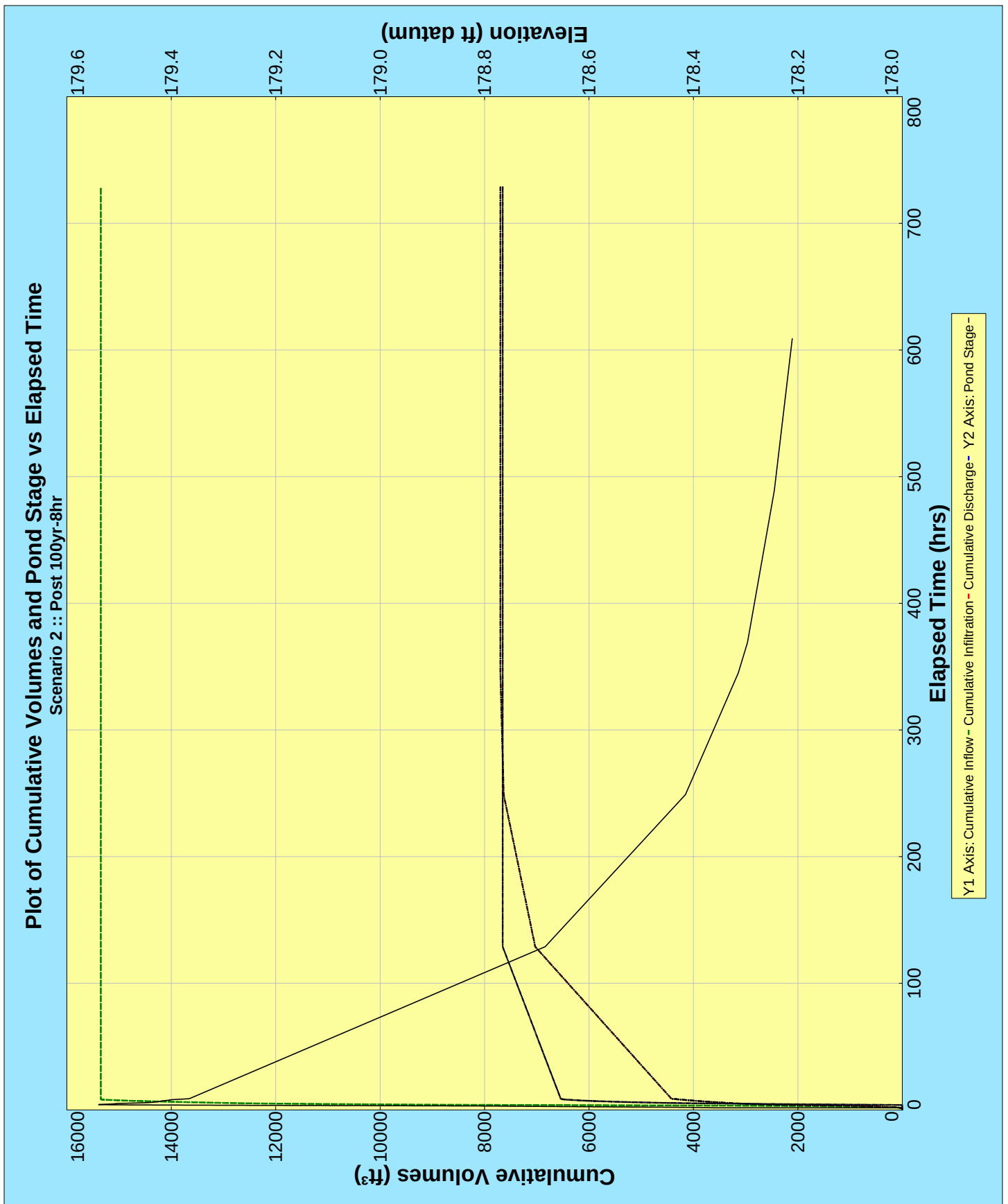
Stage - Maximum

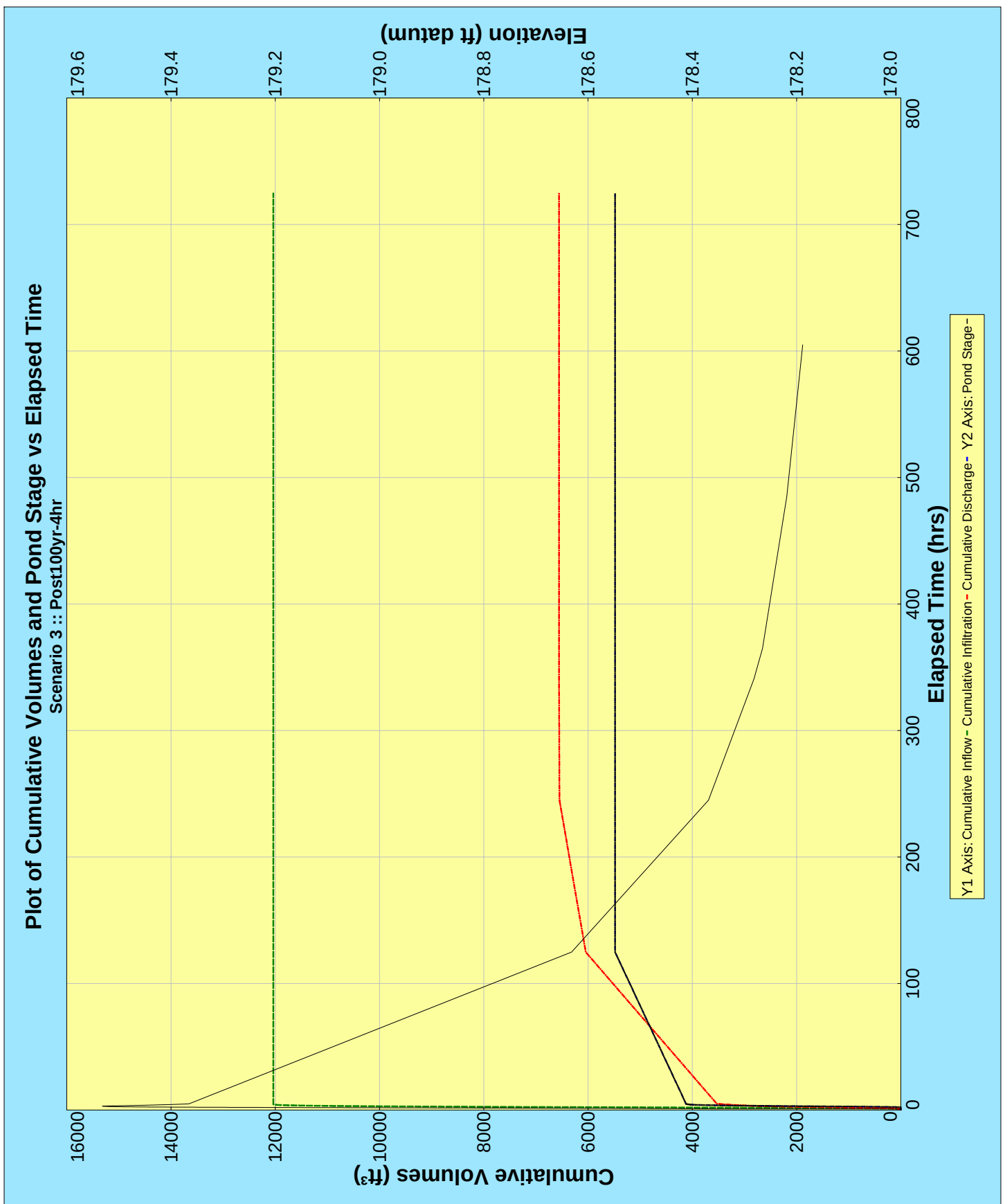
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	2	179.539	4.222	Post 100yr-8hr
2	3	179.532	3.067	Post100yr-4hr
3	5	179.491	1.022	Post 100yr-1hr
4	1	179.489	12.111	Post100yr-24hr
5	6	179.470	60.000	Post 100yr-3d
6	4	179.467	1.444	Post100yr-2hr
7	8	179.465	184.000	Post 100yr-10d
8	7	179.447	160.000	Post 100yr-7d
9	9	179.322	0.002	Treatment volume

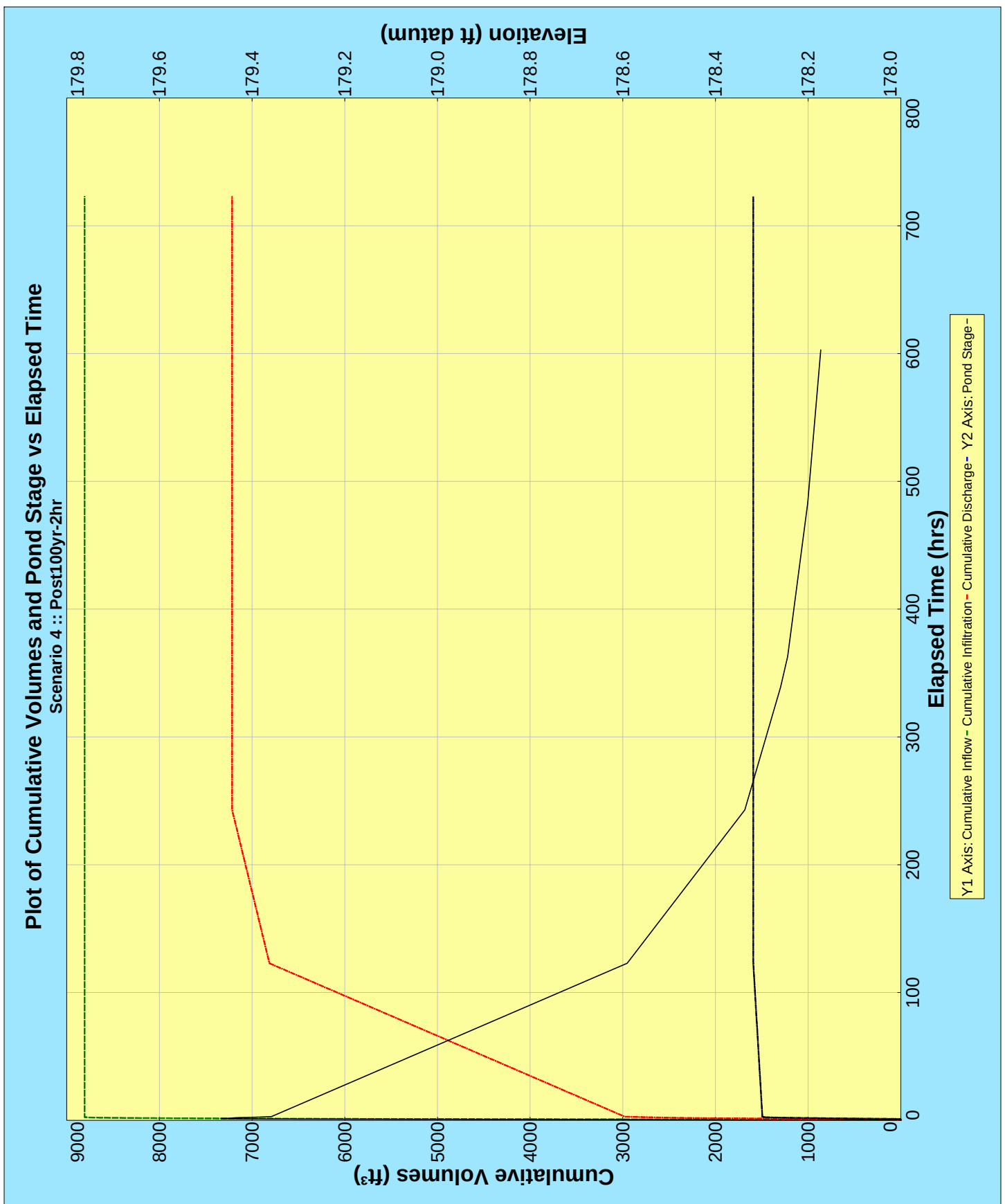
Discharge - Rate - Maximum Positive

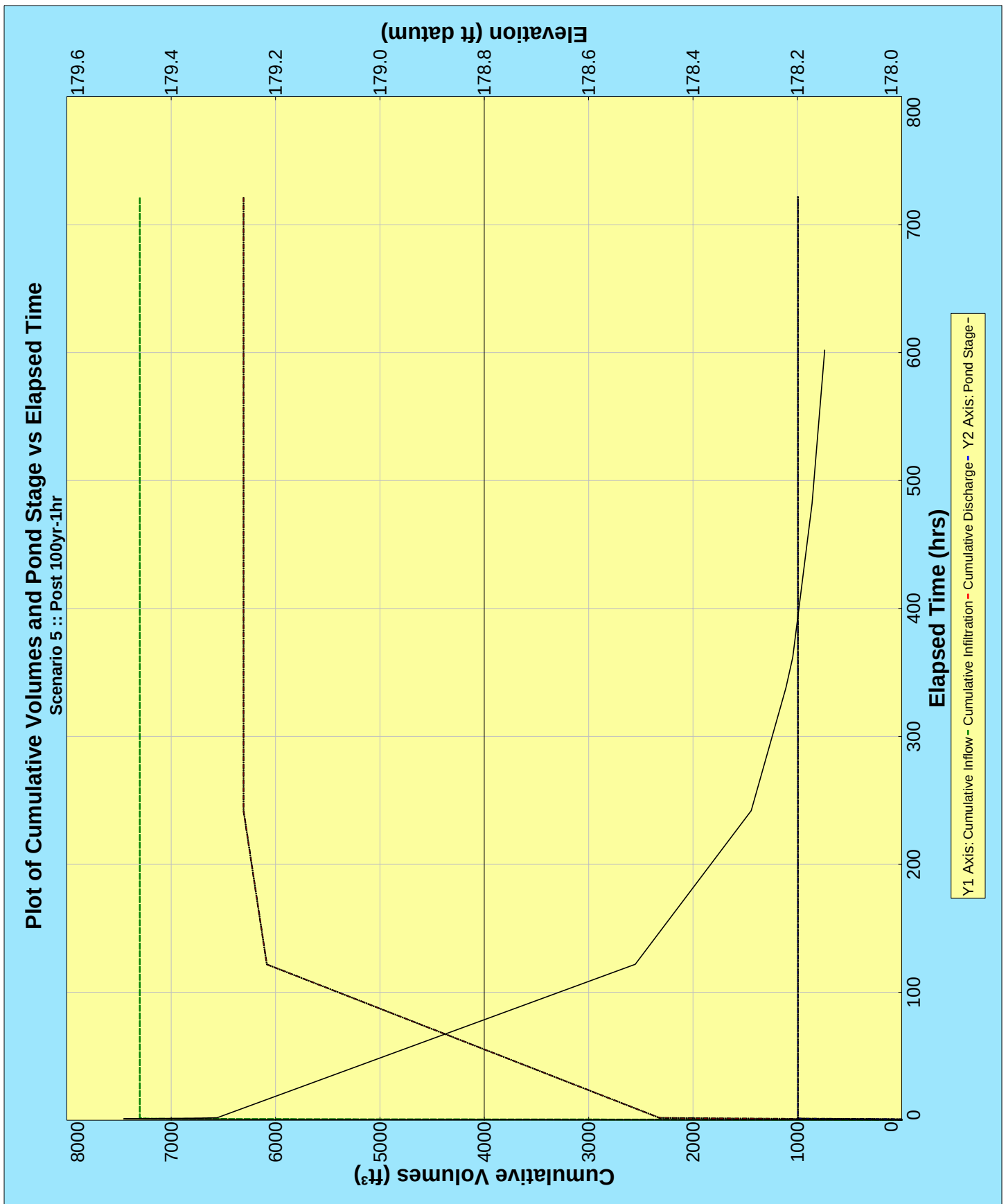
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	2	1.0046	4.222	Post 100yr-8hr
2	3	0.9429	3.067	Post100yr-4hr
3	5	0.6749	1.022	Post 100yr-1hr
4	1	0.6152	12.111	Post100yr-24hr
5	4	0.5004	1.444	Post100yr-2hr
6	6	0.4850	60.000	Post 100yr-3d
7	8	0.4523	184.000	Post 100yr-10d
8	7	0.3418	160.000	Post 100yr-7d
9	9	None	N.A.	Treatment volume

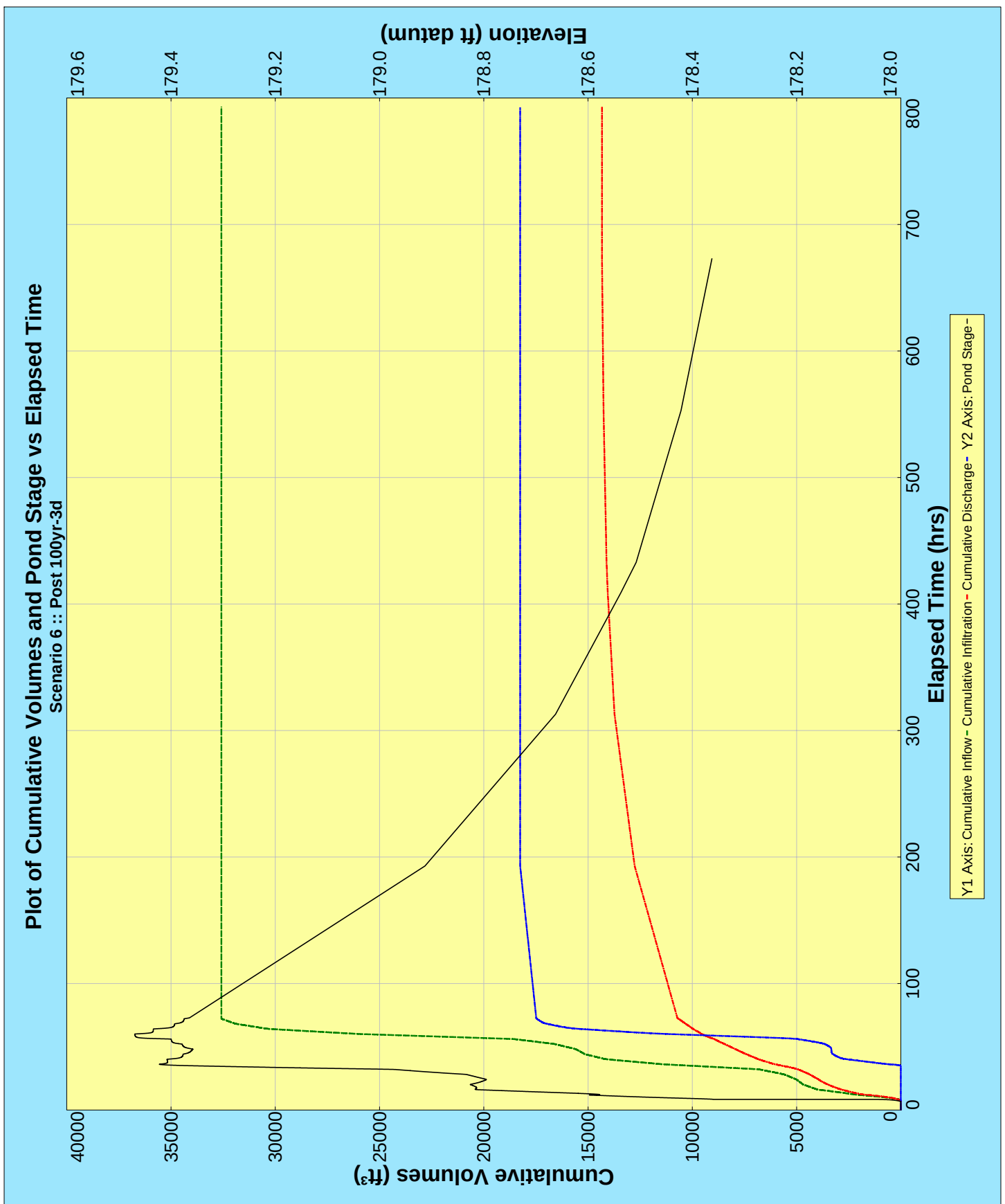


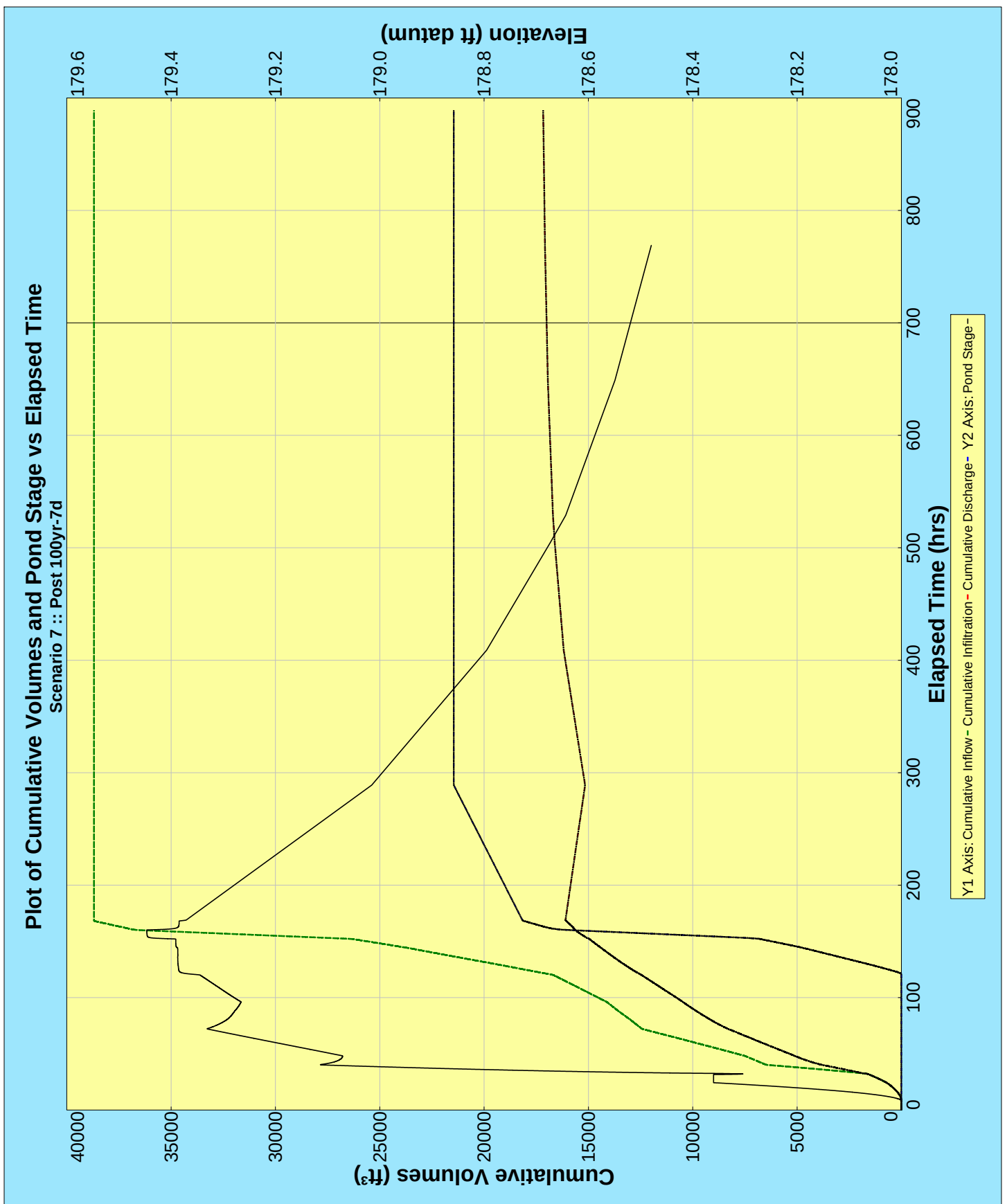


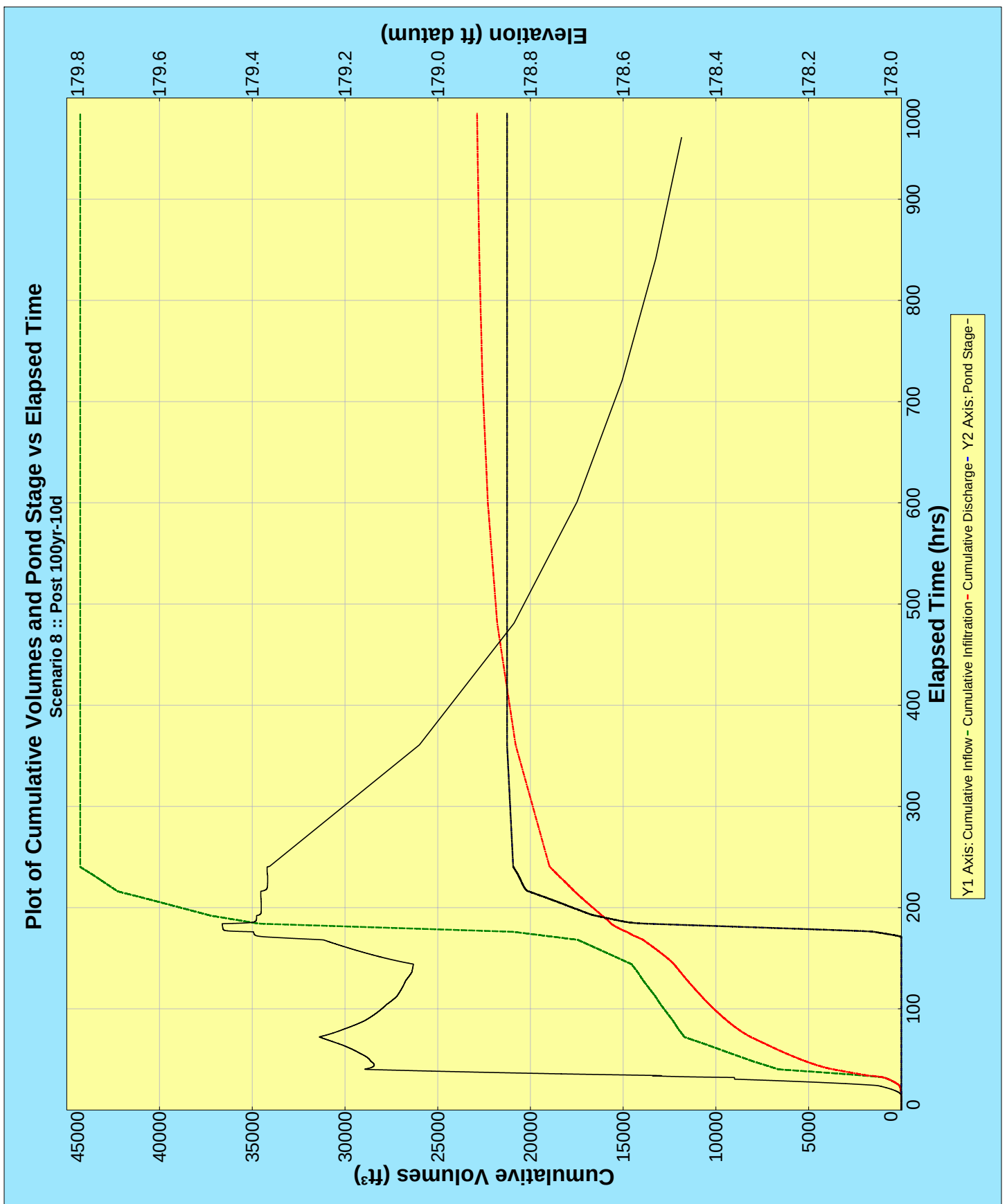


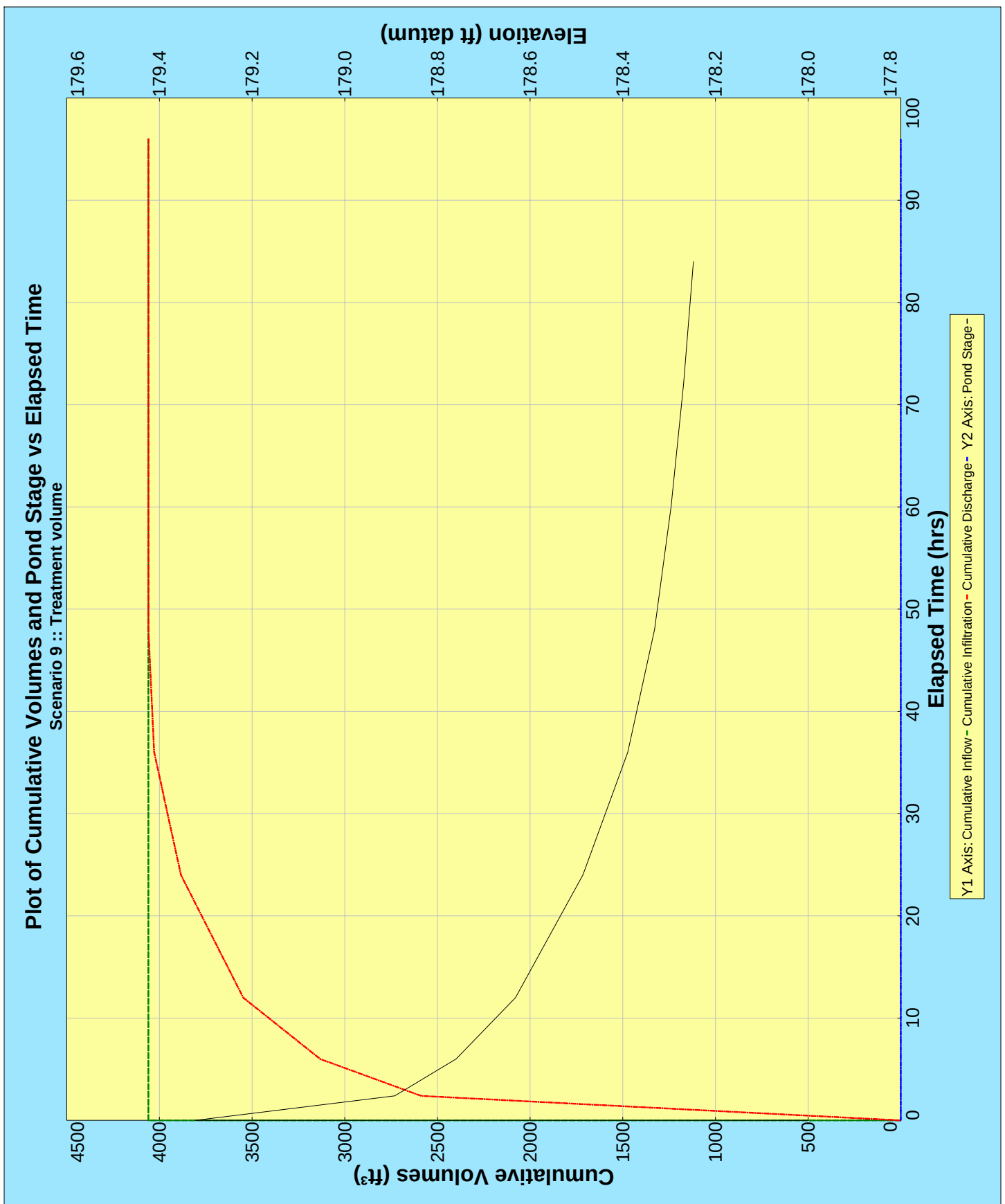












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Project Data

Project Name: GREC - Switch Yard
Simulation Description: Dry Retention Basin
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 173.50
Water Table Elevation, [WT] (ft datum): 175.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 11.00
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 15012.0

Geometry Data

Equivalent Pond Length, [L] (ft): 275.0
Equivalent Pond Width, [W] (ft): 55.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
176.50	13174.0
177.00	14399.0
177.50	15624.0
178.00	16849.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	177.50
Weir coefficient:	2.861
Weir length, (ft):	1.0
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 1 :: Post 100yr-24hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 11.0
Design Rainfall Duration (hours) 24.0
Shape Factor UHG 323
Rainfall Distribution FDOT 24 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
1.000	15.000
5.000	20.000
10.000	25.000
12.000	30.000
14.000	

Scenario 2 :: Post 100yr-8hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 7.5
Design Rainfall Duration (hours) 8.0
Shape Factor UHG 323
Rainfall Distribution FDOT 8 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 3 :: Post100yr-4hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 6.3
Design Rainfall Duration (hours) 4.0
Shape Factor UHG 323
Rainfall Distribution FDOT 4 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 4 :: Post100yr-2hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 5.0
Design Rainfall Duration (hours) 2.0
Shape Factor UHG 323
Rainfall Distribution FDOT 2 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 5 :: Post 100yr-1hr

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 4.4
Design Rainfall Duration (hours) 1.0
Shape Factor UHG 323
Rainfall Distribution FDOT 1 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
5.000	25.000
10.000	30.000
14.000	
15.000	

Scenario 6 :: Post 100yr-3d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 13.8
Design Rainfall Duration (hours) 72.0
Shape Factor UHG 323
Rainfall Distribution FDOT 72 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

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Scenario Input Data (cont'd.)

Scenario 7 :: Post 100yr-7d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 16.0
Design Rainfall Duration (hours) 168.0
Shape Factor UHG 323
Rainfall Distribution FDOT 168 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
5.000	25.000
10.000	30.000
14.000	
15.000	
20.000	

Scenario 8 :: Post 100yr-10d

Hydrograph Type: Inline SCS
Modflow Routing: Routed with infiltration
Repetitions: 1

Basin Area (acres) 1.331
Time Of Concentration (minutes) 14.0
DCIA (%) 0.0
Curve Number 84.4
Design Rainfall Depth (inches) 18.0
Design Rainfall Duration (hours) 240.0
Shape Factor UHG 323
Rainfall Distribution FDOT 240 Hour

Initial ground water level (ft datum) default, 175.00

Time After Storm Event (days)	Time After Storm Event (days)
2.000	20.000
8.000	25.000
10.000	30.000
14.000	
15.000	

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Scenario Input Data (cont'd.)

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 9666

Initial ground water level (ft datum) default, 175.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

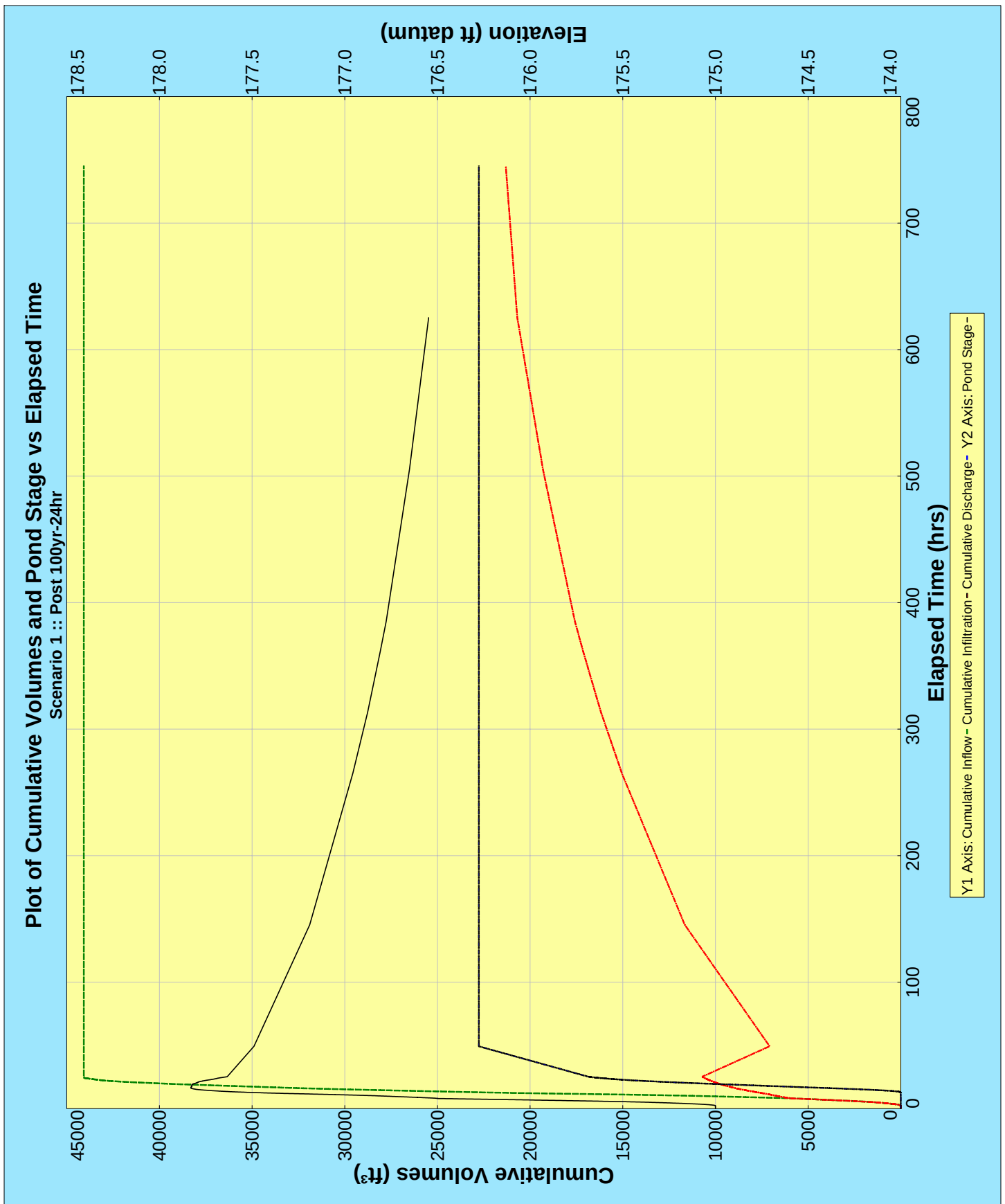
Scenarios Considered: 1 to 9

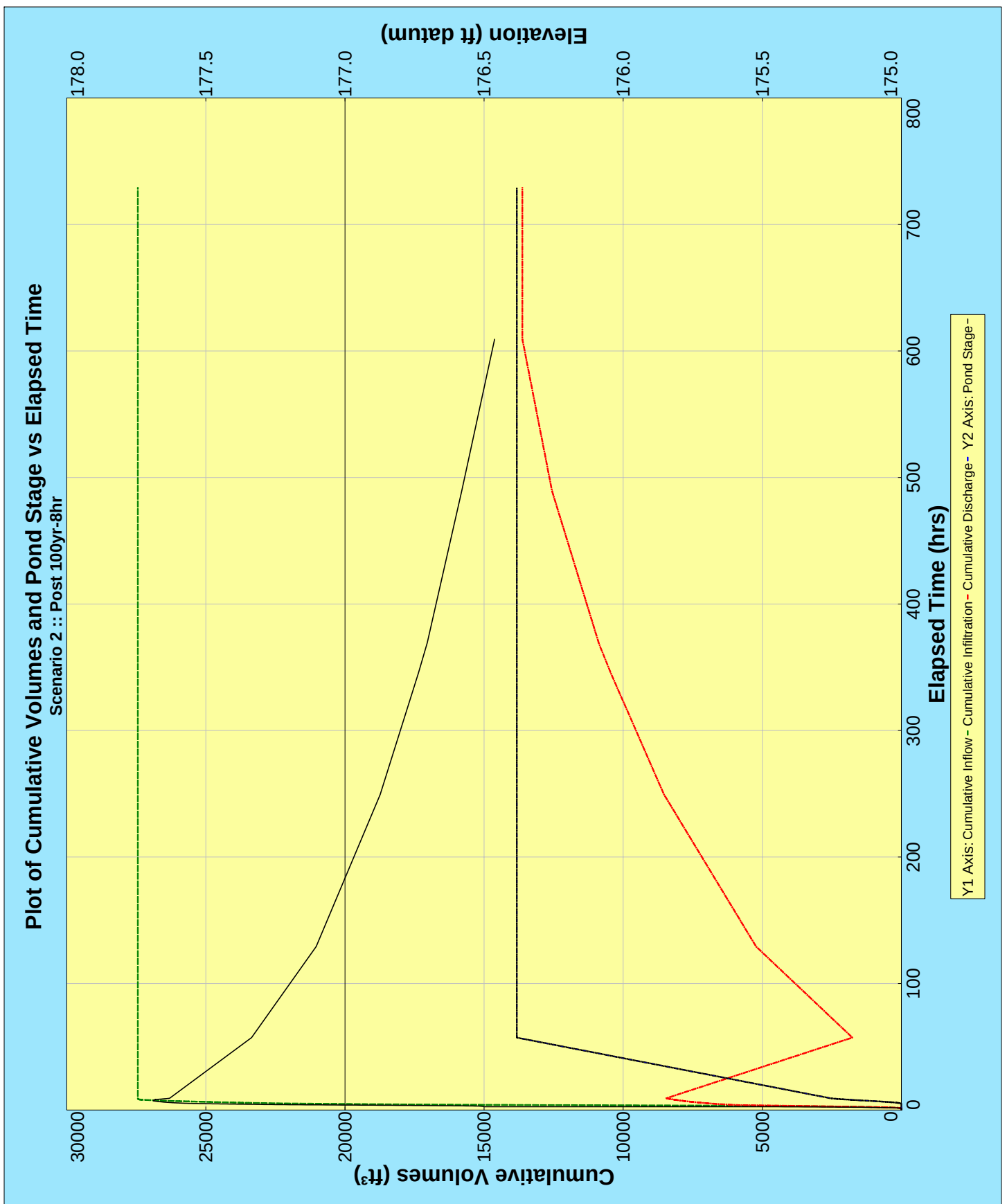
Stage - Maximum

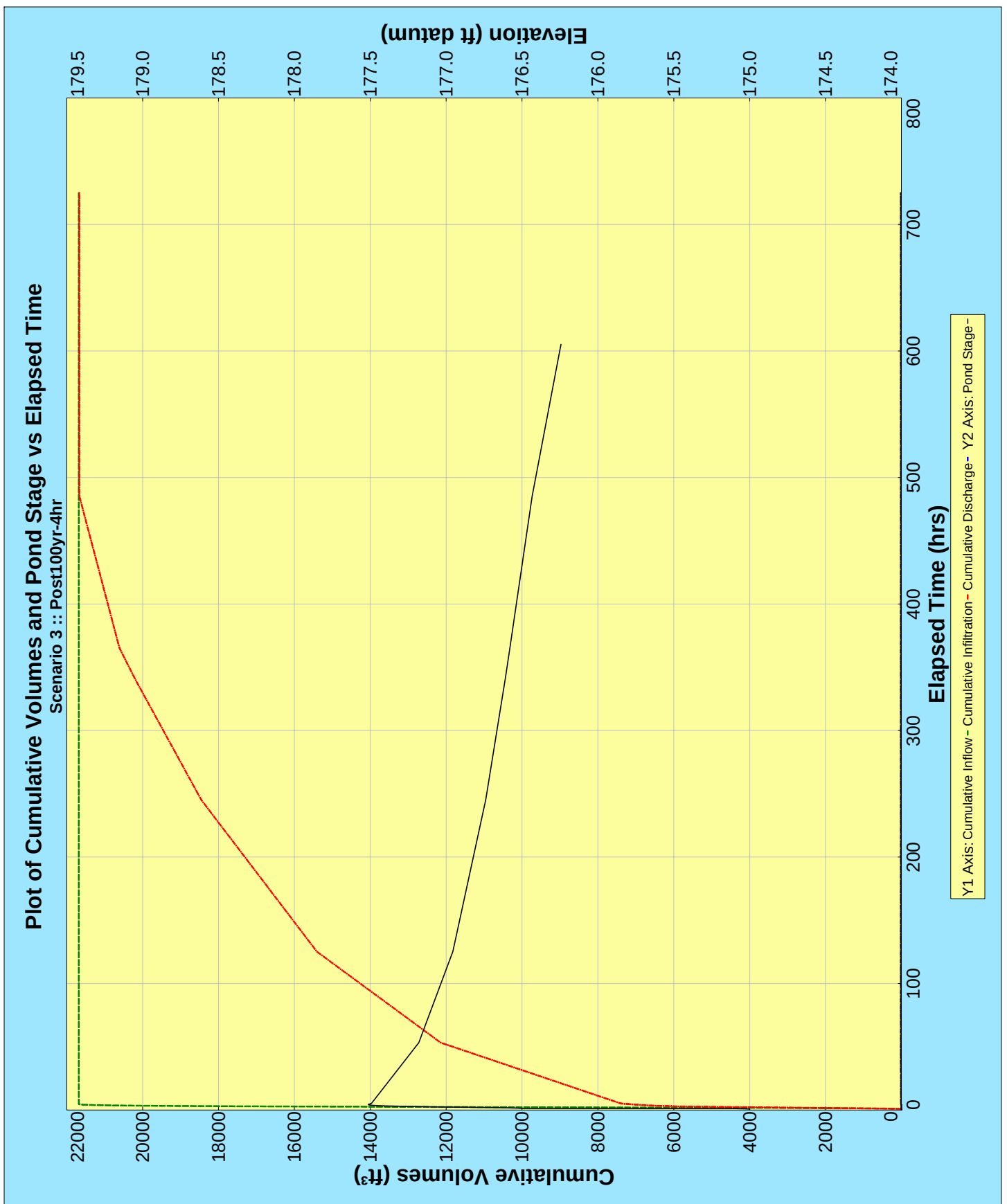
Rank	Scenario Number	Maximum Stage (ft datum)	Time (hours)	Description
1	8	177.927	184.053	Post 100yr-10d
2	6	177.917	60.138	Post 100yr-3d
3	7	177.853	160.036	Post 100yr-7d
4	1	177.831	16.396	Post 100yr-24hr
5	2	177.688	7.436	Post 100yr-8hr
6	3	177.513	4.262	Post100yr-4hr
7	4	177.201	2.302	Post100yr-2hr
8	9	177.189	0.002	Treatment volume
9	5	177.185	1.307	Post 100yr-1hr

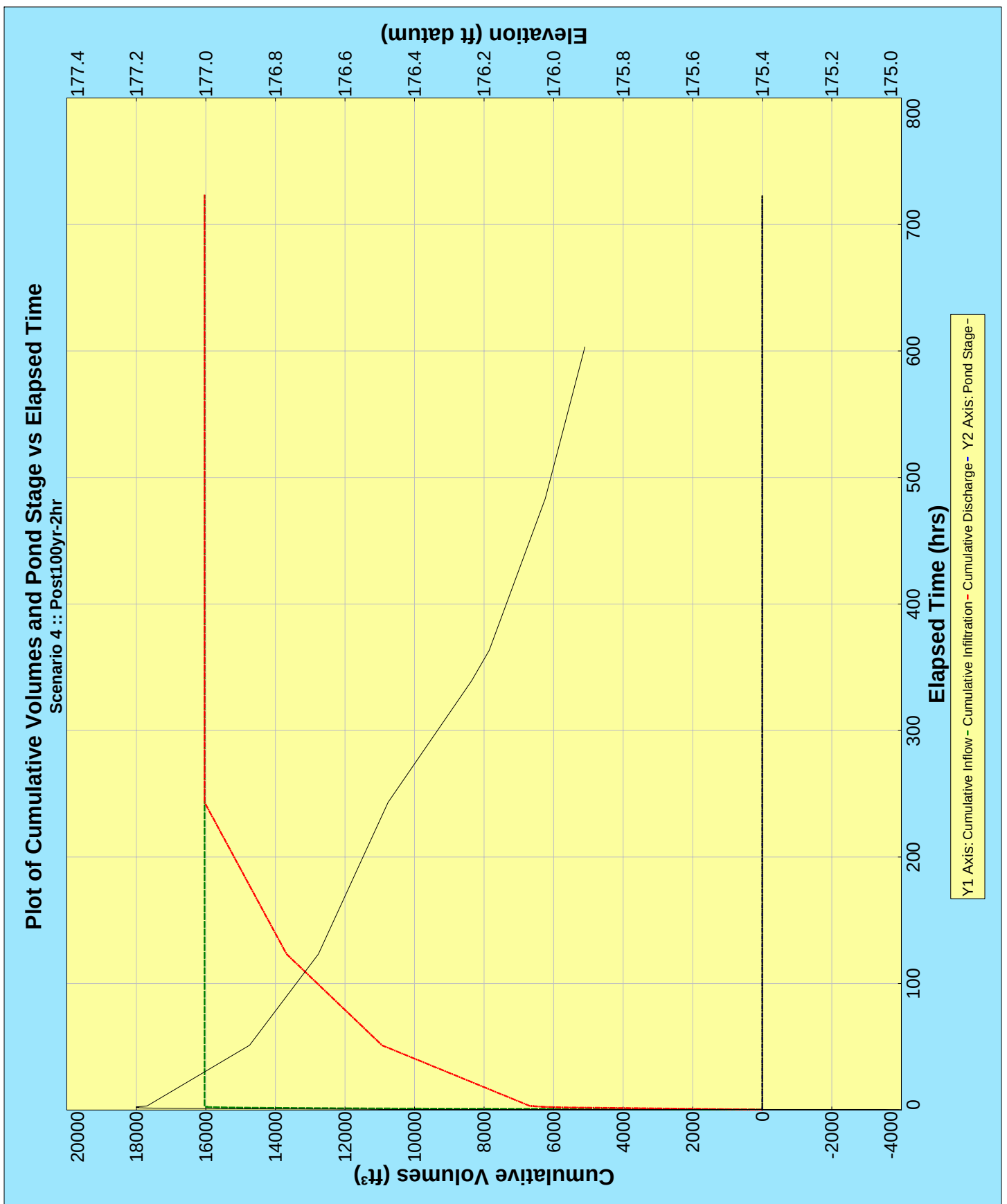
Discharge - Rate - Maximum Positive

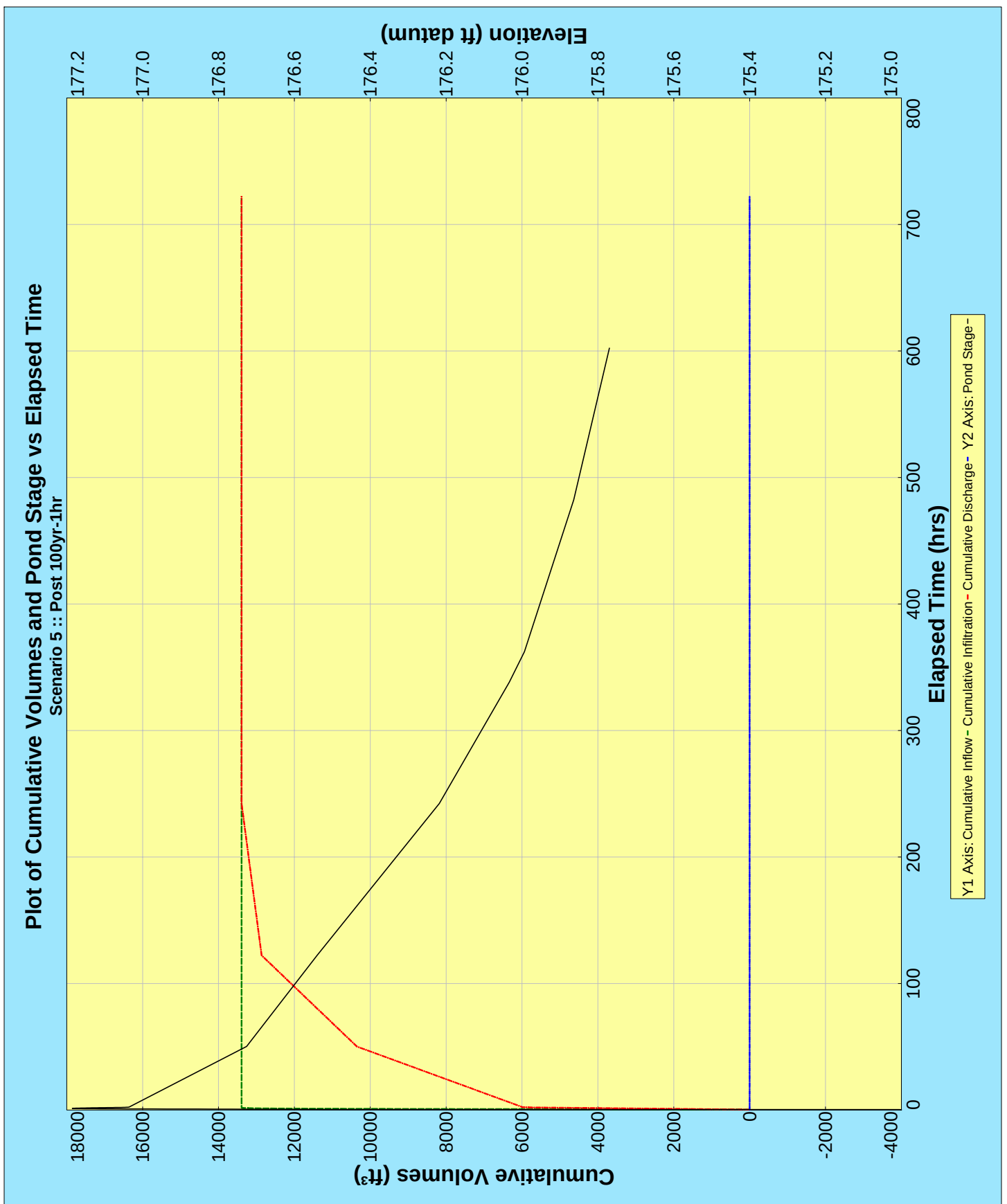
Rank	Scenario Number	Maximum Positive Discharge Rate (ft ³ /s)	Time (hours)	Description
1	8	0.7789	184.053	Post 100yr-10d
2	6	0.7522	60.138	Post 100yr-3d
3	7	0.5865	160.036	Post 100yr-7d
4	1	0.5297	16.396	Post 100yr-24hr
5	2	0.2265	7.436	Post 100yr-8hr
6	3	0.0044	4.262	Post100yr-4hr
7	4	None	N.A.	Post100yr-2hr
8	5	None	N.A.	Post 100yr-1hr
9	9	None	N.A.	Treatment volume

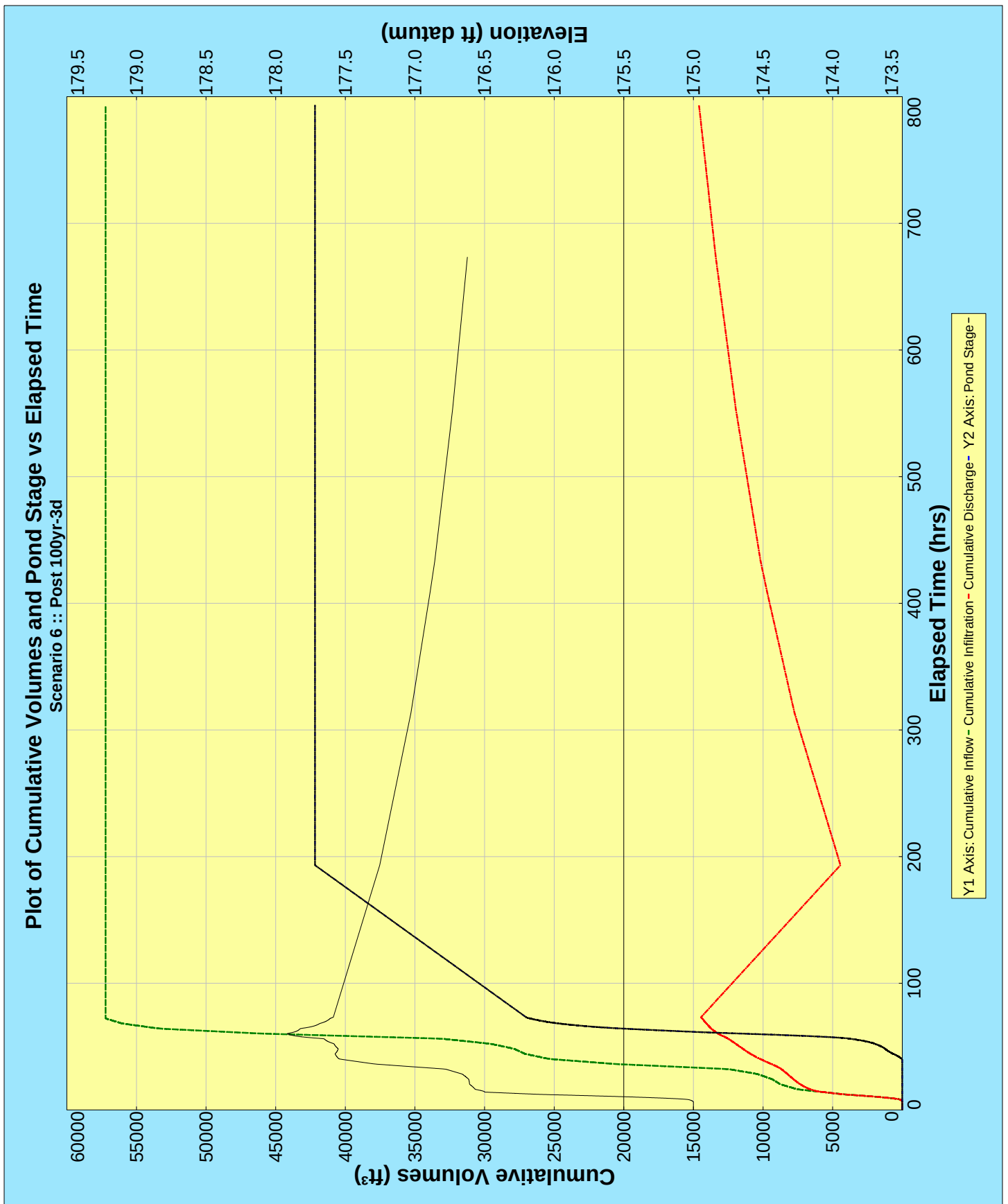


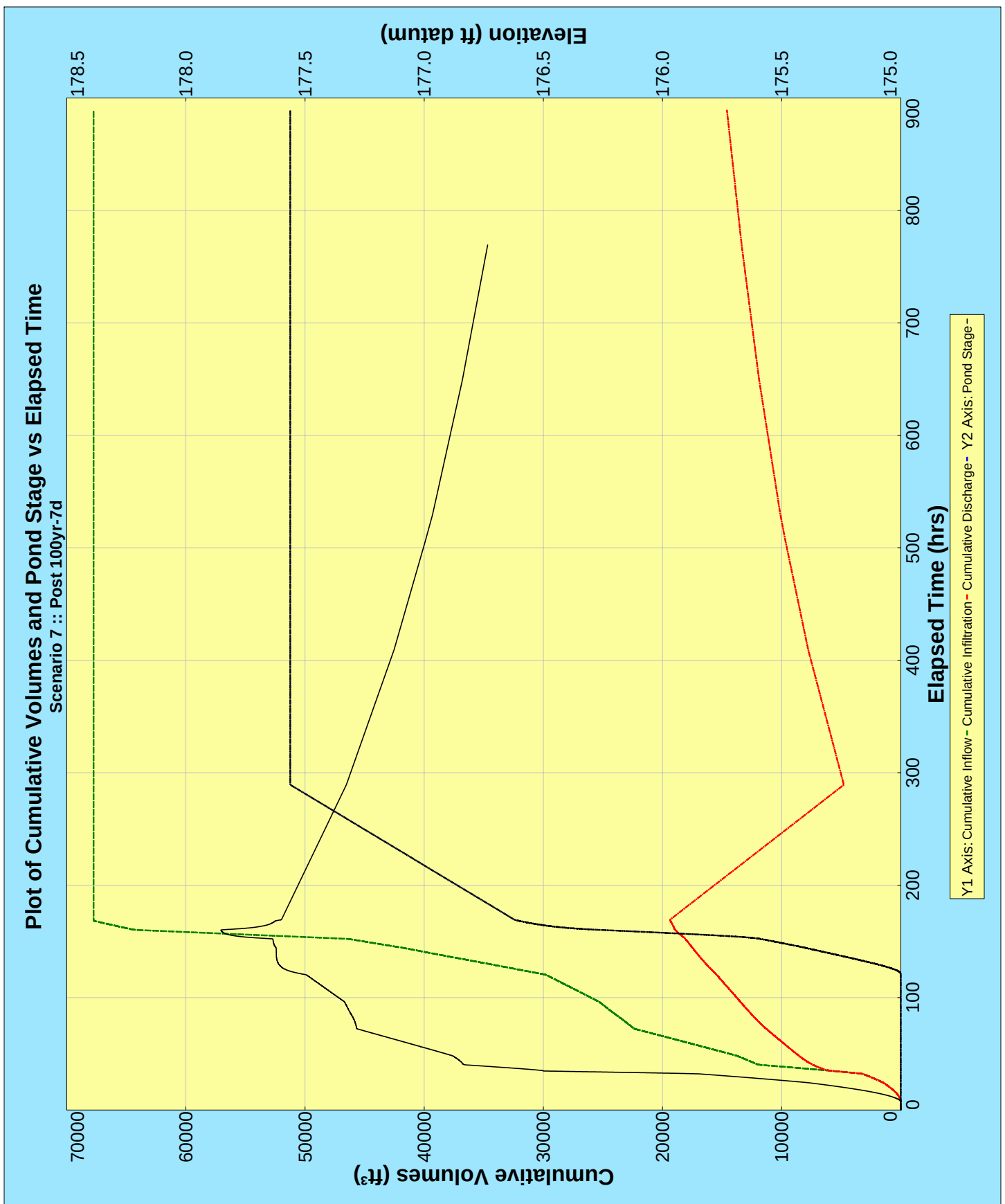


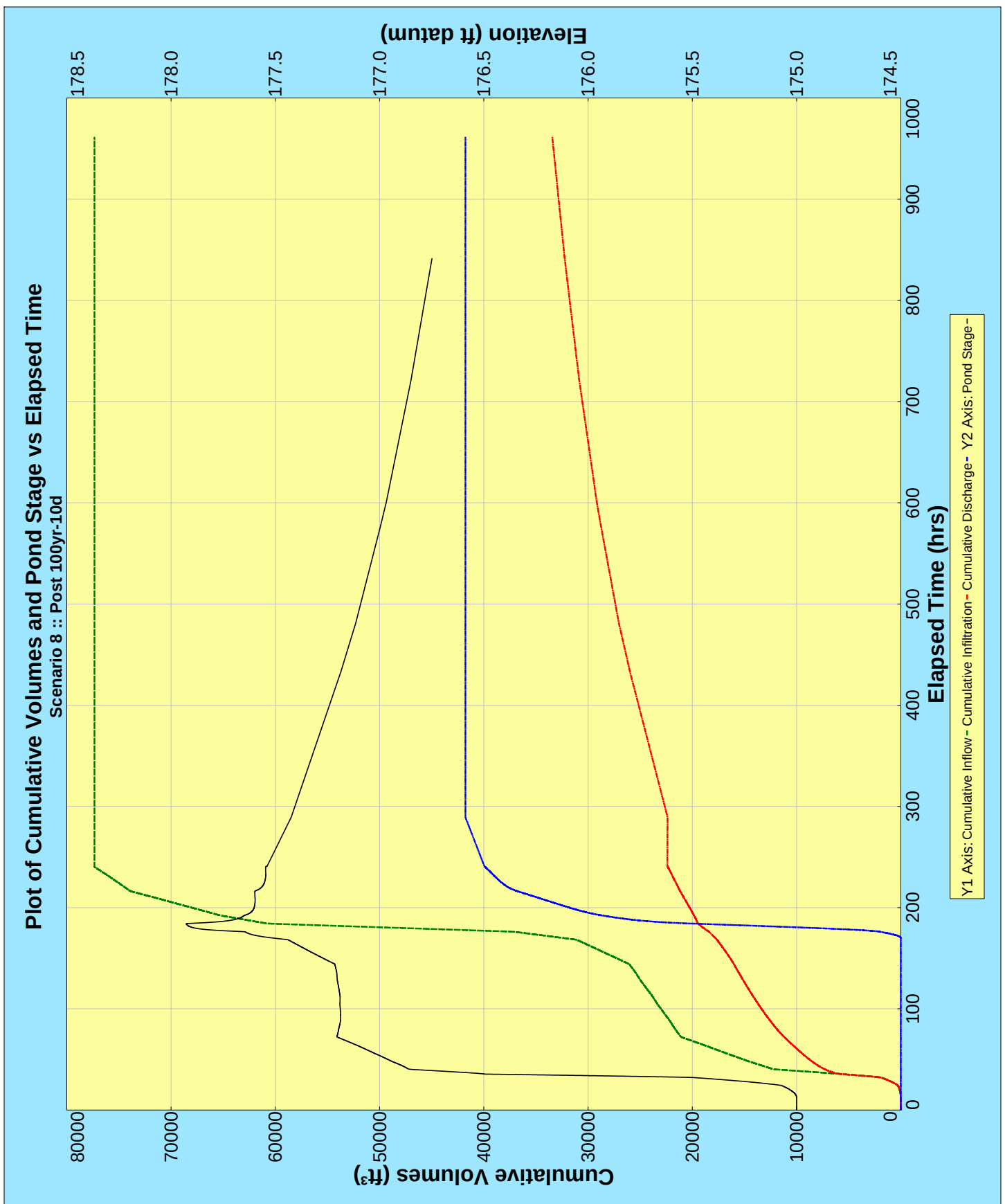


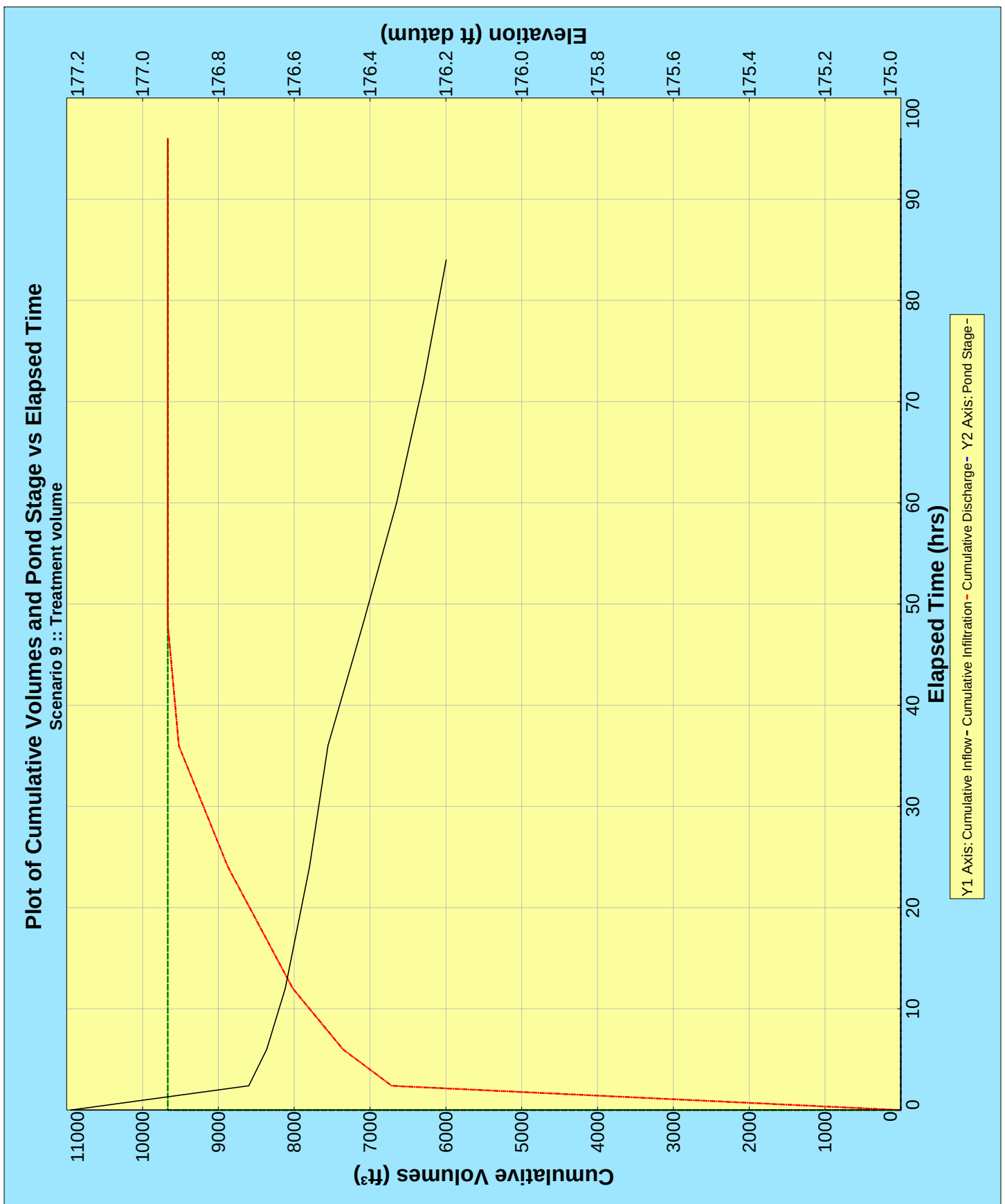












GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
bdry	100yr-10d	173.000	174.000	0.0000	2	13.450	0.000
bdry	100yr-1hr	173.000	174.000	0.0000	1	8.095	0.000
bdry	100yr-24hr	173.000	174.000	0.0000	1	14.267	0.000
bdry	100yr-2hr	173.000	174.000	0.0000	1	13.204	0.000
bdry	100yr-3d	173.000	174.000	0.0000	1	13.886	0.000
bdry	100yr-4hr	173.000	174.000	0.0000	1	21.351	0.000
bdry	100yr-7d	173.000	174.000	0.0000	2	10.338	0.000
bdry	100yr-8hr	173.000	174.000	0.0000	1	22.387	0.000
bdry-4	100yr-10d	173.000	174.000	0.0000	2	13.598	0.000
bdry-4	100yr-1hr	173.000	174.000	0.0000	1	3.376	0.000
bdry-4	100yr-24hr	173.000	174.000	0.0000	1	11.635	0.000
bdry-4	100yr-2hr	173.000	174.000	0.0000	1	6.045	0.000
bdry-4	100yr-3d	173.000	174.000	0.0000	1	13.823	0.000
bdry-4	100yr-4hr	173.000	174.000	0.0000	1	14.817	0.000
bdry-4	100yr-7d	173.000	174.000	0.0000	8	10.363	0.000
bdry-4	100yr-8hr	173.000	174.000	0.0000	1	17.386	0.000
Ditch 30	100yr-10d	176.375	177.410	0.0099	6351	3.983	3.965
Ditch 30	100yr-1hr	176.450	177.410	-0.0099	6697	6.348	4.174
Ditch 30	100yr-24hr	176.423	177.410	-0.0089	6572	4.329	4.100
Ditch 30	100yr-2hr	176.529	177.410	-0.0100	7061	5.454	4.383
Ditch 30	100yr-3d	176.410	177.410	0.0098	6514	4.135	4.065
Ditch 30	100yr-4hr	177.086	177.410	0.0100	9695	7.351	5.627
Ditch 30	100yr-7d	176.075	177.410	-0.0099	4967	3.058	3.053
Ditch 30	100yr-8hr	177.213	177.410	0.0100	10368	7.473	5.867
Node300	100yr-10d	182.433	182.500	0.0020	37296	2.710	2.683
Node300	100yr-1hr	181.075	182.500	0.0031	32212	7.784	0.000
Node300	100yr-24hr	182.322	182.500	0.0068	36884	3.756	1.818
Node300	100yr-2hr	181.315	182.500	0.0031	33111	5.292	0.000
Node300	100yr-3d	182.426	182.500	0.0030	37273	2.878	2.631
Node300	100yr-4hr	181.799	182.500	0.0060	34923	5.694	0.000
Node300	100yr-7d	182.351	182.500	0.0016	36990	2.051	2.031
Node300	100yr-8hr	182.136	182.500	0.0058	36183	6.313	0.639
Node301	100yr-10d	180.008	180.460	0.0041	9105	2.106	2.102
Node301	100yr-1hr	179.953	180.460	0.0065	8808	3.020	1.466
Node301	100yr-24hr	180.019	180.460	0.0080	9162	2.261	2.234
Node301	100yr-2hr	180.006	180.460	0.0056	9095	2.748	2.078
Node301	100yr-3d	180.014	180.460	-0.0036	9134	2.180	2.170
Node301	100yr-4hr	180.093	180.460	0.0063	9554	3.676	3.216
Node301	100yr-7d	179.966	180.460	0.0036	8877	1.610	1.607
Node301	100yr-8hr	180.145	180.460	0.0084	9828	4.212	3.967
Node302	100yr-10d	179.901	180.620	-0.0048	7372	2.389	2.385
Node302	100yr-1hr	179.912	180.620	-0.0075	7428	3.705	2.524
Node302	100yr-24hr	179.907	180.620	0.0066	7402	2.475	2.460
Node302	100yr-2hr	179.933	180.620	-0.0093	7537	3.119	2.801
Node302	100yr-3d	179.907	180.620	-0.0071	7401	2.465	2.457
Node302	100yr-4hr	180.021	180.620	-0.0086	7993	4.243	4.061
Node302	100yr-7d	179.855	180.620	-0.0047	7133	1.824	1.822
Node302	100yr-8hr	180.031	180.620	0.0087	8047	4.338	4.221
Node305	100yr-10d	176.064	177.410	-0.0083	4917	3.491	3.483
Node305	100yr-1hr	176.013	177.410	-0.0100	4682	4.060	3.286
Node305	100yr-24hr	176.093	177.410	0.0093	5052	3.674	3.596
Node305	100yr-2hr	176.147	177.410	-0.0098	5301	4.325	3.798
Node305	100yr-3d	176.090	177.410	-0.0081	5038	3.613	3.585
Node305	100yr-4hr	176.604	177.410	-0.0099	7406	6.271	5.273
Node305	100yr-7d	175.854	177.410	-0.0085	4029	2.671	2.668
Node305	100yr-8hr	176.694	177.410	0.0099	7822	6.345	5.516

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Name	Simulation	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Inflow cfs	Max Outflow cfs
Node308	100yr-10d	179.697	180.360	-0.0036	10020	3.133	3.129
Node308	100yr-1hr	179.466	180.360	-0.0097	8458	2.516	0.549
Node308	100yr-24hr	179.617	180.360	0.0040	9481	2.091	2.087
Node308	100yr-2hr	179.449	180.360	0.0063	8349	1.852	0.428
Node308	100yr-3d	179.691	180.360	-0.0037	9983	3.087	3.054
Node308	100yr-4hr	179.520	180.360	0.0100	8825	1.554	1.024
Node308	100yr-7d	179.640	180.360	0.0044	9634	2.372	2.368
Node308	100yr-8hr	179.530	180.360	0.0064	8895	1.733	1.125
Node310	100yr-10d	177.894	178.000	0.0017	16600	0.800	0.792
Node310	100yr-1hr	177.149	178.000	0.0025	14782	2.795	0.000
Node310	100yr-24hr	177.902	178.000	0.0045	16620	1.378	0.817
Node310	100yr-2hr	177.186	178.000	0.0030	14872	3.423	0.000
Node310	100yr-3d	177.886	178.000	0.0022	16579	0.849	0.767
Node310	100yr-4hr	177.530	178.000	0.0030	15712	2.433	0.017
Node310	100yr-7d	177.823	178.000	-0.0013	16427	0.597	0.588
Node310	100yr-8hr	177.684	178.000	0.0041	16086	3.500	0.252
POST-WET-D	100yr-10d	174.887	175.000	0.0060	62368	13.615	13.598
POST-WET-D	100yr-1hr	174.605	175.000	0.0063	50015	11.477	3.376
POST-WET-D	100yr-24hr	174.867	175.000	0.0074	61482	11.812	11.635
POST-WET-D	100yr-2hr	174.788	175.000	0.0058	58025	11.982	6.045
POST-WET-D	100yr-3d	174.889	175.000	0.0058	62464	13.896	13.823
POST-WET-D	100yr-4hr	174.899	175.000	0.0058	62871	17.887	14.817
POST-WET-D	100yr-7d	174.852	175.000	0.0049	60850	10.374	10.363
POST-WET-D	100yr-8hr	174.921	175.000	0.0070	63853	18.871	17.386
WET-D	100yr-10d	174.886	175.000	0.0061	62303	13.468	13.450
WET-D	100yr-1hr	174.823	175.000	0.0084	59545	19.598	8.095
WET-D	100yr-24hr	174.893	175.000	0.0067	62649	14.316	14.267
WET-D	100yr-2hr	174.883	175.000	0.0068	62196	17.185	13.204
WET-D	100yr-3d	174.890	175.000	0.0054	62489	13.932	13.886
WET-D	100yr-4hr	174.952	175.000	0.0074	65204	23.083	21.351
WET-D	100yr-7d	174.852	175.000	0.0054	60836	10.348	10.338
WET-D	100yr-8hr	174.959	175.000	0.0100	65530	23.420	22.387

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-10d	bdry	BASE	239.51	172.665	174.000	20	0.713	0.000	24.0	0.0
100yr-10d	bdry-4	BASE	239.51	172.665	174.000	20	0.607	0.000	20.8	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-3d	bdry	BASE	72.01	172.200	174.000	15	2.165	0.000	15.9	0.0
100yr-3d	bdry-4	BASE	72.01	172.200	174.000	15	2.384	0.000	13.9	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-7d	bdry	BASE	168.01	172.467	174.000	15	2.290	0.000	19.8	0.0
100yr-7d	bdry-4	BASE	168.01	172.467	174.000	15	2.474	0.000	17.0	0.0

GAINESVILLE RENEWABLE ENERGY CENTER
STORMWATER MANAGEMENT PLAN - WETLAND D

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
100yr-24hr	bdry	BASE	23.51	172.065	174.000	12	3.722	0.000	10.4	0.0
100yr-24hr	bdry-4	BASE	23.51	172.065	174.000	12	4.037	0.000	9.1	0.0

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Project Data

Project Name: GREC - Layout Area 1
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 171.50
Water Table Elevation, [WT] (ft datum): 178.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 12775.0

Geometry Data

Equivalent Pond Length, [L] (ft): 511.0
Equivalent Pond Width, [W] (ft): 25.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
179.50	6132.0
180.00	8346.0
180.50	15661.0
181.00	12775.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	180.75
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 10957

Initial ground water level (ft datum) default, 178.50

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

Scenarios Considered: 9

Stage - Maximum

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Stage (ft datum)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	180.587	0.002	Treatment volume

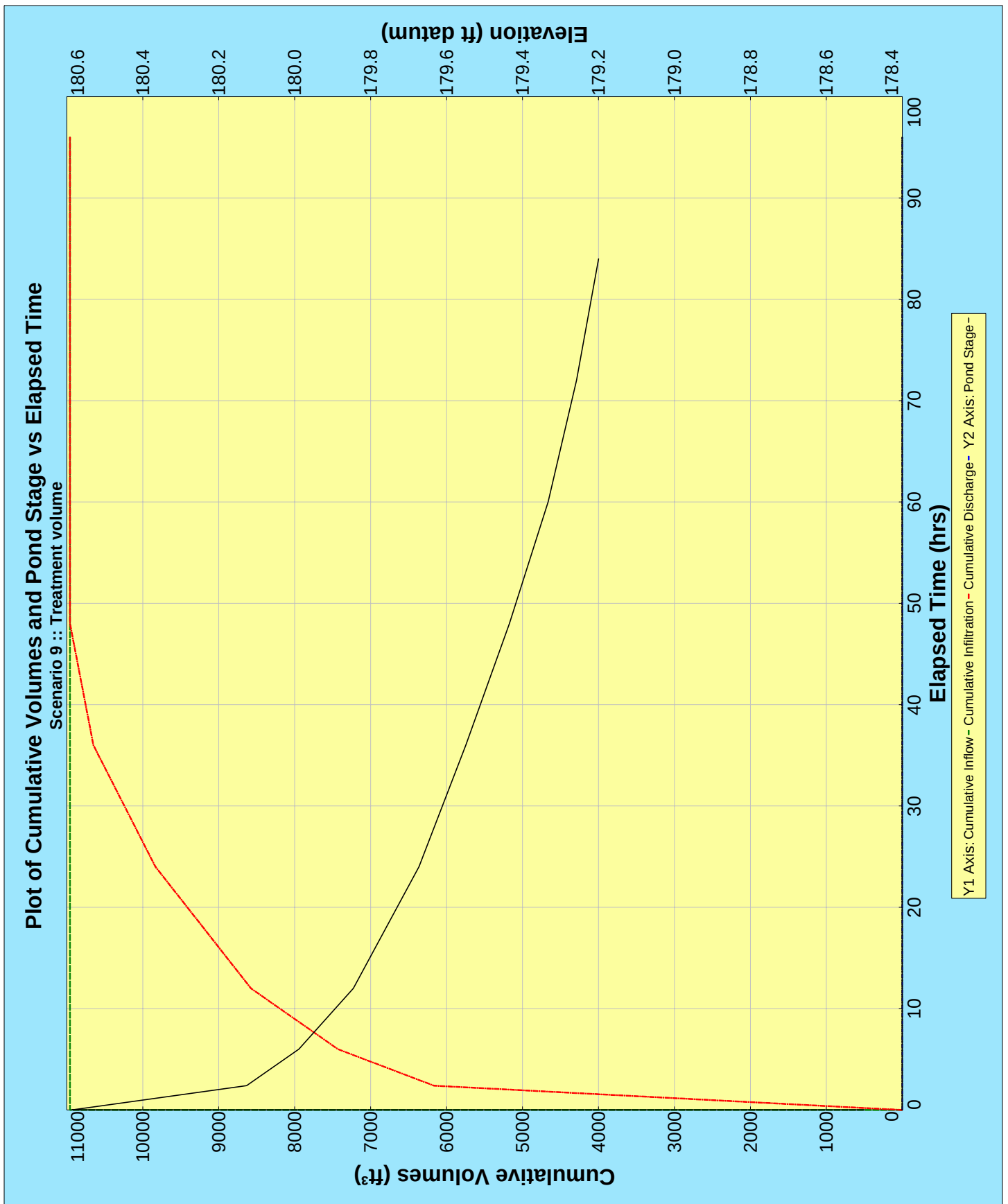
Discharge - Rate - Maximum Positive

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Positive Discharge Rate (ft³/s)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	None	N.A.	Treatment volume

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Detailed Results :: Scenario 9 :: Treatment volume

Elapsed Time (hours)	Inflow Rate (ft ³ /s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft ³ /s)	Overflow Discharge (ft ³ /s)	Cumulative Inflow Volume (ft ³)	Cumulative Infiltration Volume (ft ³)	Cumulative Discharge Volume (ft ³)	Flow Type
0.000	1826.1670	0.0000	178.500	0.00000	0.00000	0.0	0.0	0.0	N.A.
0.002	1826.1670	0.0000	180.587	0.39057	0.00000	10957.0	2.3	0.0	U/P
2.400	0.0000	0.0000	180.127	0.46735	0.00000	10957.0	6164.4	0.0	U/S
6.000	0.0000	0.0000	179.989	0.08086	0.00000	10957.0	7428.8	0.0	S
12.000	0.0000	0.0000	179.846	0.04505	0.00000	10957.0	8573.8	0.0	S
24.000	0.0000	0.0000	179.673	0.02402	0.00000	10957.0	9832.9	0.0	S
36.000	0.0000	0.0000	179.549	0.01301	0.00000	10957.0	10649.2	0.0	S
48.000	0.0000	0.0000	179.435	0.00356	0.00000	10957.0	10957.0	0.0	S
60.000	0.0000	0.0000	179.333	0.00000	0.00000	10957.0	10957.0	0.0	S
72.000	0.0000	0.0000	179.258	0.00000	0.00000	10957.0	10957.0	0.0	S
84.000	0.0000	0.0000	179.200	0.00000	0.00000	10957.0	10957.0	0.0	S
96.000	0.0000	0.0000	179.153	----	----	10957.0	10957.0	0.0	N.A.



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Project Data

Project Name: GREC - Layout Area 2
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 172.50
Water Table Elevation, [WT] (ft datum): 179.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 14560.0

Geometry Data

Equivalent Pond Length, [L] (ft): 560.0
Equivalent Pond Width, [W] (ft): 26.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
180.00	8960.0
180.75	11760.0
181.00	12693.0
181.50	14560.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.25
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 13967

Initial ground water level (ft datum) default, 179.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

Scenarios Considered: 9

Stage - Maximum

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Stage (ft datum)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	181.239	0.002	Treatment volume

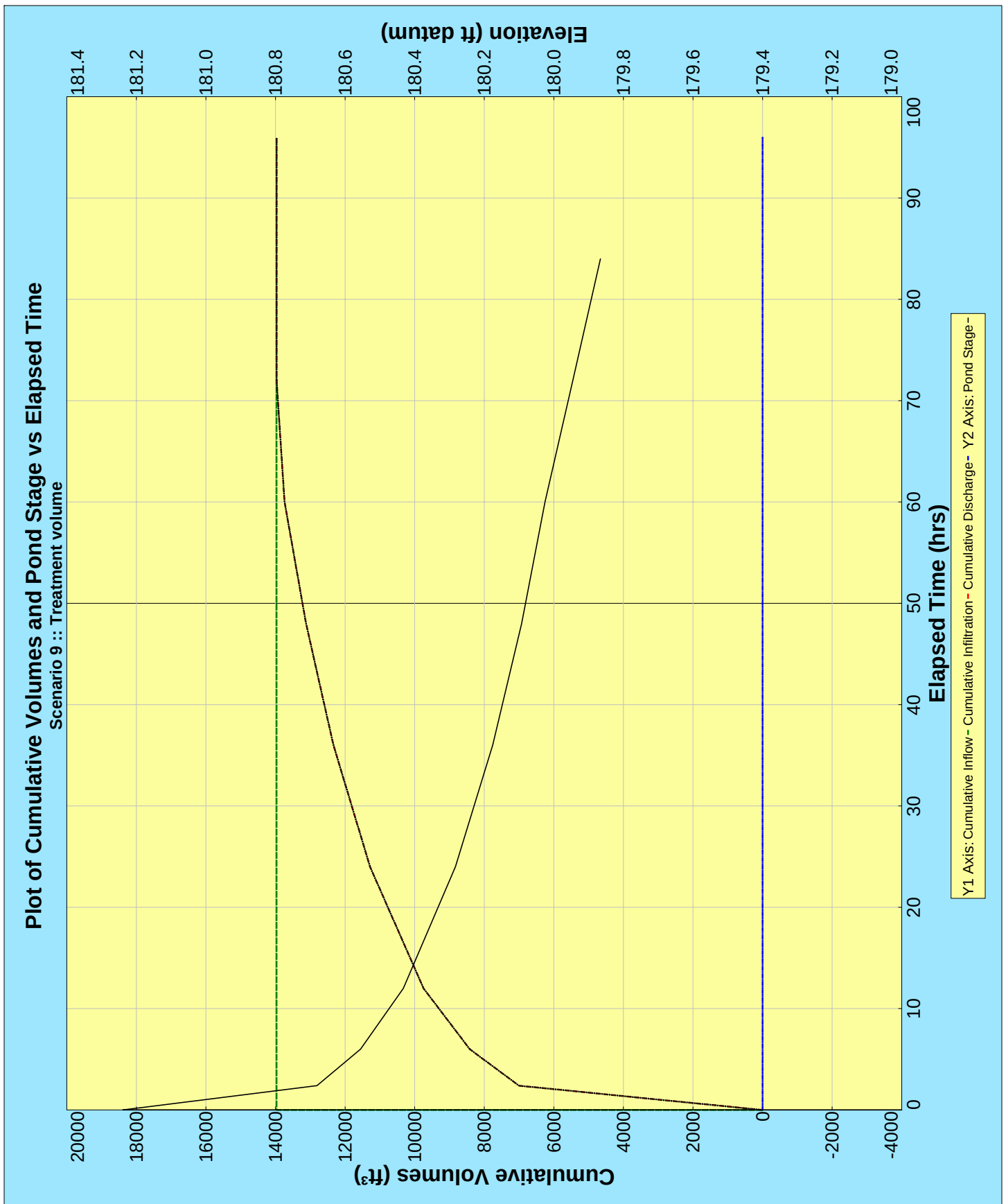
Discharge - Rate - Maximum Positive

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Positive Discharge Rate (ft³/s)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	None	N.A.	Treatment volume

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Detailed Results :: Scenario 9 :: Treatment volume

Elapsed Time (hours)	Inflow Rate (ft ³ /s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft ³ /s)	Overflow Discharge (ft ³ /s)	Cumulative Inflow Volume (ft ³)	Cumulative Infiltration Volume (ft ³)	Cumulative Discharge Volume (ft ³)	Flow Type
0.000	2327.8330	0.0000	179.000	0.00000	0.00000	0.0	0.0	0.0	N.A.
0.002	2327.8330	0.0000	181.239	0.57054	0.00000	13967.0	3.4	0.0	U/P
2.400	0.0000	0.0000	180.681	0.52994	0.00000	13967.0	6999.8	0.0	U/S
6.000	0.0000	0.0000	180.556	0.09124	0.00000	13967.0	8413.3	0.0	S
12.000	0.0000	0.0000	180.433	0.05291	0.00000	13967.0	9742.6	0.0	S
24.000	0.0000	0.0000	180.283	0.03000	0.00000	13967.0	11282.5	0.0	S
36.000	0.0000	0.0000	180.176	0.02127	0.00000	13967.0	12334.8	0.0	S
48.000	0.0000	0.0000	180.093	0.01624	0.00000	13967.0	13120.0	0.0	S
60.000	0.0000	0.0000	180.025	0.00980	0.00000	13967.0	13738.3	0.0	S
72.000	0.0000	0.0000	179.945	0.00265	0.00000	13967.0	13967.0	0.0	S
84.000	0.0000	0.0000	179.866	0.00000	0.00000	13967.0	13967.0	0.0	S
96.000	0.0000	0.0000	179.805	----	----	13967.0	13967.0	0.0	N.A.



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Project Data

Project Name: GREC - Layout Area 3
Simulation Description: Dry Retention Basin-Swales
Project Number:
Engineer : Claudia S. Vega
Supervising Engineer: Claudia S. Vega
Date: 09-22-2009

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum): 172.50
Water Table Elevation, [WT] (ft datum): 179.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day): 7.50
Fillable Porosity, [n] (%): 25.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day): 5.5
Maximum Area For Unsaturated Infiltration, [Av] (ft²): 5200.0

Geometry Data

Equivalent Pond Length, [L] (ft): 260.0
Equivalent Pond Width, [W] (ft): 20.0
Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft ²)
180.00	4160.0
180.75	4680.0
181.00	4853.0
181.50	5200.0

Discharge Structures

Discharge Structure #1 is active as weir

Structure Parameters

Description: Weir

Weir elevation, (ft datum):	181.35
Weir coefficient:	2.861
Weir length, (ft):	5
Weir exponent:	1.5

Tailwater - disabled, free discharge

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

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Scenario Input Data

Scenario 9 :: Treatment volume

Hydrograph Type: Slug Load
Modflow Routing: Routed with infiltration

Treatment Volume (ft³) 6049

Initial ground water level (ft datum) default, 179.00

<u>Time After Storm Event (days)</u>	<u>Time After Storm Event (days)</u>
0.100	2.000
0.250	2.500
0.500	3.000
1.000	3.500
1.500	4.000

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Sort-By-Category Report

Scenarios Considered: 9

Stage - Maximum

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Stage (ft datum)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	181.311	0.002	Treatment volume

Discharge - Rate - Maximum Positive

<u>Rank</u>	<u>Scenario Number</u>	<u>Maximum Positive Discharge Rate (ft³/s)</u>	<u>Time (hours)</u>	<u>Description</u>
1	9	None	N.A.	Treatment volume

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Detailed Results :: Scenario 9 :: Treatment volume

Elapsed Time (hours)	Inflow Rate (ft ³ /s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft ³ /s)	Overflow Discharge (ft ³ /s)	Cumulative Inflow Volume (ft ³)	Cumulative Infiltration Volume (ft ³)	Cumulative Discharge Volume (ft ³)	Flow Type
0.000	1008.1670	0.0000	179.000	0.00000	0.00000	0.0	0.0	0.0	N.A.
0.002	1008.1670	0.0000	181.311	0.26485	0.00000	6049.0	1.6	0.0	U/P
2.400	0.0000	0.0000	180.764	0.20715	0.00000	6049.0	2667.1	0.0	U/S
6.000	0.0000	0.0000	180.611	0.04565	0.00000	6049.0	3375.8	0.0	S
12.000	0.0000	0.0000	180.466	0.02627	0.00000	6049.0	4036.7	0.0	S
24.000	0.0000	0.0000	180.294	0.01482	0.00000	6049.0	4797.6	0.0	S
36.000	0.0000	0.0000	180.174	0.01050	0.00000	6049.0	5316.9	0.0	S
48.000	0.0000	0.0000	180.082	0.00804	0.00000	6049.0	5705.1	0.0	S
60.000	0.0000	0.0000	180.009	0.00398	0.00000	6049.0	6011.6	0.0	S
72.000	0.0000	0.0000	179.897	0.00043	0.00000	6049.0	6049.0	0.0	S
84.000	0.0000	0.0000	179.809	0.00000	0.00000	6049.0	6049.0	0.0	S
96.000	0.0000	0.0000	179.742	----	----	6049.0	6049.0	0.0	N.A.

