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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR 04 2016
SOUTHWEST DISTRICT
TEMPLE TERRACE

March 4, 2016

Ryan P. Martin, P.E.
Engineering Specialist IV
Permitting and Waste Cleanup Program
Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637

Project: ***Tampa Palms Parcel 38 Subdivision***
Project #: ***PLN-15-015***
Address: ***Tampa Palms Blvd & Asbury Palms Drive – Tampa FL***
Folio #: ***033974-0000***

Dear Mr. Martin:

Please find enclosed the following items in response to the review comment dated September 17, 2015:

- Three (3) sets of Revised Construction Plans;
- Three (3) copies of Stormwater Report Addendum 2;
- Three (3) copies of Basin Revision Exhibit;
- Three (3) copies of "FDEP PROJECT BOUNDARY EXBHIBIT";
- One (1) CD with electronic PDF copy of documents.

Please note, that as a result of relocating lots from the western side to the eastern side, the Grading Plan has been updated and the Stormwater Calculations and model have been updated. See the "Basin Revision Exhibit" which shows the last Basin Map submitted to the FDEP and highlighting what basin areas have changed. Also refer to the Stormwater Report Addendum 2, which shows the new Curve Number Calculations based on the area changes, the new water quality treatment volume for Basin A, and the ICPR input and output results based on these changes.

In addition, the following specific responses are offered to address the agency's comments:

WETLANDS

1. *Department staff conducted a site visit on September 15, 2015, and located wetland areas that were not delineated within the project drawings submitted with the application. Additionally, no documentation was provided concerning the original wetland delineation of the site conducted by Hillsborough County EPC. Please re-assess the site for additional wetland areas, and provide a revised set of drawings that accurately illustrates the boundaries of all wetlands located on the project site. The Department recommends coordinating an on-site wetland assessment with Department staff prior to revising wetland boundaries on the project plans. Please note, based on the final delineated boundaries of these wetland areas, project revisions may be necessary to either eliminate, reduce, or mitigate wetland impacts. [Pursuant to Applicant's Handbook, Volume I, Sections 10.1, 10.2.1, and 10.3]*

RESPONSE: Per email correspondence with Perry Horner, with Horner Environmental Professionals, Inc., a new Project Boundary/Limits of Conservation Area has been established (which will be created by PLAT) and the area known as Wetland 1100 has been removed from the Project. Upland Preservation Areas have also been established and coordinated where no disturbance will occur in those areas. Please see enclosed FDEP PROJECT BOUNDARY EXHIBIT along with revised Construction Plans for more details.

If you have any questions or comments, please do not hesitate to contact me at (813) 215-7372 or via email at matthew@campoengineering.com.

Sincerely,
Campo Engineering, Inc.

Matthew Campo

Matthew D. Campo, P.E.
Principal

cc: File 15-016

Stormwater Report

Addendum 2
(FDEP RE-Submittal)

Tampa Palms Parcel 38 Subdivision

City of Tampa, Florida

Prepared by:

CAMPO ENGINEERING, INC.

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March 4, 2016

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- F. Pre and Post Development Basin Maps
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(*) Note that separate attachments to the Tampa Palms Area 3 Master Stormwater Plan will be included as a separate attachments for reference to this stormwater management plan.

I. Introduction

It is the intent of this report to produce a quality surface water management plan for the project, which satisfies the requirements established by the Florida Department of Environmental Protection (FDEP), Southwest Florida Water Management District (SWFWMD), and the City of Tampa. The proposed Subdivision, which consists of a new 118 lot with the associated sidewalks, roadways, utilities and stormwater infrastructure. It should be noted that a portion of this site is accounted for under a master stormwater system with a balance will of the remainder of the site shall have its own stormwater pond with treatment and attenuation. The existing site includes existing trees, open area with wetlands as shown on the existing condition plan. The wetland areas are to be preserved and not impacted during construction activity.

II. General Information

A. Location

The Tampa Palms Parcel 38 Subdivision Plan is located on Tampa Palms Bouldevard City of Tampa, FL; Section 26, Township 27S, Range 19E, in the City of Tampa, Florida. See the attached Cover Sheet of the Construction Plans for the Location Map.

B. Sewer Service and Water Supply

The City of Tampa Utilities Department will provide water and sewer for the proposed project.

C. Zoning, DRI and Other Permits

1. *Zoning*
   Existing zoning for the site is PD-A (planned development), with a land use designation of Suburban Mixed Use which is compatible with the proposed development.

2. *Other Permits*
   An Environmental Resource Permit through the FDEP and the City of Tampa Incremental Site Plan and Construction Plan Permits will be required.

D. Maintenance of the Stormwater System

The site contains one wet surface pond that will be owned, operated and maintained by the Owner. A regular maintenance program will be implemented for the site in a form similar to the "Operating and Maintenance Instructions" listed below and per notes on the Construction Plans.

1. OPERATION AND MAINTENANCE INSTRUCTIONS

Operation

The project's stormwater management system is a gravity operated system and requires no operator action other than maintenance.

Maintenance

1. Swales: All swales shall be periodically mowed and cleaned. During the mowing operation, swales shall be inspected for bare spots, damage, and erosion. Any bare spots greater than one (1) square foot in area shall be seeded or sodded to replace the grass cover. In case of erosion or damage where underlying soil is missing, the missing soil shall be replaced and the area brought back to grade then seeded or sodded as required.
2. Inlet Grates: Inlet grates will be checked monthly for damage or blockage. Any damaged grates will be replaced or repaired. Any debris blocking full flow through the gate will be removed.
3. Pipes and Inlets: Pipes and inlets will be inspected yearly for damage or blockage. Any damaged pipes or inlets will be repaired or replaced. Any trash, debris, or sand deposits will be removed.
4. Retention Areas: All ponds shall be periodically mowed and cleaned. During the mowing operation, ponds shall be inspected for bare spots, damage, and erosion. Any bare spots greater than one (1) square foot in area shall be seeded or sodded to replace the grass cover. In case of erosion or damage where underlying soil is missing, the missing soil shall be replaced and the area brought back to grade then seeded or sodded as required.

III. Basis of Analysis

The data input to the hydrologic model was developed using methodologies outlined in the U. S. Department of Agriculture Soil Conservation Service's (SCS) Urban Hydrology for Small Watersheds Technical Release 55 (TR-55) manual. Other references used include the Southwest Florida Water Management District's (SWFWMD) Basis of Review and the FDOT Drainage Manual.

The topography survey for the project area was developed by EBI Surveying. Soils data and land use conditions information were obtained from the SCS's Soil Survey for Hillsborough County and on-site observations. In addition, a detail geotechnical investigation with borings and seasonal high water determinations were completed by Arehna Engineering, Inc.

A. Rainfall Intensity Amounts

The 5 year – 24 hour, the mean annual (2.3 year) – 24 hour, 25 year – 24 hour, and 100 year – 24 hour (for the SWFWMD) storm events have been used for pre and post conditions to develop hydrographs for the storm water analysis. Rainfall depths for the SWFWMD storm events were obtained from the Environmental Resource

Permitting Information Manual Part D Project Design Aids. The total rainfall for the storm events analyzed is presented below in Table III-A.

Table III-A
Rainfall Intensity

Event (year)	Amount (inches)
2.3-year/24-hour (FDEP)	4.5
5-year/24-hour (FDEP)	5.8
25-year/24-hour (FDEP)	8.0
100-year/24-hour (FDEP)	11.0

B. Soils

The SCS Soils Manual maps the site within Winder Fine Sand, as well as Wabasso Fine Sand which are type B/D hydrologic soil group. In addition, a detailed geotechnical study has been prepared by Arehna Engineering, Inc., and is located in the Appendix of this report. The geotechnical investigation provides current and actual field conditions for the proposed design.

C. Runoff Curve Number

Curve numbers have been selected from the Curve Number table within TR-55 as noted below.

Table III-C
Pre/Post Development Land Use

Land Use	CN
Existing/Proposed Impervious	98
Open Space – Poor Condition (HSG "D")	89
Open Space – Good Condition (HSG "D")	80
Pond	98
Surface Water	98
Porous Concrete	91

D. Time of Concentration

The pre development Basin A/1100 has time of concentration that was accounted for under the master plan as 15 minutes and the basin 1600E OS time of concentration was calculated to be 38.35 minutes. For the post development conditions, 15 minutes was used as a minimum time of concentration (tc). See time of concentration calculations for more details.

E. Groundwater Conditions

Based on the geotechnical study, the seasonal high groundwater table fluctuates from 1 feet below existing ground elevation. Based on the location of Pond A the average existing elevation is 35.20 calculating to a water table elevation of 34.20. In addition, The majority of the stormwater system will be discharging into the permitted master wetland system 1100. Based on this the approved seasonal high .elevation is 33.47, and the proposed control elevation at Pond A is at elevation 33.55.

F. Hydrograph Development

That hydrologic analysis of the site was performed using the SCS Runoff Method and the Unit Hydrographs as noted in the SFWMD ERP manual.

The Advanced ICPR computer program was used to apply the unit hydrograph method to generate runoff hydrographs from which peak flow rates were then extracted. A dimensionless unit hydrograph with a peak factor of 256 was used for the analysis. The above unit hydrograph was distributed over time using the SWFWMD distribution. The SCS unit hydrograph procedure requires input data describing physical features of each sub-basin in the system including drainage areas, curve numbers, and times of concentration. These parameters are dependent on land use, soils, and topography and are all interrelated.

G. Design Criteria

The existing master stormwater management system has been designed to retain the pre 25 year storm event vs. post runoff volume for the 25 year storm event. In addition, the first 1" of stormwater runoff shall also be retained for treatment. In accordance with the SWFWMD Basis of Review Handbook, the treatment volume shall be discharged in no less than 120 hours and with no more than half the total volume being discharged within the first 60 hours. The allowable discharge for the post development 25-year rainfall event shall be the pre-development 25-year rainfall event in accordance with the Master Permitted Stormwater system. It should be noted that a portion of this site has been accounted for within the Tampa Palms Master Plan for treatment and attenuation. The balance of the site shall have a proposed stand-alone onsite stormwater pond that shall discharge into the master system.

IV. Description of Analysis -

A. Existing Conditions

The existing conditions land use is an undeveloped green space open area in poor condition with trees and wetland areas. Runoff from the site currently broken into four separate basin areas with a portion draining into master wetland systems 1100, 1600, 1000, and 1300. The 1100 wetland is located west of the site and discharges into the wetland 1700 of the Tampa Palms Master System. Wetland 1300 ultimately drains into the same wetland 1700. It should be noted that the Wetland System 1200 and 1300 has been acquired by the FDOT for the SR 75 stormwater management system. The FDOT has constructed berms around these wetlands.

Table IV-A1
Pre Development Conditions Watershed Table & Area Break Down

Basin ID	Area (acres)
Pre-1100	30.42
Pre-900	1.86
Pre 1600E	9.15
Pre1300	5.43
Pre 1600E OS	2.28
Pre P38	5.43
Pre P38R	5.18
Total	59.76

Note: The ultimate discharge comparison is into Wetland 1700. Per the approved master stormwater system model (using the BRN software) the allowable discharge rate into note 1700 is 74.80 cfs. A pre-development ICPR was completed for pre/post comparison and the existing discharge rate is 80.89 cfs.

The drainage areas going to wetlands 1600 and 1000 are accounted for in the mastered system for treatment and attenuation. The permitted CN for basin 1600 is 90 and for basin 1000 is 93.

B. Proposed Conditions

The drainage areas and patterns will remain unchanged in the proposed conditions with the exception of the eastern drainage area going to wetland 1300. This area does not have treatment and attenuation accounted for under the master system and in addition to that it has since been acquired by the FDOT. As a result this portion of the site will be collected and treated in stormwater pond A and discharge into wetland 1100. Ultimately wetland 1100 and wetland 1300 outfall to the same wetland system 1700. Existing discharge rates are maintained into wetland system 1700. The basin A

area will runoff to the proposed wet pond where half the treatment volume will draw down within 60 hours as per the SWFWMD Basis of Review Handbook. See the appendix for calculations.

Table IV-B1
Post Development Conditions Watershed Table & Area Break Down

Basin ID	Area (acres)
Post A	12.35
Post 1600E	5.54
Post 1100B	1.83
Post 1100A	5.25
Post 900A	1.84
Post P38	4.81
Post P38R	5.18
Post 1600E OS	2.28
Post 1100	20.30
Total	59.76

Note: The post development discharge into Wetland 1700 is 74.66 cfs, which does not exceed the pre development discharge rate.

Table IV-B2
Surface Water Management System (SWMS) Design Results

SWMS ID	SHGWT (ft-NAVD)	Pond Bottom (ft-NAVD)	100-YR/24-HR (ft NAVD)	25-YR/24-HR DHW (ft-NAVD)	Top of Bank (ft-NAVD)	Low Pavement Elevation (ft-NAVD)	Overflow Structure
Pond A	33.55	24.00	36.45	35.83	37.45	36.90	CS-A
Sump 1100B	33.47	31.00	35.80	35.38	36.50	38.85	CS-1100B
Sump 1100A	33.47	26.50	35.18	34.91	36.00	38.28	CS-1100A
Sump 900A	34.90	32.00	36.05	35.90	36.50	39.12	CS-900A
Sump 1600E	32.37	22.00	34.28	34.14	35.00	35.30	CS-1600C

Note: The Pond and sumps Top of Bank is at least 1 foot above the 25-Year/24-Hour Peak Stage.

C. <u>100 Year Floodplain</u>

The site lies within the FEMA designated Flood Zone "X", per F.I.R.M. Community Panel #12057C0230H and #12057C0210H, dated August 28, 2008. No 100-year flood elevation exists.

D. Water Quality Treatment

Water quality treatment is currently provided and meets criteria set forth by SWFWMD and FDEP. Silt, oil, and floatable materials will be removed from the runoff via a baffle/skimmer device. The 1 inch of runoff from the contributing drainage basin will be treated within the existing surface water management system via wet detention. A draw down analysis using the SWFWMD draw down analysis approach has been provided in the Appendix to demonstrate compliance and recover of the ½: treatment volume within 60 hours.

E. Wetland Conditions

The existing wetlands and wetland conservation areas within the site have previously been approved and permitted with the Hillsborough County Environmental Protection Commission (HCEPC). The site currently drains into the existing wetlands and will continue to do so prior to treatment and attenuation within the proposed wet detention pond or prior to entering a sediment sump. There are no proposed adverse impacts to the existing wetland since the development and top of bank of the proposed pond shall maintain the minimum setback of 30'.

F. Wetland Hydrology

A Wetland Hydrology analysis was completed for the pre vs. post development volume discharged to each wetland. The wetlands examined include Wetland 900, 1100, 1600, and 800. Please note Wetlands 1200 and 1300 are excluded from the analysis because they are owned now by the FDOT for the SR 75 stormwater management system. The analysis was completed based on the project limits drainage areas that discharge to the systems. It should be noted however that these are master interconnected systems that have additional outside flows. The basin analysis utilized a basin area with basin characteristics including curve number and time of concentration. The basin data and wetland nodes were input into the ICPR model and a time series nodal output was generated to compare pre vs. post volumes entering into each wetland system for the mean annual, 5 year, and 25 year 24 hour storm events. The table below demonstrates there is no decrease in volume greater than a 10% decrease that will hydrate each wetland in the post development condition.

Table IV-F1
Pre Wetland Hydration Volume

Wetland ID	25 YR / 24 HR Volume (Ac-Ft)	2.33 YR / 24 HR Volume (Ac-Ft)	5 YR / 24 HR Volume (Ac-Ft)
900	0.87	0.38	0.87
1100	73.62	64.10	67.64
1600	6.68	3.16	4.46
800	5.81	2.58	3.75

Note: The 25 year 5 year, and mean annual storm events the routing analysis was ended at 24 hours

Table IV-F2
Post Wetland Hydration Volume

Wetland ID	25 YR / 24 HR Volume (Ac-Ft)	2.33 YR / 24 HR Volume (Ac-Ft)	5 YR / 24 HR Volume (Ac-Ft)
900	1.05	0.53	0.72
1100	77.79	65.67	71.46
1600	16.29	11.25	13.13
800	5.73	2.60	3.73

Note: The 25 year 5 year, and mean annual storm events the routing analysis was ended at 24 hours

G. Tailwater Conditions

The existing outfall structure to Wetland 1100 was constructed with weir elevations roughly 6" higher than the approved Master Stormwater Management Plan. This project proposes to lower the weir elevations to the permitted elevations. Refer to the permitted plans and master stormwater system as separate attachment for more details.

V. Appendices

A. CN and TC Calculations

B. Water Quality Calculations & Stage/Storage

C. Orifice Bleed Down Calculations

D. AdICPR Drainage Analysis (Pre Conditions)

E. AdICPR Drainage Analysis (Post Conditions)

F. Pre and Post Development Basin Maps

G. Geotechnical Report

A. CN and TC Calculations

CAMPO
ENGINEERING, INC

Project Name :	Tampa Palms 38 Subdivision
Project Number :	14-036
Date :	03/03/16
Designed by :	MDC

CN Calculations - Pre Development Condition

Pre-Development Basin PRE-1100

Total Drainage Area =	30.42	Acres
CN (*) =	95.00	
TOC (*) =	15.00	min

(*) Notes: CN and TOC taken from Page 8 of Tampa Palms Are 3 Master Stormwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Pre-Development Pre-P38

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	1.901 ac	80	152.11	Open Grass, Good Cond., Type D
Impervious Area	3.531 ac	98	346.05	Asphalt/Vehicular Use
Pond	0.275 ac	98	26.95	Storm Water
Total Area	**5.433 ac**		525.11	**96.66 = Weighted CN**

Pre-Development Pre-P38R

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	1.262 ac	80	100.93	Open Grass, Poor Cond., Type D
Impervious Area	3.370 ac	98	330.23	Asphalt/Vehicular Use
Pond	0.553 ac	98	54.18	Storm Water
Total Area	**5.184 ac**		485.34	**93.62 = Weighted CN**

Pre-Development Basin PRE-1600E

Total Drainage Area =	9.15	Acres
CN (*) =	90.00	
TOC (*) =	15.00	min

(*) Notes: CN and TOC taken from Page 7 of Tampa Palms Are 3 Master Stormwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Pre-Development Basin PRE-1600E-OS

Total Drainage Area =	2.28	Acres
CN (*) =	90.00	
TOC =	38.40	min

(*) Notes: CN taken from Page 7 of Tampa Palms Are 3 Master Stormwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Pre-Development Pre-800

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	11.370 ac	80	909.63	Open Grass, Poor Cond., Type D
Impervious Area	0.000 ac	98	0.00	Asphalt/Vehicular Use
Pond	0.803 ac	98	78.74	Storm Water
Total Area	**12.174 ac**		988.37	**81.19 = Weighted CN**

Pre-Development Basin PRE-900A

Total Drainage Area =	1.86	Acres
CN =	80.00	
TOC (*) =	15.00	min

(*) Notes: TOC taken from Page 8 of Tampa Palms Are 3 Master Stormwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

CN Calculations - Post Development Condition

Post-Development POST-A

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	5.325 ac	80	425.98	Open Grass, Good Cond., Type D
Impervious Area (*)	5.535 ac	98	542.38	Asphalt/Vehicular Use
Pond	1.486 ac	98	145.61	Storm Water
Total Area	**12.345 ac**		1113.98	**90.24 = Weighted CN**

(*) Notes: Impervious Area assumes max. building pad area and driveway size.

Post-Development POST-1600E

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	2.175 ac	80	173.96	Open Grass, Good Cond., Type D
Impervious Area	2.759 ac	98	270.39	Asphalt/Vehicular Use
Pond	0.608 ac	98	59.63	Storm Water
Total Area	**5.542 ac**		503.98	**90.94 = Weighted CN**

(*) Notes: Impervious Area assumes max. building pad area and driveway size.

Post-Development POST-1100B

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	0.897 ac	80	71.72	Open Grass, Good Cond., Type D
Impervious Area	0.867 ac	98	84.95	Asphalt/Vehicular Use
Pond	0.069 ac	98	6.78	Storm Water
Total Area	**1.833 ac**		163.45	**89.19 = Weighted CN**

(*) Notes: Impervious Area assumes max. building pad area and driveway size.

Post-Development POST-1100A

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	2.027 ac	80	162.16	Open Grass, Good Cond., Type D
Impervious Area	3.058 ac	98	299.70	Asphalt/Vehicular Use
Pond	0.170 ac	98	16.63	Storm Water
Total Area	**5.255 ac**		478.49	**91.06 = Weighted CN**

(*) Notes: Impervious Area assumes max. building pad area and driveway size.

CN Calculations - Post Development Condition

Post-Development POST-900A

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	0.738 ac	80	59.02	Open Grass, Good Cond., Type D
Impervious Area	0.973 ac	98	95.38	Asphalt/Vehicular Use
Pond	0.128 ac	98	12.53	Storm Water
Total Area	**1.839 ac**		166.93	**90.78 = Weighted CN**

Post-Development Basin Post-1100

Total Drainage Area =	20.30	Acres
CN (*) =	95.00	
TOC (*) =	15.00	min

(*) Notes: CN and TOC taken from Page 8 of Tampa Palms Are 3 Master Stormwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Post-Development POST-P38R

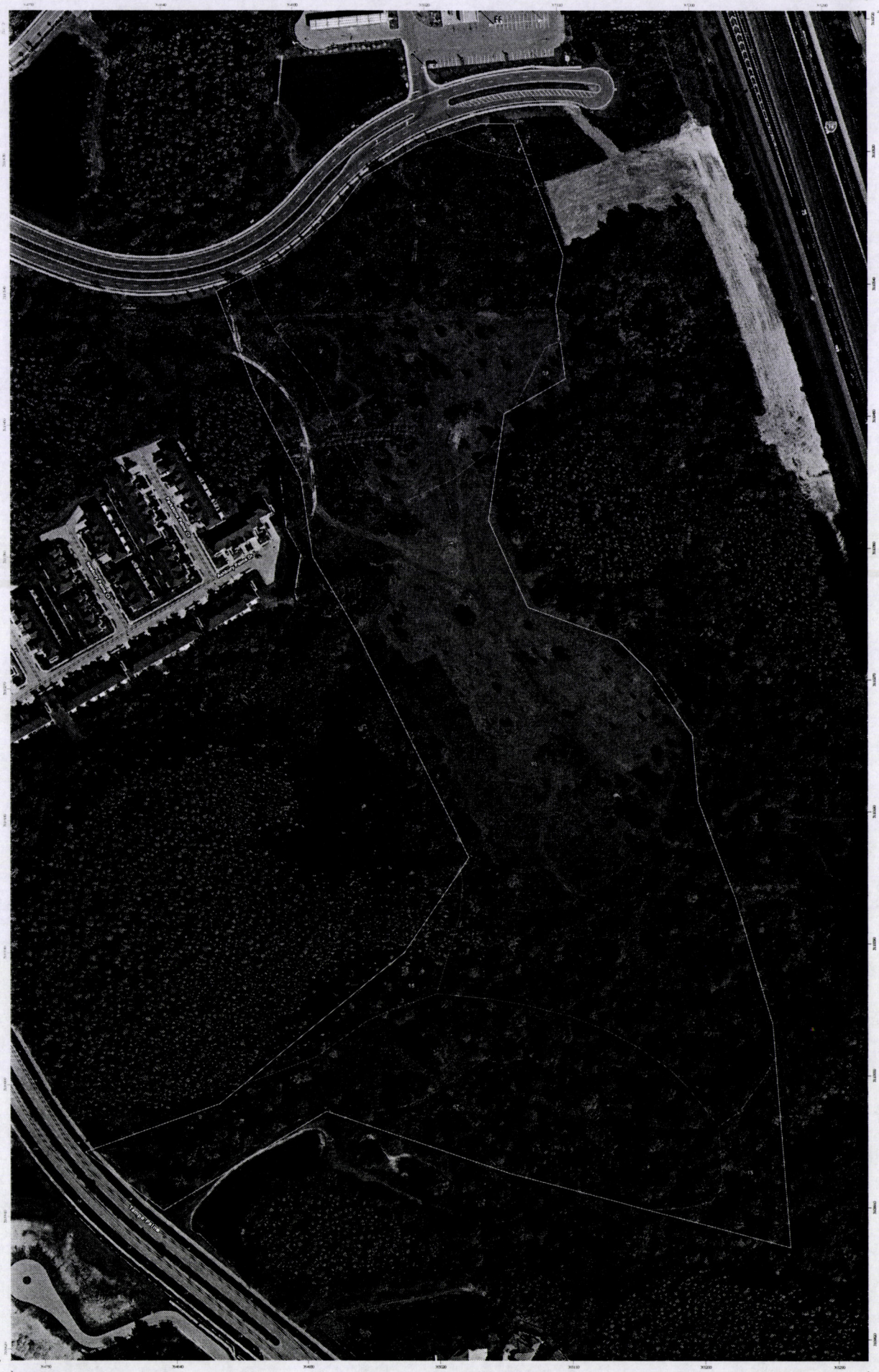
Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	1.262 ac	80	100.93	Open Grass, Poor Cond., Type D
Impervious Area	3.370 ac	98	330.23	Asphalt/Vehicular Use
Pond	0.553 ac	98	54.18	Storm Water
Total Area	**5.184 ac**		485.34	**93.62 = Weighted CN**

Post-Development POST-P38

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	1.278 ac	80	102.27	Open Grass, Poor Cond., Type D
Impervious Area	3.531 ac	98	346.05	Asphalt/Vehicular Use
Pond	0.000 ac	98	0.00	Storm Water
Total Area	**4.810 ac**		448.32	**93.22 = Weighted CN**

Post-Development POST-800

Description	Area (A)	CN	C x A	Cover type & hydrologic cond.
Greenspace Area	9.954 ac	80	796.29	Open Grass, Poor Cond., Type D
Impervious Area	0.000 ac	98	0.00	Asphalt/Vehicular Use
Pond	1.695 ac	98	166.13	Storm Water
Total Area	**11.649 ac**		962.42	**82.62 = Weighted CN**



Map Scale: 1:1,170 if printed on A portrait (8.5" x 11") sheet.

0 15 30 60 90 Meters

0 50 100 200 300 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hillsborough County, Florida
Survey Area Data: Version 11, Dec 17, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 10, 2010—Mar 13, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hillsborough County, Florida (FL057)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
5	Basinger, Holopaw, and Samsula soils, depressional	0.1	0.3%
15	Felda fine sand	2.1	5.8%
29	Myakka fine sand	0.2	0.5%
57	Wabasso fine sand	16.6	44.8%
59	Winder fine sand	17.9	48.5%
Totals for Area of Interest		**36.9**	**100.0%**

Table 2-2a Runoff curve numbers for urban areas [1]

Cover description: Cover type and hydrologic condition	Average percent impervious area [2]	Curve numbers for hydrologic soil group: A	B	C	D
Fully developed urban areas (vegetation established)					
Open space (lawns, parks, golf courses, cemeteries, etc.) [3]:					
Poor condition (grass cover < 50%)		68	79	86	89
Fair condition (grass cover 50% to 75%)		49	69	79	84
Good condition (grass cover > 75%)		39	61	74	80
Impervious areas:					
Paved parking lots, roofs, driveways, etc. (excluding right-of-way)		98	98	98	98
Streets and roads:					
Paved; curbs and storm sewers (excluding right-of-way)		98	98	98	98
Paved; open ditches (including right-of-way)		83	89	92	93
Gravel (including right-of-way)		76	85	89	91
Dirt (including right-of-way)		72	82	87	89
Western desert urban areas:					
Natural desert landscaping (pervious areas only) [4]		63	77	85	88
Artificial desert landscaping (impervious weed barrier, desert shrub with 1- to 2-inch sand or gravel mulch and basin borders)		96	96	96	96
Urban districts:					
Commercial and business	85	89	92	94	95
Industrial	72	81	88	91	93
Residential districts by average lot size:					
1/8 acre or less (town houses)	65	77	85	90	92
1/4 acre	38	61	75	83	87
1/3 acre	30	57	72	81	86
1/2 acre	25	54	70	80	85
1 acre	20	51	68	79	84
2 acres	12	46	65	77	82
Developing urban areas					
Newly graded areas (pervious areas only, no vegetation) [5]		77	86	91	94
Idle lands (CN's are determined using cover types similar to those in table 2-2c).					

[1] Average runoff condition, and $I_a = 0.2S$.

[2] The average percent impervious area shown was used to develop the composite CN's. Other assumptions are as follows: impervious areas are directly connected to the drainage system, impervious areas have a CN of 98, and pervious areas are considered equivalent to open space in good hydrologic condition. CN's for other combinations of conditions may be computed using figure 2-3 or 2-4.

[3] CN's shown are equivalent to those of pasture. Composite CN's may be computed for other combinations of open space cover type.

[4] Composite CN's for natural desert landscaping should be computed using figures 2-3 or 2-4 based on the impervious area percentage (CN = 98) and the pervious area CN. The pervious area CN's are assumed equivalent to desert shrub in poor hydrologic condition.

[5] Composite CN's to use for the design of temporary measures during grading and construction should be computed using figure 2-3 or 2-4 based on the degree of development (impervious area percentage) and the CN's for the newly graded pervious areas.

Time of Concentration

POST	Sheet	0	370	0.00400	n/a	Paved	4.50	0.011	0.092	
A	Shallow Concentrated	0	480	0.00250	2.50	Pipe	4.50	n/a	0.053	
	Open Channel Flow	0	0	0.00001	1.40	Pipe	4.50	n/a	0.000	
								Time of Concentration	**0.15**	<< Use 15 minutes
PRE/POST	Sheet	0	20	0.02000	n/a	Sparse Ground Vegetation	4.50	0.011	0.005	
1600E OS	Shallow Concentrated	0	0	0.00250	2.50	Pipe	4.50	n/a	0.000	
	Open Channel Flow	0	685	0.00500	0.30	Pipe	4.50	n/a	0.634	
								Time of Concentration	**0.64**	<< Use 38.4 minutes
POST	Sheet	0	215	0.00400	n/a	Paved	4.50	0.011	0.060	
900A	Shallow Concentrated	0	210	0.00250	2.50	Pipe	4.50	n/a	0.023	
	Open Channel Flow	0	0	0.00001	1.40	Pipe	4.50	n/a	0.000	
								Time of Concentration	**0.08**	<< Use 15 minutes
POST	Sheet	0	350	0.00400	n/a	Paved	4.50	0.011	0.088	
1100A	Shallow Concentrated	0	600	0.00250	2.50	Pipe	4.50	n/a	0.067	
	Open Channel Flow	0	0	0.00001	1.40	Pipe	4.50	n/a	0.000	
								Time of Concentration	**0.15**	<< Use 15 minutes
POST	Sheet	0	285	0.00400	n/a	Paved	4.50	0.011	0.075	
1100B	Shallow Concentrated	0	182	0.00250	2.50	Pipe	4.50	n/a	0.020	
	Open Channel Flow	0	0	0.00001	1.40	Pipe	4.50	n/a	0.000	
								Time of Concentration	**0.10**	<< Use 15 minutes
POST	Sheet	0	70	0.00400	n/a	Paved	4.50	0.011	0.024	
1600E	Shallow Concentrated	0	810	0.00250	2.50	Pipe	4.50	n/a	0.090	
	Open Channel Flow	0	0	0.00001	1.40	Pipe	4.50	n/a	0.000	
								Time of Concentration	**0.11**	<< Use 15 minutes

B. Water Quality Calculations & Stage/Storage

CAMPO
ENGINEERING, INC

Project Name : Tampa Palms 38 Subdivision
Project Number : 14-036
Date : 03/03/16
Designed by : MDC

Calculate the Required Treatment Volume

1.0" from the post development basin area

Basin 1 Area = 12.345 ac

Treatment Volume = (Total Basin Area (ac) *(1 in) * (1 ft / 12 in))

= **1.0288 ac-ft** Required 1.0833 **Provided @** **34.25**

Calculate the Stage-Storage Information

	Elevation (feet)	Pond Area (sq-ft)	Pond Area (acres)	Volume (cu-ft)	Volume (ac-ft)	Cum. Volume (ac-ft)	Cum. Volume (cu-ft)
Top of Bank	37.45	107324	2.464	97281	2.2333	7.2877	317452
	36.45	87237	2.003	38458	0.8829	5.0545	220172
	36.00	83688	1.921	79781	1.8315	4.1716	181714
	35.00	75874	1.742	54743	1.2567	2.3401	101933
Weir Elev.	**34.25**	**70106**	**1.609**	**47190**	**1.0833**	**1.0833**	**47190**
SHGWT	33.55	64723	1.486	**0**	**0.0000**	**0.0000**	**0**
	33.00	63451	1.457	0	0.0000	0.000	0

Calculate the Required Littoral Zone:

Treatment thickness = **8.4** Inches

Maximum Allowable Treatment height = **18** Inches

Required Littoral Zone = **16.33%** = **10571.42** SF

Provided Littoral Zone = **26948** SF (Area From 1.5' above Control El. To 2' Below)

C. Orifice Bleed Down Calculations

WATER QUALITY BLEEDDOWN ANALYSIS

A. Site Information
B. Cicular Orifice Flow
C. 60 Hour Bleeddown Calculations for Circular Orifice
D. Orifice Flow at DHW
E. Solve for Cicular Orifice Size

A. SITE INFORMATION

SITE AC. =	12.35	ACRES
DER EL =	34.25	FEET
NWL =	33.55	FEET
HEAD =	0.60	FEET
VOLUME =	44,813	CU.FT.
VOLUME =	1.03	AC FT.

B. CIRCULAR ORIFICE FLOW

DIA.,D(IN) =	2.40	INCHES
ORIFICE AREA =	0.0314	SQ.FT.
C VALUE =	0.60	
1/2 VOL TIME =	62.23	HOURS
TOTAL TIME =	212.48	HOURS

HEAD ELEVATION	INCREM. H (FT)	TOTAL H (FT)	FLOW Q	Q AVG	DELTA VOLUME	DELTA HOURS	CUM. HOURS	SQRT(2gH)
34.25		0.60	0.12					6.22
	0.06			0.11	4481.28	10.90		
34.19		0.54	0.11				10.90	5.90
	0.06			0.11	4481.28	11.53		
34.13		0.48	0.10				22.43	5.56
	0.06			0.10	4481.28	12.27		
34.07		0.42	0.10				34.71	5.20
	0.06			0.09	4481.28	13.19		
34.01		0.36	0.09				47.89	4.81
	0.06			0.09	4481.28	14.34		
33.95		0.30	0.08				62.23	4.40
	0.06			0.08	4481.28	15.86		
33.89		0.24	0.07				78.09	3.93
	0.06			0.07	4481.28	18.00		
33.83		0.18	0.06				96.10	3.40
	0.06			0.06	4481.28	21.36		
33.77		0.12	0.05				117.45	2.78
	0.06			0.04	4481.28	27.83		
33.71		0.06	0.04				145.29	1.97
	0.06			0.02	4481.28	67.19		
33.65		0.00	0.00				212.48	0.00

C. 60/120 HOUR BLEEDDOWN CALCULATIONS

SIDE SLOPES = 4.0 TO 1
SURFACE AREA DER = 70,106 SQ. FT.
SURFACE AREA NWL = 63,451 SQ. FT.

CENTRLINE ORIFICE ELEVATION 33.65
TREATMENT VOLUME 46,745

ELEVATION	TOTAL H (FT)	FLOW Q	SQRT(2gH)	SURFACE AREA	DELTA VOLUME	DELTA HOURS	CUM. HOURS
34.25	0.60	0.12	6.22	70106.24	0.00	0.00	0.00
34.24	0.59	0.12	6.16	70063.88	700.85	1.68	1.68
34.23	0.58	0.12	6.11	70021.54	700.43	1.69	3.36
34.22	0.57	0.11	6.06	69979.21	700.00	1.70	5.07
34.21	0.56	0.11	6.01	69936.89	699.58	1.72	6.78
34.20	0.55	0.11	5.95	69894.58	699.16	1.73	8.51
34.19	0.54	0.11	5.90	69852.29	698.73	1.75	10.26
34.18	0.53	0.11	5.84	69810.01	698.31	1.76	12.02
34.17	0.52	0.11	5.79	69767.74	697.89	1.78	13.80
34.16	0.51	0.11	5.73	69725.48	697.47	1.79	15.59
34.15	0.50	0.11	5.67	69683.24	697.04	1.81	17.40
34.14	0.49	0.11	5.62	69641.01	696.62	1.83	19.23
34.13	0.48	0.10	5.56	69598.79	696.20	1.85	21.08
34.12	0.47	0.10	5.50	69556.59	695.78	1.86	22.94
34.11	0.46	0.10	5.44	69514.40	695.35	1.88	24.82
34.10	0.45	0.10	5.38	69472.22	694.93	1.90	26.72
34.09	0.44	0.10	5.32	69430.05	694.51	1.92	28.65
34.08	0.43	0.10	5.26	69387.90	694.09	1.94	30.59
34.07	0.42	0.10	5.20	69345.76	693.67	1.97	32.56
34.06	0.41	0.10	5.14	69303.63	693.25	1.99	34.54
34.05	0.40	0.10	5.08	69261.52	692.83	2.01	36.56
34.04	0.39	0.09	5.01	69219.42	692.40	2.04	38.59
34.03	0.38	0.09	4.95	69177.33	691.98	2.06	40.65
34.02	0.37	0.09	4.88	69135.25	691.56	2.09	42.74
34.01	0.36	0.09	4.81	69093.19	691.14	2.12	44.86
34.00	0.35	0.09	4.75	69051.14	690.72	2.14	47.00
33.99	0.34	0.09	4.68	69009.10	690.30	2.17	49.17
33.98	0.33	0.09	4.61	68967.08	689.88	2.21	51.38
33.97	0.32	0.09	4.54	68925.06	689.46	2.24	53.62
33.96	0.31	0.08	4.47	68883.06	689.04	2.27	55.89
33.95	0.30	0.08	4.40	68841.08	688.62	2.31	58.20
33.94	0.29	0.08	4.32	68799.10	688.20	2.35	60.55
33.93	0.28	0.08	4.25	68757.14	687.78	2.39	62.93
33.92	0.27	0.08	4.17	68715.19	687.36	2.43	65.36
33.91	0.26	0.08	4.09	68673.26	686.94	2.47	67.84
33.90	0.25	0.08	4.01	68631.34	686.52	2.52	70.36
33.89	0.24	0.07	3.93	68589.43	686.10	2.57	72.93
33.88	0.23	0.07	3.85	68547.53	685.68	2.63	75.56
33.87	0.22	0.07	3.76	68505.65	685.27	2.68	78.24
33.86	0.21	0.07	3.68	68463.77	684.85	2.74	80.98
33.85	0.20	0.07	3.59	68421.92	684.43	2.81	83.79
33.84	0.19	0.07	3.50	68380.07	684.01	2.88	86.67
33.83	0.18	0.06	3.40	68338.24	683.59	2.96	89.63
33.82	0.17	0.06	3.31	68296.42	683.17	3.04	92.68
33.81	0.16	0.06	3.21	68254.61	682.76	3.13	95.81
33.80	0.15	0.06	3.11	68212.82	682.34	3.24	99.05
33.79	0.14	0.06	3.00	68171.03	681.92	3.35	102.39
33.78	0.13	0.05	2.89	68129.26	681.50	3.47	105.86
33.77	0.12	0.05	2.78	68087.51	681.08	3.61	109.47
33.76	0.11	0.05	2.66	68045.77	680.67	3.77	113.24
33.75	0.10	0.05	2.54	68004.03	680.25	3.95	117.19
33.74	0.09	0.05	2.41	67962.32	679.83	4.16	121.35
33.73	0.08	0.04	2.27	67920.61	679.41	4.41	125.77
33.72	0.07	0.04	2.12	67878.92	679.00	4.71	130.48
33.71	0.06	0.04	1.97	67837.24	678.58	5.09	135.56
33.70	0.05	0.03	1.79	67795.57	678.16	5.57	141.13

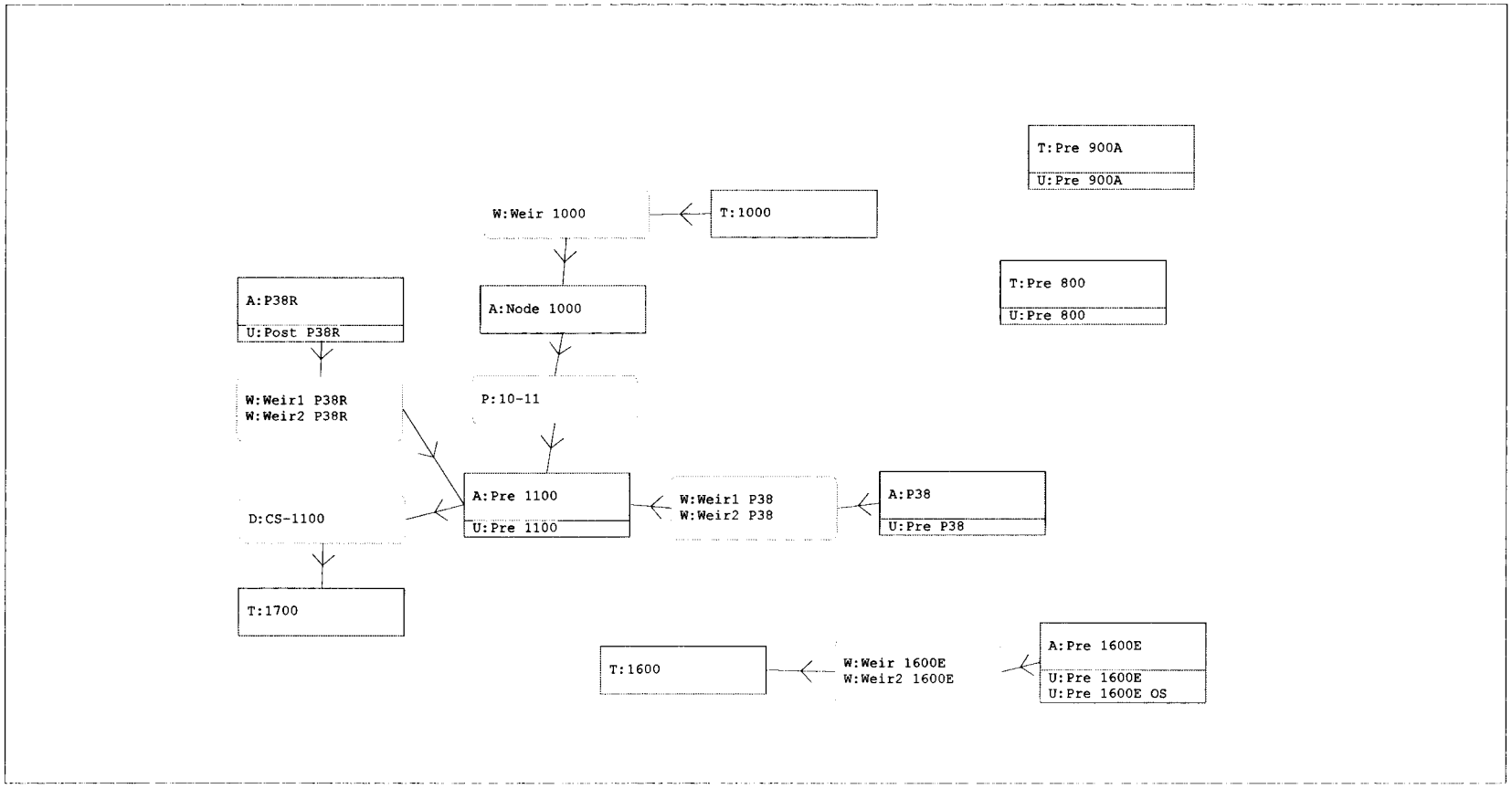
D. AdICPR Drainage Analysis (Pre Conditions)

Nodial Diagram

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



PRE Node Min-Max

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
1000	BASE	100YR24HR	13.50	35.84	36.87	-0.0000	0	0.00	0.00	11.36	48.91
1600	BASE	100YR24HR	12.80	33.90	35.03	-0.0000	0	12.26	54.17	0.00	0.00
1700	BASE	100YR24HR	12.00	33.91	35.00	0.0001	0	13.25	94.49	0.00	0.00
Node 1000	BASE	100YR24HR	13.50	35.74	34.48	0.1320	182	11.36	48.91	11.36	48.90
P38	BASE	100YR24HR	12.30	35.21	35.67	0.0004	18258	12.00	28.47	12.21	25.18
P38R	BASE	100YR24HR	12.44	35.17	35.67	0.0004	28872	12.00	26.83	12.27	21.07
Pre 1100	BASE	100YR24HR	13.07	35.10	35.43	0.0002	797842	12.04	241.43	13.25	94.49
Pre 1600E	BASE	100YR24HR	12.27	34.29	35.00	0.0005	34425	12.00	56.75	12.26	54.17
Pre 800	BASE	100YR24HR	12.00	35.97	37.50	0.0000	0	12.00	56.14	0.00	0.00
Pre 900A	BASE	100YR24HR	12.00	34.90	36.50	0.0000	0	12.00	8.44	0.00	0.00
1000	BASE	25YR24HR	13.50	35.84	36.87	-0.0000	0	0.00	0.00	11.50	50.16
1600	BASE	25YR24HR	12.80	33.90	35.03	-0.0000	0	12.25	38.52	0.00	0.00
1700	BASE	25YR24HR	12.00	33.91	35.00	0.0001	0	13.44	80.89	0.00	0.00
Node 1000	BASE	25YR24HR	13.50	35.72	34.48	0.1320	182	11.50	50.16	11.50	50.15
P38	BASE	25YR24HR	12.31	35.00	35.67	0.0003	17726	12.00	20.62	12.21	17.94
P38R	BASE	25YR24HR	12.44	34.95	35.67	0.0003	28249	12.00	19.26	12.28	14.85
Pre 1100	BASE	25YR24HR	13.14	34.89	35.43	0.0002	793303	12.05	188.41	13.44	80.89
Pre 1600E	BASE	25YR24HR	12.27	34.12	35.00	0.0005	33683	12.00	40.09	12.25	38.52
Pre 800	BASE	25YR24HR	12.00	35.97	37.50	0.0000	0	12.00	37.72	0.00	0.00
Pre 900A	BASE	25YR24HR	12.00	34.90	36.50	0.0000	0	12.00	5.63	0.00	0.00
1000	BASE	5YR24HR	13.50	35.84	36.87	-0.0000	0	0.00	0.00	11.56	51.15
1600	BASE	5YR24HR	12.80	33.90	35.03	-0.0000	0	12.25	26.72	0.00	0.00
1700	BASE	5YR24HR	12.00	33.91	35.00	0.0001	0	13.81	70.91	0.00	0.00
Node 1000	BASE	5YR24HR	13.50	35.71	34.48	0.1320	182	11.56	51.15	11.56	51.14
P38	BASE	5YR24HR	12.32	34.82	35.67	0.0003	17289	12.00	14.85	12.24	12.80
P38R	BASE	5YR24HR	12.46	34.78	35.67	0.0002	27754	12.00	13.66	12.31	10.20
Pre 1100	BASE	5YR24HR	13.24	34.74	35.43	0.0001	789923	12.06	149.24	13.81	70.91
Pre 1600E	BASE	5YR24HR	12.28	34.01	35.00	0.0005	33239	12.00	27.73	12.25	26.72
Pre 800	BASE	5YR24HR	12.00	35.97	37.50	0.0000	0	12.00	24.28	0.00	0.00
Pre 900A	BASE	5YR24HR	12.00	34.90	36.50	0.0000	0	12.00	3.58	0.00	0.00
1000	BASE	Mean Annual	13.50	35.84	36.87	-0.0000	0	0.00	0.00	11.62	51.66
1600	BASE	Mean Annual	12.80	33.90	35.03	-0.0000	0	12.25	19.61	0.00	0.00
1700	BASE	Mean Annual	12.00	33.91	35.00	0.0001	0	14.23	65.35	0.00	0.00
Node 1000	BASE	Mean Annual	13.50	35.70	34.48	0.1320	182	11.62	51.66	11.62	51.65
P38	BASE	Mean Annual	12.32	34.71	35.67	0.0002	17009	12.00	11.41	12.25	9.76
P38R	BASE	Mean Annual	12.56	34.66	35.67	0.0003	27427	12.00	10.32	12.35	7.10
Pre 1100	BASE	Mean Annual	13.42	34.64	35.43	0.0001	787921	12.10	125.12	14.23	65.35
Pre 1600E	BASE	Mean Annual	12.30	33.96	35.00	0.0005	33032	12.00	20.37	12.25	19.61
Pre 800	BASE	Mean Annual	12.00	35.97	37.50	0.0000	0	12.00	16.53	0.00	0.00
Pre 900A	BASE	Mean Annual	12.00	34.90	36.50	0.0000	0	12.25	2.42	0.00	0.00

```
            Basin Name: Post P38R
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: P38R
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.184
  Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 28.77
    Runoff Volume (in): 10.219
   Runoff Volume (ft3): 192300


--------------------------------------------------------------------------------

            Basin Name: Pre 1100
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Pre 1100
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 30.420
  Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

        Time Max (hrs): 12.07
        Flow Max (cfs): 169.82
    Runoff Volume (in): 10.389
   Runoff Volume (ft3): 1147220


--------------------------------------------------------------------------------

            Basin Name: Pre 1600E
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Pre 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 10.220
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 55.58
    Runoff Volume (in): 9.767
   Runoff Volume (ft3): 362350


--------------------------------------------------------------------------------

            Basin Name: Pre 1600E OS
            Group Name: BASE
```

```
            Simulation: 100YR24HR
             Node Name: Pre 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 5.12
   Comp Time Inc (min): 5.00
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 38.40
      Time Shift (hrs): 0.00
             Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.33
        Flow Max (cfs): 7.72
    Runoff Volume (in): 9.762
   Runoff Volume (ft3): 80797


------------------------------------------------------------------------------

            Basin Name: Pre 800
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Pre 800
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 12.170
  Vol of Unit Hyd (in): 1.000
          Curve Number: 81.190
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 61.01
    Runoff Volume (in): 8.635
   Runoff Volume (ft3): 381448


------------------------------------------------------------------------------

            Basin Name: Pre 900A
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Pre 900A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 1.860
  Vol of Unit Hyd (in): 1.000
          Curve Number: 80.000
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 9.19
    Runoff Volume (in): 8.478
   Runoff Volume (ft3): 57241


------------------------------------------------------------------------------

            Basin Name: Pre P38
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: P38
```

```
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
          Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.433
  Vol of Unit Hyd (in): 1.000
          Curve Number: 96.660
              DCIA (%): 0.000

         Time Max (hrs): 12.07
        Flow Max (cfs): 30.49
    Runoff Volume (in): 10.592
   Runoff Volume (ft3): 208901


--------------------------------------------------------------------------------

            Basin Name: Post P38R
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: P38R
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
          Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.184
  Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 20.69
    Runoff Volume (in): 7.234
   Runoff Volume (ft3): 136131


--------------------------------------------------------------------------------

            Basin Name: Pre 1100
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: Pre 1100
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
          Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 30.420
  Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 122.58
    Runoff Volume (in): 7.399
   Runoff Volume (ft3): 817012


--------------------------------------------------------------------------------

            Basin Name: Pre 1600E
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: Pre 1600E
            Basin Type: SCS Unit Hydrograph
```

```
       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 10.220
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
               DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 39.43
    Runoff Volume (in): 6.803
   Runoff Volume (ft3): 252391


--------------------------------------------------------------------------------

             Basin Name: Pre 1600E OS
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: Pre 1600E
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 5.12
    Comp Time Inc (min): 5.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
     Time of Conc (min): 38.40
       Time Shift (hrs): 0.00
              Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
               DCIA (%): 0.000

        Time Max (hrs): 12.33
        Flow Max (cfs): 5.46
    Runoff Volume (in): 6.800
   Runoff Volume (ft3): 56278


--------------------------------------------------------------------------------

             Basin Name: Pre 800
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: Pre 800
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 12.170
  Vol of Unit Hyd (in): 1.000
          Curve Number: 81.190
               DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 41.33
    Runoff Volume (in): 5.763
   Runoff Volume (ft3): 254577


--------------------------------------------------------------------------------

             Basin Name: Pre 900A
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: Pre 900A
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
```

```
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 1.860
   Vol of Unit Hyd (in): 1.000
          Curve Number: 80.000
               DCIA (%): 0.000

         Time Max (hrs): 12.10
         Flow Max (cfs): 6.18
     Runoff Volume (in): 5.623
    Runoff Volume (ft3): 37966


--------------------------------------------------------------------------------

             Basin Name: Pre P38
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: P38
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.433
   Vol of Unit Hyd (in): 1.000
          Curve Number: 96.660
               DCIA (%): 0.000

         Time Max (hrs): 12.07
         Flow Max (cfs): 22.09
     Runoff Volume (in): 7.597
    Runoff Volume (ft3): 149831


--------------------------------------------------------------------------------

             Basin Name: Post P38R
             Group Name: BASE
             Simulation: 5YR24HR
              Node Name: P38R
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 5.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.184
   Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
               DCIA (%): 0.000

         Time Max (hrs): 12.10
         Flow Max (cfs): 14.71
     Runoff Volume (in): 5.054
    Runoff Volume (ft3): 95100


--------------------------------------------------------------------------------

             Basin Name: Pre 1100
             Group Name: BASE
             Simulation: 5YR24HR
              Node Name: Pre 1100
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
```

```
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
            Area (ac): 30.420
  Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 87.75
    Runoff Volume (in): 5.211
   Runoff Volume (ft3): 575444


-------------------------------------------------------------------------------

            Basin Name: Pre 1600E
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: Pre 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
            Area (ac): 10.220
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 27.45
    Runoff Volume (in): 4.650
   Runoff Volume (ft3): 172496


-------------------------------------------------------------------------------

            Basin Name: Pre 1600E OS
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: Pre 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 5.12
  Comp Time Inc (min): 5.00
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 38.40
      Time Shift (hrs): 0.00
            Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.33
        Flow Max (cfs): 3.78
    Runoff Volume (in): 4.647
   Runoff Volume (ft3): 38463


-------------------------------------------------------------------------------

            Basin Name: Pre 800
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: Pre 800
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
```

```
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 12.170
   Vol of Unit Hyd (in): 1.000
          Curve Number: 81.190
              DCIA (%): 0.000

         Time Max (hrs): 12.10
         Flow Max (cfs): 26.92
     Runoff Volume (in): 3.720
    Runoff Volume (ft3): 164335


-------------------------------------------------------------------------------

             Basin Name: Pre 900A
             Group Name: BASE
             Simulation: 5YR24HR
              Node Name: Pre 900A
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
           Rainfall File: Flmod
   Rainfall Amount (in): 5.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 1.860
   Vol of Unit Hyd (in): 1.000
          Curve Number: 80.000
              DCIA (%): 0.000

         Time Max (hrs): 12.10
         Flow Max (cfs): 3.98
     Runoff Volume (in): 3.600
    Runoff Volume (ft3): 24307


-------------------------------------------------------------------------------

             Basin Name: Pre P38
             Group Name: BASE
             Simulation: 5YR24HR
              Node Name: P38
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
           Rainfall File: Flmod
   Rainfall Amount (in): 5.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.433
   Vol of Unit Hyd (in): 1.000
          Curve Number: 96.660
              DCIA (%): 0.000

         Time Max (hrs): 12.10
         Flow Max (cfs): 15.92
     Runoff Volume (in): 5.403
    Runoff Volume (ft3): 106560


-------------------------------------------------------------------------------

             Basin Name: Post P38R
             Group Name: BASE
             Simulation: Mean Annual
              Node Name: P38R
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
           Rainfall File: Flmod
   Rainfall Amount (in): 4.500
   Storm Duration (hrs): 24.00
                 Status: Onsite
```

```
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
               Area (ac): 5.184
   Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 11.15
     Runoff Volume (in): 3.773
    Runoff Volume (ft3): 71000


--------------------------------------------------------------------------------

             Basin Name: Pre 1100
             Group Name: BASE
             Simulation: Mean Annual
              Node Name: Pre 1100
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 4.500
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
               Area (ac): 30.420
   Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 67.01
     Runoff Volume (in): 3.923
    Runoff Volume (ft3): 433238


--------------------------------------------------------------------------------

             Basin Name: Pre 1600E
             Group Name: BASE
             Simulation: Mean Annual
              Node Name: Pre 1600E
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 4.500
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
               Area (ac): 10.220
   Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 20.31
     Runoff Volume (in): 3.395
    Runoff Volume (ft3): 125935


--------------------------------------------------------------------------------

             Basin Name: Pre 1600E OS
             Group Name: BASE
             Simulation: Mean Annual
              Node Name: Pre 1600E
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 5.12
    Comp Time Inc (min): 5.00
          Rainfall File: Flmod
   Rainfall Amount (in): 4.500
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 38.40
       Time Shift (hrs): 0.00
```

```
            Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

       Time Max (hrs): 12.33
       Flow Max (cfs): 2.79
   Runoff Volume (in): 3.393
  Runoff Volume (ft3): 28081
```

```
           Basin Name: Pre 800
           Group Name: BASE
           Simulation: Mean Annual
            Node Name: Pre 800
           Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: Uh256
       Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
       Rainfall File: Flmod
 Rainfall Amount (in): 4.500
 Storm Duration (hrs): 24.00
               Status: Onsite
  Time of Conc (min): 15.00
    Time Shift (hrs): 0.00
            Area (ac): 12.170
  Vol of Unit Hyd (in): 1.000
          Curve Number: 81.190
              DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 18.55
   Runoff Volume (in): 2.564
  Runoff Volume (ft3): 113261
```

```
           Basin Name: Pre 900A
           Group Name: BASE
           Simulation: Mean Annual
            Node Name: Pre 900A
           Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: Uh256
       Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
       Rainfall File: Flmod
 Rainfall Amount (in): 4.500
 Storm Duration (hrs): 24.00
               Status: Onsite
  Time of Conc (min): 15.00
    Time Shift (hrs): 0.00
            Area (ac): 1.860
  Vol of Unit Hyd (in): 1.000
          Curve Number: 80.000
              DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 2.72
   Runoff Volume (in): 2.461
  Runoff Volume (ft3): 16614
```

```
           Basin Name: Pre P38
           Group Name: BASE
           Simulation: Mean Annual
            Node Name: P38
           Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: Uh256
       Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
       Rainfall File: Flmod
 Rainfall Amount (in): 4.500
 Storm Duration (hrs): 24.00
               Status: Onsite
  Time of Conc (min): 15.00
    Time Shift (hrs): 0.00
            Area (ac): 5.433
  Vol of Unit Hyd (in): 1.000
```

```
          Curve Number: 96.660
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 12.25
  Runoff Volume (in): 4.109
Runoff Volume (ft3): 81036
```

==========

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

==========

Name: Post P38R | Node: P38R | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 15.00
Area(ac): 5.184 | Time Shift(hrs): 0.00
Curve Number: 93.62 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Basin Break Down taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 7 of record drawings for details.
Minimum TOC of 15 min for Developed Site.

Name: Pre 1100 | Node: Pre 1100 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 15.00
Area(ac): 30.420 | Time Shift(hrs): 0.00
Curve Number: 95.00 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

CN and TOC taken from Page 8 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Name: Pre 1600E | Node: Pre 1600E | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 15.00
Area(ac): 10.220 | Time Shift(hrs): 0.00
Curve Number: 90.00 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

CN and TOC taken from Page 7 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Name: Pre 1600E OS | Node: Pre 1600E | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 0.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 38.40
Area(ac): 2.280 | Time Shift(hrs): 0.00
Curve Number: 90.00 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

CN taken from Page 7 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9.

Refer to calculations for TOC of 38.4 min.

Name: Pre 800 | Node: Pre 800 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 15.00
Area(ac): 12.170 | Time Shift(hrs): 0.00
Curve Number: 81.19 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Pre 900A | Node: Pre 900A | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 | Peaking Factor: 256.0
Rainfall File: Flmod | Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 | Time of Conc(min): 15.00
Area(ac): 1.860 | Time Shift(hrs): 0.00
Curve Number: 80.00 | Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Pre P38 | Node: P38 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

```
       Unit Hydrograph: Uh256                  Peaking Factor: 256.0
         Rainfall File: Flmod              Storm Duration(hrs): 24.00
   Rainfall Amount(in): 4.500                Time of Conc(min): 15.00
          Area(ac): 5.433                     Time Shift(hrs): 0.00
       Curve Number: 96.66                Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00
```

Basin Break Down taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 7 of record drawings for details.
Minimum TOC of 15 min for Developed Site.

==========
==== Nodes ==========
==========

```
     Name: 1000              Base Flow(cfs): 0.000         Init Stage(ft): 34.170
    Group: BASE                                           Warn Stage(ft): 36.870
     Type: Time/Stage
```

Peak Stage and time of peak for Wetland 1800 taken from Page 60 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associa
Note that Wetland 1000 and 1800 are combined stage storage volumes per Page 20 of Master Stormwater Report.
Initial Stage for Wetland 1800 Taken from Page 20 for Master Stormwater Report.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Time(hrs)	Stage(ft)
0.00	34.170
13.50	35.840
24.00	34.170

```
     Name: 1600              Base Flow(cfs): 0.000         Init Stage(ft): 32.910
    Group: BASE                                           Warn Stage(ft): 35.030
     Type: Time/Stage
```

Peak Stage from Page 45 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9.
Initial Stage from Page 131 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9.

Time(hrs)	Stage(ft)
0.00	32.910
12.80	33.900
24.00	32.910

```
     Name: 1700              Base Flow(cfs): 0.000         Init Stage(ft): 31.540
    Group: BASE                                           Warn Stage(ft): 35.000
     Type: Time/Stage
```

Initial Stage taken from Page 129 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-2797
Peak Stage Set at Crown of Pipe: Pipe Inv. = 31.08 + 34" tall Pipe = 33.91

Time(hrs)	Stage(ft)
0.00	31.540
12.00	33.910
24.00	31.540

```
     Name: Node 1000         Base Flow(cfs): 0.000         Init Stage(ft): 30.170
    Group: BASE                                           Warn Stage(ft): 34.480
     Type: Stage/Area
```

"Dummy Node"
Data taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
30.170	0.0017
34.480	0.0018

```
     Name: P38               Base Flow(cfs): 0.000         Init Stage(ft): 33.470
    Group: BASE                                           Warn Stage(ft): 35.670
     Type: Stage/Area
```

Stage Storage taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 7 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
32.170	0.1990
33.170	0.2500
34.170	0.3590

35.170	0.4170
35.670	0.4470

Name: P38R Base Flow(cfs): 0.000 Init Stage(ft): 33.470
Group: BASE Warn Stage(ft): 35.670
Type: Stage/Area

Stage Storage taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 7 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
29.170	0.3010
30.170	0.3560
31.170	0.4130
32.170	0.4720
33.170	0.5330
33.470	0.5530
34.170	0.5970
35.170	0.6630
35.670	0.6970

Name: Pre 1100 Base Flow(cfs): 0.000 Init Stage(ft): 33.470
Group: BASE Warn Stage(ft): 35.430
Type: Stage/Area

Stage Storage Areas taken from Page 21 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29

Stage(ft)	Area(ac)
29.000	10.0000
33.270	16.1000
33.470	16.3000
34.470	18.0000
35.470	18.5000

Name: Pre 1600E Base Flow(cfs): 0.000 Init Stage(ft): 32.370
Group: BASE Warn Stage(ft): 35.000
Type: Stage/Area

Initial Stage from Page 16 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Stage(ft)	Area(ac)
32.000	0.5780
32.370	0.6080
33.000	0.6690
34.000	0.7620
35.000	0.8580

Name: Pre 800 Base Flow(cfs): 0.000 Init Stage(ft): 35.870
Group: BASE Warn Stage(ft): 37.500
Type: Time/Stage

Initial Stage Set Per Seasonal High Marked on page 6 of 68 Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Time(hrs)	Stage(ft)
0.00	35.870
12.00	35.970
24.00	35.870

Name: Pre 900A Base Flow(cfs): 0.000 Init Stage(ft): 34.740
Group: BASE Warn Stage(ft): 36.500
Type: Time/Stage

Initial Stage of Wetland 900 per Seasonal High Elevation sheet 5 of 68 of Tampa Palms Area 3 Roadways Plans by Heidt and Associa
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Time(hrs)	Stage(ft)
0.00	34.740
12.00	34.900
24.00	34.740

==========
==== Cross Sections ==========
==========

Name: Weir 1 Group: BASE
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	35.000	0.150000
126.000	35.620	0.150000
212.000	35.310	0.150000
327.000	35.620	0.150000
451.000	35.310	0.150000
496.000	35.280	0.150000
515.000	37.300	0.150000

==== Pipes ====

Name: 10-11 | From Node: Node 1000 | Length(ft): 459.00
Group: BASE | To Node: Pre 1100 | Count: 2
Friction Equation: Average Conveyance

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Automatic
Span(in):	36.00	36.00	Flow:	Both
Rise(in):	36.00	36.00	Entrance Loss Coef:	1.00
Invert(ft):	30.170	29.170	Exit Loss Coef:	0.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	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

Pipe Data taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 8 and 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

==== Drop Structures ====

Name: CS-1100 | From Node: Pre 1100 | Length(ft): 154.00
Group: BASE | To Node: 1700 | Count: 2

	UPSTREAM	DOWNSTREAM		
			Friction Equation:	Average Conveyance
Geometry:	Circular	Circular	Solution Algorithm:	Automatic
Span(in):	53.00	53.00	Flow:	Both
Rise(in):	34.00	34.00	Entrance Loss Coef:	1.000
Invert(ft):	31.790	31.080	Exit Loss Coef:	0.000
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	Solution Incs:	10

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

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

Weir Dimensions are modeled as their original permitted conditions to established allowable discharge rates and permitted peak s
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

*** Weir 1 of 3 for Drop Structure CS-1100 ***

TABLE

Count: 1 | Bottom Clip(in): 0.000
Type: Vertical: Mavis | Top Clip(in): 0.000
Flow: Both | Weir Disc Coef: 3.200
Geometry: Rectangular | Orifice Disc Coef: 0.600

Span(in): 24.00 | Invert(ft): 33.270
Rise(in): 2.40 | Control Elev(ft): 33.270

*** Weir 2 of 3 for Drop Structure CS-1100 ***

TABLE

Count: 1 | Bottom Clip(in): 0.000
Type: Vertical: Mavis | Top Clip(in): 0.000
Flow: Both | Weir Disc Coef: 3.200
Geometry: Rectangular | Orifice Disc Coef: 0.600

Span(in): 216.00 | Invert(ft): 33.470
Rise(in): 21.96 | Control Elev(ft): 33.470

*** Weir 3 of 3 for Drop Structure CS-1100 ***

TABLE

Count: 1 | Bottom Clip(in): 0.000
Type: Horizontal | Top Clip(in): 0.000

```
                Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Rectangular          Orifice Disc Coef: 0.600

            Span(in): 158.00                      Invert(ft): 35.300
            Rise(in): 36.00                 Control Elev(ft): 35.300


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

        Name: Weir 1000           From Node: 1000
       Group: BASE                  To Node: Node 1000
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 283.20
                  Rise(in): 999.00
                Invert(ft): 34.480
     Control Elevation(ft): 34.480
                                        TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

--------------------------------------------------------------------------------
        Name: Weir 1600E          From Node: Pre 1600E
       Group: BASE                  To Node: 1600
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 120.00
                  Rise(in): 31.56
                Invert(ft): 32.370
     Control Elevation(ft): 32.340
                                        TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

For Weir Dimensions, Refer to sheet 31 of 68 of Tampa Palms Area 3 Roadways Plans by Heidt and Associates, Inc. FDEP ERP # 29-27
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

--------------------------------------------------------------------------------
        Name: Weir1 P38           From Node: P38
       Group: BASE                  To Node: Pre 1100
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 120.00
                  Rise(in): 12.00
                Invert(ft): 34.170
     Control Elevation(ft): 34.170
                                        TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

--------------------------------------------------------------------------------
        Name: Weir1 P38R          From Node: P38R
       Group: BASE                  To Node: Pre 1100
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 120.00
                  Rise(in): 12.00
                Invert(ft): 34.170
     Control Elevation(ft): 34.170
                                        TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

--------------------------------------------------------------------------------
        Name: Weir2 1600E         From Node: Pre 1600E
```

```
       Group: BASE                To Node: 1600
        Flow: Both                  Count: 1
        Type: Vertical: Mavis     Geometry: Rectangular

                  Span(in): 3600.00
                  Rise(in): 999.00
                Invert(ft): 35.000
     Control Elevation(ft): 35.000
                                      TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

For Weir Dimensions, Refer to sheet 31 of 68 of Tampa Palms Area 3 Roadways Plans by Heidt and Associates, Inc. FDEP ERP # 29-27
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

------------------------------------------------------------------------------------------------
        Name: Weir2 P38          From Node: P38
       Group: BASE                To Node: Pre 1100
        Flow: Both                  Count: 1
        Type: Vertical: Mavis     Geometry: Rectangular

                  Span(in): 216.00
                  Rise(in): 999.00
                Invert(ft): 35.170
     Control Elevation(ft): 35.170
                                      TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

------------------------------------------------------------------------------------------------
        Name: Weir2 P38R         From Node: P38R
       Group: BASE                To Node: Pre 1100
        Flow: Both                  Count: 1
        Type: Vertical: Mavis     Geometry: Rectangular

                  Span(in): 216.00
                  Rise(in): 999.00
                Invert(ft): 35.170
     Control Elevation(ft): 35.170
                                      TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
       Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

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

        Name: 100YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\100YR24HR.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 11.00

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

------------------------------------------------------------------------------------------------
        Name: 25YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\25YR24HR.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 8.00

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

------------------------------------------------------------------------------------------------
        Name: 5YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\5YR24HR.R32

     Override Defaults: Yes
```

```
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 5.80

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

-------------------------------------------------------------------------------------------------
         Name: Mean Annual
     Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\Mean Annual.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 4.50

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

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

         Name: 100YR24HR           Hydrology Sim: 100YR24HR
     Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\100YR24HR.I32

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

       Max Delta Z(ft): 1.00                     Delta Z Factor: 0.00100
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                     End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000              Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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


-------------------------------------------------------------------------------------------------
         Name: 25YR24HR            Hydrology Sim: 25YR24HR
     Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\25YR24HR.I32

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

       Max Delta Z(ft): 1.00                     Delta Z Factor: 0.00100
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                     End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000              Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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


-------------------------------------------------------------------------------------------------
         Name: 5YR24HR             Hydrology Sim: 5YR24HR
     Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\5YR24HR.I32

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

       Max Delta Z(ft): 1.00                     Delta Z Factor: 0.00500
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                     End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000              Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
```

24.000 15.000

Group	Run
BASE	Yes

Name: Mean Annual Hydrology Sim: Mean Annual
Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Pre\Mean Annual.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00100
Time Step Optimizer: 5.000
Start Time(hrs): 0.000 End Time(hrs): 120.00
Min Calc Time(sec): 1.0000 Max Calc Time(sec): 1.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
120.000	15.000

Group	Run
BASE	Yes

PRE Node Time Series

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
25YR24HR	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
25YR24HR	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
25YR24HR	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
25YR24HR	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
25YR24HR	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
25YR24HR	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
25YR24HR	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
25YR24HR	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
25YR24HR	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
25YR24HR	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
25YR24HR	1600	BASE	2.50	33.10	35.03	0	-0.62	0.00	-0.4670	0.0000
25YR24HR	1600	BASE	2.75	33.12	35.03	0	-0.59	0.00	-0.4796	0.0000
25YR24HR	1600	BASE	3.00	33.14	35.03	0	-0.55	0.00	-0.4914	0.0000
25YR24HR	1600	BASE	3.25	33.16	35.03	0	-0.49	0.00	-0.5022	0.0000
25YR24HR	1600	BASE	3.50	33.18	35.03	0	-0.43	0.00	-0.5117	0.0000
25YR24HR	1600	BASE	3.75	33.20	35.03	0	-0.37	0.00	-0.5201	0.0000
25YR24HR	1600	BASE	4.00	33.22	35.03	0	-0.32	0.00	-0.5272	0.0000
25YR24HR	1600	BASE	4.25	33.24	35.03	0	-0.25	0.00	-0.5331	0.0000
25YR24HR	1600	BASE	4.50	33.26	35.03	0	-0.18	0.00	-0.5375	0.0000
25YR24HR	1600	BASE	4.75	33.28	35.03	0	-0.11	0.00	-0.5405	0.0000
25YR24HR	1600	BASE	5.00	33.30	35.03	0	-0.06	0.00	-0.5423	0.0000
25YR24HR	1600	BASE	5.25	33.32	35.03	0	0.01	0.00	-0.5428	0.0000
25YR24HR	1600	BASE	5.50	33.34	35.03	0	0.07	0.00	-0.5419	0.0000
25YR24HR	1600	BASE	5.75	33.35	35.03	0	0.13	0.00	-0.5398	0.0000
25YR24HR	1600	BASE	6.00	33.37	35.03	0	0.18	0.00	-0.5366	0.0000
25YR24HR	1600	BASE	6.25	33.39	35.03	0	0.27	0.00	-0.5320	0.0000
25YR24HR	1600	BASE	6.50	33.41	35.03	0	0.36	0.00	-0.5254	0.0000
25YR24HR	1600	BASE	6.75	33.43	35.03	0	0.44	0.00	-0.5172	0.0000
25YR24HR	1600	BASE	7.00	33.45	35.03	0	0.50	0.00	-0.5075	0.0000
25YR24HR	1600	BASE	7.25	33.47	35.03	0	0.61	0.00	-0.4961	0.0000
25YR24HR	1600	BASE	7.50	33.49	35.03	0	0.71	0.00	-0.4825	0.0000
25YR24HR	1600	BASE	7.75	33.51	35.03	0	0.79	0.00	-0.4670	0.0000
25YR24HR	1600	BASE	8.00	33.53	35.03	0	0.85	0.00	-0.4500	0.0000
25YR24HR	1600	BASE	8.25	33.55	35.03	0	0.99	0.00	-0.4311	0.0000
25YR24HR	1600	BASE	8.50	33.57	35.03	0	1.12	0.00	-0.4093	0.0000
25YR24HR	1600	BASE	8.75	33.59	35.03	0	1.30	0.00	-0.3844	0.0000
25YR24HR	1600	BASE	9.00	33.61	35.03	0	1.46	0.00	-0.3558	0.0000
25YR24HR	1600	BASE	9.25	33.63	35.03	0	1.62	0.00	-0.3240	0.0000
25YR24HR	1600	BASE	9.50	33.64	35.03	0	1.75	0.00	-0.2891	0.0000
25YR24HR	1600	BASE	9.75	33.66	35.03	0	1.99	0.00	-0.2504	0.0000
25YR24HR	1600	BASE	10.00	33.68	35.03	0	2.21	0.00	-0.2071	0.0000
25YR24HR	1600	BASE	10.25	33.70	35.03	0	2.60	0.00	-0.1575	0.0000
25YR24HR	1600	BASE	10.50	33.72	35.03	0	2.95	0.00	-0.1002	0.0000
25YR24HR	1600	BASE	10.75	33.74	35.03	0	3.54	0.00	-0.0331	0.0000
25YR24HR	1600	BASE	11.00	33.76	35.03	0	4.07	0.00	0.0455	0.0000
25YR24HR	1600	BASE	11.25	33.78	35.03	0	4.52	0.00	0.1342	0.0000
25YR24HR	1600	BASE	11.50	33.80	35.03	0	6.51	0.00	0.2481	0.0000
25YR24HR	1600	BASE	11.75	33.82	35.03	0	16.59	0.00	0.4867	0.0000
25YR24HR	1600	BASE	12.00	33.84	35.03	0	33.31	0.00	1.0021	0.0000
25YR24HR	1600	BASE	12.25	33.86	35.03	0	38.52	0.00	1.7442	0.0000
25YR24HR	1600	BASE	12.50	33.88	35.03	0	31.71	0.00	2.4697	0.0000
25YR24HR	1600	BASE	12.75	33.90	35.03	0	22.21	0.00	3.0268	0.0000
25YR24HR	1600	BASE	13.00	33.88	35.03	0	16.55	0.00	3.4272	0.0000
25YR24HR	1600	BASE	13.25	33.86	35.03	0	11.79	0.00	3.7200	0.0000
25YR24HR	1600	BASE	13.50	33.84	35.03	0	9.07	0.00	3.9354	0.0000
25YR24HR	1600	BASE	13.75	33.82	35.03	0	7.57	0.00	4.1072	0.0000
25YR24HR	1600	BASE	14.00	33.79	35.03	0	6.72	0.00	4.2548	0.0000
25YR24HR	1600	BASE	14.25	33.77	35.03	0	6.06	0.00	4.3868	0.0000
25YR24HR	1600	BASE	14.50	33.75	35.03	0	5.56	0.00	4.5068	0.0000
25YR24HR	1600	BASE	14.75	33.73	35.03	0	5.04	0.00	4.6164	0.0000
25YR24HR	1600	BASE	15.00	33.71	35.03	0	4.63	0.00	4.7163	0.0000
25YR24HR	1600	BASE	15.25	33.68	35.03	0	4.31	0.00	4.8086	0.0000
25YR24HR	1600	BASE	15.50	33.66	35.03	0	4.07	0.00	4.8951	0.0000
25YR24HR	1600	BASE	15.75	33.64	35.03	0	3.79	0.00	4.9763	0.0000
25YR24HR	1600	BASE	16.00	33.62	35.03	0	3.59	0.00	5.0526	0.0000
25YR24HR	1600	BASE	16.25	33.60	35.03	0	3.43	0.00	5.1251	0.0000
25YR24HR	1600	BASE	16.50	33.57	35.03	0	3.31	0.00	5.1947	0.0000
25YR24HR	1600	BASE	16.75	33.55	35.03	0	3.18	0.00	5.2617	0.0000
25YR24HR	1600	BASE	17.00	33.53	35.03	0	3.08	0.00	5.3263	0.0000
25YR24HR	1600	BASE	17.25	33.51	35.03	0	3.02	0.00	5.3893	0.0000
25YR24HR	1600	BASE	17.50	33.48	35.03	0	2.98	0.00	5.4513	0.0000
25YR24HR	1600	BASE	17.75	33.46	35.03	0	2.85	0.00	5.5115	0.0000
25YR24HR	1600	BASE	18.00	33.44	35.03	0	2.72	0.00	5.5690	0.0000
25YR24HR	1600	BASE	18.25	33.42	35.03	0	2.70	0.00	5.6250	0.0000
25YR24HR	1600	BASE	18.50	33.40	35.03	0	2.71	0.00	5.6808	0.0000
25YR24HR	1600	BASE	18.75	33.37	35.03	0	2.60	0.00	5.7357	0.0000
25YR24HR	1600	BASE	19.00	33.35	35.03	0	2.49	0.00	5.7882	0.0000
25YR24HR	1600	BASE	19.25	33.33	35.03	0	2.48	0.00	5.8395	0.0000
25YR24HR	1600	BASE	19.50	33.31	35.03	0	2.50	0.00	5.8909	0.0000
25YR24HR	1600	BASE	19.75	33.29	35.03	0	2.45	0.00	5.9420	0.0000
25YR24HR	1600	BASE	20.00	33.26	35.03	0	2.40	0.00	5.9920	0.0000
25YR24HR	1600	BASE	20.25	33.24	35.03	0	2.31	0.00	6.0406	0.0000
25YR24HR	1600	BASE	20.50	33.22	35.03	0	2.23	0.00	6.0875	0.0000
25YR24HR	1600	BASE	20.75	33.20	35.03	0	2.18	0.00	6.1330	0.0000
25YR24HR	1600	BASE	21.00	33.18	35.03	0	2.15	0.00	6.1777	0.0000
25YR24HR	1600	BASE	21.25	33.15	35.03	0	2.13	0.00	6.2219	0.0000

PRE Node Time Series

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
25YR24HR	1600	BASE	21.50	33.13	35.03	0	2.12	0.00	6.2659	0.0000
25YR24HR	1600	BASE	21.75	33.11	35.03	0	2.12	0.00	6.3097	0.0000
25YR24HR	1600	BASE	22.00	33.09	35.03	0	2.11	0.00	6.3534	0.0000
25YR24HR	1600	BASE	22.25	33.06	35.03	0	2.11	0.00	6.3970	0.0000
25YR24HR	1600	BASE	22.50	33.04	35.03	0	2.10	0.00	6.4405	0.0000
25YR24HR	1600	BASE	22.75	33.02	35.03	0	2.05	0.00	6.4834	0.0000
25YR24HR	1600	BASE	23.00	33.00	35.03	0	1.98	0.00	6.5250	0.0000
25YR24HR	1600	BASE	23.25	32.98	35.03	0	1.94	0.00	6.5656	0.0000
25YR24HR	1600	BASE	23.50	32.95	35.03	0	1.92	0.00	6.6055	0.0000
25YR24HR	1600	BASE	23.75	32.93	35.03	0	1.85	0.00	6.6444	0.0000
25YR24HR	1600	BASE	24.00	32.91	35.03	0	1.78	0.00	6.6820	0.0000
25YR24HR	1600	BASE	24.00	32.91	35.03	0	1.78	0.00	6.6820	0.0000
25YR24HR	Pre 1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
25YR24HR	Pre 1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
25YR24HR	Pre 1100	BASE	0.50	33.46	35.43	709838	3.34	0.55	-0.4104	0.0229
25YR24HR	Pre 1100	BASE	0.75	33.46	35.43	709808	3.34	0.54	-0.3415	0.0342
25YR24HR	Pre 1100	BASE	1.00	33.46	35.43	709778	3.34	0.54	-0.2725	0.0454
25YR24HR	Pre 1100	BASE	1.25	33.46	35.43	709749	3.35	0.54	-0.2034	0.0566
25YR24HR	Pre 1100	BASE	1.50	33.46	35.43	709724	3.49	0.54	-0.1327	0.0677
25YR24HR	Pre 1100	BASE	1.75	33.46	35.43	709708	3.69	0.53	-0.0585	0.0787
25YR24HR	Pre 1100	BASE	2.00	33.46	35.43	709704	3.90	0.53	0.0199	0.0898
25YR24HR	Pre 1100	BASE	2.25	33.46	35.43	709712	4.14	0.53	0.1029	0.1008
25YR24HR	Pre 1100	BASE	2.50	33.46	35.43	709732	4.36	0.54	0.1907	0.1119
25YR24HR	Pre 1100	BASE	2.75	33.46	35.43	709773	4.91	0.54	0.2864	0.1230
25YR24HR	Pre 1100	BASE	3.00	33.46	35.43	709857	5.41	0.55	0.3930	0.1343
25YR24HR	Pre 1100	BASE	3.25	33.47	35.43	709998	3.72	0.56	0.4875	0.1458
25YR24HR	Pre 1100	BASE	3.50	33.47	35.43	710286	5.07	0.59	0.5783	0.1577
25YR24HR	Pre 1100	BASE	3.75	33.48	35.43	710771	6.53	0.66	0.6980	0.1705
25YR24HR	Pre 1100	BASE	4.00	33.49	35.43	711389	8.10	0.77	0.8492	0.1853
25YR24HR	Pre 1100	BASE	4.25	33.50	35.43	712152	9.91	0.94	1.0353	0.2029
25YR24HR	Pre 1100	BASE	4.50	33.51	35.43	713068	11.80	1.18	1.2597	0.2249
25YR24HR	Pre 1100	BASE	4.75	33.52	35.43	714136	13.74	1.49	1.5235	0.2525
25YR24HR	Pre 1100	BASE	5.00	33.54	35.43	715354	15.76	1.89	1.8284	0.2874
25YR24HR	Pre 1100	BASE	5.25	33.56	35.43	716723	17.93	2.38	2.1764	0.3314
25YR24HR	Pre 1100	BASE	5.50	33.58	35.43	718244	20.16	2.98	2.5700	0.3868
25YR24HR	Pre 1100	BASE	5.75	33.60	35.43	719908	22.44	3.71	3.0101	0.4560
25YR24HR	Pre 1100	BASE	6.00	33.63	35.43	721711	24.79	4.55	3.4981	0.5413
25YR24HR	Pre 1100	BASE	6.25	33.65	35.43	723655	27.45	5.54	4.0378	0.6455
25YR24HR	Pre 1100	BASE	6.50	33.68	35.43	725741	30.12	6.67	4.6325	0.7716
25YR24HR	Pre 1100	BASE	6.75	33.71	35.43	727955	32.77	7.95	5.2823	0.9225
25YR24HR	Pre 1100	BASE	7.00	33.74	35.43	730284	35.52	9.37	5.9878	1.1015
25YR24HR	Pre 1100	BASE	7.25	33.78	35.43	732745	38.83	10.97	6.7560	1.3116
25YR24HR	Pre 1100	BASE	7.50	33.81	35.43	735343	42.07	12.74	7.5918	1.5566
25YR24HR	Pre 1100	BASE	7.75	33.85	35.43	738049	45.12	14.69	8.4926	1.8400
25YR24HR	Pre 1100	BASE	8.00	33.88	35.43	740793	47.06	16.75	9.4448	2.1648
25YR24HR	Pre 1100	BASE	8.25	33.92	35.43	743503	48.87	18.88	10.4359	2.5329
25YR24HR	Pre 1100	BASE	8.50	33.96	35.43	746159	50.38	21.05	11.4612	2.9454
25YR24HR	Pre 1100	BASE	8.75	33.99	35.43	748749	51.99	23.24	12.5188	3.4029
25YR24HR	Pre 1100	BASE	9.00	34.03	35.43	751270	53.37	25.40	13.6073	3.9053
25YR24HR	Pre 1100	BASE	9.25	34.06	35.43	753713	54.66	27.45	14.7233	4.4512
25YR24HR	Pre 1100	BASE	9.50	34.09	35.43	756082	55.75	29.27	15.8640	5.0371
25YR24HR	Pre 1100	BASE	9.75	34.12	35.43	758407	57.22	30.83	17.0310	5.6580
25YR24HR	Pre 1100	BASE	10.00	34.15	35.43	760714	58.43	32.24	18.2257	6.3096
25YR24HR	Pre 1100	BASE	10.25	34.18	35.43	763030	60.40	33.57	19.4533	6.9895
25YR24HR	Pre 1100	BASE	10.50	34.22	35.43	765392	62.22	34.87	20.7201	7.6965
25YR24HR	Pre 1100	BASE	10.75	34.25	35.43	767834	64.96	36.13	22.0340	8.4300
25YR24HR	Pre 1100	BASE	11.00	34.28	35.43	770371	67.09	37.41	23.3981	9.1897
25YR24HR	Pre 1100	BASE	11.25	34.32	35.43	772955	68.81	38.68	24.8021	9.9757
25YR24HR	Pre 1100	BASE	11.50	34.36	35.43	775831	76.95	40.14	26.3079	10.7899
25YR24HR	Pre 1100	BASE	11.75	34.42	35.43	780635	119.34	43.36	28.3357	11.6526
25YR24HR	Pre 1100	BASE	12.00	34.54	35.43	785781	187.90	50.36	31.5097	12.6208
25YR24HR	Pre 1100	BASE	12.25	34.69	35.43	789023	182.89	62.44	35.3402	13.7862
25YR24HR	Pre 1100	BASE	12.50	34.80	35.43	791423	143.80	71.45	38.7151	15.1694
25YR24HR	Pre 1100	BASE	12.75	34.86	35.43	792726	110.69	76.84	41.3442	16.7013
25YR24HR	Pre 1100	BASE	13.00	34.89	35.43	793242	88.48	79.61	43.4018	18.3175
25YR24HR	Pre 1100	BASE	13.25	34.89	35.43	793269	74.51	80.71	45.0856	19.9737
25YR24HR	Pre 1100	BASE	13.50	34.88	35.43	793031	68.13	80.88	46.5592	21.6430
25YR24HR	Pre 1100	BASE	13.75	34.86	35.43	792661	63.49	80.54	47.9188	23.3106
25YR24HR	Pre 1100	BASE	14.00	34.84	35.43	792215	60.95	79.89	49.2044	24.9678
25YR24HR	Pre 1100	BASE	14.25	34.82	35.43	791730	58.84	79.04	50.4419	26.6097
25YR24HR	Pre 1100	BASE	14.50	34.79	35.43	791222	57.31	78.06	51.6419	28.2327
25YR24HR	Pre 1100	BASE	14.75	34.77	35.43	790699	55.55	76.98	52.8078	29.8344
25YR24HR	Pre 1100	BASE	15.00	34.75	35.43	790165	54.17	75.80	53.9413	31.4127
25YR24HR	Pre 1100	BASE	15.25	34.72	35.43	789628	52.94	74.57	55.0478	32.9661
25YR24HR	Pre 1100	BASE	15.50	34.70	35.43	789094	51.92	73.33	56.1311	34.4939
25YR24HR	Pre 1100	BASE	15.75	34.67	35.43	788561	50.56	72.02	57.1898	35.9954
25YR24HR	Pre 1100	BASE	16.00	34.65	35.43	788034	49.35	70.28	58.2220	37.4654
25YR24HR	Pre 1100	BASE	16.25	34.62	35.43	787520	48.08	68.54	59.2285	38.8994
25YR24HR	Pre 1100	BASE	16.50	34.60	35.43	787067	46.65	62.78	60.2072	40.2560
25YR24HR	Pre 1100	BASE	16.75	34.59	35.43	786661	45.23	61.69	61.1564	41.5418
25YR24HR	Pre 1100	BASE	17.00	34.57	35.43	786247	43.89	60.59	62.0770	42.8051
25YR24HR	Pre 1100	BASE	17.25	34.55	35.43	785829	42.62	59.47	62.9707	44.0454
25YR24HR	Pre 1100	BASE	17.50	34.53	35.43	785406	41.31	58.35	63.8378	45.2626
25YR24HR	Pre 1100	BASE	17.75	34.51	35.43	784972	39.46	57.20	64.6722	46.4564
25YR24HR	Pre 1100	BASE	18.00	34.49	35.43	784521	37.64	56.01	65.4686	47.6259

PRE Node Time Series

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
25YR24HR	Pre 1100	BASE	18.25	34.47	35.43	783843	36.16	54.80	66.2310	48.7706
25YR24HR	Pre 1100	BASE	18.50	34.44	35.43	782245	34.61	53.53	66.9621	49.8897
25YR24HR	Pre 1100	BASE	18.75	34.42	35.43	780597	32.43	52.20	67.6547	50.9818
25YR24HR	Pre 1100	BASE	19.00	34.40	35.43	778873	30.24	50.81	68.3021	52.0459
25YR24HR	Pre 1100	BASE	19.25	34.37	35.43	777091	28.33	49.38	68.9071	53.0809
25YR24HR	Pre 1100	BASE	19.50	34.35	35.43	775258	26.22	47.91	69.4707	54.0861
25YR24HR	Pre 1100	BASE	19.75	34.32	35.43	773339	23.36	46.29	69.9829	55.0592
25YR24HR	Pre 1100	BASE	20.00	34.30	35.43	771312	20.50	44.52	70.4360	55.9973
25YR24HR	Pre 1100	BASE	20.25	34.27	35.43	769188	17.60	42.67	70.8296	56.8980
25YR24HR	Pre 1100	BASE	20.50	34.24	35.43	766985	14.91	40.51	71.1655	57.7573
25YR24HR	Pre 1100	BASE	20.75	34.21	35.43	764748	12.50	38.27	71.4486	58.5712
25YR24HR	Pre 1100	BASE	21.00	34.18	35.43	762501	10.33	36.02	71.6843	59.3386
25YR24HR	Pre 1100	BASE	21.25	34.15	35.43	760261	8.36	33.81	71.8774	60.0600
25YR24HR	Pre 1100	BASE	21.50	34.12	35.43	758048	6.75	31.68	72.0336	60.7366
25YR24HR	Pre 1100	BASE	21.75	34.09	35.43	755887	8.64	29.64	72.1926	61.3700
25YR24HR	Pre 1100	BASE	22.00	34.06	35.43	753804	8.06	27.72	72.3651	61.9625
25YR24HR	Pre 1100	BASE	22.25	34.03	35.43	751843	7.98	25.95	72.5308	62.5169
25YR24HR	Pre 1100	BASE	22.50	34.01	35.43	750025	7.97	24.34	72.6956	63.0365
25YR24HR	Pre 1100	BASE	22.75	33.99	35.43	748329	7.74	22.88	72.8579	63.5243
25YR24HR	Pre 1100	BASE	23.00	33.96	35.43	746735	7.55	21.53	73.0159	63.9831
25YR24HR	Pre 1100	BASE	23.25	33.94	35.43	745241	7.44	20.29	73.1708	64.4151
25YR24HR	Pre 1100	BASE	23.50	33.93	35.43	743841	7.37	19.15	73.3238	64.8226
25YR24HR	Pre 1100	BASE	23.75	33.91	35.43	742522	7.11	18.10	73.4733	65.2075
25YR24HR	Pre 1100	BASE	24.00	33.89	35.43	741271	6.90	17.12	73.6180	65.5713
25YR24HR	Pre 1100	BASE	24.00	33.89	35.43	741271	6.90	17.12	73.6181	65.5715
25YR24HR	Pre 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	4.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 800	BASE	4.50	35.91	37.50	0	0.01	0.00	0.0001	0.0000
25YR24HR	Pre 800	BASE	4.75	35.91	37.50	0	0.04	0.00	0.0006	0.0000
25YR24HR	Pre 800	BASE	5.00	35.91	37.50	0	0.08	0.00	0.0018	0.0000
25YR24HR	Pre 800	BASE	5.25	35.91	37.50	0	0.12	0.00	0.0038	0.0000
25YR24HR	Pre 800	BASE	5.50	35.92	37.50	0	0.17	0.00	0.0068	0.0000
25YR24HR	Pre 800	BASE	5.75	35.92	37.50	0	0.21	0.00	0.0107	0.0000
25YR24HR	Pre 800	BASE	6.00	35.92	37.50	0	0.26	0.00	0.0156	0.0000
25YR24HR	Pre 800	BASE	6.25	35.92	37.50	0	0.33	0.00	0.0216	0.0000
25YR24HR	Pre 800	BASE	6.50	35.92	37.50	0	0.39	0.00	0.0291	0.0000
25YR24HR	Pre 800	BASE	6.75	35.93	37.50	0	0.45	0.00	0.0377	0.0000
25YR24HR	Pre 800	BASE	7.00	35.93	37.50	0	0.50	0.00	0.0475	0.0000
25YR24HR	Pre 800	BASE	7.25	35.93	37.50	0	0.59	0.00	0.0588	0.0000
25YR24HR	Pre 800	BASE	7.50	35.93	37.50	0	0.67	0.00	0.0718	0.0000
25YR24HR	Pre 800	BASE	7.75	35.93	37.50	0	0.73	0.00	0.0863	0.0000
25YR24HR	Pre 800	BASE	8.00	35.94	37.50	0	0.79	0.00	0.1020	0.0000
25YR24HR	Pre 800	BASE	8.25	35.94	37.50	0	0.91	0.00	0.1196	0.0000
25YR24HR	Pre 800	BASE	8.50	35.94	37.50	0	1.01	0.00	0.1395	0.0000
25YR24HR	Pre 800	BASE	8.75	35.94	37.50	0	1.17	0.00	0.1621	0.0000
25YR24HR	Pre 800	BASE	9.00	35.95	37.50	0	1.30	0.00	0.1875	0.0000
25YR24HR	Pre 800	BASE	9.25	35.95	37.50	0	1.43	0.00	0.2157	0.0000
25YR24HR	Pre 800	BASE	9.50	35.95	37.50	0	1.55	0.00	0.2465	0.0000
25YR24HR	Pre 800	BASE	9.75	35.95	37.50	0	1.77	0.00	0.2807	0.0000
25YR24HR	Pre 800	BASE	10.00	35.95	37.50	0	1.95	0.00	0.3191	0.0000
25YR24HR	Pre 800	BASE	10.25	35.96	37.50	0	2.31	0.00	0.3630	0.0000
25YR24HR	Pre 800	BASE	10.50	35.96	37.50	0	2.60	0.00	0.4138	0.0000
25YR24HR	Pre 800	BASE	10.75	35.96	37.50	0	3.15	0.00	0.4733	0.0000
25YR24HR	Pre 800	BASE	11.00	35.96	37.50	0	3.59	0.00	0.5430	0.0000
25YR24HR	Pre 800	BASE	11.25	35.96	37.50	0	4.00	0.00	0.6214	0.0000
25YR24HR	Pre 800	BASE	11.50	35.97	37.50	0	6.11	0.00	0.7258	0.0000
25YR24HR	Pre 800	BASE	11.75	35.97	37.50	0	17.71	0.00	0.9719	0.0000
25YR24HR	Pre 800	BASE	12.00	35.97	37.50	0	37.72	0.00	1.5445	0.0000
25YR24HR	Pre 800	BASE	12.25	35.97	37.50	0	35.93	0.00	2.3054	0.0000
25YR24HR	Pre 800	BASE	12.50	35.97	37.50	0	25.53	0.00	2.9403	0.0000
25YR24HR	Pre 800	BASE	12.75	35.96	37.50	0	17.52	0.00	3.3849	0.0000
25YR24HR	Pre 800	BASE	13.00	35.96	37.50	0	11.84	0.00	3.6883	0.0000
25YR24HR	Pre 800	BASE	13.25	35.96	37.50	0	7.95	0.00	3.8927	0.0000
25YR24HR	Pre 800	BASE	13.50	35.96	37.50	0	5.97	0.00	4.0365	0.0000
25YR24HR	Pre 800	BASE	13.75	35.96	37.50	0	4.88	0.00	4.1485	0.0000
25YR24HR	Pre 800	BASE	14.00	35.95	37.50	0	4.35	0.00	4.2438	0.0000
25YR24HR	Pre 800	BASE	14.25	35.95	37.50	0	3.91	0.00	4.3292	0.0000
25YR24HR	Pre 800	BASE	14.50	35.95	37.50	0	3.65	0.00	4.4073	0.0000
25YR24HR	Pre 800	BASE	14.75	35.95	37.50	0	3.31	0.00	4.4792	0.0000

PRE Node Time Series

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
25YR24HR	Pre 800	BASE	15.00	35.95	37.50	0	3.09	0.00	4.5453	0.0000
25YR24HR	Pre 800	BASE	15.25	35.94	37.50	0	2.92	0.00	4.6073	0.0000
25YR24HR	Pre 800	BASE	15.50	35.94	37.50	0	2.81	0.00	4.6665	0.0000
25YR24HR	Pre 800	BASE	15.75	35.94	37.50	0	2.61	0.00	4.7225	0.0000
25YR24HR	Pre 800	BASE	16.00	35.94	37.50	0	2.48	0.00	4.7752	0.0000
25YR24HR	Pre 800	BASE	16.25	35.93	37.50	0	2.35	0.00	4.8251	0.0000
25YR24HR	Pre 800	BASE	16.50	35.93	37.50	0	2.26	0.00	4.8728	0.0000
25YR24HR	Pre 800	BASE	16.75	35.93	37.50	0	2.15	0.00	4.9184	0.0000
25YR24HR	Pre 800	BASE	17.00	35.93	37.50	0	2.07	0.00	4.9620	0.0000
25YR24HR	Pre 800	BASE	17.25	35.93	37.50	0	2.04	0.00	5.0046	0.0000
25YR24HR	Pre 800	BASE	17.50	35.92	37.50	0	2.03	0.00	5.0466	0.0000
25YR24HR	Pre 800	BASE	17.75	35.92	37.50	0	1.87	0.00	5.0868	0.0000
25YR24HR	Pre 800	BASE	18.00	35.92	37.50	0	1.75	0.00	5.1242	0.0000
25YR24HR	Pre 800	BASE	18.25	35.92	37.50	0	1.78	0.00	5.1607	0.0000
25YR24HR	Pre 800	BASE	18.50	35.92	37.50	0	1.81	0.00	5.1978	0.0000
25YR24HR	Pre 800	BASE	18.75	35.91	37.50	0	1.67	0.00	5.2336	0.0000
25YR24HR	Pre 800	BASE	19.00	35.91	37.50	0	1.56	0.00	5.2670	0.0000
25YR24HR	Pre 800	BASE	19.25	35.91	37.50	0	1.60	0.00	5.2997	0.0000
25YR24HR	Pre 800	BASE	19.50	35.91	37.50	0	1.63	0.00	5.3330	0.0000
25YR24HR	Pre 800	BASE	19.75	35.91	37.50	0	1.56	0.00	5.3659	0.0000
25YR24HR	Pre 800	BASE	20.00	35.90	37.50	0	1.52	0.00	5.3977	0.0000
25YR24HR	Pre 800	BASE	20.25	35.90	37.50	0	1.42	0.00	5.4280	0.0000
25YR24HR	Pre 800	BASE	20.50	35.90	37.50	0	1.35	0.00	5.4567	0.0000
25YR24HR	Pre 800	BASE	20.75	35.90	37.50	0	1.32	0.00	5.4843	0.0000
25YR24HR	Pre 800	BASE	21.00	35.89	37.50	0	1.30	0.00	5.5114	0.0000
25YR24HR	Pre 800	BASE	21.25	35.89	37.50	0	1.30	0.00	5.5382	0.0000
25YR24HR	Pre 800	BASE	21.50	35.89	37.50	0	1.29	0.00	5.5649	0.0000
25YR24HR	Pre 800	BASE	21.75	35.89	37.50	0	1.29	0.00	5.5917	0.0000
25YR24HR	Pre 800	BASE	22.00	35.89	37.50	0	1.29	0.00	5.6184	0.0000
25YR24HR	Pre 800	BASE	22.25	35.88	37.50	0	1.29	0.00	5.6451	0.0000
25YR24HR	Pre 800	BASE	22.50	35.88	37.50	0	1.30	0.00	5.6719	0.0000
25YR24HR	Pre 800	BASE	22.75	35.88	37.50	0	1.22	0.00	5.6979	0.0000
25YR24HR	Pre 800	BASE	23.00	35.88	37.50	0	1.16	0.00	5.7225	0.0000
25YR24HR	Pre 800	BASE	23.25	35.88	37.50	0	1.14	0.00	5.7463	0.0000
25YR24HR	Pre 800	BASE	23.50	35.87	37.50	0	1.12	0.00	5.7696	0.0000
25YR24HR	Pre 800	BASE	23.75	35.87	37.50	0	1.04	0.00	5.7919	0.0000
25YR24HR	Pre 800	BASE	24.00	35.87	37.50	0	0.98	0.00	5.8127	0.0000
25YR24HR	Pre 800	BASE	24.00	35.87	37.50	0	0.98	0.00	5.8127	0.0000
25YR24HR	Pre 900A	BASE	0.00	34.74	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	0.25	34.74	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	0.50	34.75	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	0.75	34.75	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	1.00	34.75	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	1.25	34.76	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	1.50	34.76	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	1.75	34.76	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	2.00	34.77	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	2.25	34.77	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	2.50	34.77	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	2.75	34.78	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	3.00	34.78	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	3.25	34.78	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	3.50	34.79	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	3.75	34.79	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	4.00	34.79	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	4.25	34.80	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	4.50	34.80	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	4.75	34.80	36.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Pre 900A	BASE	5.00	34.81	36.50	0	0.01	0.00	0.0001	0.0000
25YR24HR	Pre 900A	BASE	5.25	34.81	36.50	0	0.01	0.00	0.0002	0.0000
25YR24HR	Pre 900A	BASE	5.50	34.81	36.50	0	0.02	0.00	0.0005	0.0000
25YR24HR	Pre 900A	BASE	5.75	34.82	36.50	0	0.02	0.00	0.0010	0.0000
25YR24HR	Pre 900A	BASE	6.00	34.82	36.50	0	0.03	0.00	0.0015	0.0000
25YR24HR	Pre 900A	BASE	6.25	34.82	36.50	0	0.04	0.00	0.0022	0.0000
25YR24HR	Pre 900A	BASE	6.50	34.83	36.50	0	0.05	0.00	0.0032	0.0000
25YR24HR	Pre 900A	BASE	6.75	34.83	36.50	0	0.06	0.00	0.0043	0.0000
25YR24HR	Pre 900A	BASE	7.00	34.83	36.50	0	0.07	0.00	0.0056	0.0000
25YR24HR	Pre 900A	BASE	7.25	34.84	36.50	0	0.08	0.00	0.0070	0.0000
25YR24HR	Pre 900A	BASE	7.50	34.84	36.50	0	0.09	0.00	0.0088	0.0000
25YR24HR	Pre 900A	BASE	7.75	34.84	36.50	0	0.10	0.00	0.0107	0.0000
25YR24HR	Pre 900A	BASE	8.00	34.85	36.50	0	0.11	0.00	0.0129	0.0000
25YR24HR	Pre 900A	BASE	8.25	34.85	36.50	0	0.13	0.00	0.0153	0.0000
25YR24HR	Pre 900A	BASE	8.50	34.85	36.50	0	0.14	0.00	0.0181	0.0000
25YR24HR	Pre 900A	BASE	8.75	34.86	36.50	0	0.16	0.00	0.0212	0.0000
25YR24HR	Pre 900A	BASE	9.00	34.86	36.50	0	0.18	0.00	0.0248	0.0000
25YR24HR	Pre 900A	BASE	9.25	34.86	36.50	0	0.20	0.00	0.0287	0.0000
25YR24HR	Pre 900A	BASE	9.50	34.87	36.50	0	0.22	0.00	0.0331	0.0000
25YR24HR	Pre 900A	BASE	9.75	34.87	36.50	0	0.25	0.00	0.0380	0.0000
25YR24HR	Pre 900A	BASE	10.00	34.87	36.50	0	0.28	0.00	0.0435	0.0000
25YR24HR	Pre 900A	BASE	10.25	34.88	36.50	0	0.33	0.00	0.0498	0.0000
25YR24HR	Pre 900A	BASE	10.50	34.88	36.50	0	0.38	0.00	0.0571	0.0000
25YR24HR	Pre 900A	BASE	10.75	34.88	36.50	0	0.46	0.00	0.0657	0.0000
25YR24HR	Pre 900A	BASE	11.00	34.89	36.50	0	0.52	0.00	0.0758	0.0000
25YR24HR	Pre 900A	BASE	11.25	34.89	36.50	0	0.58	0.00	0.0872	0.0000
25YR24HR	Pre 900A	BASE	11.50	34.89	36.50	0	0.90	0.00	0.1025	0.0000

PRE Node Time Series

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
25YR24HR	Pre 900A	BASE	11.75	34.90	36.50	0	2.62	0.00	0.1388	0.0000
25YR24HR	Pre 900A	BASE	12.00	34.90	36.50	0	5.63	0.00	0.2239	0.0000
25YR24HR	Pre 900A	BASE	12.25	34.90	36.50	0	5.38	0.00	0.3377	0.0000
25YR24HR	Pre 900A	BASE	12.50	34.89	36.50	0	3.83	0.00	0.4329	0.0000
25YR24HR	Pre 900A	BASE	12.75	34.89	36.50	0	2.63	0.00	0.4997	0.0000
25YR24HR	Pre 900A	BASE	13.00	34.89	36.50	0	1.78	0.00	0.5453	0.0000
25YR24HR	Pre 900A	BASE	13.25	34.88	36.50	0	1.20	0.00	0.5762	0.0000
25YR24HR	Pre 900A	BASE	13.50	34.88	36.50	0	0.90	0.00	0.5979	0.0000
25YR24HR	Pre 900A	BASE	13.75	34.88	36.50	0	0.74	0.00	0.6148	0.0000
25YR24HR	Pre 900A	BASE	14.00	34.87	36.50	0	0.66	0.00	0.6292	0.0000
25YR24HR	Pre 900A	BASE	14.25	34.87	36.50	0	0.59	0.00	0.6421	0.0000
25YR24HR	Pre 900A	BASE	14.50	34.87	36.50	0	0.55	0.00	0.6539	0.0000
25YR24HR	Pre 900A	BASE	14.75	34.86	36.50	0	0.50	0.00	0.6648	0.0000
25YR24HR	Pre 900A	BASE	15.00	34.86	36.50	0	0.47	0.00	0.6748	0.0000
25YR24HR	Pre 900A	BASE	15.25	34.86	36.50	0	0.44	0.00	0.6842	0.0000
25YR24HR	Pre 900A	BASE	15.50	34.85	36.50	0	0.43	0.00	0.6931	0.0000
25YR24HR	Pre 900A	BASE	15.75	34.85	36.50	0	0.40	0.00	0.7016	0.0000
25YR24HR	Pre 900A	BASE	16.00	34.85	36.50	0	0.38	0.00	0.7096	0.0000
25YR24HR	Pre 900A	BASE	16.25	34.84	36.50	0	0.36	0.00	0.7171	0.0000
25YR24HR	Pre 900A	BASE	16.50	34.84	36.50	0	0.34	0.00	0.7243	0.0000
25YR24HR	Pre 900A	BASE	16.75	34.84	36.50	0	0.33	0.00	0.7312	0.0000
25YR24HR	Pre 900A	BASE	17.00	34.83	36.50	0	0.31	0.00	0.7379	0.0000
25YR24HR	Pre 900A	BASE	17.25	34.83	36.50	0	0.31	0.00	0.7443	0.0000
25YR24HR	Pre 900A	BASE	17.50	34.83	36.50	0	0.31	0.00	0.7507	0.0000
25YR24HR	Pre 900A	BASE	17.75	34.82	36.50	0	0.28	0.00	0.7568	0.0000
25YR24HR	Pre 900A	BASE	18.00	34.82	36.50	0	0.27	0.00	0.7624	0.0000
25YR24HR	Pre 900A	BASE	18.25	34.82	36.50	0	0.27	0.00	0.7680	0.0000
25YR24HR	Pre 900A	BASE	18.50	34.81	36.50	0	0.27	0.00	0.7736	0.0000
25YR24HR	Pre 900A	BASE	18.75	34.81	36.50	0	0.25	0.00	0.7790	0.0000
25YR24HR	Pre 900A	BASE	19.00	34.81	36.50	0	0.24	0.00	0.7841	0.0000
25YR24HR	Pre 900A	BASE	19.25	34.80	36.50	0	0.24	0.00	0.7890	0.0000
25YR24HR	Pre 900A	BASE	19.50	34.80	36.50	0	0.25	0.00	0.7940	0.0000
25YR24HR	Pre 900A	BASE	19.75	34.80	36.50	0	0.24	0.00	0.7990	0.0000
25YR24HR	Pre 900A	BASE	20.00	34.79	36.50	0	0.23	0.00	0.8039	0.0000
25YR24HR	Pre 900A	BASE	20.25	34.79	36.50	0	0.22	0.00	0.8085	0.0000
25YR24HR	Pre 900A	BASE	20.50	34.79	36.50	0	0.21	0.00	0.8128	0.0000
25YR24HR	Pre 900A	BASE	20.75	34.78	36.50	0	0.20	0.00	0.8170	0.0000
25YR24HR	Pre 900A	BASE	21.00	34.78	36.50	0	0.20	0.00	0.8211	0.0000
25YR24HR	Pre 900A	BASE	21.25	34.78	36.50	0	0.20	0.00	0.8252	0.0000
25YR24HR	Pre 900A	BASE	21.50	34.77	36.50	0	0.20	0.00	0.8292	0.0000
25YR24HR	Pre 900A	BASE	21.75	34.77	36.50	0	0.20	0.00	0.8333	0.0000
25YR24HR	Pre 900A	BASE	22.00	34.77	36.50	0	0.20	0.00	0.8373	0.0000
25YR24HR	Pre 900A	BASE	22.25	34.76	36.50	0	0.20	0.00	0.8414	0.0000
25YR24HR	Pre 900A	BASE	22.50	34.76	36.50	0	0.20	0.00	0.8454	0.0000
25YR24HR	Pre 900A	BASE	22.75	34.76	36.50	0	0.18	0.00	0.8494	0.0000
25YR24HR	Pre 900A	BASE	23.00	34.75	36.50	0	0.18	0.00	0.8531	0.0000
25YR24HR	Pre 900A	BASE	23.25	34.75	36.50	0	0.17	0.00	0.8567	0.0000
25YR24HR	Pre 900A	BASE	23.50	34.75	36.50	0	0.17	0.00	0.8602	0.0000
25YR24HR	Pre 900A	BASE	23.75	34.74	36.50	0	0.16	0.00	0.8636	0.0000
25YR24HR	Pre 900A	BASE	24.00	34.74	36.50	0	0.15	0.00	0.8668	0.0000
25YR24HR	Pre 900A	BASE	24.00	34.74	36.50	0	0.15	0.00	0.8668	0.0000
5YR24HR	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
5YR24HR	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
5YR24HR	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
5YR24HR	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
5YR24HR	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
5YR24HR	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
5YR24HR	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
5YR24HR	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
5YR24HR	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
5YR24HR	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
5YR24HR	1600	BASE	2.50	33.10	35.03	0	-0.64	0.00	-0.4672	0.0000
5YR24HR	1600	BASE	2.75	33.12	35.03	0	-0.64	0.00	-0.4803	0.0000
5YR24HR	1600	BASE	3.00	33.14	35.03	0	-0.64	0.00	-0.4935	0.0000
5YR24HR	1600	BASE	3.25	33.16	35.03	0	-0.63	0.00	-0.5067	0.0000
5YR24HR	1600	BASE	3.50	33.18	35.03	0	-0.62	0.00	-0.5196	0.0000
5YR24HR	1600	BASE	3.75	33.20	35.03	0	-0.59	0.00	-0.5320	0.0000
5YR24HR	1600	BASE	4.00	33.22	35.03	0	-0.56	0.00	-0.5438	0.0000
5YR24HR	1600	BASE	4.25	33.24	35.03	0	-0.52	0.00	-0.5550	0.0000
5YR24HR	1600	BASE	4.50	33.26	35.03	0	-0.48	0.00	-0.5652	0.0000
5YR24HR	1600	BASE	4.75	33.28	35.03	0	-0.44	0.00	-0.5747	0.0000
5YR24HR	1600	BASE	5.00	33.30	35.03	0	-0.40	0.00	-0.5833	0.0000
5YR24HR	1600	BASE	5.25	33.32	35.03	0	-0.36	0.00	-0.5911	0.0000
5YR24HR	1600	BASE	5.50	33.34	35.03	0	-0.32	0.00	-0.5981	0.0000
5YR24HR	1600	BASE	5.75	33.35	35.03	0	-0.28	0.00	-0.6042	0.0000
5YR24HR	1600	BASE	6.00	33.37	35.03	0	-0.24	0.00	-0.6096	0.0000
5YR24HR	1600	BASE	6.25	33.39	35.03	0	-0.18	0.00	-0.6140	0.0000
5YR24HR	1600	BASE	6.50	33.41	35.03	0	-0.12	0.00	-0.6171	0.0000
5YR24HR	1600	BASE	6.75	33.43	35.03	0	-0.07	0.00	-0.6192	0.0000
5YR24HR	1600	BASE	7.00	33.45	35.03	0	-0.03	0.00	-0.6203	0.0000
5YR24HR	1600	BASE	7.25	33.47	35.03	0	0.04	0.00	-0.6202	0.0000
5YR24HR	1600	BASE	7.50	33.49	35.03	0	0.11	0.00	-0.6187	0.0000
5YR24HR	1600	BASE	7.75	33.51	35.03	0	0.16	0.00	-0.6159	0.0000
5YR24HR	1600	BASE	8.00	33.53	35.03	0	0.21	0.00	-0.6120	0.0000
5YR24HR	1600	BASE	8.25	33.55	35.03	0	0.30	0.00	-0.6068	0.0000

PRE Node Time Series

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
5YR24HR	1600	BASE	8.50	33.57	35.03	0	0.39	0.00	-0.5997	0.0000
5YR24HR	1600	BASE	8.75	33.59	35.03	0	0.51	0.00	-0.5904	0.0000
5YR24HR	1600	BASE	9.00	33.61	35.03	0	0.62	0.00	-0.5788	0.0000
5YR24HR	1600	BASE	9.25	33.63	35.03	0	0.73	0.00	-0.5648	0.0000
5YR24HR	1600	BASE	9.50	33.64	35.03	0	0.82	0.00	-0.5488	0.0000
5YR24HR	1600	BASE	9.75	33.66	35.03	0	0.98	0.00	-0.5301	0.0000
5YR24HR	1600	BASE	10.00	33.68	35.03	0	1.13	0.00	-0.5082	0.0000
5YR24HR	1600	BASE	10.25	33.70	35.03	0	1.40	0.00	-0.4821	0.0000
5YR24HR	1600	BASE	10.50	33.72	35.03	0	1.65	0.00	-0.4506	0.0000
5YR24HR	1600	BASE	10.75	33.74	35.03	0	2.05	0.00	-0.4125	0.0000
5YR24HR	1600	BASE	11.00	33.76	35.03	0	2.41	0.00	-0.3664	0.0000
5YR24HR	1600	BASE	11.25	33.78	35.03	0	2.73	0.00	-0.3133	0.0000
5YR24HR	1600	BASE	11.50	33.80	35.03	0	4.10	0.00	-0.2427	0.0000
5YR24HR	1600	BASE	11.75	33.82	35.03	0	11.20	0.00	-0.0846	0.0000
5YR24HR	1600	BASE	12.00	33.84	35.03	0	23.51	0.00	0.2740	0.0000
5YR24HR	1600	BASE	12.25	33.86	35.03	0	26.72	0.00	0.7929	0.0000
5YR24HR	1600	BASE	12.50	33.88	35.03	0	21.47	0.00	1.2908	0.0000
5YR24HR	1600	BASE	12.75	33.90	35.03	0	15.06	0.00	1.6682	0.0000
5YR24HR	1600	BASE	13.00	33.88	35.03	0	11.77	0.00	1.9453	0.0000
5YR24HR	1600	BASE	13.25	33.86	35.03	0	8.50	0.00	2.1547	0.0000
5YR24HR	1600	BASE	13.50	33.84	35.03	0	6.63	0.00	2.3110	0.0000
5YR24HR	1600	BASE	13.75	33.82	35.03	0	5.58	0.00	2.4371	0.0000
5YR24HR	1600	BASE	14.00	33.79	35.03	0	4.99	0.00	2.5463	0.0000
5YR24HR	1600	BASE	14.25	33.77	35.03	0	4.53	0.00	2.6446	0.0000
5YR24HR	1600	BASE	14.50	33.75	35.03	0	4.18	0.00	2.7345	0.0000
5YR24HR	1600	BASE	14.75	33.73	35.03	0	3.81	0.00	2.8170	0.0000
5YR24HR	1600	BASE	15.00	33.71	35.03	0	3.52	0.00	2.8927	0.0000
5YR24HR	1600	BASE	15.25	33.68	35.03	0	3.29	0.00	2.9631	0.0000
5YR24HR	1600	BASE	15.50	33.66	35.03	0	3.12	0.00	3.0293	0.0000
5YR24HR	1600	BASE	15.75	33.64	35.03	0	2.93	0.00	3.0918	0.0000
5YR24HR	1600	BASE	16.00	33.62	35.03	0	2.79	0.00	3.1509	0.0000
5YR24HR	1600	BASE	16.25	33.60	35.03	0	2.67	0.00	3.2072	0.0000
5YR24HR	1600	BASE	16.50	33.57	35.03	0	2.58	0.00	3.2615	0.0000
5YR24HR	1600	BASE	16.75	33.55	35.03	0	2.49	0.00	3.3138	0.0000
5YR24HR	1600	BASE	17.00	33.53	35.03	0	2.42	0.00	3.3645	0.0000
5YR24HR	1600	BASE	17.25	33.51	35.03	0	2.37	0.00	3.4140	0.0000
5YR24HR	1600	BASE	17.50	33.48	35.03	0	2.35	0.00	3.4628	0.0000
5YR24HR	1600	BASE	17.75	33.46	35.03	0	2.25	0.00	3.5103	0.0000
5YR24HR	1600	BASE	18.00	33.44	35.03	0	2.16	0.00	3.5559	0.0000
5YR24HR	1600	BASE	18.25	33.42	35.03	0	2.14	0.00	3.6003	0.0000
5YR24HR	1600	BASE	18.50	33.40	35.03	0	2.15	0.00	3.6447	0.0000
5YR24HR	1600	BASE	18.75	33.37	35.03	0	2.07	0.00	3.6883	0.0000
5YR24HR	1600	BASE	19.00	33.35	35.03	0	1.99	0.00	3.7303	0.0000
5YR24HR	1600	BASE	19.25	33.33	35.03	0	1.98	0.00	3.7714	0.0000
5YR24HR	1600	BASE	19.50	33.31	35.03	0	2.00	0.00	3.8126	0.0000
5YR24HR	1600	BASE	19.75	33.29	35.03	0	1.96	0.00	3.8535	0.0000
5YR24HR	1600	BASE	20.00	33.26	35.03	0	1.92	0.00	3.8936	0.0000
5YR24HR	1600	BASE	20.25	33.24	35.03	0	1.86	0.00	3.9327	0.0000
5YR24HR	1600	BASE	20.50	33.22	35.03	0	1.80	0.00	3.9705	0.0000
5YR24HR	1600	BASE	20.75	33.20	35.03	0	1.77	0.00	4.0074	0.0000
5YR24HR	1600	BASE	21.00	33.18	35.03	0	1.75	0.00	4.0437	0.0000
5YR24HR	1600	BASE	21.25	33.15	35.03	0	1.73	0.00	4.0797	0.0000
5YR24HR	1600	BASE	21.50	33.13	35.03	0	1.73	0.00	4.1154	0.0000
5YR24HR	1600	BASE	21.75	33.11	35.03	0	1.72	0.00	4.1510	0.0000
5YR24HR	1600	BASE	22.00	33.09	35.03	0	1.72	0.00	4.1866	0.0000
5YR24HR	1600	BASE	22.25	33.06	35.03	0	1.71	0.00	4.2220	0.0000
5YR24HR	1600	BASE	22.50	33.04	35.03	0	1.71	0.00	4.2574	0.0000
5YR24HR	1600	BASE	22.75	33.02	35.03	0	1.67	0.00	4.2923	0.0000
5YR24HR	1600	BASE	23.00	33.00	35.03	0	1.62	0.00	4.3263	0.0000
5YR24HR	1600	BASE	23.25	32.98	35.03	0	1.59	0.00	4.3595	0.0000
5YR24HR	1600	BASE	23.50	32.95	35.03	0	1.58	0.00	4.3923	0.0000
5YR24HR	1600	BASE	23.75	32.93	35.03	0	1.53	0.00	4.4243	0.0000
5YR24HR	1600	BASE	24.00	32.91	35.03	0	1.48	0.00	4.4553	0.0000
5YR24HR	1600	BASE	24.00	32.91	35.03	0	1.48	0.00	4.4553	0.0000
5YR24HR	Pre 1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
5YR24HR	Pre 1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
5YR24HR	Pre 1100	BASE	0.50	33.46	35.43	709838	3.34	0.55	-0.4104	0.0229
5YR24HR	Pre 1100	BASE	0.75	33.46	35.43	709808	3.34	0.54	-0.3415	0.0342
5YR24HR	Pre 1100	BASE	1.00	33.46	35.43	709778	3.34	0.54	-0.2725	0.0454
5YR24HR	Pre 1100	BASE	1.25	33.46	35.43	709748	3.34	0.54	-0.2035	0.0566
5YR24HR	Pre 1100	BASE	1.50	33.46	35.43	709719	3.34	0.54	-0.1345	0.0677
5YR24HR	Pre 1100	BASE	1.75	33.46	35.43	709690	3.37	0.53	-0.0652	0.0787
5YR24HR	Pre 1100	BASE	2.00	33.46	35.43	709665	3.47	0.53	0.0055	0.0897
5YR24HR	Pre 1100	BASE	2.25	33.46	35.43	709647	3.60	0.53	0.0785	0.1006
5YR24HR	Pre 1100	BASE	2.50	33.46	35.43	709636	3.73	0.53	0.1542	0.1115
5YR24HR	Pre 1100	BASE	2.75	33.46	35.43	709640	4.21	0.53	0.2363	0.1224
5YR24HR	Pre 1100	BASE	3.00	33.46	35.43	709685	4.67	0.53	0.3281	0.1334
5YR24HR	Pre 1100	BASE	3.25	33.46	35.43	709784	2.91	0.54	0.4063	0.1445
5YR24HR	Pre 1100	BASE	3.50	33.47	35.43	709949	4.19	0.56	0.4796	0.1559
5YR24HR	Pre 1100	BASE	3.75	33.47	35.43	710251	5.61	0.59	0.5808	0.1677
5YR24HR	Pre 1100	BASE	4.00	33.48	35.43	710790	7.15	0.66	0.7127	0.1805
5YR24HR	Pre 1100	BASE	4.25	33.49	35.43	711474	8.89	0.79	0.8784	0.1955
5YR24HR	Pre 1100	BASE	4.50	33.50	35.43	712308	10.72	0.98	1.0809	0.2137
5YR24HR	Pre 1100	BASE	4.75	33.51	35.43	713295	12.62	1.25	1.3220	0.2367
5YR24HR	Pre 1100	BASE	5.00	33.53	35.43	714434	14.62	1.58	1.6034	0.2659

PRE Node Time Series

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
5YR24HR	Pre 1100	BASE	5.25	33.55	35.43	715727	16.74	2.02	1.9273	0.3031
5YR24HR	Pre 1100	BASE	5.50	33.57	35.43	717174	18.94	2.55	2.2959	0.3503
5YR24HR	Pre 1100	BASE	5.75	33.59	35.43	718770	21.20	3.21	2.7105	0.4098
5YR24HR	Pre 1100	BASE	6.00	33.61	35.43	720509	23.53	3.98	3.1726	0.4840
5YR24HR	Pre 1100	BASE	6.25	33.64	35.43	722392	26.10	4.89	3.6853	0.5757
5YR24HR	Pre 1100	BASE	6.50	33.66	35.43	724418	28.70	5.94	4.2514	0.6876
5YR24HR	Pre 1100	BASE	6.75	33.69	35.43	726574	31.31	7.14	4.8713	0.8227
5YR24HR	Pre 1100	BASE	7.00	33.72	35.43	728849	33.98	8.48	5.5459	0.9841
5YR24HR	Pre 1100	BASE	7.25	33.76	35.43	731241	36.87	9.98	6.2778	1.1749
5YR24HR	Pre 1100	BASE	7.50	33.79	35.43	733745	39.78	11.64	7.0696	1.3982
5YR24HR	Pre 1100	BASE	7.75	33.82	35.43	736346	42.68	13.45	7.9215	1.6575
5YR24HR	Pre 1100	BASE	8.00	33.86	35.43	739000	44.72	15.39	8.8244	1.9555
5YR24HR	Pre 1100	BASE	8.25	33.90	35.43	741628	46.40	17.40	9.7657	2.2943
5YR24HR	Pre 1100	BASE	8.50	33.93	35.43	744202	47.80	19.44	10.7388	2.6749
5YR24HR	Pre 1100	BASE	8.75	33.96	35.43	746717	49.44	21.51	11.7433	3.0980
5YR24HR	Pre 1100	BASE	9.00	34.00	35.43	749181	50.95	23.58	12.7804	3.5639
5YR24HR	Pre 1100	BASE	9.25	34.03	35.43	751583	52.29	25.58	13.8470	4.0718
5YR24HR	Pre 1100	BASE	9.50	34.06	35.43	753916	53.40	27.39	14.9388	4.6189
5YR24HR	Pre 1100	BASE	9.75	34.09	35.43	756201	54.70	28.90	16.0555	5.2004
5YR24HR	Pre 1100	BASE	10.00	34.12	35.43	758459	55.79	30.26	17.1969	5.8116
5YR24HR	Pre 1100	BASE	10.25	34.15	35.43	760711	57.31	31.51	18.3652	6.4497
5YR24HR	Pre 1100	BASE	10.50	34.18	35.43	762969	58.48	32.69	19.5614	7.1130
5YR24HR	Pre 1100	BASE	10.75	34.21	35.43	765237	60.02	33.82	20.7856	7.8001
5YR24HR	Pre 1100	BASE	11.00	34.25	35.43	767518	61.08	34.84	22.0366	8.5094
5YR24HR	Pre 1100	BASE	11.25	34.28	35.43	769785	61.85	35.78	23.3065	9.2389
5YR24HR	Pre 1100	BASE	11.50	34.31	35.43	772231	67.56	36.81	24.6433	9.9889
5YR24HR	Pre 1100	BASE	11.75	34.36	35.43	776148	99.32	39.13	26.3672	10.7735
5YR24HR	Pre 1100	BASE	12.00	34.46	35.43	783176	148.72	44.22	28.9296	11.6346
5YR24HR	Pre 1100	BASE	12.25	34.57	35.43	786342	146.18	53.70	31.9761	12.6462
5YR24HR	Pre 1100	BASE	12.50	34.66	35.43	788222	119.07	61.13	34.7163	13.8324
5YR24HR	Pre 1100	BASE	12.75	34.71	35.43	789304	95.55	65.88	36.9334	15.1444
5YR24HR	Pre 1100	BASE	13.00	34.73	35.43	789799	79.49	68.58	38.7416	16.5334
5YR24HR	Pre 1100	BASE	13.25	34.74	35.43	789923	69.49	69.99	40.2807	17.9649
5YR24HR	Pre 1100	BASE	13.50	34.73	35.43	789843	64.96	70.66	41.6696	19.4179
5YR24HR	Pre 1100	BASE	13.75	34.72	35.43	789652	61.31	70.90	42.9741	20.8804
5YR24HR	Pre 1100	BASE	14.00	34.71	35.43	789387	59.18	70.84	44.2187	22.3447
5YR24HR	Pre 1100	BASE	14.25	34.70	35.43	789077	57.36	70.57	45.4226	23.8056
5YR24HR	Pre 1100	BASE	14.50	34.68	35.43	788736	55.97	70.14	46.5934	25.2593
5YR24HR	Pre 1100	BASE	14.75	34.66	35.43	788372	54.41	69.57	47.7337	26.7027
5YR24HR	Pre 1100	BASE	15.00	34.65	35.43	787987	53.12	68.89	48.8445	28.1331
5YR24HR	Pre 1100	BASE	15.25	34.63	35.43	787589	51.95	68.11	49.9299	29.5483
5YR24HR	Pre 1100	BASE	15.50	34.61	35.43	787187	50.89	66.98	50.9923	30.9439
5YR24HR	Pre 1100	BASE	15.75	34.59	35.43	786786	49.59	65.74	52.0303	32.3149
5YR24HR	Pre 1100	BASE	16.00	34.57	35.43	786385	48.38	64.44	53.0424	33.6597
5YR24HR	Pre 1100	BASE	16.25	34.55	35.43	785985	47.13	63.12	54.0291	34.9775
5YR24HR	Pre 1100	BASE	16.50	34.54	35.43	785623	45.75	58.93	54.9885	36.2383
5YR24HR	Pre 1100	BASE	16.75	34.52	35.43	785288	44.36	58.04	55.9194	37.4466
5YR24HR	Pre 1100	BASE	17.00	34.51	35.43	784941	43.01	57.12	56.8219	38.6362
5YR24HR	Pre 1100	BASE	17.25	34.49	35.43	784584	41.68	56.18	57.6967	39.8066
5YR24HR	Pre 1100	BASE	17.50	34.47	35.43	784216	40.30	55.21	58.5436	40.9573
5YR24HR	Pre 1100	BASE	17.75	34.46	35.43	783078	38.51	54.20	59.3578	42.0875
5YR24HR	Pre 1100	BASE	18.00	34.44	35.43	781713	36.72	53.10	60.1350	43.1959
5YR24HR	Pre 1100	BASE	18.25	34.42	35.43	780297	35.15	51.95	60.8774	44.2812
5YR24HR	Pre 1100	BASE	18.50	34.40	35.43	778840	33.50	50.78	61.5865	45.3425
5YR24HR	Pre 1100	BASE	18.75	34.38	35.43	777321	31.36	49.56	62.2566	46.3791
5YR24HR	Pre 1100	BASE	19.00	34.36	35.43	775720	29.17	48.28	62.8819	47.3900
5YR24HR	Pre 1100	BASE	19.25	34.33	35.43	774047	27.11	46.90	63.4633	48.3733
5YR24HR	Pre 1100	BASE	19.50	34.31	35.43	772305	24.66	45.38	63.9982	49.3266
5YR24HR	Pre 1100	BASE	19.75	34.29	35.43	770455	21.69	43.77	64.4770	50.2477
5YR24HR	Pre 1100	BASE	20.00	34.26	35.43	768492	18.85	42.05	64.8958	51.1342
5YR24HR	Pre 1100	BASE	20.25	34.23	35.43	766444	16.02	39.97	65.2560	51.9815
5YR24HR	Pre 1100	BASE	20.50	34.20	35.43	764335	13.40	37.86	65.5599	52.7854
5YR24HR	Pre 1100	BASE	20.75	34.17	35.43	762188	11.01	35.71	65.8121	53.5454
5YR24HR	Pre 1100	BASE	21.00	34.14	35.43	760021	8.83	33.58	66.0171	54.2612
5YR24HR	Pre 1100	BASE	21.25	34.11	35.43	757855	6.96	31.49	66.1802	54.9334
5YR24HR	Pre 1100	BASE	21.50	34.09	35.43	755714	5.41	29.48	66.3081	55.5633
5YR24HR	Pre 1100	BASE	21.75	34.06	35.43	753618	7.32	27.55	66.4397	56.1524
5YR24HR	Pre 1100	BASE	22.00	34.03	35.43	751595	6.76	25.73	66.5852	56.7028
5YR24HR	Pre 1100	BASE	22.25	34.00	35.43	749686	6.69	24.05	66.7243	57.2170
5YR24HR	Pre 1100	BASE	22.50	33.98	35.43	747914	6.68	22.52	66.8624	57.6982
5YR24HR	Pre 1100	BASE	22.75	33.96	35.43	746260	6.52	21.13	66.9988	58.1492
5YR24HR	Pre 1100	BASE	23.00	33.94	35.43	744708	6.39	19.86	67.1322	58.5726
5YR24HR	Pre 1100	BASE	23.25	33.92	35.43	743253	6.31	18.68	67.2633	58.9707
5YR24HR	Pre 1100	BASE	23.50	33.90	35.43	741890	6.25	17.60	67.3930	59.3456
5YR24HR	Pre 1100	BASE	23.75	33.88	35.43	740607	6.06	16.61	67.5202	59.6990
5YR24HR	Pre 1100	BASE	24.00	33.87	35.43	739394	5.92	15.69	67.6440	60.0327
5YR24HR	Pre 1100	BASE	24.00	33.87	35.43	739394	5.92	15.69	67.6440	60.0329
5YR24HR	Pre 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000

PRE Node Time Series

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
5YR24HR	Pre 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	4.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	4.50	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	4.75	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	5.00	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	5.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	5.50	35.92	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 800	BASE	5.75	35.92	37.50	0	0.01	0.00	0.0001	0.0000
5YR24HR	Pre 800	BASE	6.00	35.92	37.50	0	0.02	0.00	0.0003	0.0000
5YR24HR	Pre 800	BASE	6.25	35.92	37.50	0	0.05	0.00	0.0011	0.0000
5YR24HR	Pre 800	BASE	6.50	35.92	37.50	0	0.08	0.00	0.0024	0.0000
5YR24HR	Pre 800	BASE	6.75	35.93	37.50	0	0.12	0.00	0.0045	0.0000
5YR24HR	Pre 800	BASE	7.00	35.93	37.50	0	0.15	0.00	0.0072	0.0000
5YR24HR	Pre 800	BASE	7.25	35.93	37.50	0	0.20	0.00	0.0108	0.0000
5YR24HR	Pre 800	BASE	7.50	35.93	37.50	0	0.24	0.00	0.0153	0.0000
5YR24HR	Pre 800	BASE	7.75	35.93	37.50	0	0.28	0.00	0.0208	0.0000
5YR24HR	Pre 800	BASE	8.00	35.94	37.50	0	0.32	0.00	0.0271	0.0000
5YR24HR	Pre 800	BASE	8.25	35.94	37.50	0	0.39	0.00	0.0344	0.0000
5YR24HR	Pre 800	BASE	8.50	35.94	37.50	0	0.45	0.00	0.0431	0.0000
5YR24HR	Pre 800	BASE	8.75	35.94	37.50	0	0.54	0.00	0.0534	0.0000
5YR24HR	Pre 800	BASE	9.00	35.95	37.50	0	0.62	0.00	0.0653	0.0000
5YR24HR	Pre 800	BASE	9.25	35.95	37.50	0	0.70	0.00	0.0789	0.0000
5YR24HR	Pre 800	BASE	9.50	35.95	37.50	0	0.78	0.00	0.0942	0.0000
5YR24HR	Pre 800	BASE	9.75	35.95	37.50	0	0.91	0.00	0.1116	0.0000
5YR24HR	Pre 800	BASE	10.00	35.95	37.50	0	1.02	0.00	0.1315	0.0000
5YR24HR	Pre 800	BASE	10.25	35.96	37.50	0	1.24	0.00	0.1549	0.0000
5YR24HR	Pre 800	BASE	10.50	35.96	37.50	0	1.42	0.00	0.1824	0.0000
5YR24HR	Pre 800	BASE	10.75	35.96	37.50	0	1.76	0.00	0.2153	0.0000
5YR24HR	Pre 800	BASE	11.00	35.96	37.50	0	2.04	0.00	0.2545	0.0000
5YR24HR	Pre 800	BASE	11.25	35.96	37.50	0	2.31	0.00	0.2994	0.0000
5YR24HR	Pre 800	BASE	11.50	35.97	37.50	0	3.61	0.00	0.3605	0.0000
5YR24HR	Pre 800	BASE	11.75	35.97	37.50	0	10.90	0.00	0.5104	0.0000
5YR24HR	Pre 800	BASE	12.00	35.97	37.50	0	24.28	0.00	0.8738	0.0000
5YR24HR	Pre 800	BASE	12.25	35.97	37.50	0	23.62	0.00	1.3686	0.0000
5YR24HR	Pre 800	BASE	12.50	35.97	37.50	0	16.93	0.00	1.7876	0.0000
5YR24HR	Pre 800	BASE	12.75	35.96	37.50	0	11.70	0.00	2.0834	0.0000
5YR24HR	Pre 800	BASE	13.00	35.96	37.50	0	7.98	0.00	2.2866	0.0000
5YR24HR	Pre 800	BASE	13.25	35.96	37.50	0	5.40	0.00	2.4249	0.0000
5YR24HR	Pre 800	BASE	13.50	35.96	37.50	0	4.08	0.00	2.5228	0.0000
5YR24HR	Pre 800	BASE	13.75	35.96	37.50	0	3.34	0.00	2.5995	0.0000
5YR24HR	Pre 800	BASE	14.00	35.95	37.50	0	2.98	0.00	2.6648	0.0000
5YR24HR	Pre 800	BASE	14.25	35.95	37.50	0	2.69	0.00	2.7234	0.0000
5YR24HR	Pre 800	BASE	14.50	35.95	37.50	0	2.51	0.00	2.7770	0.0000
5YR24HR	Pre 800	BASE	14.75	35.95	37.50	0	2.28	0.00	2.8265	0.0000
5YR24HR	Pre 800	BASE	15.00	35.95	37.50	0	2.13	0.00	2.8719	0.0000
5YR24HR	Pre 800	BASE	15.25	35.94	37.50	0	2.01	0.00	2.9147	0.0000
5YR24HR	Pre 800	BASE	15.50	35.94	37.50	0	1.94	0.00	2.9555	0.0000
5YR24HR	Pre 800	BASE	15.75	35.94	37.50	0	1.80	0.00	2.9941	0.0000
5YR24HR	Pre 800	BASE	16.00	35.94	37.50	0	1.71	0.00	3.0305	0.0000
5YR24HR	Pre 800	BASE	16.25	35.93	37.50	0	1.62	0.00	3.0649	0.0000
5YR24HR	Pre 800	BASE	16.50	35.93	37.50	0	1.56	0.00	3.0979	0.0000
5YR24HR	Pre 800	BASE	16.75	35.93	37.50	0	1.49	0.00	3.1294	0.0000
5YR24HR	Pre 800	BASE	17.00	35.93	37.50	0	1.44	0.00	3.1596	0.0000
5YR24HR	Pre 800	BASE	17.25	35.93	37.50	0	1.41	0.00	3.1890	0.0000
5YR24HR	Pre 800	BASE	17.50	35.92	37.50	0	1.40	0.00	3.2181	0.0000
5YR24HR	Pre 800	BASE	17.75	35.92	37.50	0	1.29	0.00	3.2459	0.0000
5YR24HR	Pre 800	BASE	18.00	35.92	37.50	0	1.22	0.00	3.2719	0.0000
5YR24HR	Pre 800	BASE	18.25	35.92	37.50	0	1.23	0.00	3.2972	0.0000
5YR24HR	Pre 800	BASE	18.50	35.92	37.50	0	1.25	0.00	3.3228	0.0000
5YR24HR	Pre 800	BASE	18.75	35.91	37.50	0	1.15	0.00	3.3477	0.0000
5YR24HR	Pre 800	BASE	19.00	35.91	37.50	0	1.09	0.00	3.3709	0.0000
5YR24HR	Pre 800	BASE	19.25	35.91	37.50	0	1.11	0.00	3.3935	0.0000
5YR24HR	Pre 800	BASE	19.50	35.91	37.50	0	1.13	0.00	3.4166	0.0000
5YR24HR	Pre 800	BASE	19.75	35.91	37.50	0	1.08	0.00	3.4395	0.0000
5YR24HR	Pre 800	BASE	20.00	35.90	37.50	0	1.05	0.00	3.4616	0.0000
5YR24HR	Pre 800	BASE	20.25	35.90	37.50	0	0.99	0.00	3.4826	0.0000
5YR24HR	Pre 800	BASE	20.50	35.90	37.50	0	0.94	0.00	3.5026	0.0000
5YR24HR	Pre 800	BASE	20.75	35.90	37.50	0	0.92	0.00	3.5217	0.0000
5YR24HR	Pre 800	BASE	21.00	35.89	37.50	0	0.91	0.00	3.5406	0.0000
5YR24HR	Pre 800	BASE	21.25	35.89	37.50	0	0.90	0.00	3.5592	0.0000
5YR24HR	Pre 800	BASE	21.50	35.89	37.50	0	0.90	0.00	3.5778	0.0000
5YR24HR	Pre 800	BASE	21.75	35.89	37.50	0	0.90	0.00	3.5964	0.0000
5YR24HR	Pre 800	BASE	22.00	35.89	37.50	0	0.90	0.00	3.6150	0.0000
5YR24HR	Pre 800	BASE	22.25	35.88	37.50	0	0.90	0.00	3.6336	0.0000
5YR24HR	Pre 800	BASE	22.50	35.88	37.50	0	0.90	0.00	3.6523	0.0000
5YR24HR	Pre 800	BASE	22.75	35.88	37.50	0	0.85	0.00	3.6703	0.0000
5YR24HR	Pre 800	BASE	23.00	35.88	37.50	0	0.81	0.00	3.6875	0.0000
5YR24HR	Pre 800	BASE	23.25	35.88	37.50	0	0.79	0.00	3.7040	0.0000

PRE Node Time Series

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
5YR24HR	Pre 800	BASE	23.50	35.87	37.50	0	0.78	0.00	3.7203	0.0000
5YR24HR	Pre 800	BASE	23.75	35.87	37.50	0	0.72	0.00	3.7358	0.0000
5YR24HR	Pre 800	BASE	24.00	35.87	37.50	0	0.68	0.00	3.7503	0.0000
5YR24HR	Pre 800	BASE	24.00	35.87	37.50	0	0.68	0.00	3.7503	0.0000
5YR24HR	Pre 900A	BASE	0.00	34.74	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	0.25	34.74	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	0.50	34.75	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	0.75	34.75	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	1.00	34.75	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	1.25	34.76	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	1.50	34.76	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	1.75	34.76	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	2.00	34.77	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	2.25	34.77	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	2.50	34.77	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	2.75	34.78	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	3.00	34.78	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	3.25	34.78	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	3.50	34.79	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	3.75	34.79	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	4.00	34.79	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	4.25	34.80	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	4.50	34.80	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	4.75	34.80	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	5.00	34.81	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	5.25	34.81	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	5.50	34.81	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	5.75	34.82	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	6.00	34.82	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	6.25	34.82	36.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Pre 900A	BASE	6.50	34.83	36.50	0	0.01	0.00	0.0001	0.0000
5YR24HR	Pre 900A	BASE	6.75	34.83	36.50	0	0.01	0.00	0.0003	0.0000
5YR24HR	Pre 900A	BASE	7.00	34.83	36.50	0	0.02	0.00	0.0006	0.0000
5YR24HR	Pre 900A	BASE	7.25	34.84	36.50	0	0.02	0.00	0.0010	0.0000
5YR24HR	Pre 900A	BASE	7.50	34.84	36.50	0	0.03	0.00	0.0015	0.0000
5YR24HR	Pre 900A	BASE	7.75	34.84	36.50	0	0.03	0.00	0.0021	0.0000
5YR24HR	Pre 900A	BASE	8.00	34.85	36.50	0	0.04	0.00	0.0029	0.0000
5YR24HR	Pre 900A	BASE	8.25	34.85	36.50	0	0.05	0.00	0.0038	0.0000
5YR24HR	Pre 900A	BASE	8.50	34.85	36.50	0	0.06	0.00	0.0050	0.0000
5YR24HR	Pre 900A	BASE	8.75	34.86	36.50	0	0.07	0.00	0.0063	0.0000
5YR24HR	Pre 900A	BASE	9.00	34.86	36.50	0	0.08	0.00	0.0079	0.0000
5YR24HR	Pre 900A	BASE	9.25	34.86	36.50	0	0.09	0.00	0.0097	0.0000
5YR24HR	Pre 900A	BASE	9.50	34.87	36.50	0	0.11	0.00	0.0118	0.0000
5YR24HR	Pre 900A	BASE	9.75	34.87	36.50	0	0.12	0.00	0.0142	0.0000
5YR24HR	Pre 900A	BASE	10.00	34.87	36.50	0	0.14	0.00	0.0170	0.0000
5YR24HR	Pre 900A	BASE	10.25	34.88	36.50	0	0.17	0.00	0.0202	0.0000
5YR24HR	Pre 900A	BASE	10.50	34.88	36.50	0	0.20	0.00	0.0241	0.0000
5YR24HR	Pre 900A	BASE	10.75	34.88	36.50	0	0.25	0.00	0.0287	0.0000
5YR24HR	Pre 900A	BASE	11.00	34.89	36.50	0	0.29	0.00	0.0343	0.0000
5YR24HR	Pre 900A	BASE	11.25	34.89	36.50	0	0.33	0.00	0.0407	0.0000
5YR24HR	Pre 900A	BASE	11.50	34.89	36.50	0	0.52	0.00	0.0494	0.0000
5YR24HR	Pre 900A	BASE	11.75	34.90	36.50	0	1.59	0.00	0.0712	0.0000
5YR24HR	Pre 900A	BASE	12.00	34.90	36.50	0	3.58	0.00	0.1246	0.0000
5YR24HR	Pre 900A	BASE	12.25	34.90	36.50	0	3.51	0.00	0.1978	0.0000
5YR24HR	Pre 900A	BASE	12.50	34.89	36.50	0	2.52	0.00	0.2600	0.0000
5YR24HR	Pre 900A	BASE	12.75	34.89	36.50	0	1.74	0.00	0.3041	0.0000
5YR24HR	Pre 900A	BASE	13.00	34.89	36.50	0	1.19	0.00	0.3344	0.0000
5YR24HR	Pre 900A	BASE	13.25	34.88	36.50	0	0.81	0.00	0.3551	0.0000
5YR24HR	Pre 900A	BASE	13.50	34.88	36.50	0	0.61	0.00	0.3698	0.0000
5YR24HR	Pre 900A	BASE	13.75	34.88	36.50	0	0.50	0.00	0.3813	0.0000
5YR24HR	Pre 900A	BASE	14.00	34.87	36.50	0	0.45	0.00	0.3911	0.0000
5YR24HR	Pre 900A	BASE	14.25	34.87	36.50	0	0.40	0.00	0.3999	0.0000
5YR24HR	Pre 900A	BASE	14.50	34.87	36.50	0	0.38	0.00	0.4080	0.0000
5YR24HR	Pre 900A	BASE	14.75	34.86	36.50	0	0.34	0.00	0.4154	0.0000
5YR24HR	Pre 900A	BASE	15.00	34.86	36.50	0	0.32	0.00	0.4223	0.0000
5YR24HR	Pre 900A	BASE	15.25	34.86	36.50	0	0.30	0.00	0.4287	0.0000
5YR24HR	Pre 900A	BASE	15.50	34.85	36.50	0	0.29	0.00	0.4348	0.0000
5YR24HR	Pre 900A	BASE	15.75	34.85	36.50	0	0.27	0.00	0.4406	0.0000
5YR24HR	Pre 900A	BASE	16.00	34.85	36.50	0	0.26	0.00	0.4461	0.0000
5YR24HR	Pre 900A	BASE	16.25	34.84	36.50	0	0.24	0.00	0.4513	0.0000
5YR24HR	Pre 900A	BASE	16.50	34.84	36.50	0	0.24	0.00	0.4563	0.0000
5YR24HR	Pre 900A	BASE	16.75	34.84	36.50	0	0.22	0.00	0.4610	0.0000
5YR24HR	Pre 900A	BASE	17.00	34.83	36.50	0	0.22	0.00	0.4655	0.0000
5YR24HR	Pre 900A	BASE	17.25	34.83	36.50	0	0.21	0.00	0.4700	0.0000
5YR24HR	Pre 900A	BASE	17.50	34.83	36.50	0	0.21	0.00	0.4744	0.0000
5YR24HR	Pre 900A	BASE	17.75	34.82	36.50	0	0.19	0.00	0.4786	0.0000
5YR24HR	Pre 900A	BASE	18.00	34.82	36.50	0	0.18	0.00	0.4825	0.0000
5YR24HR	Pre 900A	BASE	18.25	34.82	36.50	0	0.19	0.00	0.4863	0.0000
5YR24HR	Pre 900A	BASE	18.50	34.81	36.50	0	0.19	0.00	0.4902	0.0000
5YR24HR	Pre 900A	BASE	18.75	34.81	36.50	0	0.17	0.00	0.4939	0.0000
5YR24HR	Pre 900A	BASE	19.00	34.81	36.50	0	0.16	0.00	0.4974	0.0000
5YR24HR	Pre 900A	BASE	19.25	34.80	36.50	0	0.17	0.00	0.5008	0.0000
5YR24HR	Pre 900A	BASE	19.50	34.80	36.50	0	0.17	0.00	0.5043	0.0000
5YR24HR	Pre 900A	BASE	19.75	34.80	36.50	0	0.16	0.00	0.5077	0.0000
5YR24HR	Pre 900A	BASE	20.00	34.79	36.50	0	0.16	0.00	0.5111	0.0000

PRE Node Time Series

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
5YR24HR	Pre 900A	BASE	20.25	34.79	36.50	0	0.15	0.00	0.5142	0.0000
5YR24HR	Pre 900A	BASE	20.50	34.79	36.50	0	0.14	0.00	0.5172	0.0000
5YR24HR	Pre 900A	BASE	20.75	34.78	36.50	0	0.14	0.00	0.5201	0.0000
5YR24HR	Pre 900A	BASE	21.00	34.78	36.50	0	0.14	0.00	0.5230	0.0000
5YR24HR	Pre 900A	BASE	21.25	34.78	36.50	0	0.14	0.00	0.5258	0.0000
5YR24HR	Pre 900A	BASE	21.50	34.77	36.50	0	0.14	0.00	0.5286	0.0000
5YR24HR	Pre 900A	BASE	21.75	34.77	36.50	0	0.14	0.00	0.5314	0.0000
5YR24HR	Pre 900A	BASE	22.00	34.77	36.50	0	0.14	0.00	0.5342	0.0000
5YR24HR	Pre 900A	BASE	22.25	34.76	36.50	0	0.14	0.00	0.5370	0.0000
5YR24HR	Pre 900A	BASE	22.50	34.76	36.50	0	0.14	0.00	0.5398	0.0000
5YR24HR	Pre 900A	BASE	22.75	34.76	36.50	0	0.13	0.00	0.5426	0.0000
5YR24HR	Pre 900A	BASE	23.00	34.75	36.50	0	0.12	0.00	0.5451	0.0000
5YR24HR	Pre 900A	BASE	23.25	34.75	36.50	0	0.12	0.00	0.5476	0.0000
5YR24HR	Pre 900A	BASE	23.50	34.75	36.50	0	0.12	0.00	0.5501	0.0000
5YR24HR	Pre 900A	BASE	23.75	34.74	36.50	0	0.11	0.00	0.5524	0.0000
5YR24HR	Pre 900A	BASE	24.00	34.74	36.50	0	0.10	0.00	0.5546	0.0000
5YR24HR	Pre 900A	BASE	24.00	34.74	36.50	0	0.10	0.00	0.5546	0.0000
Mean Annual	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
Mean Annual	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
Mean Annual	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
Mean Annual	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
Mean Annual	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
Mean Annual	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
Mean Annual	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
Mean Annual	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
Mean Annual	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
Mean Annual	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
Mean Annual	1600	BASE	2.50	33.10	35.03	0	-0.64	0.00	-0.4672	0.0000
Mean Annual	1600	BASE	2.75	33.12	35.03	0	-0.64	0.00	-0.4803	0.0000
Mean Annual	1600	BASE	3.00	33.14	35.03	0	-0.64	0.00	-0.4935	0.0000
Mean Annual	1600	BASE	3.25	33.16	35.03	0	-0.64	0.00	-0.5067	0.0000
Mean Annual	1600	BASE	3.50	33.18	35.03	0	-0.64	0.00	-0.5200	0.0000
Mean Annual	1600	BASE	3.75	33.20	35.03	0	-0.64	0.00	-0.5333	0.0000
Mean Annual	1600	BASE	4.00	33.22	35.03	0	-0.64	0.00	-0.5466	0.0000
Mean Annual	1600	BASE	4.25	33.24	35.03	0	-0.63	0.00	-0.5597	0.0000
Mean Annual	1600	BASE	4.50	33.26	35.03	0	-0.61	0.00	-0.5725	0.0000
Mean Annual	1600	BASE	4.75	33.28	35.03	0	-0.58	0.00	-0.5848	0.0000
Mean Annual	1600	BASE	5.00	33.30	35.03	0	-0.56	0.00	-0.5966	0.0000
Mean Annual	1600	BASE	5.25	33.32	35.03	0	-0.53	0.00	-0.6079	0.0000
Mean Annual	1600	BASE	5.50	33.34	35.03	0	-0.50	0.00	-0.6186	0.0000
Mean Annual	1600	BASE	5.75	33.35	35.03	0	-0.48	0.00	-0.6287	0.0000
Mean Annual	1600	BASE	6.00	33.37	35.03	0	-0.45	0.00	-0.6384	0.0000
Mean Annual	1600	BASE	6.25	33.39	35.03	0	-0.42	0.00	-0.6473	0.0000
Mean Annual	1600	BASE	6.50	33.41	35.03	0	-0.38	0.00	-0.6555	0.0000
Mean Annual	1600	BASE	6.75	33.43	35.03	0	-0.34	0.00	-0.6629	0.0000
Mean Annual	1600	BASE	7.00	33.45	35.03	0	-0.31	0.00	-0.6696	0.0000
Mean Annual	1600	BASE	7.25	33.47	35.03	0	-0.26	0.00	-0.6755	0.0000
Mean Annual	1600	BASE	7.50	33.49	35.03	0	-0.21	0.00	-0.6804	0.0000
Mean Annual	1600	BASE	7.75	33.51	35.03	0	-0.17	0.00	-0.6844	0.0000
Mean Annual	1600	BASE	8.00	33.53	35.03	0	-0.14	0.00	-0.6876	0.0000
Mean Annual	1600	BASE	8.25	33.55	35.03	0	-0.08	0.00	-0.6898	0.0000
Mean Annual	1600	BASE	8.50	33.57	35.03	0	-0.01	0.00	-0.6908	0.0000
Mean Annual	1600	BASE	8.75	33.59	35.03	0	0.07	0.00	-0.6902	0.0000
Mean Annual	1600	BASE	9.00	33.61	35.03	0	0.15	0.00	-0.6879	0.0000
Mean Annual	1600	BASE	9.25	33.63	35.03	0	0.23	0.00	-0.6840	0.0000
Mean Annual	1600	BASE	9.50	33.64	35.03	0	0.30	0.00	-0.6785	0.0000
Mean Annual	1600	BASE	9.75	33.66	35.03	0	0.41	0.00	-0.6712	0.0000
Mean Annual	1600	BASE	10.00	33.68	35.03	0	0.52	0.00	-0.6615	0.0000
Mean Annual	1600	BASE	10.25	33.70	35.03	0	0.71	0.00	-0.6487	0.0000
Mean Annual	1600	BASE	10.50	33.72	35.03	0	0.89	0.00	-0.6322	0.0000
Mean Annual	1600	BASE	10.75	33.74	35.03	0	1.18	0.00	-0.6108	0.0000
Mean Annual	1600	BASE	11.00	33.76	35.03	0	1.45	0.00	-0.5836	0.0000
Mean Annual	1600	BASE	11.25	33.78	35.03	0	1.69	0.00	-0.5512	0.0000
Mean Annual	1600	BASE	11.50	33.80	35.03	0	2.68	0.00	-0.5061	0.0000
Mean Annual	1600	BASE	11.75	33.82	35.03	0	7.92	0.00	-0.3966	0.0000
Mean Annual	1600	BASE	12.00	33.84	35.03	0	17.37	0.00	-0.1354	0.0000
Mean Annual	1600	BASE	12.25	33.86	35.03	0	19.61	0.00	0.2467	0.0000
Mean Annual	1600	BASE	12.50	33.88	35.03	0	15.60	0.00	0.6105	0.0000
Mean Annual	1600	BASE	12.75	33.90	35.03	0	10.95	0.00	0.8848	0.0000
Mean Annual	1600	BASE	13.00	33.88	35.03	0	8.97	0.00	1.0906	0.0000
Mean Annual	1600	BASE	13.25	33.86	35.03	0	6.57	0.00	1.2512	0.0000
Mean Annual	1600	BASE	13.50	33.84	35.03	0	5.18	0.00	1.3725	0.0000
Mean Annual	1600	BASE	13.75	33.82	35.03	0	4.40	0.00	1.4715	0.0000
Mean Annual	1600	BASE	14.00	33.79	35.03	0	3.96	0.00	1.5579	0.0000
Mean Annual	1600	BASE	14.25	33.77	35.03	0	3.61	0.00	1.6361	0.0000
Mean Annual	1600	BASE	14.50	33.75	35.03	0	3.35	0.00	1.7080	0.0000
Mean Annual	1600	BASE	14.75	33.73	35.03	0	3.08	0.00	1.7744	0.0000
Mean Annual	1600	BASE	15.00	33.71	35.03	0	2.86	0.00	1.8357	0.0000
Mean Annual	1600	BASE	15.25	33.68	35.03	0	2.69	0.00	1.8930	0.0000
Mean Annual	1600	BASE	15.50	33.66	35.03	0	2.56	0.00	1.9472	0.0000
Mean Annual	1600	BASE	15.75	33.64	35.03	0	2.41	0.00	1.9985	0.0000
Mean Annual	1600	BASE	16.00	33.62	35.03	0	2.30	0.00	2.0473	0.0000
Mean Annual	1600	BASE	16.25	33.60	35.03	0	2.21	0.00	2.0939	0.0000
Mean Annual	1600	BASE	16.50	33.57	35.03	0	2.15	0.00	2.1390	0.0000
Mean Annual	1600	BASE	16.75	33.55	35.03	0	2.08	0.00	2.1827	0.0000

PRE Node Time Series

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
Mean Annual	1600	BASE	17.00	33.53	35.03	0	2.02	0.00	2.2250	0.0000
Mean Annual	1600	BASE	17.25	33.51	35.03	0	1.99	0.00	2.2665	0.0000
Mean Annual	1600	BASE	17.50	33.48	35.03	0	1.97	0.00	2.3074	0.0000
Mean Annual	1600	BASE	17.75	33.46	35.03	0	1.90	0.00	2.3474	0.0000
Mean Annual	1600	BASE	18.00	33.44	35.03	0	1.82	0.00	2.3858	0.0000
Mean Annual	1600	BASE	18.25	33.42	35.03	0	1.81	0.00	2.4234	0.0000
Mean Annual	1600	BASE	18.50	33.40	35.03	0	1.82	0.00	2.4609	0.0000
Mean Annual	1600	BASE	18.75	33.37	35.03	0	1.76	0.00	2.4979	0.0000
Mean Annual	1600	BASE	19.00	33.35	35.03	0	1.70	0.00	2.5336	0.0000
Mean Annual	1600	BASE	19.25	33.33	35.03	0	1.69	0.00	2.5686	0.0000
Mean Annual	1600	BASE	19.50	33.31	35.03	0	1.70	0.00	2.6036	0.0000
Mean Annual	1600	BASE	19.75	33.29	35.03	0	1.67	0.00	2.6385	0.0000
Mean Annual	1600	BASE	20.00	33.26	35.03	0	1.64	0.00	2.6727	0.0000
Mean Annual	1600	BASE	20.25	33.24	35.03	0	1.59	0.00	2.7062	0.0000
Mean Annual	1600	BASE	20.50	33.22	35.03	0	1.55	0.00	2.7386	0.0000
Mean Annual	1600	BASE	20.75	33.20	35.03	0	1.52	0.00	2.7704	0.0000
Mean Annual	1600	BASE	21.00	33.18	35.03	0	1.51	0.00	2.8017	0.0000
Mean Annual	1600	BASE	21.25	33.15	35.03	0	1.50	0.00	2.8327	0.0000
Mean Annual	1600	BASE	21.50	33.13	35.03	0	1.49	0.00	2.8635	0.0000
Mean Annual	1600	BASE	21.75	33.11	35.03	0	1.49	0.00	2.8943	0.0000
Mean Annual	1600	BASE	22.00	33.09	35.03	0	1.48	0.00	2.9249	0.0000
Mean Annual	1600	BASE	22.25	33.06	35.03	0	1.48	0.00	2.9555	0.0000
Mean Annual	1600	BASE	22.50	33.04	35.03	0	1.48	0.00	2.9860	0.0000
Mean Annual	1600	BASE	22.75	33.02	35.03	0	1.44	0.00	3.0162	0.0000
Mean Annual	1600	BASE	23.00	33.00	35.03	0	1.41	0.00	3.0456	0.0000
Mean Annual	1600	BASE	23.25	32.98	35.03	0	1.39	0.00	3.0745	0.0000
Mean Annual	1600	BASE	23.50	32.95	35.03	0	1.37	0.00	3.1030	0.0000
Mean Annual	1600	BASE	23.75	32.93	35.03	0	1.33	0.00	3.1309	0.0000
Mean Annual	1600	BASE	24.00	32.91	35.03	0	1.29	0.00	3.1580	0.0000
Mean Annual	1600	BASE	24.00	32.91	35.03	0	1.29	0.00	3.1580	0.0000
Mean Annual	Pre 1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
Mean Annual	Pre 1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
Mean Annual	Pre 1100	BASE	0.50	33.46	35.43	709838	3.34	0.55	-0.4104	0.0229
Mean Annual	Pre 1100	BASE	0.75	33.46	35.43	709808	3.34	0.54	-0.3415	0.0342
Mean Annual	Pre 1100	BASE	1.00	33.46	35.43	709778	3.34	0.54	-0.2725	0.0454
Mean Annual	Pre 1100	BASE	1.25	33.46	35.43	709748	3.34	0.54	-0.2035	0.0566
Mean Annual	Pre 1100	BASE	1.50	33.46	35.43	709719	3.34	0.54	-0.1345	0.0677
Mean Annual	Pre 1100	BASE	1.75	33.46	35.43	709689	3.34	0.53	-0.0655	0.0787
Mean Annual	Pre 1100	BASE	2.00	33.46	35.43	709660	3.34	0.53	0.0035	0.0897
Mean Annual	Pre 1100	BASE	2.25	33.46	35.43	709632	3.39	0.53	0.0730	0.1006
Mean Annual	Pre 1100	BASE	2.50	33.46	35.43	709608	3.46	0.52	0.1437	0.1115
Mean Annual	Pre 1100	BASE	2.75	33.46	35.43	709596	3.89	0.52	0.2196	0.1223
Mean Annual	Pre 1100	BASE	3.00	33.46	35.43	709622	4.31	0.53	0.3042	0.1332
Mean Annual	Pre 1100	BASE	3.25	33.46	35.43	709700	2.50	0.53	0.3745	0.1441
Mean Annual	Pre 1100	BASE	3.50	33.46	35.43	709842	3.74	0.55	0.4390	0.1553
Mean Annual	Pre 1100	BASE	3.75	33.47	35.43	710055	5.13	0.57	0.5306	0.1668
Mean Annual	Pre 1100	BASE	4.00	33.48	35.43	710523	6.65	0.62	0.6524	0.1791
Mean Annual	Pre 1100	BASE	4.25	33.48	35.43	711162	8.34	0.72	0.8073	0.1929
Mean Annual	Pre 1100	BASE	4.50	33.50	35.43	711951	10.13	0.89	0.9981	0.2097
Mean Annual	Pre 1100	BASE	4.75	33.51	35.43	712891	12.01	1.13	1.2268	0.2306
Mean Annual	Pre 1100	BASE	5.00	33.52	35.43	713985	13.98	1.44	1.4953	0.2572
Mean Annual	Pre 1100	BASE	5.25	33.54	35.43	715233	16.08	1.84	1.8059	0.2912
Mean Annual	Pre 1100	BASE	5.50	33.56	35.43	716636	18.25	2.35	2.1605	0.3345
Mean Annual	Pre 1100	BASE	5.75	33.58	35.43	718189	20.50	2.96	2.5607	0.3893
Mean Annual	Pre 1100	BASE	6.00	33.60	35.43	719888	22.82	3.70	3.0082	0.4581
Mean Annual	Pre 1100	BASE	6.25	33.63	35.43	721733	25.32	4.56	3.5056	0.5435
Mean Annual	Pre 1100	BASE	6.50	33.65	35.43	723719	27.88	5.57	4.0552	0.6482
Mean Annual	Pre 1100	BASE	6.75	33.68	35.43	725837	30.47	6.72	4.6581	0.7751
Mean Annual	Pre 1100	BASE	7.00	33.71	35.43	728078	33.12	8.02	5.3151	0.9274
Mean Annual	Pre 1100	BASE	7.25	33.74	35.43	730436	35.95	9.47	6.0287	1.1081
Mean Annual	Pre 1100	BASE	7.50	33.78	35.43	732906	38.82	11.08	6.8011	1.3203
Mean Annual	Pre 1100	BASE	7.75	33.81	35.43	735475	41.70	12.84	7.6328	1.5673
Mean Annual	Pre 1100	BASE	8.00	33.85	35.43	738108	43.84	14.73	8.5165	1.8521
Mean Annual	Pre 1100	BASE	8.25	33.88	35.43	740719	45.47	16.70	9.4391	2.1768
Mean Annual	Pre 1100	BASE	8.50	33.92	35.43	743277	46.83	18.70	10.3927	2.5425
Mean Annual	Pre 1100	BASE	8.75	33.95	35.43	745765	48.17	20.72	11.3741	2.9497
Mean Annual	Pre 1100	BASE	9.00	33.98	35.43	748177	49.34	22.73	12.3814	3.3986
Mean Annual	Pre 1100	BASE	9.25	34.02	35.43	750506	50.43	24.65	13.4120	3.8880
Mean Annual	Pre 1100	BASE	9.50	34.05	35.43	752756	51.39	26.39	14.4639	4.4152
Mean Annual	Pre 1100	BASE	9.75	34.08	35.43	754951	52.50	27.83	15.5372	4.9754
Mean Annual	Pre 1100	BASE	10.00	34.10	35.43	757119	53.67	29.09	16.6340	5.5634
Mean Annual	Pre 1100	BASE	10.25	34.13	35.43	759296	55.23	30.27	17.7590	6.1767
Mean Annual	Pre 1100	BASE	10.50	34.16	35.43	761490	56.47	31.38	18.9128	6.8135
Mean Annual	Pre 1100	BASE	10.75	34.19	35.43	763703	57.92	32.44	20.0946	7.4728
Mean Annual	Pre 1100	BASE	11.00	34.22	35.43	765921	58.85	33.42	21.3008	8.1532
Mean Annual	Pre 1100	BASE	11.25	34.25	35.43	768122	59.51	34.28	22.5235	8.8525
Mean Annual	Pre 1100	BASE	11.50	34.28	35.43	770434	63.31	35.17	23.7923	9.5700
Mean Annual	Pre 1100	BASE	11.75	34.33	35.43	773691	84.27	36.84	25.3169	10.3139
Mean Annual	Pre 1100	BASE	12.00	34.40	35.43	779264	124.20	40.58	27.4705	11.1137
Mean Annual	Pre 1100	BASE	12.25	34.50	35.43	784719	123.78	48.48	30.0323	12.0337
Mean Annual	Pre 1100	BASE	12.50	34.57	35.43	786279	103.97	54.80	32.3852	13.1006
Mean Annual	Pre 1100	BASE	12.75	34.61	35.43	787226	86.30	59.07	34.3508	14.2769
Mean Annual	Pre 1100	BASE	13.00	34.63	35.43	787711	74.01	61.74	36.0068	15.5250
Mean Annual	Pre 1100	BASE	13.25	34.64	35.43	787897	66.39	63.37	37.4572	16.8174
Mean Annual	Pre 1100	BASE	13.50	34.64	35.43	787915	63.00	64.37	38.7939	18.1370

PRE Node Time Series

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
Mean Annual	Pre 1100	BASE	13.75	34.64	35.43	787834	59.93	64.97	40.0640	19.4731
Mean Annual	Pre 1100	BASE	14.00	34.63	35.43	787681	58.05	65.27	41.2828	20.8186
Mean Annual	Pre 1100	BASE	14.25	34.62	35.43	787479	56.42	65.35	42.4653	22.1680
Mean Annual	Pre 1100	BASE	14.50	34.61	35.43	787241	55.11	65.26	43.6174	23.5173
Mean Annual	Pre 1100	BASE	14.75	34.60	35.43	786975	53.66	64.88	44.7411	24.8616
Mean Annual	Pre 1100	BASE	15.00	34.59	35.43	786685	52.43	64.47	45.8371	26.1979
Mean Annual	Pre 1100	BASE	15.25	34.57	35.43	786377	51.28	63.95	46.9086	27.5245
Mean Annual	Pre 1100	BASE	15.50	34.56	35.43	786059	50.22	63.06	47.9572	28.8366
Mean Annual	Pre 1100	BASE	15.75	34.54	35.43	785735	48.96	62.08	48.9818	30.1293
Mean Annual	Pre 1100	BASE	16.00	34.53	35.43	785406	47.77	61.04	49.9811	31.4012
Mean Annual	Pre 1100	BASE	16.25	34.51	35.43	785073	46.53	59.95	50.9552	32.6510
Mean Annual	Pre 1100	BASE	16.50	34.50	35.43	784763	45.18	56.65	51.9026	33.8555
Mean Annual	Pre 1100	BASE	16.75	34.48	35.43	784469	43.81	55.87	52.8219	35.0180
Mean Annual	Pre 1100	BASE	17.00	34.47	35.43	784161	42.45	55.06	53.7129	36.1640
Mean Annual	Pre 1100	BASE	17.25	34.46	35.43	783095	41.09	54.21	54.5760	37.2929
Mean Annual	Pre 1100	BASE	17.50	34.44	35.43	781957	39.68	53.29	55.4104	38.4035
Mean Annual	Pre 1100	BASE	17.75	34.42	35.43	780763	37.93	52.33	56.2122	39.4946
Mean Annual	Pre 1100	BASE	18.00	34.41	35.43	779501	36.15	51.31	56.9775	40.5653
Mean Annual	Pre 1100	BASE	18.25	34.39	35.43	778179	34.53	50.25	57.7076	41.6145
Mean Annual	Pre 1100	BASE	18.50	34.37	35.43	776806	32.82	49.15	58.4033	42.6415
Mean Annual	Pre 1100	BASE	18.75	34.35	35.43	775363	30.71	48.00	59.0596	43.6451
Mean Annual	Pre 1100	BASE	19.00	34.33	35.43	773835	28.51	46.72	59.6714	44.6236
Mean Annual	Pre 1100	BASE	19.25	34.31	35.43	772233	26.33	45.32	60.2379	45.5744
Mean Annual	Pre 1100	BASE	19.50	34.29	35.43	770544	23.65	43.85	60.7542	46.4956
Mean Annual	Pre 1100	BASE	19.75	34.26	35.43	768734	20.69	42.27	61.2122	47.3852
Mean Annual	Pre 1100	BASE	20.00	34.24	35.43	766819	17.86	40.34	61.6104	48.2387
Mean Annual	Pre 1100	BASE	20.25	34.21	35.43	764826	15.08	38.35	61.9507	49.0516
Mean Annual	Pre 1100	BASE	20.50	34.18	35.43	762771	12.50	36.29	62.2355	49.8226
Mean Annual	Pre 1100	BASE	20.75	34.15	35.43	760674	10.10	34.22	62.4689	50.5510
Mean Annual	Pre 1100	BASE	21.00	34.12	35.43	758554	7.99	32.16	62.6557	51.2367
Mean Annual	Pre 1100	BASE	21.25	34.10	35.43	756433	6.16	30.15	62.8019	51.8804
Mean Annual	Pre 1100	BASE	21.50	34.07	35.43	754334	4.63	28.20	62.9134	52.4832
Mean Annual	Pre 1100	BASE	21.75	34.04	35.43	752276	6.55	26.34	63.0290	53.0466
Mean Annual	Pre 1100	BASE	22.00	34.01	35.43	750285	6.00	24.57	63.1587	53.5726
Mean Annual	Pre 1100	BASE	22.25	33.99	35.43	748406	5.93	22.94	63.2819	54.0634
Mean Annual	Pre 1100	BASE	22.50	33.96	35.43	746660	5.92	21.47	63.4044	54.5222
Mean Annual	Pre 1100	BASE	22.75	33.94	35.43	745029	5.80	20.12	63.5255	54.9518
Mean Annual	Pre 1100	BASE	23.00	33.92	35.43	743500	5.69	18.88	63.6442	55.3547
Mean Annual	Pre 1100	BASE	23.25	33.90	35.43	742068	5.63	17.74	63.7612	55.7330
Mean Annual	Pre 1100	BASE	23.50	33.88	35.43	740726	5.59	16.70	63.8771	56.0888
Mean Annual	Pre 1100	BASE	23.75	33.87	35.43	739463	5.44	15.74	63.9911	56.4240
Mean Annual	Pre 1100	BASE	24.00	33.85	35.43	738270	5.33	14.85	64.1024	56.7400
Mean Annual	Pre 1100	BASE	24.00	33.85	35.43	738270	5.33	14.85	64.1025	56.7402
Mean Annual	Pre 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	4.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	4.50	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	4.75	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	5.00	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	5.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	5.50	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	5.75	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	6.00	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	6.25	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	6.50	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	6.75	35.93	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 800	BASE	7.00	35.93	37.50	0	0.01	0.00	0.0001	0.0000
Mean Annual	Pre 800	BASE	7.25	35.93	37.50	0	0.03	0.00	0.0004	0.0000
Mean Annual	Pre 800	BASE	7.50	35.93	37.50	0	0.05	0.00	0.0012	0.0000
Mean Annual	Pre 800	BASE	7.75	35.93	37.50	0	0.08	0.00	0.0025	0.0000
Mean Annual	Pre 800	BASE	8.00	35.94	37.50	0	0.10	0.00	0.0044	0.0000
Mean Annual	Pre 800	BASE	8.25	35.94	37.50	0	0.14	0.00	0.0070	0.0000
Mean Annual	Pre 800	BASE	8.50	35.94	37.50	0	0.18	0.00	0.0103	0.0000
Mean Annual	Pre 800	BASE	8.75	35.94	37.50	0	0.23	0.00	0.0146	0.0000
Mean Annual	Pre 800	BASE	9.00	35.95	37.50	0	0.28	0.00	0.0199	0.0000
Mean Annual	Pre 800	BASE	9.25	35.95	37.50	0	0.34	0.00	0.0263	0.0000
Mean Annual	Pre 800	BASE	9.50	35.95	37.50	0	0.39	0.00	0.0338	0.0000
Mean Annual	Pre 800	BASE	9.75	35.95	37.50	0	0.47	0.00	0.0426	0.0000
Mean Annual	Pre 800	BASE	10.00	35.95	37.50	0	0.55	0.00	0.0532	0.0000
Mean Annual	Pre 800	BASE	10.25	35.96	37.50	0	0.68	0.00	0.0658	0.0000

PRE Node Time Series

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
Mean Annual	Pre 800	BASE	10.50	35.96	37.50	0	0.80	0.00	0.0812	0.0000
Mean Annual	Pre 800	BASE	10.75	35.96	37.50	0	1.02	0.00	0.1000	0.0000
Mean Annual	Pre 800	BASE	11.00	35.96	37.50	0	1.21	0.00	0.1230	0.0000
Mean Annual	Pre 800	BASE	11.25	35.96	37.50	0	1.39	0.00	0.1498	0.0000
Mean Annual	Pre 800	BASE	11.50	35.97	37.50	0	2.23	0.00	0.1873	0.0000
Mean Annual	Pre 800	BASE	11.75	35.97	37.50	0	7.07	0.00	0.2834	0.0000
Mean Annual	Pre 800	BASE	12.00	35.97	37.50	0	16.53	0.00	0.5271	0.0000
Mean Annual	Pre 800	BASE	12.25	35.97	37.50	0	16.44	0.00	0.8677	0.0000
Mean Annual	Pre 800	BASE	12.50	35.97	37.50	0	11.90	0.00	1.1604	0.0000
Mean Annual	Pre 800	BASE	12.75	35.96	37.50	0	8.28	0.00	1.3688	0.0000
Mean Annual	Pre 800	BASE	13.00	35.96	37.50	0	5.70	0.00	1.5132	0.0000
Mean Annual	Pre 800	BASE	13.25	35.96	37.50	0	3.89	0.00	1.6122	0.0000
Mean Annual	Pre 800	BASE	13.50	35.96	37.50	0	2.96	0.00	1.6830	0.0000
Mean Annual	Pre 800	BASE	13.75	35.96	37.50	0	2.43	0.00	1.7386	0.0000
Mean Annual	Pre 800	BASE	14.00	35.95	37.50	0	2.17	0.00	1.7861	0.0000
Mean Annual	Pre 800	BASE	14.25	35.95	37.50	0	1.96	0.00	1.8287	0.0000
Mean Annual	Pre 800	BASE	14.50	35.95	37.50	0	1.83	0.00	1.8678	0.0000
Mean Annual	Pre 800	BASE	14.75	35.95	37.50	0	1.66	0.00	1.9039	0.0000
Mean Annual	Pre 800	BASE	15.00	35.95	37.50	0	1.55	0.00	1.9371	0.0000
Mean Annual	Pre 800	BASE	15.25	35.94	37.50	0	1.47	0.00	1.9683	0.0000
Mean Annual	Pre 800	BASE	15.50	35.94	37.50	0	1.42	0.00	1.9982	0.0000
Mean Annual	Pre 800	BASE	15.75	35.94	37.50	0	1.32	0.00	2.0265	0.0000
Mean Annual	Pre 800	BASE	16.00	35.94	37.50	0	1.26	0.00	2.0531	0.0000
Mean Annual	Pre 800	BASE	16.25	35.93	37.50	0	1.19	0.00	2.0783	0.0000
Mean Annual	Pre 800	BASE	16.50	35.93	37.50	0	1.15	0.00	2.1025	0.0000
Mean Annual	Pre 800	BASE	16.75	35.93	37.50	0	1.09	0.00	2.1256	0.0000
Mean Annual	Pre 800	BASE	17.00	35.93	37.50	0	1.05	0.00	2.1478	0.0000
Mean Annual	Pre 800	BASE	17.25	35.93	37.50	0	1.04	0.00	2.1694	0.0000
Mean Annual	Pre 800	BASE	17.50	35.92	37.50	0	1.03	0.00	2.1908	0.0000
Mean Annual	Pre 800	BASE	17.75	35.92	37.50	0	0.95	0.00	2.2112	0.0000
Mean Annual	Pre 800	BASE	18.00	35.92	37.50	0	0.89	0.00	2.2303	0.0000
Mean Annual	Pre 800	BASE	18.25	35.92	37.50	0	0.91	0.00	2.2489	0.0000
Mean Annual	Pre 800	BASE	18.50	35.92	37.50	0	0.92	0.00	2.2678	0.0000
Mean Annual	Pre 800	BASE	18.75	35.91	37.50	0	0.85	0.00	2.2861	0.0000
Mean Annual	Pre 800	BASE	19.00	35.91	37.50	0	0.80	0.00	2.3032	0.0000
Mean Annual	Pre 800	BASE	19.25	35.91	37.50	0	0.82	0.00	2.3199	0.0000
Mean Annual	Pre 800	BASE	19.50	35.91	37.50	0	0.83	0.00	2.3369	0.0000
Mean Annual	Pre 800	BASE	19.75	35.91	37.50	0	0.80	0.00	2.3537	0.0000
Mean Annual	Pre 800	BASE	20.00	35.90	37.50	0	0.78	0.00	2.3700	0.0000
Mean Annual	Pre 800	BASE	20.25	35.90	37.50	0	0.73	0.00	2.3856	0.0000
Mean Annual	Pre 800	BASE	20.50	35.90	37.50	0	0.69	0.00	2.4003	0.0000
Mean Annual	Pre 800	BASE	20.75	35.90	37.50	0	0.68	0.00	2.4144	0.0000
Mean Annual	Pre 800	BASE	21.00	35.89	37.50	0	0.67	0.00	2.4283	0.0000
Mean Annual	Pre 800	BASE	21.25	35.89	37.50	0	0.67	0.00	2.4421	0.0000
Mean Annual	Pre 800	BASE	21.50	35.89	37.50	0	0.66	0.00	2.4559	0.0000
Mean Annual	Pre 800	BASE	21.75	35.89	37.50	0	0.67	0.00	2.4696	0.0000
Mean Annual	Pre 800	BASE	22.00	35.89	37.50	0	0.67	0.00	2.4833	0.0000
Mean Annual	Pre 800	BASE	22.25	35.88	37.50	0	0.67	0.00	2.4971	0.0000
Mean Annual	Pre 800	BASE	22.50	35.88	37.50	0	0.67	0.00	2.5109	0.0000
Mean Annual	Pre 800	BASE	22.75	35.88	37.50	0	0.63	0.00	2.5242	0.0000
Mean Annual	Pre 800	BASE	23.00	35.88	37.50	0	0.60	0.00	2.5369	0.0000
Mean Annual	Pre 800	BASE	23.25	35.88	37.50	0	0.59	0.00	2.5492	0.0000
Mean Annual	Pre 800	BASE	23.50	35.87	37.50	0	0.58	0.00	2.5612	0.0000
Mean Annual	Pre 800	BASE	23.75	35.87	37.50	0	0.53	0.00	2.5727	0.0000
Mean Annual	Pre 800	BASE	24.00	35.87	37.50	0	0.50	0.00	2.5834	0.0000
Mean Annual	Pre 800	BASE	24.00	35.87	37.50	0	0.50	0.00	2.5834	0.0000
Mean Annual	Pre 900A	BASE	0.00	34.74	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	0.25	34.74	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	0.50	34.75	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	0.75	34.75	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	1.00	34.75	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	1.25	34.76	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	1.50	34.76	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	1.75	34.76	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	2.00	34.77	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	2.25	34.77	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	2.50	34.77	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	2.75	34.78	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	3.00	34.78	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	3.25	34.78	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	3.50	34.79	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	3.75	34.79	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	4.00	34.79	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	4.25	34.80	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	4.50	34.80	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	4.75	34.80	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	5.00	34.81	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	5.25	34.81	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	5.50	34.81	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	5.75	34.82	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	6.00	34.82	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	6.25	34.82	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	6.50	34.83	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	6.75	34.83	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	7.00	34.83	36.50	0	0.00	0.00	0.0000	0.0000

PRE Node Time Series

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
Mean Annual	Pre 900A	BASE	7.25	34.84	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	7.50	34.84	36.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Pre 900A	BASE	7.75	34.84	36.50	0	0.01	0.00	0.0001	0.0000
Mean Annual	Pre 900A	BASE	8.00	34.85	36.50	0	0.01	0.00	0.0003	0.0000
Mean Annual	Pre 900A	BASE	8.25	34.85	36.50	0	0.01	0.00	0.0005	0.0000
Mean Annual	Pre 900A	BASE	8.50	34.85	36.50	0	0.02	0.00	0.0009	0.0000
Mean Annual	Pre 900A	BASE	8.75	34.86	36.50	0	0.03	0.00	0.0014	0.0000
Mean Annual	Pre 900A	BASE	9.00	34.86	36.50	0	0.03	0.00	0.0020	0.0000
Mean Annual	Pre 900A	BASE	9.25	34.86	36.50	0	0.04	0.00	0.0028	0.0000
Mean Annual	Pre 900A	BASE	9.50	34.87	36.50	0	0.05	0.00	0.0038	0.0000
Mean Annual	Pre 900A	BASE	9.75	34.87	36.50	0	0.06	0.00	0.0049	0.0000
Mean Annual	Pre 900A	BASE	10.00	34.87	36.50	0	0.07	0.00	0.0063	0.0000
Mean Annual	Pre 900A	BASE	10.25	34.88	36.50	0	0.09	0.00	0.0080	0.0000
Mean Annual	Pre 900A	BASE	10.50	34.88	36.50	0	0.11	0.00	0.0100	0.0000
Mean Annual	Pre 900A	BASE	10.75	34.88	36.50	0	0.14	0.00	0.0126	0.0000
Mean Annual	Pre 900A	BASE	11.00	34.89	36.50	0	0.17	0.00	0.0158	0.0000
Mean Annual	Pre 900A	BASE	11.25	34.89	36.50	0	0.19	0.00	0.0195	0.0000
Mean Annual	Pre 900A	BASE	11.50	34.89	36.50	0	0.31	0.00	0.0248	0.0000
Mean Annual	Pre 900A	BASE	11.75	34.90	36.50	0	1.01	0.00	0.0385	0.0000
Mean Annual	Pre 900A	BASE	12.00	34.90	36.50	0	2.41	0.00	0.0738	0.0000
Mean Annual	Pre 900A	BASE	12.25	34.90	36.50	0	2.42	0.00	0.1237	0.0000
Mean Annual	Pre 900A	BASE	12.50	34.89	36.50	0	1.75	0.00	0.1667	0.0000
Mean Annual	Pre 900A	BASE	12.75	34.89	36.50	0	1.22	0.00	0.1975	0.0000
Mean Annual	Pre 900A	BASE	13.00	34.89	36.50	0	0.84	0.00	0.2189	0.0000
Mean Annual	Pre 900A	BASE	13.25	34.88	36.50	0	0.58	0.00	0.2336	0.0000
Mean Annual	Pre 900A	BASE	13.50	34.88	36.50	0	0.44	0.00	0.2441	0.0000
Mean Annual	Pre 900A	BASE	13.75	34.88	36.50	0	0.36	0.00	0.2524	0.0000
Mean Annual	Pre 900A	BASE	14.00	34.87	36.50	0	0.32	0.00	0.2595	0.0000
Mean Annual	Pre 900A	BASE	14.25	34.87	36.50	0	0.29	0.00	0.2658	0.0000
Mean Annual	Pre 900A	BASE	14.50	34.87	36.50	0	0.27	0.00	0.2717	0.0000
Mean Annual	Pre 900A	BASE	14.75	34.86	36.50	0	0.25	0.00	0.2771	0.0000
Mean Annual	Pre 900A	BASE	15.00	34.86	36.50	0	0.23	0.00	0.2820	0.0000
Mean Annual	Pre 900A	BASE	15.25	34.86	36.50	0	0.22	0.00	0.2867	0.0000
Mean Annual	Pre 900A	BASE	15.50	34.85	36.50	0	0.21	0.00	0.2912	0.0000
Mean Annual	Pre 900A	BASE	15.75	34.85	36.50	0	0.20	0.00	0.2954	0.0000
Mean Annual	Pre 900A	BASE	16.00	34.85	36.50	0	0.19	0.00	0.2994	0.0000
Mean Annual	Pre 900A	BASE	16.25	34.84	36.50	0	0.18	0.00	0.3032	0.0000
Mean Annual	Pre 900A	BASE	16.50	34.84	36.50	0	0.17	0.00	0.3068	0.0000
Mean Annual	Pre 900A	BASE	16.75	34.84	36.50	0	0.16	0.00	0.3102	0.0000
Mean Annual	Pre 900A	BASE	17.00	34.83	36.50	0	0.16	0.00	0.3136	0.0000
Mean Annual	Pre 900A	BASE	17.25	34.83	36.50	0	0.16	0.00	0.3168	0.0000
Mean Annual	Pre 900A	BASE	17.50	34.83	36.50	0	0.15	0.00	0.3200	0.0000
Mean Annual	Pre 900A	BASE	17.75	34.82	36.50	0	0.14	0.00	0.3231	0.0000
Mean Annual	Pre 900A	BASE	18.00	34.82	36.50	0	0.13	0.00	0.3259	0.0000
Mean Annual	Pre 900A	BASE	18.25	34.82	36.50	0	0.14	0.00	0.3287	0.0000
Mean Annual	Pre 900A	BASE	18.50	34.81	36.50	0	0.14	0.00	0.3315	0.0000
Mean Annual	Pre 900A	BASE	18.75	34.81	36.50	0	0.13	0.00	0.3343	0.0000
Mean Annual	Pre 900A	BASE	19.00	34.81	36.50	0	0.12	0.00	0.3368	0.0000
Mean Annual	Pre 900A	BASE	19.25	34.80	36.50	0	0.12	0.00	0.3393	0.0000
Mean Annual	Pre 900A	BASE	19.50	34.80	36.50	0	0.12	0.00	0.3419	0.0000
Mean Annual	Pre 900A	BASE	19.75	34.80	36.50	0	0.12	0.00	0.3444	0.0000
Mean Annual	Pre 900A	BASE	20.00	34.79	36.50	0	0.12	0.00	0.3469	0.0000
Mean Annual	Pre 900A	BASE	20.25	34.79	36.50	0	0.11	0.00	0.3492	0.0000
Mean Annual	Pre 900A	BASE	20.50	34.79	36.50	0	0.10	0.00	0.3514	0.0000
Mean Annual	Pre 900A	BASE	20.75	34.78	36.50	0	0.10	0.00	0.3535	0.0000
Mean Annual	Pre 900A	BASE	21.00	34.78	36.50	0	0.10	0.00	0.3556	0.0000
Mean Annual	Pre 900A	BASE	21.25	34.78	36.50	0	0.10	0.00	0.3577	0.0000
Mean Annual	Pre 900A	BASE	21.50	34.77	36.50	0	0.10	0.00	0.3597	0.0000
Mean Annual	Pre 900A	BASE	21.75	34.77	36.50	0	0.10	0.00	0.3618	0.0000
Mean Annual	Pre 900A	BASE	22.00	34.77	36.50	0	0.10	0.00	0.3639	0.0000
Mean Annual	Pre 900A	BASE	22.25	34.76	36.50	0	0.10	0.00	0.3659	0.0000
Mean Annual	Pre 900A	BASE	22.50	34.76	36.50	0	0.10	0.00	0.3680	0.0000
Mean Annual	Pre 900A	BASE	22.75	34.76	36.50	0	0.09	0.00	0.3700	0.0000
Mean Annual	Pre 900A	BASE	23.00	34.75	36.50	0	0.09	0.00	0.3719	0.0000
Mean Annual	Pre 900A	BASE	23.25	34.75	36.50	0	0.09	0.00	0.3737	0.0000
Mean Annual	Pre 900A	BASE	23.50	34.75	36.50	0	0.09	0.00	0.3756	0.0000
Mean Annual	Pre 900A	BASE	23.75	34.74	36.50	0	0.08	0.00	0.3773	0.0000
Mean Annual	Pre 900A	BASE	24.00	34.74	36.50	0	0.08	0.00	0.3789	0.0000
Mean Annual	Pre 900A	BASE	24.00	34.74	36.50	0	0.08	0.00	0.3789	0.0000

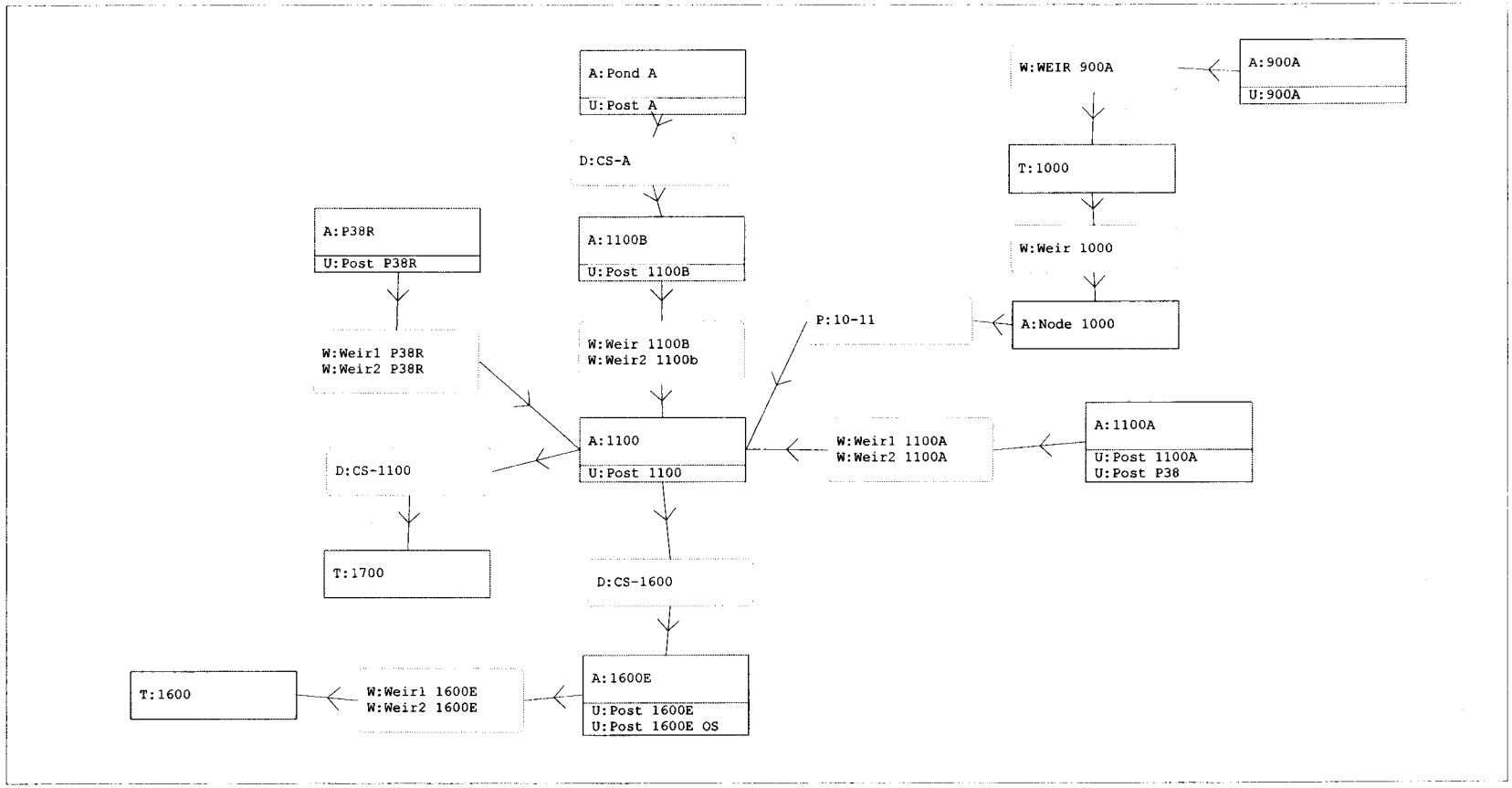
E. AdICPR Drainage Analysis (Post Conditions)

Nodial Diagram

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



Post Node Min-Max

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
1000	BASE	100YR24HR	13.50	35.84	36.87	-0.0000	0	12.25	8.43	11.50	49.84
1100	BASE	100YR24HR	13.10	34.99	35.43	0.0002	795541	12.08	237.19	13.24	112.66
1100A	BASE	100YR24HR	12.26	35.18	36.50	0.0005	10021	12.00	51.63	12.08	49.27
1100B	BASE	100YR24HR	12.81	35.80	36.50	0.0005	5269	12.62	25.41	12.70	25.18
1600	BASE	100YR24HR	12.80	33.90	35.03	-0.0000	0	12.33	52.44	0.00	0.00
1600E	BASE	100YR24HR	12.35	34.28	35.00	0.0005	34352	12.25	54.47	12.33	52.44
1700	BASE	100YR24HR	12.00	33.91	35.00	0.0001	0	13.29	87.73	0.00	0.00
900A	BASE	100YR24HR	12.27	36.05	36.50	0.0003	8518	12.00	9.35	12.25	8.43
Node 1000	BASE	100YR24HR	13.50	35.73	34.48	0.1320	182	11.50	49.84	11.50	49.83
P38R	BASE	100YR24HR	12.38	35.12	35.67	0.0004	28736	12.00	26.83	12.28	21.55
Pond A	BASE	100YR24HR	12.91	36.45	37.45	0.0007	87245	12.00	62.54	13.00	21.64
Post 800	BASE	100YR24HR	12.00	35.97	37.50	0.0000	0	12.00	54.72	0.00	0.00
1000	BASE	25YR24HR	13.50	35.84	36.87	-0.0000	0	12.24	5.99	11.54	51.07
1100	BASE	25YR24HR	13.15	34.79	35.43	0.0002	791160	12.09	185.38	13.38	95.42
1100A	BASE	25YR24HR	12.27	34.91	36.50	0.0004	9527	12.00	36.84	12.08	35.10
1100B	BASE	25YR24HR	12.84	35.38	36.50	0.0004	4725	12.63	18.15	12.72	17.99
1600	BASE	25YR24HR	12.80	33.90	35.03	-0.0000	0	12.32	40.32	0.00	0.00
1600E	BASE	25YR24HR	12.37	34.14	35.00	0.0005	33781	12.25	41.82	12.32	40.32
1700	BASE	25YR24HR	12.00	33.91	35.00	0.0001	0	13.47	74.07	0.00	0.00
900A	BASE	25YR24HR	12.27	35.90	36.50	0.0002	8238	12.00	6.64	12.24	5.99
Node 1000	BASE	25YR24HR	13.50	35.71	34.48	0.1320	182	11.54	51.07	11.54	51.07
P38R	BASE	25YR24HR	12.39	34.91	35.67	0.0003	28137	12.00	19.26	12.29	15.21
Pond A	BASE	25YR24HR	12.91	35.83	37.45	0.0005	82376	12.00	44.27	13.00	15.50
Post 800	BASE	25YR24HR	12.00	35.97	37.50	0.0000	0	12.00	37.11	0.00	0.00
1000	BASE	5YR24HR	13.50	35.84	36.87	-0.0000	0	12.20	4.15	11.61	52.02
1100	BASE	5YR24HR	13.22	34.64	35.43	0.0001	787883	12.10	146.45	13.60	82.46
1100A	BASE	5YR24HR	12.29	34.70	36.50	0.0003	9149	12.00	25.88	12.08	24.60
1100B	BASE	5YR24HR	12.86	35.05	36.50	0.0003	4286	12.65	12.73	12.73	12.60
1600	BASE	5YR24HR	12.80	33.90	35.03	-0.0000	0	12.32	30.96	0.00	0.00
1600E	BASE	5YR24HR	12.47	34.05	35.00	0.0005	33418	12.25	32.13	12.32	30.96
1700	BASE	5YR24HR	12.00	33.91	35.00	0.0001	0	13.73	64.08	0.00	0.00
900A	BASE	5YR24HR	13.52	35.85	36.50	0.0001	8133	12.00	4.62	12.20	4.15
Node 1000	BASE	5YR24HR	13.50	35.70	34.48	0.1320	182	11.61	52.02	11.61	52.01
P38R	BASE	5YR24HR	12.41	34.74	35.67	0.0003	27650	12.00	13.66	12.32	10.42
Pond A	BASE	5YR24HR	12.91	35.34	37.45	0.0004	78560	12.00	30.71	12.97	10.88
Post 800	BASE	5YR24HR	12.00	35.97	37.50	0.0000	0	12.00	24.20	0.00	0.00
1000	BASE	Mean Annual	13.50	35.84	36.87	-0.0000	0	12.17	3.04	13.50	52.57
1100	BASE	Mean Annual	13.31	34.55	35.43	0.0001	785903	12.18	121.88	13.75	74.66
1100A	BASE	Mean Annual	12.89	34.58	36.50	0.0002	8936	12.00	19.34	12.07	18.36
1100B	BASE	Mean Annual	12.91	34.82	36.50	0.0002	4000	12.68	9.05	12.78	8.94
1600	BASE	Mean Annual	12.80	33.90	35.03	-0.0000	0	12.33	25.20	0.00	0.00
1600E	BASE	Mean Annual	12.81	34.02	35.00	0.0005	33270	12.25	26.21	12.33	25.20
1700	BASE	Mean Annual	12.00	33.91	35.00	0.0001	0	14.24	58.59	0.00	0.00
900A	BASE	Mean Annual	13.52	35.85	36.50	0.0001	8126	12.00	3.42	12.17	3.04
Node 1000	BASE	Mean Annual	13.50	35.69	34.48	0.1320	182	13.50	52.57	13.50	52.57
P38R	BASE	Mean Annual	12.48	34.62	35.67	0.0003	27311	12.00	10.32	12.39	7.14
Pond A	BASE	Mean Annual	12.94	35.04	37.45	0.0003	76167	12.00	22.63	12.98	7.72
Post 800	BASE	Mean Annual	12.00	35.97	37.50	0.0000	0	12.00	16.70	0.00	0.00

```
            Basin Name: 900A
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 900A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 1.839
 Vol of Unit Hyd (in): 1.000
        Curve Number: 90.780
            DCIA (%): 0.000

       Time Max (hrs): 12.10
      Flow Max (cfs): 10.05
  Runoff Volume (in): 9.865
 Runoff Volume (ft3): 65856


------------------------------------------------------------------------------

            Basin Name: Post 1100
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 1100
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 20.670
 Vol of Unit Hyd (in): 1.000
        Curve Number: 95.000
            DCIA (%): 0.000

       Time Max (hrs): 12.07
      Flow Max (cfs): 115.39
  Runoff Volume (in): 10.389
 Runoff Volume (ft3): 779522


------------------------------------------------------------------------------

            Basin Name: Post 1100A
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 5.255
 Vol of Unit Hyd (in): 1.000
        Curve Number: 91.060
            DCIA (%): 0.000

       Time Max (hrs): 12.10
      Flow Max (cfs): 28.77
  Runoff Volume (in): 9.900
 Runoff Volume (ft3): 188855


------------------------------------------------------------------------------

            Basin Name: Post 1100B
            Group Name: BASE
```

```
            Simulation: 100YR24HR
             Node Name: 1100B
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
          Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
              Area (ac): 1.833
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.190
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 9.91
    Runoff Volume (in): 9.665
   Runoff Volume (ft3): 64309


------------------------------------------------------------------------------

            Basin Name: Post 1600E
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 1600E
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
          Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
              Area (ac): 5.542
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.940
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 30.32
    Runoff Volume (in): 9.885
   Runoff Volume (ft3): 198867


------------------------------------------------------------------------------

            Basin Name: Post 1600E OS
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 1600E
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 5.12
   Comp Time Inc (min): 5.00
          Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 38.40
      Time Shift (hrs): 0.00
              Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

         Time Max (hrs): 12.33
        Flow Max (cfs): 7.72
    Runoff Volume (in): 9.762
   Runoff Volume (ft3): 80797


------------------------------------------------------------------------------

            Basin Name: Post 800
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Post 800
```

```
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 11.649
 Vol of Unit Hyd (in): 1.000
        Curve Number: 82.620
            DCIA (%): 0.000

       Time Max (hrs): 12.10
      Flow Max (cfs): 59.35
  Runoff Volume (in): 8.822
 Runoff Volume (ft3): 373029


--------------------------------------------------------------------------------

            Basin Name: Post A
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: Pond A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 12.345
 Vol of Unit Hyd (in): 1.000
        Curve Number: 90.240
            DCIA (%): 0.000

       Time Max (hrs): 12.10
      Flow Max (cfs): 67.25
  Runoff Volume (in): 9.797
 Runoff Volume (ft3): 439045


--------------------------------------------------------------------------------

            Basin Name: Post P38
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
 Rainfall Amount (in): 11.000
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 4.810
 Vol of Unit Hyd (in): 1.000
        Curve Number: 93.220
            DCIA (%): 0.000

       Time Max (hrs): 12.10
      Flow Max (cfs): 26.65
  Runoff Volume (in): 10.169
 Runoff Volume (ft3): 177562


--------------------------------------------------------------------------------

            Basin Name: Post P38R
            Group Name: BASE
            Simulation: 100YR24HR
             Node Name: P38R
            Basin Type: SCS Unit Hydrograph
```

```
       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.184
   Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 28.77
     Runoff Volume (in): 10.219
    Runoff Volume (ft3): 192300
```

```
             Basin Name: 900A
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 900A
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 1.839
   Vol of Unit Hyd (in): 1.000
          Curve Number: 90.780
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 7.15
     Runoff Volume (in): 6.896
    Runoff Volume (ft3): 46034
```

```
             Basin Name: Post 1100
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 1100
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 20.670
   Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 83.29
     Runoff Volume (in): 7.399
    Runoff Volume (ft3): 555149
```

```
             Basin Name: Post 1100A
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 1100A
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
```

```
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.255
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.060
               DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 20.50
     Runoff Volume (in): 6.929
    Runoff Volume (ft3): 132180


-------------------------------------------------------------------------------

             Basin Name: Post 1100B
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 1100B
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 1.833
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.190
               DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 7.01
     Runoff Volume (in): 6.707
    Runoff Volume (ft3): 44628


-------------------------------------------------------------------------------

             Basin Name: Post 1600E
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 1600E
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 8.000
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 5.542
   Vol of Unit Hyd (in): 1.000
          Curve Number: 90.940
               DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 21.59
     Runoff Volume (in): 6.915
    Runoff Volume (ft3): 139112


-------------------------------------------------------------------------------

             Basin Name: Post 1600E OS
             Group Name: BASE
             Simulation: 25YR24HR
              Node Name: 1600E
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: Uh256
           Peaking Fator: 256.0
    Spec Time Inc (min): 5.12
    Comp Time Inc (min): 5.00
```

```
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 38.40
      Time Shift (hrs): 0.00
             Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.33
        Flow Max (cfs): 5.46
    Runoff Volume (in): 6.800
   Runoff Volume (ft3): 56278


--------------------------------------------------------------------------------

            Basin Name: Post 800
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: Post 800
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 11.649
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.620
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 40.55
    Runoff Volume (in): 5.931
   Runoff Volume (ft3): 250784


--------------------------------------------------------------------------------

            Basin Name: Post A
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: Pond A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 12.345
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.240
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 47.75
    Runoff Volume (in): 6.832
   Runoff Volume (ft3): 306148


--------------------------------------------------------------------------------

            Basin Name: Post P38
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 8.000
```

```
   Storm Duration (hrs): 24.00
                 Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 4.810
  Vol of Unit Hyd (in): 1.000
         Curve Number: 93.220
             DCIA (%): 0.000

        Time Max (hrs): 12.10
       Flow Max (cfs): 19.14
    Runoff Volume (in): 7.186
   Runoff Volume (ft3): 125477


-------------------------------------------------------------------------------

            Basin Name: Post P38R
            Group Name: BASE
            Simulation: 25YR24HR
             Node Name: P38R
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 8.000
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.184
  Vol of Unit Hyd (in): 1.000
         Curve Number: 93.620
             DCIA (%): 0.000

        Time Max (hrs): 12.10
       Flow Max (cfs): 20.69
    Runoff Volume (in): 7.234
   Runoff Volume (ft3): 136131


-------------------------------------------------------------------------------

            Basin Name: 900A
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 900A
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 1.839
  Vol of Unit Hyd (in): 1.000
         Curve Number: 90.780
             DCIA (%): 0.000

        Time Max (hrs): 12.10
       Flow Max (cfs): 5.01
    Runoff Volume (in): 4.736
   Runoff Volume (ft3): 31613


-------------------------------------------------------------------------------

            Basin Name: Post 1100
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 1100
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
```

```
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
              Area (ac): 20.670
  Vol of Unit Hyd (in): 1.000
         Curve Number: 95.000
             DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 59.63
   Runoff Volume (in): 5.211
  Runoff Volume (ft3): 391007


--------------------------------------------------------------------------------

            Basin Name: Post 1100A
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
               Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
              Area (ac): 5.255
  Vol of Unit Hyd (in): 1.000
         Curve Number: 91.060
             DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 14.37
   Runoff Volume (in): 4.767
  Runoff Volume (ft3): 90927


--------------------------------------------------------------------------------

            Basin Name: Post 1100B
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 1100B
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
               Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
              Area (ac): 1.833
  Vol of Unit Hyd (in): 1.000
         Curve Number: 89.190
             DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 4.85
   Runoff Volume (in): 4.561
  Runoff Volume (ft3): 30348


--------------------------------------------------------------------------------

            Basin Name: Post 1600E
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 1600E
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
        Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
               Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
```

```
            Area (ac): 5.542
  Vol of Unit Hyd (in): 1.000
         Curve Number: 90.940
             DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 15.12
    Runoff Volume (in): 4.753
   Runoff Volume (ft3): 95625
```

```
           Basin Name: Post 1600E OS
           Group Name: BASE
           Simulation: 5YR24HR
            Node Name: 1600E
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 5.12
  Comp Time Inc (min): 5.00
       Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 38.40
     Time Shift (hrs): 0.00
           Area (ac): 2.280
 Vol of Unit Hyd (in): 1.000
         Curve Number: 90.000
             DCIA (%): 0.000

       Time Max (hrs): 12.33
       Flow Max (cfs): 3.78
    Runoff Volume (in): 4.647
   Runoff Volume (ft3): 38463
```

```
           Basin Name: Post 800
           Group Name: BASE
           Simulation: 5YR24HR
            Node Name: Post 800
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
       Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 11.649
 Vol of Unit Hyd (in): 1.000
         Curve Number: 82.620
             DCIA (%): 0.000

       Time Max (hrs): 12.10
       Flow Max (cfs): 26.73
    Runoff Volume (in): 3.866
   Runoff Volume (ft3): 163466
```

```
           Basin Name: Post A
           Group Name: BASE
           Simulation: 5YR24HR
            Node Name: Pond A
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: Uh256
        Peaking Fator: 256.0
  Spec Time Inc (min): 2.00
  Comp Time Inc (min): 2.00
       Rainfall File: Flmod
 Rainfall Amount (in): 5.800
 Storm Duration (hrs): 24.00
              Status: Onsite
   Time of Conc (min): 15.00
     Time Shift (hrs): 0.00
           Area (ac): 12.345
 Vol of Unit Hyd (in): 1.000
```

```
          Curve Number: 90.240
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 33.30
    Runoff Volume (in): 4.676
   Runoff Volume (ft3): 209545


------------------------------------------------------------------------------

            Basin Name: Post P38
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 4.810
  Vol of Unit Hyd (in): 1.000
          Curve Number: 93.220
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 13.58
    Runoff Volume (in): 5.008
   Runoff Volume (ft3): 87449


------------------------------------------------------------------------------

            Basin Name: Post P38R
            Group Name: BASE
            Simulation: 5YR24HR
             Node Name: P38R
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 5.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.184
  Vol of Unit Hyd (in): 1.000
          Curve Number: 93.620
              DCIA (%): 0.000

         Time Max (hrs): 12.10
        Flow Max (cfs): 14.71
    Runoff Volume (in): 5.054
   Runoff Volume (ft3): 95100


------------------------------------------------------------------------------

            Basin Name: 900A
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 900A
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh256
          Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 1.839
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.780
              DCIA (%): 0.000
```

```
        Time Max (hrs): 12.10
        Flow Max (cfs): 3.72
     Runoff Volume (in): 3.474
   Runoff Volume (ft3): 23192


--------------------------------------------------------------------------------

            Basin Name: Post 1100
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 1100
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
            Area (ac): 20.670
  Vol of Unit Hyd (in): 1.000
          Curve Number: 95.000
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 45.53
     Runoff Volume (in): 3.923
   Runoff Volume (ft3): 294380


--------------------------------------------------------------------------------

            Basin Name: Post 1100A
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 1100A
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
            Area (ac): 5.255
  Vol of Unit Hyd (in): 1.000
          Curve Number: 91.060
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 10.71
     Runoff Volume (in): 3.503
   Runoff Volume (ft3): 66823


--------------------------------------------------------------------------------

            Basin Name: Post 1100B
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 1100B
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
            Area (ac): 1.833
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.190
              DCIA (%): 0.000

        Time Max (hrs): 12.10
```

```
        Flow Max (cfs): 3.57
     Runoff Volume (in): 3.313
    Runoff Volume (ft3): 22044


--------------------------------------------------------------------------------

            Basin Name: Post 1600E
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 5.542
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.940
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 11.26
     Runoff Volume (in): 3.491
    Runoff Volume (ft3): 70224


--------------------------------------------------------------------------------

            Basin Name: Post 1600E OS
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: 1600E
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 5.12
   Comp Time Inc (min): 5.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 38.40
      Time Shift (hrs): 0.00
             Area (ac): 2.280
  Vol of Unit Hyd (in): 1.000
          Curve Number: 90.000
              DCIA (%): 0.000

        Time Max (hrs): 12.33
        Flow Max (cfs): 2.79
     Runoff Volume (in): 3.393
    Runoff Volume (ft3): 28081


--------------------------------------------------------------------------------

            Basin Name: Post 800
            Group Name: BASE
            Simulation: Mean Annual
             Node Name: Post 800
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh256
         Peaking Fator: 256.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 4.500
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 11.649
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.620
              DCIA (%): 0.000

        Time Max (hrs): 12.10
        Flow Max (cfs): 18.65
     Runoff Volume (in): 2.690
```

Runoff Volume (ft3): 113769

Basin Name: Post A
Group Name: BASE
Simulation: Mean Annual
Node Name: Pond A
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: Uh256
Peaking Fator: 256.0
Spec Time Inc (min): 2.00
Comp Time Inc (min): 2.00
Rainfall File: Flmod
Rainfall Amount (in): 4.500
Storm Duration (hrs): 24.00
Status: Onsite
Time of Conc (min): 15.00
Time Shift (hrs): 0.00
Area (ac): 12.345
Vol of Unit Hyd (in): 1.000
Curve Number: 90.240
DCIA (%): 0.000

Time Max (hrs): 12.10
Flow Max (cfs): 24.67
Runoff Volume (in): 3.419
Runoff Volume (ft3): 153213

Basin Name: Post P38
Group Name: BASE
Simulation: Mean Annual
Node Name: 1100A
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: Uh256
Peaking Fator: 256.0
Spec Time Inc (min): 2.00
Comp Time Inc (min): 2.00
Rainfall File: Flmod
Rainfall Amount (in): 4.500
Storm Duration (hrs): 24.00
Status: Onsite
Time of Conc (min): 15.00
Time Shift (hrs): 0.00
Area (ac): 4.810
Vol of Unit Hyd (in): 1.000
Curve Number: 93.220
DCIA (%): 0.000

Time Max (hrs): 12.10
Flow Max (cfs): 10.26
Runoff Volume (in): 3.730
Runoff Volume (ft3): 65128

Basin Name: Post P38R
Group Name: BASE
Simulation: Mean Annual
Node Name: P38R
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: Uh256
Peaking Fator: 256.0
Spec Time Inc (min): 2.00
Comp Time Inc (min): 2.00
Rainfall File: Flmod
Rainfall Amount (in): 4.500
Storm Duration (hrs): 24.00
Status: Onsite
Time of Conc (min): 15.00
Time Shift (hrs): 0.00
Area (ac): 5.184
Vol of Unit Hyd (in): 1.000
Curve Number: 93.620
DCIA (%): 0.000

Time Max (hrs): 12.10
Flow Max (cfs): 11.15
Runoff Volume (in): 3.773
Runoff Volume (ft3): 71000

==========

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

==========

Name: 900A Node: 900A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00
Area(ac): 1.839 Time Shift(hrs): 0.00
Curve Number: 90.78 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 1100 Node: 1100 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00
Area(ac): 20.670 Time Shift(hrs): 0.00
Curve Number: 95.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 1100A Node: 1100A Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00
Area(ac): 5.255 Time Shift(hrs): 0.00
Curve Number: 91.06 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 1100B Node: 1100B Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00
Area(ac): 1.833 Time Shift(hrs): 0.00
Curve Number: 89.19 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 1600E Node: 1600E Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00
Area(ac): 5.542 Time Shift(hrs): 0.00
Curve Number: 90.94 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 1600E OS Node: 1600E Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 38.40
Area(ac): 2.280 Time Shift(hrs): 0.00
Curve Number: 90.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: Post 800 Node: Post 800 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Flmod Storm Duration(hrs): 24.00
Rainfall Amount(in): 4.500 Time of Conc(min): 15.00

```
            Area(ac): 11.649                Time Shift(hrs): 0.00
       Curve Number: 82.62             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: Post A                  Node: Pond A                  Status: Onsite
       Group: BASE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                Peaking Factor: 256.0
         Rainfall File: Flmod             Storm Duration(hrs): 24.00
  Rainfall Amount(in): 4.500               Time of Conc(min): 15.00
            Area(ac): 12.345                 Time Shift(hrs): 0.00
       Curve Number: 90.24             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: Post P38                Node: 1100A                   Status: Onsite
       Group: BASE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                Peaking Factor: 256.0
         Rainfall File: Flmod             Storm Duration(hrs): 24.00
  Rainfall Amount(in): 4.500               Time of Conc(min): 15.00
            Area(ac): 4.810                  Time Shift(hrs): 0.00
       Curve Number: 93.22             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00

Basin Break Down taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 7 of record drawings for details.
Minimum TOC of 15 min for Developed Site.

-------------------------------------------------------------------------------------------------
        Name: Post P38R               Node: P38R                    Status: Onsite
       Group: BASE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                Peaking Factor: 256.0
         Rainfall File: Flmod             Storm Duration(hrs): 24.00
  Rainfall Amount(in): 4.500               Time of Conc(min): 15.00
            Area(ac): 5.184                  Time Shift(hrs): 0.00
       Curve Number: 93.62             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00

Basin Break Down taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 7 of record drawings for details.
Minimum TOC of 15 min for Developed Site.

=================================================================================================
==== Nodes ======================================================================================
=================================================================================================

      Name: 1000              Base Flow(cfs): 0.000          Init Stage(ft): 34.170
     Group: BASE                                             Warn Stage(ft): 36.870
      Type: Time/Stage

Peak Stage and time of peak for Wetland 1800 taken from Page 60 of Tampa Palms Are 3 Master Stomrwater Plan by Heidt & Associate
Note that Wetland 1000 and 1800 are combined stage storage volumes per Page 20 of Master Stormwater Plan.
Initial Stage for Wetland 1800 Taken from Page 20 for Master Stormwater Plan.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          34.170
          13.50          35.840
          24.00          34.170

-------------------------------------------------------------------------------------------------
      Name: 1100              Base Flow(cfs): 0.000          Init Stage(ft): 33.470
     Group: BASE                                             Warn Stage(ft): 35.430
      Type: Stage/Area

Stage Storage Areas  taken from Page 21 of Tampa Palms Are 3 Master Stomrwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-2

      Stage(ft)        Area(ac)
--------------- ---------------
         29.000         10.0000
         33.270         16.1000
         33.470         16.3000
         34.470         18.0000
         35.470         18.5000

-------------------------------------------------------------------------------------------------
      Name: 1100A             Base Flow(cfs): 0.000          Init Stage(ft): 33.470
     Group: BASE                                             Warn Stage(ft): 36.500
      Type: Stage/Area
```

Stage(ft)	Area(ac)
32.500	0.1310
33.700	0.1700
34.500	0.2020
35.500	0.2430
36.500	0.2860

Name: 1100B Base Flow(cfs): 0.000 Init Stage(ft): 33.470
Group: BASE Warn Stage(ft): 36.500
Type: Stage/Area

Stage(ft)	Area(ac)
31.000	0.0110
32.000	0.0220
33.000	0.0440
34.000	0.0690
35.000	0.0970
36.000	0.1270
36.500	0.1680

Name: 1600 Base Flow(cfs): 0.000 Init Stage(ft): 32.910
Group: BASE Warn Stage(ft): 35.030
Type: Time/Stage

Peak Stage from Page 45 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9.
Initial Stage from Page 131 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9.

Time(hrs)	Stage(ft)
0.00	32.910
12.80	33.900
24.00	32.910

Name: 1600E Base Flow(cfs): 0.000 Init Stage(ft): 32.370
Group: BASE Warn Stage(ft): 35.000
Type: Stage/Area

Initial Stage from Page 16 of Tampa Palms Are 3 Master Stomrwater Report by Heidt & Associates, Inc., FDEP ERP # 29-279722-9

Stage(ft)	Area(ac)
32.000	0.5780
32.370	0.6080
33.000	0.6690
34.000	0.7620
35.000	0.8580

Name: 1700 Base Flow(cfs): 0.000 Init Stage(ft): 31.540
Group: BASE Warn Stage(ft): 35.000
Type: Time/Stage

Initial Stage taken from Page 129 of Tampa Palms Are 3 Master Stomrwater Plan by Heidt & Associates, Inc., FDEP ERP # 29-279722
Peak Stage Set at Crown of Pipe: Pipe Inv. = 31.08 + 34" tall Pipe = 33.91

Time(hrs)	Stage(ft)
0.00	31.540
12.00	33.910
24.00	31.540

Name: 900A Base Flow(cfs): 0.000 Init Stage(ft): 34.900
Group: BASE Warn Stage(ft): 36.500
Type: Stage/Area

Initial Stage of Wetland 900 per Seasonal High Elevation sheet 5 of 68 of Tampa Palms Area 3 Roadways Plans by Heidt and Associa
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
34.170	0.1150
35.500	0.1710
36.500	0.2160

Name: Node 1000 Base Flow(cfs): 0.000 Init Stage(ft): 30.170
Group: BASE Warn Stage(ft): 34.480
Type: Stage/Area

"Dummy Node"

Data taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
30.170	0.0017
34.480	0.0018

Name: P38R Base Flow(cfs): 0.000 Init Stage(ft): 33.470
Group: BASE Warn Stage(ft): 35.670
Type: Stage/Area

Stage Storage taken Tampa Palms Parcel 38A - Emerald Point.
See Sheet 7 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

Stage(ft)	Area(ac)
29.170	0.3010
30.170	0.3560
31.170	0.4130
32.170	0.4720
33.170	0.5330
33.470	0.5530
34.170	0.5970
35.170	0.6630
35.670	0.6970

Name: Pond A Base Flow(cfs): 0.000 Init Stage(ft): 34.050
Group: BASE Warn Stage(ft): 37.450
Type: Stage/Area

36 hour bleed down time = initial stage = 34.05

Stage(ft)	Area(ac)
33.000	1.4900
34.000	1.5700
35.000	1.7420
36.000	1.9210
36.450	2.0030
37.450	2.4600

Name: Post 800 Base Flow(cfs): 0.000 Init Stage(ft): 35.870
Group: BASE Warn Stage(ft): 37.500
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	35.870
12.00	35.970
24.00	35.870

Cross Sections

Name: Weir 1 Group: BASE
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	35.000	0.150000
126.000	35.620	0.150000
212.000	35.310	0.150000
327.000	35.620	0.150000
451.000	35.310	0.150000
496.000	35.280	0.150000
515.000	37.300	0.150000

Pipes

Name: 10-11 From Node: Node 1000 Length(ft): 459.00
Group: BASE To Node: 1100 Count: 2
Friction Equation: Average Conveyance
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 1.00
Exit Loss Coef: 0.00

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00

```
   Invert(ft): 30.170          29.170                    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

Pipe Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 8 and 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

================================================================================
==== Drop Structures ===========================================================
================================================================================

        Name: CS-1100            From Node: 1100              Length(ft): 154.00
       Group: BASE                 To Node: 1700                   Count: 2

              UPSTREAM       DOWNSTREAM              Friction Equation: Average Conveyance
    Geometry: Circular       Circular              Solution Algorithm: Automatic
    Span(in): 53.00          53.00                             Flow: Both
    Rise(in): 34.00          34.00                 Entrance Loss Coef: 1.000
  Invert(ft): 31.790         31.080                    Exit Loss Coef: 0.000
 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                     Solution Incs: 10

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

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


*** Weir 1 of 3 for Drop Structure CS-1100 ***
                                                                          TABLE
                 Count: 1                    Bottom Clip(in): 0.000
                  Type: Vertical: Mavis         Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 24.00                       Invert(ft): 33.270
              Rise(in): 2.40                  Control Elev(ft): 33.270

*** Weir 2 of 3 for Drop Structure CS-1100 ***
                                                                          TABLE
                 Count: 1                    Bottom Clip(in): 0.000
                  Type: Vertical: Mavis         Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 216.00                      Invert(ft): 33.470
              Rise(in): 21.96                 Control Elev(ft): 33.470

*** Weir 3 of 3 for Drop Structure CS-1100 ***
                                                                          TABLE
                 Count: 1                    Bottom Clip(in): 0.000
                  Type: Horizontal              Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 158.00                      Invert(ft): 35.300
              Rise(in): 36.00                 Control Elev(ft): 35.300


--------------------------------------------------------------------------------------------------------
        Name: CS-1600            From Node: 1100              Length(ft): 102.00
       Group: BASE                 To Node: 1600E                  Count: 1

              UPSTREAM       DOWNSTREAM              Friction Equation: Average Conveyance
    Geometry: Circular       Circular              Solution Algorithm: Automatic
    Span(in): 36.00          36.00                             Flow: Both
    Rise(in): 36.00          36.00                 Entrance Loss Coef: 0.500
  Invert(ft): 32.500         30.000                    Exit Loss Coef: 0.500
 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                     Solution Incs: 10

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

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

*** Weir 1 of 2 for Drop Structure CS-1600 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	12.00	Invert(ft):	33.500
Rise(in):	6.00	Control Elev(ft):	33.500

*** Weir 2 of 2 for Drop Structure CS-1600 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	36.00	Invert(ft):	34.000
Rise(in):	54.00	Control Elev(ft):	34.000

Name:	CS-A	From Node:	Pond A	Length(ft):	342.00
Group:	BASE	To Node:	1100B	Count:	1

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Friction Equation:	Average Conveyance
Span(in):	36.00	36.00	Solution Algorithm:	Automatic
Rise(in):	36.00	36.00	Flow:	Both
Invert(ft):	31.500	30.000	Entrance Loss Coef:	0.500
Manning's N:	0.013000	0.013000	Exit Loss Coef:	0.500
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dn
			Solution Incs:	10

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

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

*** Weir 1 of 3 for Drop Structure CS-A ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.130
Geometry:	Circular	Orifice Disc Coef:	0.600
Span(in):	2.40	Invert(ft):	33.550
Rise(in):	2.40	Control Elev(ft):	33.550

*** Weir 2 of 3 for Drop Structure CS-A ***

TABLE

Count:	2	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.130
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	36.00	Invert(ft):	34.250
Rise(in):	21.00	Control Elev(ft):	34.250

*** Weir 3 of 3 for Drop Structure CS-A ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Horizontal	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.130
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	49.00	Invert(ft):	36.000
Rise(in):	37.00	Control Elev(ft):	36.000

==========

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

==========

Name:	Weir 1000	From Node:	1000
Group:	BASE	To Node:	Node 1000
Flow:	Both	Count:	1
Type:	Vertical: Mavis	Geometry:	Rectangular
Span(in):	283.20		
Rise(in):	999.00		
Invert(ft):	34.480		

```
      Control Elevation(ft): 34.480
                                          TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

-------------------------------------------------------------------------------------------------
        Name: Weir 1100B          From Node: 1100B
       Group: BASE                  To Node: 1100
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 36.00
                  Rise(in): 42.00
                Invert(ft): 33.500
      Control Elevation(ft): 33.500
                                          TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
        Name: WEIR 900A           From Node: 900A
       Group: BASE                  To Node: 1000
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 36.00
                  Rise(in): 19.20
                Invert(ft): 34.900
      Control Elevation(ft): 34.900
                                          TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600

Weir Elevation Set to Normal Pool Elevation for Wetland 900

-------------------------------------------------------------------------------------------------
        Name: Weir1 1100A         From Node: 1100A
       Group: BASE                  To Node: 1100
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 120.00
                  Rise(in): 20.40
                Invert(ft): 33.470
      Control Elevation(ft): 33.470
                                          TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

-------------------------------------------------------------------------------------------------
        Name: Weir1 1600E         From Node: 1600E
       Group: BASE                  To Node: 1600
        Flow: Both                    Count: 1
        Type: Vertical: Mavis      Geometry: Rectangular

                  Span(in): 120.00
                  Rise(in): 31.56
                Invert(ft): 32.370
      Control Elevation(ft): 32.370
                                          TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600

For Weir Dimensions, Refer to sheet 31 of 68 of Tampa Palms Area 3 Roadways Plans by Heidt and Associates, Inc. FDEP ERP # 29-27
Note that datum conversion: NAVD88 = NGVD29 - 0.83'

-------------------------------------------------------------------------------------------------
        Name: Weir1 P38R          From Node: P38R
       Group: BASE                  To Node: 1100
        Flow: Both                    Count: 1
```

```
        Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 120.00
                   Rise(in): 12.00
                 Invert(ft): 34.170
       Control Elevation(ft): 34.170
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

-------------------------------------------------------------------------------------------------
         Name: Weir2 1100A         From Node: 1100A
        Group: BASE                  To Node: 1100
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 216.00
                   Rise(in): 999.00
                 Invert(ft): 35.170
       Control Elevation(ft): 35.170
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.

-------------------------------------------------------------------------------------------------
         Name: Weir2 1100b         From Node: 1100B
        Group: BASE                  To Node: 1100
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 240.00
                   Rise(in): 999.00
                 Invert(ft): 37.000
       Control Elevation(ft): 37.000
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: Weir2 1600E         From Node: 1600E
        Group: BASE                  To Node: 1600
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 3600.00
                   Rise(in): 999.00
                 Invert(ft): 35.000
       Control Elevation(ft): 35.000
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: Weir2 P38R          From Node: P38R
        Group: BASE                  To Node: 1100
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                   Span(in): 216.00
                   Rise(in): 999.00
                 Invert(ft): 35.170
       Control Elevation(ft): 35.170
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
          Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

Weir Data taken Tampa Palms Parcel  38A - Emerald Point.
See Sheet 11 of record drawings for details.
```

```
================================================================================
==== Hydrology Simulations ====================================================
================================================================================

        Name: 100YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\100YR24HR.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 11.00

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

--------------------------------------------------------------------------------
        Name: 25YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\25YR24HR.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 8.00

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

--------------------------------------------------------------------------------
        Name: 5YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\5YR24HR.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 5.80

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

--------------------------------------------------------------------------------
        Name: Mean Annual
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Mean Annual.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Flmod
   Rainfall Amount(in): 4.50

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

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

        Name: 100YR24HR          Hydrology Sim: 100YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\100YR24HR.I32

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

       Max Delta Z(ft): 1.00                   Delta Z Factor: 0.00100
  Time Step Optimizer: 5.000
      Start Time(hrs): 0.000                    End Time(hrs): 24.00
   Min Calc Time(sec): 1.0000              Max Calc Time(sec): 1.0000
      Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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


--------------------------------------------------------------------------------
        Name: 25YR24HR           Hydrology Sim: 25YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\25YR24HR.I32

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

```
       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00100
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                    End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000               Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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


-------------------------------------------------------------------------------------------------
        Name: 5YR24HR            Hydrology Sim: 5YR24HR
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\5YR24HR.I32

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

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00100
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                    End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000               Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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


-------------------------------------------------------------------------------------------------
        Name: Mean Annual        Hydrology Sim: Mean Annual
    Filename: G:\Projects\15-016 - Tampa Palms 38 - Ryland\Correspondence\Drainage\ICPR\Mean Annual.I32

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

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00100
   Time Step Optimizer: 5.000
       Start Time(hrs): 0.000                    End Time(hrs): 24.00
    Min Calc Time(sec): 1.0000               Max Calc Time(sec): 1.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.000

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

Post Node Time Series

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
25YR24HR	1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
25YR24HR	1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
25YR24HR	1100	BASE	0.50	33.46	35.43	709840	3.39	0.55	-0.4098	0.0229
25YR24HR	1100	BASE	0.75	33.46	35.43	709813	3.42	0.54	-0.3395	0.0342
25YR24HR	1100	BASE	1.00	33.46	35.43	709788	3.43	0.54	-0.2689	0.0454
25YR24HR	1100	BASE	1.25	33.46	35.43	709764	3.44	0.54	-0.1979	0.0566
25YR24HR	1100	BASE	1.50	33.46	35.43	709742	3.53	0.54	-0.1258	0.0678
25YR24HR	1100	BASE	1.75	33.46	35.43	709727	3.67	0.54	-0.0514	0.0789
25YR24HR	1100	BASE	2.00	33.46	35.43	709720	3.82	0.54	0.0260	0.0899
25YR24HR	1100	BASE	2.25	33.46	35.43	709721	3.99	0.54	0.1067	0.1010
25YR24HR	1100	BASE	2.50	33.46	35.43	709733	4.18	0.54	0.1911	0.1121
25YR24HR	1100	BASE	2.75	33.46	35.43	709763	4.71	0.54	0.2830	0.1232
25YR24HR	1100	BASE	3.00	33.46	35.43	709836	5.23	0.55	0.3857	0.1344
25YR24HR	1100	BASE	3.25	33.47	35.43	709968	3.54	0.56	0.4762	0.1459
25YR24HR	1100	BASE	3.50	33.47	35.43	710218	4.89	0.58	0.5632	0.1577
25YR24HR	1100	BASE	3.75	33.48	35.43	710687	6.36	0.64	0.6794	0.1703
25YR24HR	1100	BASE	4.00	33.49	35.43	711292	7.95	0.75	0.8272	0.1847
25YR24HR	1100	BASE	4.25	33.50	35.43	712042	9.75	0.91	1.0101	0.2019
25YR24HR	1100	BASE	4.50	33.51	35.43	712945	11.64	1.15	1.2310	0.2233
25YR24HR	1100	BASE	4.75	33.52	35.43	714001	13.58	1.46	1.4915	0.2502
25YR24HR	1100	BASE	5.00	33.54	35.43	715207	15.60	1.86	1.7929	0.2845
25YR24HR	1100	BASE	5.25	33.56	35.43	716562	17.74	2.36	2.1373	0.3282
25YR24HR	1100	BASE	5.50	33.58	35.43	718065	19.95	2.98	2.5267	0.3834
25YR24HR	1100	BASE	5.75	33.60	35.43	719709	22.21	3.72	2.9621	0.4525
25YR24HR	1100	BASE	6.00	33.62	35.43	721487	24.54	4.58	3.4451	0.5383
25YR24HR	1100	BASE	6.25	33.65	35.43	723403	27.17	5.59	3.9793	0.6434
25YR24HR	1100	BASE	6.50	33.68	35.43	725459	29.84	6.75	4.5683	0.7709
25YR24HR	1100	BASE	6.75	33.71	35.43	727639	32.48	8.06	5.2121	0.9238
25YR24HR	1100	BASE	7.00	33.74	35.43	729929	35.17	9.52	5.9110	1.1055
25YR24HR	1100	BASE	7.25	33.77	35.43	732329	38.14	11.14	6.6683	1.3189
25YR24HR	1100	BASE	7.50	33.80	35.43	734837	41.12	12.93	7.4872	1.5676
25YR24HR	1100	BASE	7.75	33.84	35.43	737436	44.04	14.86	8.3669	1.8547
25YR24HR	1100	BASE	8.00	33.87	35.43	740069	45.98	16.92	9.2969	2.1829
25YR24HR	1100	BASE	8.25	33.91	35.43	742670	47.77	19.03	10.2654	2.5543
25YR24HR	1100	BASE	8.50	33.94	35.43	745218	49.30	21.18	11.2682	2.9696
25YR24HR	1100	BASE	8.75	33.98	35.43	747708	50.99	23.35	12.3043	3.4295
25YR24HR	1100	BASE	9.00	34.01	35.43	750138	52.49	25.55	13.3733	3.9347
25YR24HR	1100	BASE	9.25	34.04	35.43	752486	53.95	27.98	14.4729	4.4877
25YR24HR	1100	BASE	9.50	34.07	35.43	754735	55.25	30.34	15.6011	5.0902
25YR24HR	1100	BASE	9.75	34.10	35.43	756909	56.93	32.49	16.7600	5.7393
25YR24HR	1100	BASE	10.00	34.13	35.43	759037	58.38	34.42	17.9513	6.4305
25YR24HR	1100	BASE	10.25	34.16	35.43	761151	60.63	36.30	19.1808	7.1611
25YR24HR	1100	BASE	10.50	34.19	35.43	763292	62.83	38.20	20.4562	7.9306
25YR24HR	1100	BASE	10.75	34.22	35.43	765485	65.83	40.15	21.7853	8.7400
25YR24HR	1100	BASE	11.00	34.25	35.43	767740	68.25	42.06	23.1704	9.5893
25YR24HR	1100	BASE	11.25	34.28	35.43	770022	70.31	44.63	24.6018	10.4849
25YR24HR	1100	BASE	11.50	34.31	35.43	772489	78.47	46.97	26.1388	11.4312
25YR24HR	1100	BASE	11.75	34.37	35.43	776681	118.30	51.79	28.1715	12.4515
25YR24HR	1100	BASE	12.00	34.48	35.43	784309	182.52	60.63	31.2791	13.6129
25YR24HR	1100	BASE	12.25	34.61	35.43	787220	182.73	74.50	35.0523	15.0089
25YR24HR	1100	BASE	12.50	34.71	35.43	789397	150.85	84.96	38.4984	16.6562
25YR24HR	1100	BASE	12.75	34.77	35.43	790603	123.00	91.04	41.3274	18.4744
25YR24HR	1100	BASE	13.00	34.79	35.43	791098	102.95	94.15	43.6615	20.3874
25YR24HR	1100	BASE	13.25	34.79	35.43	791132	89.75	95.32	45.6523	22.3448
25YR24HR	1100	BASE	13.50	34.78	35.43	790908	83.18	95.35	47.4387	24.3144
25YR24HR	1100	BASE	13.75	34.76	35.43	790547	77.99	94.73	49.1036	26.2781
25YR24HR	1100	BASE	14.00	34.74	35.43	790102	74.68	93.71	50.6807	28.2248
25YR24HR	1100	BASE	14.25	34.72	35.43	789610	71.82	92.41	52.1941	30.1475
25YR24HR	1100	BASE	14.50	34.70	35.43	789088	69.53	90.93	53.6543	32.0415
25YR24HR	1100	BASE	14.75	34.67	35.43	788554	67.05	88.85	55.0653	33.8987
25YR24HR	1100	BASE	15.00	34.65	35.43	788044	64.87	85.30	56.4281	35.6978
25YR24HR	1100	BASE	15.25	34.63	35.43	787530	62.96	83.83	57.7486	37.4450
25YR24HR	1100	BASE	15.50	34.60	35.43	787013	61.27	81.93	59.0320	39.1573
25YR24HR	1100	BASE	15.75	34.58	35.43	786499	59.35	79.93	60.2781	40.8294
25YR24HR	1100	BASE	16.00	34.55	35.43	785989	57.60	77.90	61.4862	42.4600
25YR24HR	1100	BASE	16.25	34.53	35.43	785486	55.83	75.83	62.6580	44.0481
25YR24HR	1100	BASE	16.50	34.51	35.43	785022	54.05	71.40	63.7932	45.5690
25YR24HR	1100	BASE	16.75	34.49	35.43	784585	52.23	69.88	64.8911	47.0284
25YR24HR	1100	BASE	17.00	34.47	35.43	784124	50.49	68.33	65.9523	48.4561
25YR24HR	1100	BASE	17.25	34.45	35.43	782604	48.84	66.73	66.9784	49.8514
25YR24HR	1100	BASE	17.50	34.43	35.43	781078	47.17	65.09	67.9702	51.2132
25YR24HR	1100	BASE	17.75	34.41	35.43	779527	45.02	63.42	68.9226	52.5409
25YR24HR	1100	BASE	18.00	34.39	35.43	777935	42.89	61.70	69.8307	53.8335
25YR24HR	1100	BASE	18.25	34.36	35.43	776320	41.07	59.90	70.6981	55.0897
25YR24HR	1100	BASE	18.50	34.34	35.43	774699	39.17	58.06	71.5271	56.3083
25YR24HR	1100	BASE	18.75	34.32	35.43	773054	36.67	56.03	72.3106	57.4869
25YR24HR	1100	BASE	19.00	34.30	35.43	771368	34.08	53.78	73.0415	58.6213
25YR24HR	1100	BASE	19.25	34.27	35.43	769657	31.54	51.48	73.7193	59.7087
25YR24HR	1100	BASE	19.50	34.25	35.43	767898	28.51	49.05	74.3396	60.7471
25YR24HR	1100	BASE	19.75	34.23	35.43	766090	25.36	46.40	74.8961	61.7332
25YR24HR	1100	BASE	20.00	34.20	35.43	764244	22.40	43.72	75.3894	62.6642
25YR24HR	1100	BASE	20.25	34.18	35.43	762371	19.44	41.00	75.8216	63.5394
25YR24HR	1100	BASE	20.50	34.15	35.43	760478	16.66	38.34	76.1945	64.3591
25YR24HR	1100	BASE	20.75	34.12	35.43	758578	14.18	35.77	76.5131	65.1247
25YR24HR	1100	BASE	21.00	34.10	35.43	756690	11.99	33.31	76.7835	65.8384
25YR24HR	1100	BASE	21.25	34.07	35.43	754828	10.08	30.97	77.0115	66.5025

Post Node Time Series

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
25YR24HR	1100	BASE	21.50	34.05	35.43	753005	8.47	28.80	77.2031	67.1199
25YR24HR	1100	BASE	21.75	34.03	35.43	751234	4.07	26.81	77.3326	67.6943
25YR24HR	1100	BASE	22.00	34.00	35.43	749530	3.04	25.06	77.4060	68.2301
25YR24HR	1100	BASE	22.25	33.98	35.43	747923	2.90	23.60	77.4672	68.7328
25YR24HR	1100	BASE	22.50	33.96	35.43	746430	2.82	22.28	77.5263	69.2067
25YR24HR	1100	BASE	22.75	33.94	35.43	745031	2.55	21.06	77.5817	69.6544
25YR24HR	1100	BASE	23.00	33.92	35.43	743712	2.31	19.93	77.6319	70.0778
25YR24HR	1100	BASE	23.25	33.91	35.43	742470	2.15	18.89	77.6779	70.4789
25YR24HR	1100	BASE	23.50	33.89	35.43	741302	2.03	17.93	77.7211	70.8593
25YR24HR	1100	BASE	23.75	33.88	35.43	740198	1.73	17.04	77.7598	71.2205
25YR24HR	1100	BASE	24.00	33.86	35.43	739145	1.48	16.20	77.7930	71.5639
25YR24HR	1100	BASE	24.00	33.86	35.43	739145	1.48	16.20	77.7930	71.5641
25YR24HR	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
25YR24HR	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
25YR24HR	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
25YR24HR	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
25YR24HR	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
25YR24HR	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
25YR24HR	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
25YR24HR	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
25YR24HR	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
25YR24HR	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
25YR24HR	1600	BASE	2.50	33.10	35.03	0	-0.61	0.00	-0.4668	0.0000
25YR24HR	1600	BASE	2.75	33.12	35.03	0	-0.59	0.00	-0.4793	0.0000
25YR24HR	1600	BASE	3.00	33.14	35.03	0	-0.56	0.00	-0.4911	0.0000
25YR24HR	1600	BASE	3.25	33.16	35.03	0	-0.52	0.00	-0.5023	0.0000
25YR24HR	1600	BASE	3.50	33.18	35.03	0	-0.49	0.00	-0.5128	0.0000
25YR24HR	1600	BASE	3.75	33.20	35.03	0	-0.45	0.00	-0.5225	0.0000
25YR24HR	1600	BASE	4.00	33.22	35.03	0	-0.42	0.00	-0.5314	0.0000
25YR24HR	1600	BASE	4.25	33.24	35.03	0	-0.37	0.00	-0.5396	0.0000
25YR24HR	1600	BASE	4.50	33.26	35.03	0	-0.33	0.00	-0.5468	0.0000
25YR24HR	1600	BASE	4.75	33.28	35.03	0	-0.28	0.00	-0.5531	0.0000
25YR24HR	1600	BASE	5.00	33.30	35.03	0	-0.23	0.00	-0.5583	0.0000
25YR24HR	1600	BASE	5.25	33.32	35.03	0	-0.17	0.00	-0.5625	0.0000
25YR24HR	1600	BASE	5.50	33.34	35.03	0	-0.11	0.00	-0.5654	0.0000
25YR24HR	1600	BASE	5.75	33.35	35.03	0	-0.04	0.00	-0.5669	0.0000
25YR24HR	1600	BASE	6.00	33.37	35.03	0	0.03	0.00	-0.5671	0.0000
25YR24HR	1600	BASE	6.25	33.39	35.03	0	0.13	0.00	-0.5655	0.0000
25YR24HR	1600	BASE	6.50	33.41	35.03	0	0.24	0.00	-0.5618	0.0000
25YR24HR	1600	BASE	6.75	33.43	35.03	0	0.34	0.00	-0.5558	0.0000
25YR24HR	1600	BASE	7.00	33.45	35.03	0	0.45	0.00	-0.5475	0.0000
25YR24HR	1600	BASE	7.25	33.47	35.03	0	0.59	0.00	-0.5368	0.0000
25YR24HR	1600	BASE	7.50	33.49	35.03	0	0.74	0.00	-0.5230	0.0000
25YR24HR	1600	BASE	7.75	33.51	35.03	0	0.88	0.00	-0.5062	0.0000
25YR24HR	1600	BASE	8.00	33.53	35.03	0	1.01	0.00	-0.4867	0.0000
25YR24HR	1600	BASE	8.25	33.55	35.03	0	1.19	0.00	-0.4640	0.0000
25YR24HR	1600	BASE	8.50	33.57	35.03	0	1.36	0.00	-0.4377	0.0000
25YR24HR	1600	BASE	8.75	33.59	35.03	0	1.56	0.00	-0.4075	0.0000
25YR24HR	1600	BASE	9.00	33.61	35.03	0	1.79	0.00	-0.3729	0.0000
25YR24HR	1600	BASE	9.25	33.63	35.03	0	2.31	0.00	-0.3306	0.0000
25YR24HR	1600	BASE	9.50	33.64	35.03	0	3.00	0.00	-0.2757	0.0000
25YR24HR	1600	BASE	9.75	33.66	35.03	0	3.85	0.00	-0.2049	0.0000
25YR24HR	1600	BASE	10.00	33.68	35.03	0	4.68	0.00	-0.1168	0.0000
25YR24HR	1600	BASE	10.25	33.70	35.03	0	5.64	0.00	-0.0102	0.0000
25YR24HR	1600	BASE	10.50	33.72	35.03	0	6.66	0.00	0.1168	0.0000
25YR24HR	1600	BASE	10.75	33.74	35.03	0	7.89	0.00	0.2671	0.0000
25YR24HR	1600	BASE	11.00	33.76	35.03	0	9.13	0.00	0.4429	0.0000
25YR24HR	1600	BASE	11.25	33.78	35.03	0	10.31	0.00	0.6438	0.0000
25YR24HR	1600	BASE	11.50	33.80	35.03	0	13.31	0.00	0.8878	0.0000
25YR24HR	1600	BASE	11.75	33.82	35.03	0	20.88	0.00	1.2410	0.0000
25YR24HR	1600	BASE	12.00	33.84	35.03	0	33.29	0.00	1.8005	0.0000
25YR24HR	1600	BASE	12.25	33.86	35.03	0	39.84	0.00	2.5560	0.0000
25YR24HR	1600	BASE	12.50	33.88	35.03	0	38.90	0.00	3.3694	0.0000
25YR24HR	1600	BASE	12.75	33.90	35.03	0	35.09	0.00	4.1338	0.0000
25YR24HR	1600	BASE	13.00	33.88	35.03	0	32.65	0.00	4.8336	0.0000
25YR24HR	1600	BASE	13.25	33.86	35.03	0	29.90	0.00	5.4798	0.0000
25YR24HR	1600	BASE	13.50	33.84	35.03	0	27.94	0.00	6.0773	0.0000
25YR24HR	1600	BASE	13.75	33.82	35.03	0	26.61	0.00	6.6408	0.0000
25YR24HR	1600	BASE	14.00	33.79	35.03	0	25.61	0.00	7.1802	0.0000
25YR24HR	1600	BASE	14.25	33.77	35.03	0	24.70	0.00	7.7000	0.0000
25YR24HR	1600	BASE	14.50	33.75	35.03	0	23.85	0.00	8.2016	0.0000
25YR24HR	1600	BASE	14.75	33.73	35.03	0	22.55	0.00	8.6809	0.0000
25YR24HR	1600	BASE	15.00	33.71	35.03	0	20.00	0.00	9.1205	0.0000
25YR24HR	1600	BASE	15.25	33.68	35.03	0	19.10	0.00	9.5244	0.0000
25YR24HR	1600	BASE	15.50	33.66	35.03	0	18.55	0.00	9.9134	0.0000
25YR24HR	1600	BASE	15.75	33.64	35.03	0	18.00	0.00	10.2909	0.0000
25YR24HR	1600	BASE	16.00	33.62	35.03	0	17.49	0.00	10.6575	0.0000
25YR24HR	1600	BASE	16.25	33.60	35.03	0	17.00	0.00	11.0138	0.0000
25YR24HR	1600	BASE	16.50	33.57	35.03	0	16.51	0.00	11.3599	0.0000
25YR24HR	1600	BASE	16.75	33.55	35.03	0	16.06	0.00	11.6965	0.0000
25YR24HR	1600	BASE	17.00	33.53	35.03	0	15.62	0.00	12.0238	0.0000
25YR24HR	1600	BASE	17.25	33.51	35.03	0	15.18	0.00	12.3419	0.0000
25YR24HR	1600	BASE	17.50	33.48	35.03	0	14.75	0.00	12.6512	0.0000
25YR24HR	1600	BASE	17.75	33.46	35.03	0	14.26	0.00	12.9508	0.0000
25YR24HR	1600	BASE	18.00	33.44	35.03	0	13.74	0.00	13.2400	0.0000

Post Node Time Series

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
25YR24HR	1600	BASE	18.25	33.42	35.03	0	13.23	0.00	13.5186	0.0000
25YR24HR	1600	BASE	18.50	33.40	35.03	0	12.69	0.00	13.7864	0.0000
25YR24HR	1600	BASE	18.75	33.37	35.03	0	12.05	0.00	14.0421	0.0000
25YR24HR	1600	BASE	19.00	33.35	35.03	0	11.27	0.00	14.2830	0.0000
25YR24HR	1600	BASE	19.25	33.33	35.03	0	10.44	0.00	14.5072	0.0000
25YR24HR	1600	BASE	19.50	33.31	35.03	0	9.64	0.00	14.7146	0.0000
25YR24HR	1600	BASE	19.75	33.29	35.03	0	8.81	0.00	14.9052	0.0000
25YR24HR	1600	BASE	20.00	33.26	35.03	0	7.94	0.00	15.0783	0.0000
25YR24HR	1600	BASE	20.25	33.24	35.03	0	7.04	0.00	15.2330	0.0000
25YR24HR	1600	BASE	20.50	33.22	35.03	0	6.18	0.00	15.3696	0.0000
25YR24HR	1600	BASE	20.75	33.20	35.03	0	5.40	0.00	15.4893	0.0000
25YR24HR	1600	BASE	21.00	33.18	35.03	0	4.69	0.00	15.5936	0.0000
25YR24HR	1600	BASE	21.25	33.15	35.03	0	4.06	0.00	15.6840	0.0000
25YR24HR	1600	BASE	21.50	33.13	35.03	0	3.52	0.00	15.7623	0.0000
25YR24HR	1600	BASE	21.75	33.11	35.03	0	3.08	0.00	15.8304	0.0000
25YR24HR	1600	BASE	22.00	33.09	35.03	0	2.78	0.00	15.8910	0.0000
25YR24HR	1600	BASE	22.25	33.06	35.03	0	2.67	0.00	15.9474	0.0000
25YR24HR	1600	BASE	22.50	33.04	35.03	0	2.60	0.00	16.0018	0.0000
25YR24HR	1600	BASE	22.75	33.02	35.03	0	2.50	0.00	16.0545	0.0000
25YR24HR	1600	BASE	23.00	33.00	35.03	0	2.41	0.00	16.1053	0.0000
25YR24HR	1600	BASE	23.25	32.98	35.03	0	2.33	0.00	16.1542	0.0000
25YR24HR	1600	BASE	23.50	32.95	35.03	0	2.26	0.00	16.2017	0.0000
25YR24HR	1600	BASE	23.75	32.93	35.03	0	2.18	0.00	16.2476	0.0000
25YR24HR	1600	BASE	24.00	32.91	35.03	0	2.09	0.00	16.2917	0.0000
25YR24HR	1600	BASE	24.00	32.91	35.03	0	2.09	0.00	16.2917	0.0000
25YR24HR	900A	BASE	0.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	0.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	0.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	0.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	1.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	1.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	1.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	1.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	2.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	2.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
25YR24HR	900A	BASE	2.50	34.90	36.50	6350	0.01	0.00	0.0001	0.0000
25YR24HR	900A	BASE	2.75	34.90	36.50	6352	0.02	0.00	0.0003	0.0000
25YR24HR	900A	BASE	3.00	34.90	36.50	6357	0.02	0.00	0.0007	0.0001
25YR24HR	900A	BASE	3.25	34.91	36.50	6363	0.03	0.01	0.0013	0.0002
25YR24HR	900A	BASE	3.50	34.91	36.50	6371	0.04	0.01	0.0021	0.0004
25YR24HR	900A	BASE	3.75	34.92	36.50	6379	0.05	0.02	0.0031	0.0007
25YR24HR	900A	BASE	4.00	34.92	36.50	6387	0.06	0.03	0.0043	0.0012
25YR24HR	900A	BASE	4.25	34.93	36.50	6396	0.07	0.04	0.0058	0.0020
25YR24HR	900A	BASE	4.50	34.93	36.50	6405	0.09	0.05	0.0074	0.0029
25YR24HR	900A	BASE	4.75	34.94	36.50	6413	0.10	0.06	0.0093	0.0041
25YR24HR	900A	BASE	5.00	34.94	36.50	6421	0.10	0.08	0.0113	0.0056
25YR24HR	900A	BASE	5.25	34.94	36.50	6428	0.11	0.09	0.0136	0.0072
25YR24HR	900A	BASE	5.50	34.95	36.50	6435	0.12	0.10	0.0160	0.0091
25YR24HR	900A	BASE	5.75	34.95	36.50	6441	0.13	0.11	0.0187	0.0113
25YR24HR	900A	BASE	6.00	34.95	36.50	6447	0.14	0.11	0.0215	0.0136
25YR24HR	900A	BASE	6.25	34.96	36.50	6457	0.16	0.09	0.0245	0.0157
25YR24HR	900A	BASE	6.50	34.97	36.50	6484	0.17	-0.00	0.0278	0.0167
25YR24HR	900A	BASE	6.75	35.00	36.50	6536	0.18	-0.04	0.0315	0.0162
25YR24HR	900A	BASE	7.00	35.03	36.50	6594	0.19	-0.04	0.0353	0.0153
25YR24HR	900A	BASE	7.25	35.07	36.50	6652	0.21	-0.03	0.0393	0.0146
25YR24HR	900A	BASE	7.50	35.10	36.50	6710	0.22	-0.01	0.0438	0.0142
25YR24HR	900A	BASE	7.75	35.13	36.50	6768	0.23	-0.00	0.0485	0.0140
25YR24HR	900A	BASE	8.00	35.16	36.50	6825	0.24	0.01	0.0534	0.0141
25YR24HR	900A	BASE	8.25	35.19	36.50	6883	0.27	0.03	0.0587	0.0144
25YR24HR	900A	BASE	8.50	35.22	36.50	6940	0.29	0.04	0.0644	0.0151
25YR24HR	900A	BASE	8.75	35.25	36.50	6998	0.32	0.07	0.0706	0.0163
25YR24HR	900A	BASE	9.00	35.29	36.50	7056	0.34	0.09	0.0774	0.0180
25YR24HR	900A	BASE	9.25	35.32	36.50	7114	0.37	0.12	0.0847	0.0202
25YR24HR	900A	BASE	9.50	35.35	36.50	7171	0.38	0.13	0.0924	0.0228
25YR24HR	900A	BASE	9.75	35.38	36.50	7229	0.42	0.17	0.1008	0.0259
25YR24HR	900A	BASE	10.00	35.41	36.50	7287	0.46	0.20	0.1099	0.0297
25YR24HR	900A	BASE	10.25	35.44	36.50	7346	0.53	0.26	0.1200	0.0345
25YR24HR	900A	BASE	10.50	35.48	36.50	7405	0.58	0.32	0.1314	0.0405
25YR24HR	900A	BASE	10.75	35.51	36.50	7466	0.68	0.41	0.1444	0.0479
25YR24HR	900A	BASE	11.00	35.54	36.50	7530	0.76	0.49	0.1593	0.0572
25YR24HR	900A	BASE	11.25	35.57	36.50	7593	0.82	0.55	0.1756	0.0679
25YR24HR	900A	BASE	11.50	35.61	36.50	7668	1.22	0.88	0.1967	0.0827
25YR24HR	900A	BASE	11.75	35.69	36.50	7820	3.32	2.50	0.2436	0.1175
25YR24HR	900A	BASE	12.00	35.83	36.50	8099	6.64	5.08	0.3465	0.1958
25YR24HR	900A	BASE	12.25	35.90	36.50	8236	6.14	5.99	0.4785	0.3101
25YR24HR	900A	BASE	12.50	35.87	36.50	8165	4.31	4.85	0.5864	0.4220
25YR24HR	900A	BASE	12.75	35.82	36.50	8085	2.93	3.15	0.6611	0.5047
25YR24HR	900A	BASE	13.00	35.82	36.50	8072	1.96	1.92	0.7116	0.5571
25YR24HR	900A	BASE	13.25	35.83	36.50	8097	1.30	1.15	0.7452	0.5889
25YR24HR	900A	BASE	13.50	35.85	36.50	8141	0.97	0.75	0.7685	0.6085
25YR24HR	900A	BASE	13.75	35.82	36.50	8081	0.79	1.17	0.7866	0.6283
25YR24HR	900A	BASE	14.00	35.78	36.50	8000	0.70	1.07	0.8020	0.6514
25YR24HR	900A	BASE	14.25	35.74	36.50	7920	0.63	0.99	0.8157	0.6726
25YR24HR	900A	BASE	14.50	35.70	36.50	7841	0.59	0.94	0.8283	0.6925
25YR24HR	900A	BASE	14.75	35.66	36.50	7762	0.53	0.88	0.8398	0.7112

Post Node Time Series

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
25YR24HR	900A	BASE	15.00	35.62	36.50	7683	0.49	0.84	0.8504	0.7290
25YR24HR	900A	BASE	15.25	35.58	36.50	7605	0.47	0.80	0.8604	0.7459
25YR24HR	900A	BASE	15.50	35.54	36.50	7527	0.45	0.78	0.8698	0.7623
25YR24HR	900A	BASE	15.75	35.50	36.50	7449	0.42	0.75	0.8788	0.7780
25YR24HR	900A	BASE	16.00	35.46	36.50	7377	0.40	0.72	0.8872	0.7932
25YR24HR	900A	BASE	16.25	35.42	36.50	7304	0.38	0.70	0.8952	0.8078
25YR24HR	900A	BASE	16.50	35.38	36.50	7232	0.36	0.68	0.9028	0.8220
25YR24HR	900A	BASE	16.75	35.34	36.50	7160	0.34	0.65	0.9101	0.8357
25YR24HR	900A	BASE	17.00	35.30	36.50	7089	0.33	0.64	0.9170	0.8491
25YR24HR	900A	BASE	17.25	35.27	36.50	7019	0.33	0.62	0.9238	0.8620
25YR24HR	900A	BASE	17.50	35.23	36.50	6950	0.32	0.61	0.9305	0.8748
25YR24HR	900A	BASE	17.75	35.19	36.50	6881	0.30	0.58	0.9369	0.8871
25YR24HR	900A	BASE	18.00	35.15	36.50	6813	0.28	0.55	0.9428	0.8989
25YR24HR	900A	BASE	18.25	35.12	36.50	6750	0.28	0.53	0.9487	0.9101
25YR24HR	900A	BASE	18.50	35.09	36.50	6693	0.29	0.50	0.9545	0.9207
25YR24HR	900A	BASE	18.75	35.06	36.50	6643	0.26	0.46	0.9602	0.9306
25YR24HR	900A	BASE	19.00	35.04	36.50	6599	0.25	0.41	0.9655	0.9395
25YR24HR	900A	BASE	19.25	35.02	36.50	6564	0.25	0.37	0.9707	0.9476
25YR24HR	900A	BASE	19.50	35.00	36.50	6541	0.26	0.33	0.9760	0.9548
25YR24HR	900A	BASE	19.75	35.00	36.50	6527	0.25	0.29	0.9812	0.9611
25YR24HR	900A	BASE	20.00	34.99	36.50	6518	0.24	0.27	0.9863	0.9669
25YR24HR	900A	BASE	20.25	34.99	36.50	6511	0.23	0.25	0.9911	0.9723
25YR24HR	900A	BASE	20.50	34.98	36.50	6504	0.21	0.24	0.9956	0.9774
25YR24HR	900A	BASE	20.75	34.98	36.50	6499	0.21	0.23	1.0000	0.9822
25YR24HR	900A	BASE	21.00	34.98	36.50	6495	0.21	0.22	1.0043	0.9868
25YR24HR	900A	BASE	21.25	34.98	36.50	6493	0.21	0.21	1.0085	0.9912
25YR24HR	900A	BASE	21.50	34.98	36.50	6491	0.20	0.21	1.0128	0.9956
25YR24HR	900A	BASE	21.75	34.98	36.50	6491	0.20	0.21	1.0170	0.9999
25YR24HR	900A	BASE	22.00	34.98	36.50	6490	0.20	0.21	1.0212	1.0042
25YR24HR	900A	BASE	22.25	34.98	36.50	6490	0.20	0.21	1.0254	1.0084
25YR24HR	900A	BASE	22.50	34.98	36.50	6490	0.20	0.21	1.0297	1.0127
25YR24HR	900A	BASE	22.75	34.98	36.50	6488	0.19	0.20	1.0338	1.0169
25YR24HR	900A	BASE	23.00	34.97	36.50	6485	0.18	0.20	1.0377	1.0210
25YR24HR	900A	BASE	23.25	34.97	36.50	6483	0.18	0.19	1.0414	1.0250
25YR24HR	900A	BASE	23.50	34.97	36.50	6480	0.18	0.19	1.0451	1.0289
25YR24HR	900A	BASE	23.75	34.97	36.50	6477	0.16	0.18	1.0486	1.0326
25YR24HR	900A	BASE	24.00	34.97	36.50	6473	0.15	0.17	1.0519	1.0362
25YR24HR	900A	BASE	24.00	34.97	36.50	6473	0.15	0.17	1.0519	1.0362
25YR24HR	Post 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
25YR24HR	Post 800	BASE	4.25	35.91	37.50	0	0.02	0.00	0.0002	0.0000
25YR24HR	Post 800	BASE	4.50	35.91	37.50	0	0.05	0.00	0.0009	0.0000
25YR24HR	Post 800	BASE	4.75	35.91	37.50	0	0.09	0.00	0.0023	0.0000
25YR24HR	Post 800	BASE	5.00	35.91	37.50	0	0.13	0.00	0.0046	0.0000
25YR24HR	Post 800	BASE	5.25	35.91	37.50	0	0.18	0.00	0.0079	0.0000
25YR24HR	Post 800	BASE	5.50	35.92	37.50	0	0.23	0.00	0.0121	0.0000
25YR24HR	Post 800	BASE	5.75	35.92	37.50	0	0.28	0.00	0.0174	0.0000
25YR24HR	Post 800	BASE	6.00	35.92	37.50	0	0.32	0.00	0.0235	0.0000
25YR24HR	Post 800	BASE	6.25	35.92	37.50	0	0.39	0.00	0.0309	0.0000
25YR24HR	Post 800	BASE	6.50	35.92	37.50	0	0.46	0.00	0.0397	0.0000
25YR24HR	Post 800	BASE	6.75	35.93	37.50	0	0.51	0.00	0.0497	0.0000
25YR24HR	Post 800	BASE	7.00	35.93	37.50	0	0.57	0.00	0.0609	0.0000
25YR24HR	Post 800	BASE	7.25	35.93	37.50	0	0.66	0.00	0.0735	0.0000
25YR24HR	Post 800	BASE	7.50	35.93	37.50	0	0.74	0.00	0.0879	0.0000
25YR24HR	Post 800	BASE	7.75	35.93	37.50	0	0.80	0.00	0.1038	0.0000
25YR24HR	Post 800	BASE	8.00	35.94	37.50	0	0.86	0.00	0.1210	0.0000
25YR24HR	Post 800	BASE	8.25	35.94	37.50	0	0.98	0.00	0.1399	0.0000
25YR24HR	Post 800	BASE	8.50	35.94	37.50	0	1.08	0.00	0.1612	0.0000
25YR24HR	Post 800	BASE	8.75	35.94	37.50	0	1.23	0.00	0.1852	0.0000
25YR24HR	Post 800	BASE	9.00	35.95	37.50	0	1.36	0.00	0.2120	0.0000
25YR24HR	Post 800	BASE	9.25	35.95	37.50	0	1.50	0.00	0.2416	0.0000
25YR24HR	Post 800	BASE	9.50	35.95	37.50	0	1.61	0.00	0.2738	0.0000
25YR24HR	Post 800	BASE	9.75	35.95	37.50	0	1.83	0.00	0.3093	0.0000
25YR24HR	Post 800	BASE	10.00	35.95	37.50	0	2.01	0.00	0.3490	0.0000
25YR24HR	Post 800	BASE	10.25	35.96	37.50	0	2.37	0.00	0.3943	0.0000
25YR24HR	Post 800	BASE	10.50	35.96	37.50	0	2.66	0.00	0.4463	0.0000
25YR24HR	Post 800	BASE	10.75	35.96	37.50	0	3.21	0.00	0.5070	0.0000
25YR24HR	Post 800	BASE	11.00	35.96	37.50	0	3.64	0.00	0.5778	0.0000
25YR24HR	Post 800	BASE	11.25	35.96	37.50	0	4.04	0.00	0.6571	0.0000
25YR24HR	Post 800	BASE	11.50	35.97	37.50	0	6.14	0.00	0.7623	0.0000

Post Node Time Series

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
25YR24HR	Post 800	BASE	11.75	35.97	37.50	0	17.61	0.00	1.0076	0.0000
25YR24HR	Post 800	BASE	12.00	35.97	37.50	0	37.11	0.00	1.5729	0.0000
25YR24HR	Post 800	BASE	12.25	35.97	37.50	0	35.18	0.00	2.3197	0.0000
25YR24HR	Post 800	BASE	12.50	35.97	37.50	0	24.93	0.00	2.9407	0.0000
25YR24HR	Post 800	BASE	12.75	35.96	37.50	0	17.08	0.00	3.3748	0.0000
25YR24HR	Post 800	BASE	13.00	35.96	37.50	0	11.53	0.00	3.6703	0.0000
25YR24HR	Post 800	BASE	13.25	35.96	37.50	0	7.72	0.00	3.8691	0.0000
25YR24HR	Post 800	BASE	13.50	35.96	37.50	0	5.79	0.00	4.0087	0.0000
25YR24HR	Post 800	BASE	13.75	35.96	37.50	0	4.73	0.00	4.1173	0.0000
25YR24HR	Post 800	BASE	14.00	35.95	37.50	0	4.21	0.00	4.2097	0.0000
25YR24HR	Post 800	BASE	14.25	35.95	37.50	0	3.79	0.00	4.2924	0.0000
25YR24HR	Post 800	BASE	14.50	35.95	37.50	0	3.53	0.00	4.3681	0.0000
25YR24HR	Post 800	BASE	14.75	35.95	37.50	0	3.20	0.00	4.4377	0.0000
25YR24HR	Post 800	BASE	15.00	35.95	37.50	0	2.99	0.00	4.5016	0.0000
25YR24HR	Post 800	BASE	15.25	35.94	37.50	0	2.82	0.00	4.5617	0.0000
25YR24HR	Post 800	BASE	15.50	35.94	37.50	0	2.72	0.00	4.6190	0.0000
25YR24HR	Post 800	BASE	15.75	35.94	37.50	0	2.53	0.00	4.6732	0.0000
25YR24HR	Post 800	BASE	16.00	35.94	37.50	0	2.40	0.00	4.7241	0.0000
25YR24HR	Post 800	BASE	16.25	35.93	37.50	0	2.27	0.00	4.7725	0.0000
25YR24HR	Post 800	BASE	16.50	35.93	37.50	0	2.19	0.00	4.8186	0.0000
25YR24HR	Post 800	BASE	16.75	35.93	37.50	0	2.08	0.00	4.8627	0.0000
25YR24HR	Post 800	BASE	17.00	35.93	37.50	0	2.01	0.00	4.9049	0.0000
25YR24HR	Post 800	BASE	17.25	35.93	37.50	0	1.98	0.00	4.9460	0.0000
25YR24HR	Post 800	BASE	17.50	35.92	37.50	0	1.96	0.00	4.9866	0.0000
25YR24HR	Post 800	BASE	17.75	35.92	37.50	0	1.81	0.00	5.0255	0.0000
25YR24HR	Post 800	BASE	18.00	35.92	37.50	0	1.70	0.00	5.0617	0.0000
25YR24HR	Post 800	BASE	18.25	35.92	37.50	0	1.72	0.00	5.0970	0.0000
25YR24HR	Post 800	BASE	18.50	35.92	37.50	0	1.75	0.00	5.1328	0.0000
25YR24HR	Post 800	BASE	18.75	35.91	37.50	0	1.61	0.00	5.1675	0.0000
25YR24HR	Post 800	BASE	19.00	35.91	37.50	0	1.51	0.00	5.1997	0.0000
25YR24HR	Post 800	BASE	19.25	35.91	37.50	0	1.54	0.00	5.2313	0.0000
25YR24HR	Post 800	BASE	19.50	35.91	37.50	0	1.57	0.00	5.2635	0.0000
25YR24HR	Post 800	BASE	19.75	35.91	37.50	0	1.51	0.00	5.2953	0.0000
25YR24HR	Post 800	BASE	20.00	35.90	37.50	0	1.47	0.00	5.3260	0.0000
25YR24HR	Post 800	BASE	20.25	35.90	37.50	0	1.37	0.00	5.3553	0.0000
25YR24HR	Post 800	BASE	20.50	35.90	37.50	0	1.31	0.00	5.3830	0.0000
25YR24HR	Post 800	BASE	20.75	35.90	37.50	0	1.27	0.00	5.4097	0.0000
25YR24HR	Post 800	BASE	21.00	35.89	37.50	0	1.26	0.00	5.4358	0.0000
25YR24HR	Post 800	BASE	21.25	35.89	37.50	0	1.25	0.00	5.4617	0.0000
25YR24HR	Post 800	BASE	21.50	35.89	37.50	0	1.25	0.00	5.4876	0.0000
25YR24HR	Post 800	BASE	21.75	35.89	37.50	0	1.25	0.00	5.5134	0.0000
25YR24HR	Post 800	BASE	22.00	35.89	37.50	0	1.25	0.00	5.5392	0.0000
25YR24HR	Post 800	BASE	22.25	35.88	37.50	0	1.25	0.00	5.5650	0.0000
25YR24HR	Post 800	BASE	22.50	35.88	37.50	0	1.25	0.00	5.5909	0.0000
25YR24HR	Post 800	BASE	22.75	35.88	37.50	0	1.18	0.00	5.6159	0.0000
25YR24HR	Post 800	BASE	23.00	35.88	37.50	0	1.12	0.00	5.6397	0.0000
25YR24HR	Post 800	BASE	23.25	35.88	37.50	0	1.10	0.00	5.6627	0.0000
25YR24HR	Post 800	BASE	23.50	35.87	37.50	0	1.08	0.00	5.6852	0.0000
25YR24HR	Post 800	BASE	23.75	35.87	37.50	0	1.00	0.00	5.7067	0.0000
25YR24HR	Post 800	BASE	24.00	35.87	37.50	0	0.94	0.00	5.7268	0.0000
25YR24HR	Post 800	BASE	24.00	35.87	37.50	0	0.94	0.00	5.7268	0.0000
5YR24HR	1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
5YR24HR	1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
5YR24HR	1100	BASE	0.50	33.46	35.43	709840	3.39	0.55	-0.4098	0.0229
5YR24HR	1100	BASE	0.75	33.46	35.43	709813	3.42	0.54	-0.3395	0.0342
5YR24HR	1100	BASE	1.00	33.46	35.43	709788	3.43	0.54	-0.2689	0.0454
5YR24HR	1100	BASE	1.25	33.46	35.43	709763	3.43	0.54	-0.1980	0.0566
5YR24HR	1100	BASE	1.50	33.46	35.43	709739	3.43	0.54	-0.1271	0.0678
5YR24HR	1100	BASE	1.75	33.46	35.43	709715	3.46	0.54	-0.0559	0.0788
5YR24HR	1100	BASE	2.00	33.46	35.43	709694	3.52	0.53	0.0162	0.0899
5YR24HR	1100	BASE	2.25	33.46	35.43	709677	3.61	0.53	0.0898	0.1009
5YR24HR	1100	BASE	2.50	33.46	35.43	709665	3.70	0.53	0.1654	0.1118
5YR24HR	1100	BASE	2.75	33.46	35.43	709667	4.14	0.53	0.2464	0.1228
5YR24HR	1100	BASE	3.00	33.46	35.43	709707	4.57	0.53	0.3365	0.1338
5YR24HR	1100	BASE	3.25	33.46	35.43	709800	2.79	0.54	0.4126	0.1449
5YR24HR	1100	BASE	3.50	33.47	35.43	709958	4.06	0.56	0.4833	0.1563
5YR24HR	1100	BASE	3.75	33.47	35.43	710253	5.48	0.59	0.5819	0.1681
5YR24HR	1100	BASE	4.00	33.48	35.43	710781	7.03	0.66	0.7111	0.1810
5YR24HR	1100	BASE	4.25	33.49	35.43	711452	8.74	0.78	0.8740	0.1959
5YR24HR	1100	BASE	4.50	33.50	35.43	712273	10.56	0.97	1.0735	0.2140
5YR24HR	1100	BASE	4.75	33.51	35.43	713246	12.45	1.24	1.3112	0.2368
5YR24HR	1100	BASE	5.00	33.53	35.43	714369	14.42	1.58	1.5889	0.2659
5YR24HR	1100	BASE	5.25	33.54	35.43	715644	16.52	2.02	1.9085	0.3030
5YR24HR	1100	BASE	5.50	33.56	35.43	717068	18.69	2.56	2.2722	0.3503
5YR24HR	1100	BASE	5.75	33.59	35.43	718638	20.92	3.23	2.6813	0.4102
5YR24HR	1100	BASE	6.00	33.61	35.43	720348	23.24	4.02	3.1376	0.4851
5YR24HR	1100	BASE	6.25	33.63	35.43	722199	25.78	4.95	3.6440	0.5777
5YR24HR	1100	BASE	6.50	33.66	35.43	724189	28.36	6.02	4.2033	0.6911
5YR24HR	1100	BASE	6.75	33.69	35.43	726305	30.97	7.25	4.8162	0.8282
5YR24HR	1100	BASE	7.00	33.72	35.43	728538	33.62	8.62	5.4835	0.9922
5YR24HR	1100	BASE	7.25	33.75	35.43	730883	36.49	10.16	6.2078	1.1861
5YR24HR	1100	BASE	7.50	33.78	35.43	733336	39.39	11.85	6.9916	1.4134
5YR24HR	1100	BASE	7.75	33.82	35.43	735882	42.28	13.69	7.8353	1.6773
5YR24HR	1100	BASE	8.00	33.85	35.43	738484	44.39	15.66	8.7307	1.9805
5YR24HR	1100	BASE	8.25	33.89	35.43	741059	46.10	17.70	9.6655	2.3253

Post Node Time Series

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
5YR24HR	1100	BASE	8.50	33.92	35.43	743581	47.54	19.78	10.6329	2.7125
5YR24HR	1100	BASE	8.75	33.96	35.43	746037	48.98	21.87	11.6299	3.1428
5YR24HR	1100	BASE	9.00	33.99	35.43	748418	50.24	23.95	12.6550	3.6162
5YR24HR	1100	BASE	9.25	34.02	35.43	750718	51.43	26.06	13.7054	4.1328
5YR24HR	1100	BASE	9.50	34.05	35.43	752916	52.48	28.25	14.7789	4.6938
5YR24HR	1100	BASE	9.75	34.08	35.43	755027	53.76	30.23	15.8764	5.2978
5YR24HR	1100	BASE	10.00	34.10	35.43	757068	54.85	32.05	16.9984	5.9411
5YR24HR	1100	BASE	10.25	34.13	35.43	759068	56.43	33.71	18.1481	6.6204
5YR24HR	1100	BASE	10.50	34.16	35.43	761050	57.81	35.32	19.3283	7.3336
5YR24HR	1100	BASE	10.75	34.18	35.43	763034	59.77	36.92	20.5430	8.0799
5YR24HR	1100	BASE	11.00	34.21	35.43	765023	61.26	38.51	21.7933	8.8592
5YR24HR	1100	BASE	11.25	34.24	35.43	766993	62.48	39.94	23.0716	9.6696
5YR24HR	1100	BASE	11.50	34.27	35.43	769085	68.00	42.05	24.4196	10.5166
5YR24HR	1100	BASE	11.75	34.31	35.43	772455	97.64	45.54	26.1308	11.4214
5YR24HR	1100	BASE	12.00	34.40	35.43	778600	144.22	52.88	28.6293	12.4382
5YR24HR	1100	BASE	12.25	34.50	35.43	784708	145.28	63.86	31.6199	13.6443
5YR24HR	1100	BASE	12.50	34.57	35.43	786372	123.49	72.23	34.3964	15.0501
5YR24HR	1100	BASE	12.75	34.62	35.43	787338	104.25	77.49	36.7491	16.5968
5YR24HR	1100	BASE	13.00	34.64	35.43	787784	90.02	80.47	38.7561	18.2286
5YR24HR	1100	BASE	13.25	34.64	35.43	787881	80.54	81.90	40.5182	19.9060
5YR24HR	1100	BASE	13.50	34.64	35.43	787779	75.85	82.41	42.1338	21.6035
5YR24HR	1100	BASE	13.75	34.63	35.43	787563	71.77	82.37	43.6589	23.3059
5YR24HR	1100	BASE	14.00	34.61	35.43	787270	69.08	81.94	45.1139	25.0033
5YR24HR	1100	BASE	14.25	34.60	35.43	786949	66.62	78.70	46.5157	26.6628
5YR24HR	1100	BASE	14.50	34.58	35.43	786630	64.60	78.06	47.8712	28.2822
5YR24HR	1100	BASE	14.75	34.57	35.43	786279	62.52	77.17	49.1843	29.8858
5YR24HR	1100	BASE	15.00	34.55	35.43	785903	60.74	76.21	50.4577	31.4702
5YR24HR	1100	BASE	15.25	34.53	35.43	785511	59.12	75.10	51.6958	33.0332
5YR24HR	1100	BASE	15.50	34.51	35.43	785112	57.65	73.62	52.9021	34.5695
5YR24HR	1100	BASE	15.75	34.50	35.43	784712	56.00	72.06	54.0762	36.0745
5YR24HR	1100	BASE	16.00	34.48	35.43	784324	54.38	68.97	55.2165	37.5315
5YR24HR	1100	BASE	16.25	34.46	35.43	783498	52.77	67.49	56.3234	38.9412
5YR24HR	1100	BASE	16.50	34.44	35.43	782239	51.24	66.12	57.3979	40.3214
5YR24HR	1100	BASE	16.75	34.43	35.43	780959	49.62	64.77	58.4398	41.6736
5YR24HR	1100	BASE	17.00	34.41	35.43	779656	48.02	63.39	59.4485	42.9975
5YR24HR	1100	BASE	17.25	34.39	35.43	778335	46.45	61.98	60.4244	44.2926
5YR24HR	1100	BASE	17.50	34.37	35.43	776997	44.82	60.52	61.3673	45.5580
5YR24HR	1100	BASE	17.75	34.35	35.43	775629	42.82	59.01	62.2727	46.7928
5YR24HR	1100	BASE	18.00	34.34	35.43	774219	40.79	57.38	63.1365	47.9952
5YR24HR	1100	BASE	18.25	34.32	35.43	772786	38.95	55.61	63.9603	49.1625
5YR24HR	1100	BASE	18.50	34.30	35.43	771345	37.01	53.72	64.7450	50.2921
5YR24HR	1100	BASE	18.75	34.28	35.43	769880	34.57	51.75	65.4844	51.3817
5YR24HR	1100	BASE	19.00	34.26	35.43	768367	31.97	49.72	66.1718	52.4299
5YR24HR	1100	BASE	19.25	34.24	35.43	766805	29.09	47.43	66.8025	53.4335
5YR24HR	1100	BASE	19.50	34.21	35.43	765179	26.07	45.07	67.3723	54.3892
5YR24HR	1100	BASE	19.75	34.19	35.43	763494	23.01	42.62	67.8793	55.2951
5YR24HR	1100	BASE	20.00	34.17	35.43	761760	20.09	40.13	68.3246	56.1500
5YR24HR	1100	BASE	20.25	34.14	35.43	759985	17.21	37.67	68.7099	56.9538
5YR24HR	1100	BASE	20.50	34.12	35.43	758179	14.58	35.24	69.0383	57.7070
5YR24HR	1100	BASE	20.75	34.09	35.43	756359	12.22	32.89	69.3152	58.4108
5YR24HR	1100	BASE	21.00	34.07	35.43	754543	10.12	30.62	69.5461	59.0669
5YR24HR	1100	BASE	21.25	34.05	35.43	752742	8.28	28.49	69.7361	59.6776
5YR24HR	1100	BASE	21.50	34.02	35.43	750967	6.72	26.52	69.8911	60.2459
5YR24HR	1100	BASE	21.75	34.00	35.43	749229	8.60	24.78	70.0493	60.7759
5YR24HR	1100	BASE	22.00	33.98	35.43	747539	8.00	23.26	70.2208	61.2721
5YR24HR	1100	BASE	22.25	33.95	35.43	745938	7.89	21.84	70.3849	61.7381
5YR24HR	1100	BASE	22.50	33.93	35.43	744448	7.83	20.56	70.5473	62.1761
5YR24HR	1100	BASE	22.75	33.92	35.43	743054	7.63	19.38	70.7071	62.5887
5YR24HR	1100	BASE	23.00	33.90	35.43	741742	7.46	18.29	70.8629	62.9778
5YR24HR	1100	BASE	23.25	33.88	35.43	740509	7.34	17.29	71.0158	63.3453
5YR24HR	1100	BASE	23.50	33.87	35.43	739352	7.25	16.36	71.1665	63.6930
5YR24HR	1100	BASE	23.75	33.85	35.43	738260	7.03	15.51	71.3141	64.0222
5YR24HR	1100	BASE	24.00	33.84	35.43	737222	6.85	14.71	71.4575	64.3343
5YR24HR	1100	BASE	24.00	33.84	35.43	737222	6.85	14.71	71.4576	64.3345
5YR24HR	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
5YR24HR	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
5YR24HR	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
5YR24HR	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
5YR24HR	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
5YR24HR	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
5YR24HR	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
5YR24HR	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
5YR24HR	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
5YR24HR	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
5YR24HR	1600	BASE	2.50	33.10	35.03	0	-0.64	0.00	-0.4672	0.0000
5YR24HR	1600	BASE	2.75	33.12	35.03	0	-0.64	0.00	-0.4803	0.0000
5YR24HR	1600	BASE	3.00	33.14	35.03	0	-0.63	0.00	-0.4935	0.0000
5YR24HR	1600	BASE	3.25	33.16	35.03	0	-0.62	0.00	-0.5065	0.0000
5YR24HR	1600	BASE	3.50	33.18	35.03	0	-0.61	0.00	-0.5192	0.0000
5YR24HR	1600	BASE	3.75	33.20	35.03	0	-0.59	0.00	-0.5316	0.0000
5YR24HR	1600	BASE	4.00	33.22	35.03	0	-0.57	0.00	-0.5436	0.0000
5YR24HR	1600	BASE	4.25	33.24	35.03	0	-0.55	0.00	-0.5552	0.0000
5YR24HR	1600	BASE	4.50	33.26	35.03	0	-0.52	0.00	-0.5662	0.0000
5YR24HR	1600	BASE	4.75	33.28	35.03	0	-0.49	0.00	-0.5767	0.0000
5YR24HR	1600	BASE	5.00	33.30	35.03	0	-0.46	0.00	-0.5865	0.0000

Post Node Time Series

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
5YR24HR	1600	BASE	5.25	33.32	35.03	0	-0.42	0.00	-0.5956	0.0000
5YR24HR	1600	BASE	5.50	33.34	35.03	0	-0.37	0.00	-0.6038	0.0000
5YR24HR	1600	BASE	5.75	33.35	35.03	0	-0.32	0.00	-0.6110	0.0000
5YR24HR	1600	BASE	6.00	33.37	35.03	0	-0.27	0.00	-0.6171	0.0000
5YR24HR	1600	BASE	6.25	33.39	35.03	0	-0.19	0.00	-0.6218	0.0000
5YR24HR	1600	BASE	6.50	33.41	35.03	0	-0.11	0.00	-0.6249	0.0000
5YR24HR	1600	BASE	6.75	33.43	35.03	0	-0.02	0.00	-0.6261	0.0000
5YR24HR	1600	BASE	7.00	33.45	35.03	0	0.07	0.00	-0.6256	0.0000
5YR24HR	1600	BASE	7.25	33.47	35.03	0	0.19	0.00	-0.6229	0.0000
5YR24HR	1600	BASE	7.50	33.49	35.03	0	0.31	0.00	-0.6177	0.0000
5YR24HR	1600	BASE	7.75	33.51	35.03	0	0.43	0.00	-0.6100	0.0000
5YR24HR	1600	BASE	8.00	33.53	35.03	0	0.55	0.00	-0.5999	0.0000
5YR24HR	1600	BASE	8.25	33.55	35.03	0	0.69	0.00	-0.5871	0.0000
5YR24HR	1600	BASE	8.50	33.57	35.03	0	0.84	0.00	-0.5713	0.0000
5YR24HR	1600	BASE	8.75	33.59	35.03	0	1.00	0.00	-0.5523	0.0000
5YR24HR	1600	BASE	9.00	33.61	35.03	0	1.16	0.00	-0.5300	0.0000
5YR24HR	1600	BASE	9.25	33.63	35.03	0	1.40	0.00	-0.5035	0.0000
5YR24HR	1600	BASE	9.50	33.64	35.03	0	1.92	0.00	-0.4692	0.0000
5YR24HR	1600	BASE	9.75	33.66	35.03	0	2.61	0.00	-0.4225	0.0000
5YR24HR	1600	BASE	10.00	33.68	35.03	0	3.37	0.00	-0.3607	0.0000
5YR24HR	1600	BASE	10.25	33.70	35.03	0	4.16	0.00	-0.2828	0.0000
5YR24HR	1600	BASE	10.50	33.72	35.03	0	5.00	0.00	-0.1881	0.0000
5YR24HR	1600	BASE	10.75	33.74	35.03	0	5.98	0.00	-0.0747	0.0000
5YR24HR	1600	BASE	11.00	33.76	35.03	0	7.00	0.00	0.0594	0.0000
5YR24HR	1600	BASE	11.25	33.78	35.03	0	7.99	0.00	0.2142	0.0000
5YR24HR	1600	BASE	11.50	33.80	35.03	0	10.13	0.00	0.4015	0.0000
5YR24HR	1600	BASE	11.75	33.82	35.03	0	15.66	0.00	0.6679	0.0000
5YR24HR	1600	BASE	12.00	33.84	35.03	0	25.61	0.00	1.0943	0.0000
5YR24HR	1600	BASE	12.25	33.86	35.03	0	30.59	0.00	1.6750	0.0000
5YR24HR	1600	BASE	12.50	33.88	35.03	0	30.00	0.00	2.3010	0.0000
5YR24HR	1600	BASE	12.75	33.90	35.03	0	27.54	0.00	2.8954	0.0000
5YR24HR	1600	BASE	13.00	33.88	35.03	0	26.50	0.00	3.4537	0.0000
5YR24HR	1600	BASE	13.25	33.86	35.03	0	24.69	0.00	3.9825	0.0000
5YR24HR	1600	BASE	13.50	33.84	35.03	0	23.39	0.00	4.4792	0.0000
5YR24HR	1600	BASE	13.75	33.82	35.03	0	22.48	0.00	4.9531	0.0000
5YR24HR	1600	BASE	14.00	33.79	35.03	0	21.78	0.00	5.4104	0.0000
5YR24HR	1600	BASE	14.25	33.77	35.03	0	19.57	0.00	5.8376	0.0000
5YR24HR	1600	BASE	14.50	33.75	35.03	0	17.99	0.00	6.2256	0.0000
5YR24HR	1600	BASE	14.75	33.73	35.03	0	17.49	0.00	6.5921	0.0000
5YR24HR	1600	BASE	15.00	33.71	35.03	0	17.04	0.00	6.9488	0.0000
5YR24HR	1600	BASE	15.25	33.68	35.03	0	16.59	0.00	7.2963	0.0000
5YR24HR	1600	BASE	15.50	33.66	35.03	0	16.16	0.00	7.6346	0.0000
5YR24HR	1600	BASE	15.75	33.64	35.03	0	15.71	0.00	7.9639	0.0000
5YR24HR	1600	BASE	16.00	33.62	35.03	0	15.30	0.00	8.2843	0.0000
5YR24HR	1600	BASE	16.25	33.60	35.03	0	14.93	0.00	8.5966	0.0000
5YR24HR	1600	BASE	16.50	33.57	35.03	0	14.57	0.00	8.9014	0.0000
5YR24HR	1600	BASE	16.75	33.55	35.03	0	14.20	0.00	9.1986	0.0000
5YR24HR	1600	BASE	17.00	33.53	35.03	0	13.82	0.00	9.4881	0.0000
5YR24HR	1600	BASE	17.25	33.51	35.03	0	13.44	0.00	9.7697	0.0000
5YR24HR	1600	BASE	17.50	33.48	35.03	0	13.05	0.00	10.0435	0.0000
5YR24HR	1600	BASE	17.75	33.46	35.03	0	12.59	0.00	10.3083	0.0000
5YR24HR	1600	BASE	18.00	33.44	35.03	0	12.08	0.00	10.5632	0.0000
5YR24HR	1600	BASE	18.25	33.42	35.03	0	11.55	0.00	10.8073	0.0000
5YR24HR	1600	BASE	18.50	33.40	35.03	0	10.96	0.00	11.0398	0.0000
5YR24HR	1600	BASE	18.75	33.37	35.03	0	10.23	0.00	11.2588	0.0000
5YR24HR	1600	BASE	19.00	33.35	35.03	0	9.49	0.00	11.4625	0.0000
5YR24HR	1600	BASE	19.25	33.33	35.03	0	8.79	0.00	11.6514	0.0000
5YR24HR	1600	BASE	19.50	33.31	35.03	0	8.07	0.00	11.8256	0.0000
5YR24HR	1600	BASE	19.75	33.29	35.03	0	7.30	0.00	11.9844	0.0000
5YR24HR	1600	BASE	20.00	33.26	35.03	0	6.51	0.00	12.1269	0.0000
5YR24HR	1600	BASE	20.25	33.24	35.03	0	5.73	0.00	12.2534	0.0000
5YR24HR	1600	BASE	20.50	33.22	35.03	0	5.00	0.00	12.3643	0.0000
5YR24HR	1600	BASE	20.75	33.20	35.03	0	4.33	0.00	12.4607	0.0000
5YR24HR	1600	BASE	21.00	33.18	35.03	0	3.72	0.00	12.5439	0.0000
5YR24HR	1600	BASE	21.25	33.15	35.03	0	3.20	0.00	12.6154	0.0000
5YR24HR	1600	BASE	21.50	33.13	35.03	0	2.78	0.00	12.6772	0.0000
5YR24HR	1600	BASE	21.75	33.11	35.03	0	2.51	0.00	12.7319	0.0000
5YR24HR	1600	BASE	22.00	33.09	35.03	0	2.41	0.00	12.7827	0.0000
5YR24HR	1600	BASE	22.25	33.06	35.03	0	2.34	0.00	12.8317	0.0000
5YR24HR	1600	BASE	22.50	33.04	35.03	0	2.27	0.00	12.8793	0.0000
5YR24HR	1600	BASE	22.75	33.02	35.03	0	2.18	0.00	12.9253	0.0000
5YR24HR	1600	BASE	23.00	33.00	35.03	0	2.10	0.00	12.9695	0.0000
5YR24HR	1600	BASE	23.25	32.98	35.03	0	2.03	0.00	13.0121	0.0000
5YR24HR	1600	BASE	23.50	32.95	35.03	0	1.97	0.00	13.0534	0.0000
5YR24HR	1600	BASE	23.75	32.93	35.03	0	1.90	0.00	13.0934	0.0000
5YR24HR	1600	BASE	24.00	32.91	35.03	0	1.83	0.00	13.1318	0.0000
5YR24HR	1600	BASE	24.00	32.91	35.03	0	1.83	0.00	13.1318	0.0000
5YR24HR	900A	BASE	0.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	0.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	0.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	0.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	1.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	1.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	1.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	1.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000

Post Node Time Series

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
5YR24HR	900A	BASE	2.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	2.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	2.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	2.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	3.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
5YR24HR	900A	BASE	3.25	34.90	36.50	6349	0.01	0.00	0.0001	0.0000
5YR24HR	900A	BASE	3.50	34.90	36.50	6351	0.01	0.00	0.0002	0.0000
5YR24HR	900A	BASE	3.75	34.90	36.50	6354	0.02	0.00	0.0005	0.0000
5YR24HR	900A	BASE	4.00	34.91	36.50	6358	0.02	0.00	0.0009	0.0001
5YR24HR	900A	BASE	4.25	34.91	36.50	6364	0.03	0.01	0.0014	0.0002
5YR24HR	900A	BASE	4.50	34.91	36.50	6369	0.04	0.01	0.0021	0.0004
5YR24HR	900A	BASE	4.75	34.91	36.50	6376	0.04	0.02	0.0029	0.0007
5YR24HR	900A	BASE	5.00	34.92	36.50	6382	0.05	0.02	0.0038	0.0011
5YR24HR	900A	BASE	5.25	34.92	36.50	6388	0.06	0.03	0.0049	0.0017
5YR24HR	900A	BASE	5.50	34.93	36.50	6395	0.06	0.04	0.0061	0.0024
5YR24HR	900A	BASE	5.75	34.93	36.50	6400	0.07	0.05	0.0074	0.0033
5YR24HR	900A	BASE	6.00	34.93	36.50	6406	0.07	0.05	0.0089	0.0043
5YR24HR	900A	BASE	6.25	34.94	36.50	6420	0.08	-0.03	0.0105	0.0044
5YR24HR	900A	BASE	6.50	34.96	36.50	6462	0.09	-0.11	0.0123	0.0030
5YR24HR	900A	BASE	6.75	34.99	36.50	6519	0.10	-0.15	0.0143	0.0003
5YR24HR	900A	BASE	7.00	35.03	36.50	6582	0.11	-0.14	0.0164	-0.0026
5YR24HR	900A	BASE	7.25	35.06	36.50	6644	0.12	-0.12	0.0188	-0.0054
5YR24HR	900A	BASE	7.50	35.09	36.50	6703	0.13	-0.11	0.0213	-0.0078
5YR24HR	900A	BASE	7.75	35.13	36.50	6761	0.14	-0.10	0.0241	-0.0099
5YR24HR	900A	BASE	8.00	35.16	36.50	6819	0.14	-0.09	0.0270	-0.0119
5YR24HR	900A	BASE	8.25	35.19	36.50	6877	0.16	-0.08	0.0302	-0.0137
5YR24HR	900A	BASE	8.50	35.22	36.50	6934	0.17	-0.07	0.0336	-0.0153
5YR24HR	900A	BASE	8.75	35.25	36.50	6992	0.19	-0.05	0.0374	-0.0165
5YR24HR	900A	BASE	9.00	35.28	36.50	7050	0.21	-0.03	0.0416	-0.0174
5YR24HR	900A	BASE	9.25	35.31	36.50	7107	0.23	-0.02	0.0462	-0.0179
5YR24HR	900A	BASE	9.50	35.35	36.50	7165	0.24	-0.01	0.0510	-0.0182
5YR24HR	900A	BASE	9.75	35.38	36.50	7222	0.27	0.02	0.0563	-0.0181
5YR24HR	900A	BASE	10.00	35.41	36.50	7280	0.29	0.04	0.0621	-0.0175
5YR24HR	900A	BASE	10.25	35.44	36.50	7338	0.34	0.08	0.0686	-0.0163
5YR24HR	900A	BASE	10.50	35.47	36.50	7396	0.38	0.12	0.0760	-0.0143
5YR24HR	900A	BASE	10.75	35.50	36.50	7456	0.45	0.18	0.0845	-0.0112
5YR24HR	900A	BASE	11.00	35.54	36.50	7519	0.50	0.23	0.0943	-0.0069
5YR24HR	900A	BASE	11.25	35.57	36.50	7581	0.55	0.28	0.1052	-0.0016
5YR24HR	900A	BASE	11.50	35.60	36.50	7651	0.82	0.51	0.1193	0.0065
5YR24HR	900A	BASE	11.75	35.66	36.50	7769	2.27	1.68	0.1512	0.0291
5YR24HR	900A	BASE	12.00	35.76	36.50	7959	4.62	3.61	0.2224	0.0837
5YR24HR	900A	BASE	12.25	35.81	36.50	8054	4.31	4.14	0.3147	0.1638
5YR24HR	900A	BASE	12.50	35.80	36.50	8033	3.04	3.21	0.3906	0.2396
5YR24HR	900A	BASE	12.75	35.79	36.50	8021	2.07	2.05	0.4433	0.2940
5YR24HR	900A	BASE	13.00	35.80	36.50	8042	1.39	1.25	0.4790	0.3282
5YR24HR	900A	BASE	13.25	35.82	36.50	8081	0.92	0.73	0.5028	0.3487
5YR24HR	900A	BASE	13.50	35.85	36.50	8131	0.69	0.45	0.5195	0.3608
5YR24HR	900A	BASE	13.75	35.82	36.50	8071	0.56	0.94	0.5324	0.3751
5YR24HR	900A	BASE	14.00	35.78	36.50	7991	0.50	0.86	0.5433	0.3937
5YR24HR	900A	BASE	14.25	35.74	36.50	7912	0.45	0.80	0.5531	0.4109
5YR24HR	900A	BASE	14.50	35.70	36.50	7834	0.42	0.77	0.5621	0.4271
5YR24HR	900A	BASE	14.75	35.66	36.50	7755	0.38	0.73	0.5704	0.4425
5YR24HR	900A	BASE	15.00	35.62	36.50	7676	0.35	0.69	0.5779	0.4572
5YR24HR	900A	BASE	15.25	35.58	36.50	7598	0.33	0.67	0.5850	0.4713
5YR24HR	900A	BASE	15.50	35.54	36.50	7521	0.32	0.65	0.5918	0.4849
5YR24HR	900A	BASE	15.75	35.50	36.50	7443	0.30	0.63	0.5982	0.4982
5YR24HR	900A	BASE	16.00	35.46	36.50	7371	0.28	0.61	0.6042	0.5109
5YR24HR	900A	BASE	16.25	35.42	36.50	7298	0.27	0.59	0.6099	0.5233
5YR24HR	900A	BASE	16.50	35.38	36.50	7226	0.26	0.57	0.6154	0.5353
5YR24HR	900A	BASE	16.75	35.34	36.50	7154	0.25	0.56	0.6206	0.5470
5YR24HR	900A	BASE	17.00	35.30	36.50	7083	0.24	0.54	0.6256	0.5583
5YR24HR	900A	BASE	17.25	35.26	36.50	7012	0.23	0.53	0.6304	0.5694
5YR24HR	900A	BASE	17.50	35.22	36.50	6942	0.23	0.52	0.6352	0.5803
5YR24HR	900A	BASE	17.75	35.19	36.50	6872	0.21	0.50	0.6398	0.5909
5YR24HR	900A	BASE	18.00	35.15	36.50	6803	0.20	0.48	0.6440	0.6011
5YR24HR	900A	BASE	18.25	35.11	36.50	6738	0.20	0.46	0.6482	0.6108
5YR24HR	900A	BASE	18.50	35.08	36.50	6678	0.21	0.43	0.6524	0.6200
5YR24HR	900A	BASE	18.75	35.05	36.50	6624	0.19	0.39	0.6565	0.6286
5YR24HR	900A	BASE	19.00	35.02	36.50	6577	0.18	0.35	0.6603	0.6362
5YR24HR	900A	BASE	19.25	35.00	36.50	6540	0.18	0.31	0.6640	0.6430
5YR24HR	900A	BASE	19.50	34.99	36.50	6514	0.18	0.26	0.6678	0.6488
5YR24HR	900A	BASE	19.75	34.98	36.50	6499	0.18	0.23	0.6715	0.6539
5YR24HR	900A	BASE	20.00	34.98	36.50	6489	0.17	0.20	0.6751	0.6583
5YR24HR	900A	BASE	20.25	34.97	36.50	6482	0.16	0.19	0.6786	0.6623
5YR24HR	900A	BASE	20.50	34.97	36.50	6475	0.15	0.18	0.6818	0.6661
5YR24HR	900A	BASE	20.75	34.97	36.50	6471	0.15	0.17	0.6850	0.6696
5YR24HR	900A	BASE	21.00	34.96	36.50	6467	0.15	0.16	0.6880	0.6730
5YR24HR	900A	BASE	21.25	34.96	36.50	6465	0.15	0.15	0.6911	0.6762
5YR24HR	900A	BASE	21.50	34.96	36.50	6464	0.15	0.15	0.6941	0.6794
5YR24HR	900A	BASE	21.75	34.96	36.50	6463	0.15	0.15	0.6972	0.6825
5YR24HR	900A	BASE	22.00	34.96	36.50	6462	0.15	0.15	0.7002	0.6855
5YR24HR	900A	BASE	22.25	34.96	36.50	6462	0.15	0.15	0.7032	0.6886
5YR24HR	900A	BASE	22.50	34.96	36.50	6462	0.15	0.15	0.7063	0.6917
5YR24HR	900A	BASE	22.75	34.96	36.50	6461	0.14	0.15	0.7092	0.6947
5YR24HR	900A	BASE	23.00	34.96	36.50	6458	0.13	0.14	0.7120	0.6976
5YR24HR	900A	BASE	23.25	34.96	36.50	6456	0.13	0.14	0.7147	0.7005

Post Node Time Series

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
5YR24HR	900A	BASE	23.50	34.96	36.50	6454	0.13	0.13	0.7173	0.7033
5YR24HR	900A	BASE	23.75	34.96	36.50	6452	0.12	0.13	0.7198	0.7060
5YR24HR	900A	BASE	24.00	34.95	36.50	6449	0.11	0.12	0.7222	0.7086
5YR24HR	900A	BASE	24.00	34.95	36.50	6449	0.11	0.12	0.7222	0.7086
5YR24HR	Post 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	4.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	4.50	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	4.75	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	5.00	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	5.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
5YR24HR	Post 800	BASE	5.50	35.92	37.50	0	0.02	0.00	0.0002	0.0000
5YR24HR	Post 800	BASE	5.75	35.92	37.50	0	0.04	0.00	0.0007	0.0000
5YR24HR	Post 800	BASE	6.00	35.92	37.50	0	0.06	0.00	0.0018	0.0000
5YR24HR	Post 800	BASE	6.25	35.92	37.50	0	0.10	0.00	0.0034	0.0000
5YR24HR	Post 800	BASE	6.50	35.92	37.50	0	0.13	0.00	0.0058	0.0000
5YR24HR	Post 800	BASE	6.75	35.93	37.50	0	0.17	0.00	0.0089	0.0000
5YR24HR	Post 800	BASE	7.00	35.93	37.50	0	0.20	0.00	0.0128	0.0000
5YR24HR	Post 800	BASE	7.25	35.93	37.50	0	0.25	0.00	0.0175	0.0000
5YR24HR	Post 800	BASE	7.50	35.93	37.50	0	0.30	0.00	0.0232	0.0000
5YR24HR	Post 800	BASE	7.75	35.93	37.50	0	0.34	0.00	0.0299	0.0000
5YR24HR	Post 800	BASE	8.00	35.94	37.50	0	0.38	0.00	0.0373	0.0000
5YR24HR	Post 800	BASE	8.25	35.94	37.50	0	0.45	0.00	0.0459	0.0000
5YR24HR	Post 800	BASE	8.50	35.94	37.50	0	0.51	0.00	0.0559	0.0000
5YR24HR	Post 800	BASE	8.75	35.94	37.50	0	0.60	0.00	0.0675	0.0000
5YR24HR	Post 800	BASE	9.00	35.95	37.50	0	0.68	0.00	0.0808	0.0000
5YR24HR	Post 800	BASE	9.25	35.95	37.50	0	0.77	0.00	0.0958	0.0000
5YR24HR	Post 800	BASE	9.50	35.95	37.50	0	0.84	0.00	0.1125	0.0000
5YR24HR	Post 800	BASE	9.75	35.95	37.50	0	0.98	0.00	0.1313	0.0000
5YR24HR	Post 800	BASE	10.00	35.95	37.50	0	1.09	0.00	0.1527	0.0000
5YR24HR	Post 800	BASE	10.25	35.96	37.50	0	1.31	0.00	0.1775	0.0000
5YR24HR	Post 800	BASE	10.50	35.96	37.50	0	1.50	0.00	0.2066	0.0000
5YR24HR	Post 800	BASE	10.75	35.96	37.50	0	1.84	0.00	0.2411	0.0000
5YR24HR	Post 800	BASE	11.00	35.96	37.50	0	2.12	0.00	0.2821	0.0000
5YR24HR	Post 800	BASE	11.25	35.96	37.50	0	2.39	0.00	0.3287	0.0000
5YR24HR	Post 800	BASE	11.50	35.97	37.50	0	3.70	0.00	0.3916	0.0000
5YR24HR	Post 800	BASE	11.75	35.97	37.50	0	11.03	0.00	0.5437	0.0000
5YR24HR	Post 800	BASE	12.00	35.97	37.50	0	24.20	0.00	0.9077	0.0000
5YR24HR	Post 800	BASE	12.25	35.97	37.50	0	23.38	0.00	1.3993	0.0000
5YR24HR	Post 800	BASE	12.50	35.97	37.50	0	16.71	0.00	1.8134	0.0000
5YR24HR	Post 800	BASE	12.75	35.96	37.50	0	11.52	0.00	2.1050	0.0000
5YR24HR	Post 800	BASE	13.00	35.96	37.50	0	7.83	0.00	2.3050	0.0000
5YR24HR	Post 800	BASE	13.25	35.96	37.50	0	5.29	0.00	2.4405	0.0000
5YR24HR	Post 800	BASE	13.50	35.96	37.50	0	3.99	0.00	2.5363	0.0000
5YR24HR	Post 800	BASE	13.75	35.96	37.50	0	3.26	0.00	2.6112	0.0000
5YR24HR	Post 800	BASE	14.00	35.95	37.50	0	2.91	0.00	2.6749	0.0000
5YR24HR	Post 800	BASE	14.25	35.95	37.50	0	2.62	0.00	2.7321	0.0000
5YR24HR	Post 800	BASE	14.50	35.95	37.50	0	2.45	0.00	2.7844	0.0000
5YR24HR	Post 800	BASE	14.75	35.95	37.50	0	2.22	0.00	2.8326	0.0000
5YR24HR	Post 800	BASE	15.00	35.95	37.50	0	2.07	0.00	2.8770	0.0000
5YR24HR	Post 800	BASE	15.25	35.94	37.50	0	1.96	0.00	2.9186	0.0000
5YR24HR	Post 800	BASE	15.50	35.94	37.50	0	1.89	0.00	2.9583	0.0000
5YR24HR	Post 800	BASE	15.75	35.94	37.50	0	1.76	0.00	2.9960	0.0000
5YR24HR	Post 800	BASE	16.00	35.94	37.50	0	1.67	0.00	3.0314	0.0000
5YR24HR	Post 800	BASE	16.25	35.93	37.50	0	1.58	0.00	3.0650	0.0000
5YR24HR	Post 800	BASE	16.50	35.93	37.50	0	1.52	0.00	3.0970	0.0000
5YR24HR	Post 800	BASE	16.75	35.93	37.50	0	1.45	0.00	3.1277	0.0000
5YR24HR	Post 800	BASE	17.00	35.93	37.50	0	1.40	0.00	3.1571	0.0000
5YR24HR	Post 800	BASE	17.25	35.93	37.50	0	1.38	0.00	3.1857	0.0000
5YR24HR	Post 800	BASE	17.50	35.92	37.50	0	1.36	0.00	3.2140	0.0000
5YR24HR	Post 800	BASE	17.75	35.92	37.50	0	1.26	0.00	3.2411	0.0000
5YR24HR	Post 800	BASE	18.00	35.92	37.50	0	1.18	0.00	3.2663	0.0000
5YR24HR	Post 800	BASE	18.25	35.92	37.50	0	1.20	0.00	3.2909	0.0000
5YR24HR	Post 800	BASE	18.50	35.92	37.50	0	1.22	0.00	3.3159	0.0000
5YR24HR	Post 800	BASE	18.75	35.91	37.50	0	1.12	0.00	3.3400	0.0000
5YR24HR	Post 800	BASE	19.00	35.91	37.50	0	1.06	0.00	3.3625	0.0000
5YR24HR	Post 800	BASE	19.25	35.91	37.50	0	1.08	0.00	3.3846	0.0000
5YR24HR	Post 800	BASE	19.50	35.91	37.50	0	1.10	0.00	3.4070	0.0000
5YR24HR	Post 800	BASE	19.75	35.91	37.50	0	1.05	0.00	3.4292	0.0000
5YR24HR	Post 800	BASE	20.00	35.90	37.50	0	1.02	0.00	3.4507	0.0000

Post Node Time Series

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
5YR24HR	Post 800	BASE	20.25	35.90	37.50	0	0.96	0.00	3.4712	0.0000
5YR24HR	Post 800	BASE	20.50	35.90	37.50	0	0.91	0.00	3.4905	0.0000
5YR24HR	Post 800	BASE	20.75	35.90	37.50	0	0.89	0.00	3.5092	0.0000
5YR24HR	Post 800	BASE	21.00	35.89	37.50	0	0.88	0.00	3.5275	0.0000
5YR24HR	Post 800	BASE	21.25	35.89	37.50	0	0.87	0.00	3.5456	0.0000
5YR24HR	Post 800	BASE	21.50	35.89	37.50	0	0.87	0.00	3.5636	0.0000
5YR24HR	Post 800	BASE	21.75	35.89	37.50	0	0.87	0.00	3.5817	0.0000
5YR24HR	Post 800	BASE	22.00	35.89	37.50	0	0.87	0.00	3.5998	0.0000
5YR24HR	Post 800	BASE	22.25	35.88	37.50	0	0.87	0.00	3.6178	0.0000
5YR24HR	Post 800	BASE	22.50	35.88	37.50	0	0.88	0.00	3.6359	0.0000
5YR24HR	Post 800	BASE	22.75	35.88	37.50	0	0.82	0.00	3.6535	0.0000
5YR24HR	Post 800	BASE	23.00	35.88	37.50	0	0.79	0.00	3.6701	0.0000
5YR24HR	Post 800	BASE	23.25	35.88	37.50	0	0.77	0.00	3.6862	0.0000
5YR24HR	Post 800	BASE	23.50	35.87	37.50	0	0.76	0.00	3.7020	0.0000
5YR24HR	Post 800	BASE	23.75	35.87	37.50	0	0.70	0.00	3.7170	0.0000
5YR24HR	Post 800	BASE	24.00	35.87	37.50	0	0.66	0.00	3.7311	0.0000
5YR24HR	Post 800	BASE	24.00	35.87	37.50	0	0.66	0.00	3.7311	0.0000
Mean Annual	1100	BASE	0.00	33.47	35.43	710423	-49.73	0.57	0.0000	0.0000
Mean Annual	1100	BASE	0.25	33.46	35.43	709869	3.34	0.55	-0.4793	0.0116
Mean Annual	1100	BASE	0.50	33.46	35.43	709840	3.39	0.55	-0.4098	0.0229
Mean Annual	1100	BASE	0.75	33.46	35.43	709813	3.42	0.54	-0.3395	0.0342
Mean Annual	1100	BASE	1.00	33.46	35.43	709788	3.43	0.54	-0.2689	0.0454
Mean Annual	1100	BASE	1.25	33.46	35.43	709763	3.43	0.54	-0.1980	0.0566
Mean Annual	1100	BASE	1.50	33.46	35.43	709739	3.43	0.54	-0.1271	0.0678
Mean Annual	1100	BASE	1.75	33.46	35.43	709714	3.43	0.54	-0.0562	0.0788
Mean Annual	1100	BASE	2.00	33.46	35.43	709690	3.44	0.53	0.0148	0.0899
Mean Annual	1100	BASE	2.25	33.46	35.43	709667	3.46	0.53	0.0861	0.1009
Mean Annual	1100	BASE	2.50	33.46	35.43	709646	3.52	0.53	0.1582	0.1118
Mean Annual	1100	BASE	2.75	33.46	35.43	709636	3.92	0.53	0.2350	0.1227
Mean Annual	1100	BASE	3.00	33.46	35.43	709663	4.31	0.53	0.3199	0.1336
Mean Annual	1100	BASE	3.25	33.46	35.43	709740	2.47	0.54	0.3899	0.1447
Mean Annual	1100	BASE	3.50	33.47	35.43	709879	3.69	0.55	0.4536	0.1559
Mean Annual	1100	BASE	3.75	33.47	35.43	710089	5.06	0.57	0.5440	0.1675
Mean Annual	1100	BASE	4.00	33.48	35.43	710573	6.57	0.63	0.6642	0.1799
Mean Annual	1100	BASE	4.25	33.48	35.43	711203	8.23	0.73	0.8170	0.1939
Mean Annual	1100	BASE	4.50	33.50	35.43	711978	9.98	0.90	1.0051	0.2108
Mean Annual	1100	BASE	4.75	33.51	35.43	712903	11.84	1.14	1.2306	0.2318
Mean Annual	1100	BASE	5.00	33.52	35.43	713979	13.79	1.45	1.4954	0.2586
Mean Annual	1100	BASE	5.25	33.54	35.43	715208	15.86	1.86	1.8018	0.2929
Mean Annual	1100	BASE	5.50	33.56	35.43	716587	18.00	2.37	2.1516	0.3366
Mean Annual	1100	BASE	5.75	33.58	35.43	718113	20.22	3.00	2.5465	0.3921
Mean Annual	1100	BASE	6.00	33.60	35.43	719782	22.53	3.75	2.9881	0.4619
Mean Annual	1100	BASE	6.25	33.63	35.43	721592	25.00	4.64	3.4791	0.5485
Mean Annual	1100	BASE	6.50	33.65	35.43	723541	27.54	5.67	4.0218	0.6549
Mean Annual	1100	BASE	6.75	33.68	35.43	725617	30.11	6.84	4.6174	0.7842
Mean Annual	1100	BASE	7.00	33.71	35.43	727812	32.75	8.17	5.2668	0.9392
Mean Annual	1100	BASE	7.25	33.74	35.43	730120	35.55	9.65	5.9724	1.1232
Mean Annual	1100	BASE	7.50	33.77	35.43	732537	38.40	11.29	6.7363	1.3395
Mean Annual	1100	BASE	7.75	33.81	35.43	735049	41.27	13.08	7.5592	1.5912
Mean Annual	1100	BASE	8.00	33.84	35.43	737624	43.46	15.00	8.4345	1.8812
Mean Annual	1100	BASE	8.25	33.88	35.43	740178	45.12	16.99	9.3496	2.2118
Mean Annual	1100	BASE	8.50	33.91	35.43	742679	46.51	19.03	10.2963	2.5839
Mean Annual	1100	BASE	8.75	33.94	35.43	745112	47.87	21.07	11.2713	2.9981
Mean Annual	1100	BASE	9.00	33.97	35.43	747468	49.07	23.11	12.2728	3.4545
Mean Annual	1100	BASE	9.25	34.01	35.43	749743	50.20	25.07	13.2983	3.9522
Mean Annual	1100	BASE	9.50	34.03	35.43	751926	51.20	27.15	14.3458	4.4917
Mean Annual	1100	BASE	9.75	34.06	35.43	754020	52.36	29.06	15.4156	5.0724
Mean Annual	1100	BASE	10.00	34.09	35.43	756043	53.36	30.82	16.5078	5.6910
Mean Annual	1100	BASE	10.25	34.12	35.43	758013	54.66	32.43	17.6237	6.3445
Mean Annual	1100	BASE	10.50	34.14	35.43	759946	55.75	33.94	18.7644	7.0302
Mean Annual	1100	BASE	10.75	34.17	35.43	761858	57.26	35.41	19.9318	7.7467
Mean Annual	1100	BASE	11.00	34.19	35.43	763753	58.36	36.83	21.1262	8.4931
Mean Annual	1100	BASE	11.25	34.22	35.43	765610	59.26	38.14	22.3413	9.2676
Mean Annual	1100	BASE	11.50	34.25	35.43	767545	63.24	39.88	23.6069	10.0736
Mean Annual	1100	BASE	11.75	34.28	35.43	770322	83.06	42.44	25.1183	10.9240
Mean Annual	1100	BASE	12.00	34.35	35.43	775096	119.41	47.94	27.2101	11.8575
Mean Annual	1100	BASE	12.25	34.43	35.43	780967	121.77	57.45	29.7016	12.9462
Mean Annual	1100	BASE	12.50	34.49	35.43	784549	106.36	64.49	32.0582	14.2059
Mean Annual	1100	BASE	12.75	34.53	35.43	785359	92.37	69.13	34.1113	15.5863
Mean Annual	1100	BASE	13.00	34.54	35.43	785767	81.80	71.95	35.9106	17.0437
Mean Annual	1100	BASE	13.25	34.55	35.43	785900	74.64	73.54	37.5267	18.5467
Mean Annual	1100	BASE	13.50	34.55	35.43	785871	71.16	74.34	39.0329	20.0744
Mean Annual	1100	BASE	13.75	34.54	35.43	785744	67.79	74.14	40.4684	21.6083
Mean Annual	1100	BASE	14.00	34.54	35.43	785592	65.36	72.07	41.8439	23.1187
Mean Annual	1100	BASE	14.25	34.53	35.43	785397	63.31	72.12	43.1732	24.6083
Mean Annual	1100	BASE	14.50	34.52	35.43	785159	61.62	71.84	44.4638	26.0956
Mean Annual	1100	BASE	14.75	34.50	35.43	784888	59.85	71.27	45.7186	27.5740
Mean Annual	1100	BASE	15.00	34.49	35.43	784592	58.30	70.56	46.9391	29.0392
Mean Annual	1100	BASE	15.25	34.48	35.43	784281	56.84	68.49	48.1285	30.4757
Mean Annual	1100	BASE	15.50	34.46	35.43	783596	55.45	67.35	49.2885	31.8790
Mean Annual	1100	BASE	15.75	34.45	35.43	782568	53.95	66.24	50.4186	33.2591
Mean Annual	1100	BASE	16.00	34.43	35.43	781506	52.52	65.15	51.5185	34.6164
Mean Annual	1100	BASE	16.25	34.42	35.43	780415	51.07	64.02	52.5887	35.9508
Mean Annual	1100	BASE	16.50	34.40	35.43	779297	49.65	62.85	53.6293	37.2615
Mean Annual	1100	BASE	16.75	34.39	35.43	778154	48.13	61.65	54.6394	38.5476

Post Node Time Series

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
Mean Annual	1100	BASE	17.00	34.37	35.43	776984	46.60	60.38	55.6180	39.8082
Mean Annual	1100	BASE	17.25	34.36	35.43	775790	45.06	59.08	56.5648	41.0424
Mean Annual	1100	BASE	17.50	34.34	35.43	774574	43.46	57.73	57.4792	42.2492
Mean Annual	1100	BASE	17.75	34.32	35.43	773327	41.54	56.24	58.3573	43.4266
Mean Annual	1100	BASE	18.00	34.31	35.43	772043	39.57	54.63	59.1951	44.5719
Mean Annual	1100	BASE	18.25	34.29	35.43	770736	37.70	52.88	59.9933	45.6826
Mean Annual	1100	BASE	18.50	34.27	35.43	769414	35.72	51.11	60.7518	46.7569
Mean Annual	1100	BASE	18.75	34.25	35.43	768056	33.31	49.24	61.4649	47.7936
Mean Annual	1100	BASE	19.00	34.23	35.43	766648	30.67	47.20	62.1259	48.7898
Mean Annual	1100	BASE	19.25	34.21	35.43	765174	27.64	45.06	62.7283	49.7429
Mean Annual	1100	BASE	19.50	34.19	35.43	763620	24.62	42.80	63.2683	50.6506
Mean Annual	1100	BASE	19.75	34.17	35.43	762000	21.59	40.47	63.7457	51.5109
Mean Annual	1100	BASE	20.00	34.15	35.43	760322	18.72	38.13	64.1621	52.3229
Mean Annual	1100	BASE	20.25	34.12	35.43	758598	15.95	35.80	64.5202	53.0866
Mean Annual	1100	BASE	20.50	34.10	35.43	756840	13.40	33.50	64.8234	53.8025
Mean Annual	1100	BASE	20.75	34.08	35.43	755064	11.11	31.26	65.0766	54.4716
Mean Annual	1100	BASE	21.00	34.05	35.43	753286	9.05	29.12	65.2848	55.0954
Mean Annual	1100	BASE	21.25	34.03	35.43	751516	7.24	27.12	65.4530	55.6764
Mean Annual	1100	BASE	21.50	34.01	35.43	749763	5.70	25.28	65.5867	56.2177
Mean Annual	1100	BASE	21.75	33.98	35.43	748035	1.35	23.70	65.6595	56.7237
Mean Annual	1100	BASE	22.00	33.96	35.43	746348	0.37	22.20	65.6773	57.1979
Mean Annual	1100	BASE	22.25	33.94	35.43	744750	0.26	20.82	65.6838	57.6424
Mean Annual	1100	BASE	22.50	33.92	35.43	743261	0.21	19.55	65.6886	58.0594
Mean Annual	1100	BASE	22.75	33.90	35.43	741870	0.05	18.40	65.6914	58.4514
Mean Annual	1100	BASE	23.00	33.88	35.43	740562	-0.08	17.33	65.6911	58.8205
Mean Annual	1100	BASE	23.25	33.86	35.43	739334	-0.17	16.35	65.6884	59.1684
Mean Annual	1100	BASE	23.50	33.85	35.43	738181	-0.25	15.45	65.6841	59.4968
Mean Annual	1100	BASE	23.75	33.83	35.43	737095	-0.42	14.61	65.6773	59.8074
Mean Annual	1100	BASE	24.00	33.82	35.43	736065	-0.56	13.83	65.6672	60.1012
Mean Annual	1100	BASE	24.00	33.82	35.43	736065	-0.56	13.83	65.6672	60.1014
Mean Annual	1600	BASE	0.00	32.91	35.03	0	-12.70	0.00	0.0000	0.0000
Mean Annual	1600	BASE	0.25	32.93	35.03	0	-9.66	0.00	-0.2310	0.0000
Mean Annual	1600	BASE	0.50	32.95	35.03	0	-1.86	0.00	-0.3500	0.0000
Mean Annual	1600	BASE	0.75	32.97	35.03	0	-0.64	0.00	-0.3758	0.0000
Mean Annual	1600	BASE	1.00	32.99	35.03	0	-0.63	0.00	-0.3889	0.0000
Mean Annual	1600	BASE	1.25	33.01	35.03	0	-0.63	0.00	-0.4019	0.0000
Mean Annual	1600	BASE	1.50	33.03	35.03	0	-0.63	0.00	-0.4148	0.0000
Mean Annual	1600	BASE	1.75	33.05	35.03	0	-0.63	0.00	-0.4279	0.0000
Mean Annual	1600	BASE	2.00	33.06	35.03	0	-0.63	0.00	-0.4409	0.0000
Mean Annual	1600	BASE	2.25	33.08	35.03	0	-0.63	0.00	-0.4540	0.0000
Mean Annual	1600	BASE	2.50	33.10	35.03	0	-0.64	0.00	-0.4672	0.0000
Mean Annual	1600	BASE	2.75	33.12	35.03	0	-0.64	0.00	-0.4803	0.0000
Mean Annual	1600	BASE	3.00	33.14	35.03	0	-0.64	0.00	-0.4935	0.0000
Mean Annual	1600	BASE	3.25	33.16	35.03	0	-0.64	0.00	-0.5067	0.0000
Mean Annual	1600	BASE	3.50	33.18	35.03	0	-0.64	0.00	-0.5200	0.0000
Mean Annual	1600	BASE	3.75	33.20	35.03	0	-0.64	0.00	-0.5332	0.0000
Mean Annual	1600	BASE	4.00	33.22	35.03	0	-0.63	0.00	-0.5464	0.0000
Mean Annual	1600	BASE	4.25	33.24	35.03	0	-0.62	0.00	-0.5593	0.0000
Mean Annual	1600	BASE	4.50	33.26	35.03	0	-0.61	0.00	-0.5720	0.0000
Mean Annual	1600	BASE	4.75	33.28	35.03	0	-0.59	0.00	-0.5844	0.0000
Mean Annual	1600	BASE	5.00	33.30	35.03	0	-0.57	0.00	-0.5964	0.0000
Mean Annual	1600	BASE	5.25	33.32	35.03	0	-0.54	0.00	-0.6078	0.0000
Mean Annual	1600	BASE	5.50	33.34	35.03	0	-0.50	0.00	-0.6186	0.0000
Mean Annual	1600	BASE	5.75	33.35	35.03	0	-0.46	0.00	-0.6285	0.0000
Mean Annual	1600	BASE	6.00	33.37	35.03	0	-0.42	0.00	-0.6376	0.0000
Mean Annual	1600	BASE	6.25	33.39	35.03	0	-0.35	0.00	-0.6456	0.0000
Mean Annual	1600	BASE	6.50	33.41	35.03	0	-0.28	0.00	-0.6521	0.0000
Mean Annual	1600	BASE	6.75	33.43	35.03	0	-0.21	0.00	-0.6572	0.0000
Mean Annual	1600	BASE	7.00	33.45	35.03	0	-0.13	0.00	-0.6606	0.0000
Mean Annual	1600	BASE	7.25	33.47	35.03	0	-0.03	0.00	-0.6622	0.0000
Mean Annual	1600	BASE	7.50	33.49	35.03	0	0.08	0.00	-0.6617	0.0000
Mean Annual	1600	BASE	7.75	33.51	35.03	0	0.19	0.00	-0.6589	0.0000
Mean Annual	1600	BASE	8.00	33.53	35.03	0	0.30	0.00	-0.6539	0.0000
Mean Annual	1600	BASE	8.25	33.55	35.03	0	0.42	0.00	-0.6465	0.0000
Mean Annual	1600	BASE	8.50	33.57	35.03	0	0.55	0.00	-0.6365	0.0000
Mean Annual	1600	BASE	8.75	33.59	35.03	0	0.69	0.00	-0.6237	0.0000
Mean Annual	1600	BASE	9.00	33.61	35.03	0	0.83	0.00	-0.6080	0.0000
Mean Annual	1600	BASE	9.25	33.63	35.03	0	0.97	0.00	-0.5895	0.0000
Mean Annual	1600	BASE	9.50	33.64	35.03	0	1.35	0.00	-0.5655	0.0000
Mean Annual	1600	BASE	9.75	33.66	35.03	0	1.95	0.00	-0.5313	0.0000
Mean Annual	1600	BASE	10.00	33.68	35.03	0	2.65	0.00	-0.4838	0.0000
Mean Annual	1600	BASE	10.25	33.70	35.03	0	3.39	0.00	-0.4215	0.0000
Mean Annual	1600	BASE	10.50	33.72	35.03	0	4.14	0.00	-0.3437	0.0000
Mean Annual	1600	BASE	10.75	33.74	35.03	0	4.99	0.00	-0.2494	0.0000
Mean Annual	1600	BASE	11.00	33.76	35.03	0	5.89	0.00	-0.1370	0.0000
Mean Annual	1600	BASE	11.25	33.78	35.03	0	6.79	0.00	-0.0060	0.0000
Mean Annual	1600	BASE	11.50	33.80	35.03	0	8.53	0.00	0.1522	0.0000
Mean Annual	1600	BASE	11.75	33.82	35.03	0	12.76	0.00	0.3722	0.0000
Mean Annual	1600	BASE	12.00	33.84	35.03	0	20.50	0.00	0.7158	0.0000
Mean Annual	1600	BASE	12.25	33.86	35.03	0	24.87	0.00	1.1844	0.0000
Mean Annual	1600	BASE	12.50	33.88	35.03	0	24.58	0.00	1.6952	0.0000
Mean Annual	1600	BASE	12.75	33.90	35.03	0	22.91	0.00	2.1858	0.0000
Mean Annual	1600	BASE	13.00	33.88	35.03	0	22.66	0.00	2.6565	0.0000
Mean Annual	1600	BASE	13.25	33.86	35.03	0	21.40	0.00	3.1116	0.0000
Mean Annual	1600	BASE	13.50	33.84	35.03	0	20.48	0.00	3.5442	0.0000

Post Node Time Series

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
Mean Annual	1600	BASE	13.75	33.82	35.03	0	19.80	0.00	3.9603	0.0000
Mean Annual	1600	BASE	14.00	33.79	35.03	0	16.73	0.00	4.3376	0.0000
Mean Annual	1600	BASE	14.25	33.77	35.03	0	16.29	0.00	4.6788	0.0000
Mean Annual	1600	BASE	14.50	33.75	35.03	0	15.98	0.00	5.0121	0.0000
Mean Annual	1600	BASE	14.75	33.73	35.03	0	15.64	0.00	5.3387	0.0000
Mean Annual	1600	BASE	15.00	33.71	35.03	0	15.29	0.00	5.6582	0.0000
Mean Annual	1600	BASE	15.25	33.68	35.03	0	14.95	0.00	5.9706	0.0000
Mean Annual	1600	BASE	15.50	33.66	35.03	0	14.64	0.00	6.2763	0.0000
Mean Annual	1600	BASE	15.75	33.64	35.03	0	14.32	0.00	6.5755	0.0000
Mean Annual	1600	BASE	16.00	33.62	35.03	0	14.01	0.00	6.8683	0.0000
Mean Annual	1600	BASE	16.25	33.60	35.03	0	13.70	0.00	7.1546	0.0000
Mean Annual	1600	BASE	16.50	33.57	35.03	0	13.39	0.00	7.4346	0.0000
Mean Annual	1600	BASE	16.75	33.55	35.03	0	13.07	0.00	7.7079	0.0000
Mean Annual	1600	BASE	17.00	33.53	35.03	0	12.71	0.00	7.9742	0.0000
Mean Annual	1600	BASE	17.25	33.51	35.03	0	12.35	0.00	8.2331	0.0000
Mean Annual	1600	BASE	17.50	33.48	35.03	0	11.97	0.00	8.4843	0.0000
Mean Annual	1600	BASE	17.75	33.46	35.03	0	11.53	0.00	8.7270	0.0000
Mean Annual	1600	BASE	18.00	33.44	35.03	0	11.02	0.00	8.9599	0.0000
Mean Annual	1600	BASE	18.25	33.42	35.03	0	10.42	0.00	9.1814	0.0000
Mean Annual	1600	BASE	18.50	33.40	35.03	0	9.81	0.00	9.3904	0.0000
Mean Annual	1600	BASE	18.75	33.37	35.03	0	9.16	0.00	9.5864	0.0000
Mean Annual	1600	BASE	19.00	33.35	35.03	0	8.51	0.00	9.7690	0.0000
Mean Annual	1600	BASE	19.25	33.33	35.03	0	7.86	0.00	9.9381	0.0000
Mean Annual	1600	BASE	19.50	33.31	35.03	0	7.17	0.00	10.0933	0.0000
Mean Annual	1600	BASE	19.75	33.29	35.03	0	6.44	0.00	10.2338	0.0000
Mean Annual	1600	BASE	20.00	33.26	35.03	0	5.72	0.00	10.3594	0.0000
Mean Annual	1600	BASE	20.25	33.24	35.03	0	5.02	0.00	10.4703	0.0000
Mean Annual	1600	BASE	20.50	33.22	35.03	0	4.35	0.00	10.5671	0.0000
Mean Annual	1600	BASE	20.75	33.20	35.03	0	3.74	0.00	10.6507	0.0000
Mean Annual	1600	BASE	21.00	33.18	35.03	0	3.20	0.00	10.7224	0.0000
Mean Annual	1600	BASE	21.25	33.15	35.03	0	2.75	0.00	10.7839	0.0000
Mean Annual	1600	BASE	21.50	33.13	35.03	0	2.43	0.00	10.8374	0.0000
Mean Annual	1600	BASE	21.75	33.11	35.03	0	2.29	0.00	10.8862	0.0000
Mean Annual	1600	BASE	22.00	33.09	35.03	0	2.21	0.00	10.9327	0.0000
Mean Annual	1600	BASE	22.25	33.06	35.03	0	2.14	0.00	10.9776	0.0000
Mean Annual	1600	BASE	22.50	33.04	35.03	0	2.07	0.00	11.0211	0.0000
Mean Annual	1600	BASE	22.75	33.02	35.03	0	1.99	0.00	11.0630	0.0000
Mean Annual	1600	BASE	23.00	33.00	35.03	0	1.92	0.00	11.1034	0.0000
Mean Annual	1600	BASE	23.25	32.98	35.03	0	1.85	0.00	11.1423	0.0000
Mean Annual	1600	BASE	23.50	32.95	35.03	0	1.80	0.00	11.1800	0.0000
Mean Annual	1600	BASE	23.75	32.93	35.03	0	1.73	0.00	11.2164	0.0000
Mean Annual	1600	BASE	24.00	32.91	35.03	0	1.67	0.00	11.2515	0.0000
Mean Annual	1600	BASE	24.00	32.91	35.03	0	1.67	0.00	11.2515	0.0000
Mean Annual	900A	BASE	0.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	0.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	0.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	0.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	1.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	1.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	1.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	1.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	2.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	2.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	2.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	2.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	3.00	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	3.25	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	3.50	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	3.75	34.90	36.50	6348	0.00	0.00	0.0000	0.0000
Mean Annual	900A	BASE	4.00	34.90	36.50	6349	0.00	0.00	0.0001	0.0000
Mean Annual	900A	BASE	4.25	34.90	36.50	6351	0.01	0.00	0.0002	0.0000
Mean Annual	900A	BASE	4.50	34.90	36.50	6353	0.01	0.00	0.0004	0.0000
Mean Annual	900A	BASE	4.75	34.90	36.50	6356	0.02	0.00	0.0007	0.0001
Mean Annual	900A	BASE	5.00	34.91	36.50	6360	0.02	0.01	0.0011	0.0002
Mean Annual	900A	BASE	5.25	34.91	36.50	6365	0.03	0.01	0.0016	0.0003
Mean Annual	900A	BASE	5.50	34.91	36.50	6370	0.03	0.01	0.0022	0.0005
Mean Annual	900A	BASE	5.75	34.91	36.50	6374	0.03	0.02	0.0029	0.0008
Mean Annual	900A	BASE	6.00	34.92	36.50	6379	0.04	0.01	0.0036	0.0011
Mean Annual	900A	BASE	6.25	34.93	36.50	6397	0.05	-0.07	0.0045	0.0006
Mean Annual	900A	BASE	6.50	34.95	36.50	6437	0.05	-0.14	0.0055	-0.0016
Mean Annual	900A	BASE	6.75	34.98	36.50	6497	0.06	-0.21	0.0067	-0.0052
Mean Annual	900A	BASE	7.00	35.02	36.50	6568	0.06	-0.22	0.0079	-0.0097
Mean Annual	900A	BASE	7.25	35.06	36.50	6636	0.07	-0.19	0.0093	-0.0139
Mean Annual	900A	BASE	7.50	35.09	36.50	6698	0.08	-0.16	0.0108	-0.0176
Mean Annual	900A	BASE	7.75	35.12	36.50	6757	0.08	-0.15	0.0125	-0.0208
Mean Annual	900A	BASE	8.00	35.15	36.50	6815	0.09	-0.15	0.0143	-0.0240
Mean Annual	900A	BASE	8.25	35.19	36.50	6873	0.10	-0.14	0.0163	-0.0269
Mean Annual	900A	BASE	8.50	35.22	36.50	6931	0.11	-0.13	0.0185	-0.0297
Mean Annual	900A	BASE	8.75	35.25	36.50	6988	0.13	-0.12	0.0210	-0.0323
Mean Annual	900A	BASE	9.00	35.28	36.50	7046	0.14	-0.11	0.0237	-0.0346
Mean Annual	900A	BASE	9.25	35.31	36.50	7103	0.15	-0.10	0.0267	-0.0368
Mean Annual	900A	BASE	9.50	35.34	36.50	7161	0.16	-0.09	0.0299	-0.0387
Mean Annual	900A	BASE	9.75	35.37	36.50	7218	0.18	-0.07	0.0334	-0.0403
Mean Annual	900A	BASE	10.00	35.41	36.50	7276	0.20	-0.06	0.0373	-0.0416
Mean Annual	900A	BASE	10.25	35.44	36.50	7334	0.23	-0.03	0.0418	-0.0424

Post Node Time Series

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
Mean Annual	900A	BASE	10.50	35.47	36.50	7392	0.26	0.00	0.0469	-0.0427
Mean Annual	900A	BASE	10.75	35.50	36.50	7450	0.31	0.05	0.0527	-0.0422
Mean Annual	900A	BASE	11.00	35.53	36.50	7513	0.35	0.09	0.0596	-0.0409
Mean Annual	900A	BASE	11.25	35.56	36.50	7574	0.39	0.12	0.0672	-0.0387
Mean Annual	900A	BASE	11.50	35.60	36.50	7642	0.58	0.29	0.0772	-0.0345
Mean Annual	900A	BASE	11.75	35.65	36.50	7741	1.65	1.17	0.1002	-0.0195
Mean Annual	900A	BASE	12.00	35.72	36.50	7888	3.42	2.68	0.1526	0.0202
Mean Annual	900A	BASE	12.25	35.76	36.50	7966	3.22	3.02	0.2212	0.0790
Mean Annual	900A	BASE	12.50	35.77	36.50	7975	2.28	2.27	0.2779	0.1336
Mean Annual	900A	BASE	12.75	35.78	36.50	7991	1.56	1.45	0.3175	0.1720
Mean Annual	900A	BASE	13.00	35.79	36.50	8026	1.05	0.87	0.3444	0.1959
Mean Annual	900A	BASE	13.25	35.82	36.50	8071	0.70	0.48	0.3624	0.2099
Mean Annual	900A	BASE	13.50	35.84	36.50	8124	0.52	0.27	0.3750	0.2177
Mean Annual	900A	BASE	13.75	35.81	36.50	8066	0.43	0.80	0.3848	0.2287
Mean Annual	900A	BASE	14.00	35.77	36.50	7987	0.38	0.74	0.3932	0.2445
Mean Annual	900A	BASE	14.25	35.73	36.50	7908	0.34	0.70	0.4006	0.2593
Mean Annual	900A	BASE	14.50	35.69	36.50	7829	0.32	0.67	0.4075	0.2734
Mean Annual	900A	BASE	14.75	35.65	36.50	7751	0.29	0.63	0.4137	0.2868
Mean Annual	900A	BASE	15.00	35.61	36.50	7673	0.27	0.61	0.4195	0.2997
Mean Annual	900A	BASE	15.25	35.57	36.50	7595	0.25	0.59	0.4249	0.3121
Mean Annual	900A	BASE	15.50	35.53	36.50	7517	0.25	0.58	0.4301	0.3241
Mean Annual	900A	BASE	15.75	35.50	36.50	7440	0.23	0.56	0.4350	0.3358
Mean Annual	900A	BASE	16.00	35.46	36.50	7367	0.22	0.54	0.4395	0.3471
Mean Annual	900A	BASE	16.25	35.42	36.50	7295	0.20	0.52	0.4439	0.3581
Mean Annual	900A	BASE	16.50	35.38	36.50	7223	0.20	0.51	0.4480	0.3688
Mean Annual	900A	BASE	16.75	35.34	36.50	7151	0.19	0.50	0.4520	0.3793
Mean Annual	900A	BASE	17.00	35.30	36.50	7079	0.18	0.49	0.4558	0.3895
Mean Annual	900A	BASE	17.25	35.26	36.50	7008	0.18	0.48	0.4595	0.3994
Mean Annual	900A	BASE	17.50	35.22	36.50	6937	0.18	0.47	0.4632	0.4093
Mean Annual	900A	BASE	17.75	35.18	36.50	6867	0.16	0.45	0.4667	0.4188
Mean Annual	900A	BASE	18.00	35.15	36.50	6798	0.15	0.43	0.4699	0.4280
Mean Annual	900A	BASE	18.25	35.11	36.50	6731	0.15	0.42	0.4731	0.4368
Mean Annual	900A	BASE	18.50	35.08	36.50	6669	0.16	0.40	0.4763	0.4452
Mean Annual	900A	BASE	18.75	35.04	36.50	6613	0.14	0.36	0.4794	0.4530
Mean Annual	900A	BASE	19.00	35.02	36.50	6564	0.14	0.31	0.4823	0.4599
Mean Annual	900A	BASE	19.25	35.00	36.50	6525	0.14	0.27	0.4852	0.4659
Mean Annual	900A	BASE	19.50	34.98	36.50	6498	0.14	0.22	0.4881	0.4710
Mean Annual	900A	BASE	19.75	34.97	36.50	6481	0.14	0.19	0.4909	0.4753
Mean Annual	900A	BASE	20.00	34.97	36.50	6471	0.13	0.17	0.4937	0.4789
Mean Annual	900A	BASE	20.25	34.96	36.50	6463	0.12	0.15	0.4963	0.4822
Mean Annual	900A	BASE	20.50	34.96	36.50	6457	0.12	0.14	0.4988	0.4851
Mean Annual	900A	BASE	20.75	34.96	36.50	6452	0.11	0.13	0.5012	0.4879
Mean Annual	900A	BASE	21.00	34.95	36.50	6449	0.11	0.12	0.5036	0.4905
Mean Annual	900A	BASE	21.25	34.95	36.50	6447	0.11	0.12	0.5059	0.4930
Mean Annual	900A	BASE	21.50	34.95	36.50	6445	0.11	0.12	0.5082	0.4955
Mean Annual	900A	BASE	21.75	34.95	36.50	6444	0.11	0.12	0.5105	0.4979
Mean Annual	900A	BASE	22.00	34.95	36.50	6444	0.11	0.11	0.5129	0.5002
Mean Annual	900A	BASE	22.25	34.95	36.50	6443	0.11	0.11	0.5152	0.5026
Mean Annual	900A	BASE	22.50	34.95	36.50	6443	0.11	0.11	0.5175	0.5049
Mean Annual	900A	BASE	22.75	34.95	36.50	6442	0.11	0.11	0.5198	0.5073
Mean Annual	900A	BASE	23.00	34.95	36.50	6441	0.10	0.11	0.5219	0.5095
Mean Annual	900A	BASE	23.25	34.95	36.50	6439	0.10	0.11	0.5239	0.5117
Mean Annual	900A	BASE	23.50	34.95	36.50	6437	0.10	0.10	0.5260	0.5139
Mean Annual	900A	BASE	23.75	34.95	36.50	6435	0.09	0.10	0.5279	0.5160
Mean Annual	900A	BASE	24.00	34.95	36.50	6433	0.08	0.09	0.5297	0.5180
Mean Annual	900A	BASE	24.00	34.95	36.50	6433	0.08	0.09	0.5297	0.5180
Mean Annual	Post 800	BASE	0.00	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	0.25	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	0.50	35.87	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	0.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	1.00	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	1.25	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	1.50	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	1.75	35.88	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	2.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	2.25	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	2.50	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	2.75	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	3.00	35.89	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	3.25	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	3.50	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	3.75	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	4.00	35.90	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	4.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	4.50	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	4.75	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	5.00	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	5.25	35.91	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	5.50	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	5.75	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	6.00	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	6.25	35.92	37.50	0	0.00	0.00	0.0000	0.0000
Mean Annual	Post 800	BASE	6.50	35.92	37.50	0	0.01	0.00	0.0001	0.0000
Mean Annual	Post 800	BASE	6.75	35.93	37.50	0	0.02	0.00	0.0003	0.0000
Mean Annual	Post 800	BASE	7.00	35.93	37.50	0	0.04	0.00	0.0010	0.0000

Post Node Time Series

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
Mean Annual	Post 800	BASE	7.25	35.93	37.50	0	0.07	0.00	0.0021	0.0000
Mean Annual	Post 800	BASE	7.50	35.93	37.50	0	0.10	0.00	0.0038	0.0000
Mean Annual	Post 800	BASE	7.75	35.93	37.50	0	0.12	0.00	0.0060	0.0000
Mean Annual	Post 800	BASE	8.00	35.94	37.50	0	0.15	0.00	0.0089	0.0000
Mean Annual	Post 800	BASE	8.25	35.94	37.50	0	0.19	0.00	0.0125	0.0000
Mean Annual	Post 800	BASE	8.50	35.94	37.50	0	0.23	0.00	0.0169	0.0000
Mean Annual	Post 800	BASE	8.75	35.94	37.50	0	0.29	0.00	0.0223	0.0000
Mean Annual	Post 800	BASE	9.00	35.95	37.50	0	0.34	0.00	0.0288	0.0000
Mean Annual	Post 800	BASE	9.25	35.95	37.50	0	0.40	0.00	0.0364	0.0000
Mean Annual	Post 800	BASE	9.50	35.95	37.50	0	0.45	0.00	0.0452	0.0000
Mean Annual	Post 800	BASE	9.75	35.95	37.50	0	0.54	0.00	0.0554	0.0000
Mean Annual	Post 800	BASE	10.00	35.95	37.50	0	0.61	0.00	0.0672	0.0000
Mean Annual	Post 800	BASE	10.25	35.96	37.50	0	0.75	0.00	0.0813	0.0000
Mean Annual	Post 800	BASE	10.50	35.96	37.50	0	0.88	0.00	0.0982	0.0000
Mean Annual	Post 800	BASE	10.75	35.96	37.50	0	1.10	0.00	0.1187	0.0000
Mean Annual	Post 800	BASE	11.00	35.96	37.50	0	1.29	0.00	0.1434	0.0000
Mean Annual	Post 800	BASE	11.25	35.96	37.50	0	1.48	0.00	0.1721	0.0000
Mean Annual	Post 800	BASE	11.50	35.97	37.50	0	2.35	0.00	0.2117	0.0000
Mean Annual	Post 800	BASE	11.75	35.97	37.50	0	7.29	0.00	0.3112	0.0000
Mean Annual	Post 800	BASE	12.00	35.97	37.50	0	16.70	0.00	0.5590	0.0000
Mean Annual	Post 800	BASE	12.25	35.97	37.50	0	16.46	0.00	0.9016	0.0000
Mean Annual	Post 800	BASE	12.50	35.97	37.50	0	11.87	0.00	1.1943	0.0000
Mean Annual	Post 800	BASE	12.75	35.96	37.50	0	8.23	0.00	1.4019	0.0000
Mean Annual	Post 800	BASE	13.00	35.96	37.50	0	5.65	0.00	1.5453	0.0000
Mean Annual	Post 800	BASE	13.25	35.96	37.50	0	3.84	0.00	1.6433	0.0000
Mean Annual	Post 800	BASE	13.50	35.96	37.50	0	2.91	0.00	1.7131	0.0000
Mean Annual	Post 800	BASE	13.75	35.96	37.50	0	2.39	0.00	1.7678	0.0000
Mean Annual	Post 800	BASE	14.00	35.95	37.50	0	2.13	0.00	1.8145	0.0000
Mean Annual	Post 800	BASE	14.25	35.95	37.50	0	1.92	0.00	1.8564	0.0000
Mean Annual	Post 800	BASE	14.50	35.95	37.50	0	1.80	0.00	1.8949	0.0000
Mean Annual	Post 800	BASE	14.75	35.95	37.50	0	1.63	0.00	1.9303	0.0000
Mean Annual	Post 800	BASE	15.00	35.95	37.50	0	1.52	0.00	1.9629	0.0000
Mean Annual	Post 800	BASE	15.25	35.94	37.50	0	1.44	0.00	1.9936	0.0000
Mean Annual	Post 800	BASE	15.50	35.94	37.50	0	1.39	0.00	2.0229	0.0000
Mean Annual	Post 800	BASE	15.75	35.94	37.50	0	1.30	0.00	2.0506	0.0000
Mean Annual	Post 800	BASE	16.00	35.94	37.50	0	1.23	0.00	2.0767	0.0000
Mean Annual	Post 800	BASE	16.25	35.93	37.50	0	1.17	0.00	2.1015	0.0000
Mean Annual	Post 800	BASE	16.50	35.93	37.50	0	1.12	0.00	2.1252	0.0000
Mean Annual	Post 800	BASE	16.75	35.93	37.50	0	1.07	0.00	2.1478	0.0000
Mean Annual	Post 800	BASE	17.00	35.93	37.50	0	1.03	0.00	2.1695	0.0000
Mean Annual	Post 800	BASE	17.25	35.93	37.50	0	1.02	0.00	2.1907	0.0000
Mean Annual	Post 800	BASE	17.50	35.92	37.50	0	1.01	0.00	2.2116	0.0000
Mean Annual	Post 800	BASE	17.75	35.92	37.50	0	0.93	0.00	2.2317	0.0000
Mean Annual	Post 800	BASE	18.00	35.92	37.50	0	0.88	0.00	2.2503	0.0000
Mean Annual	Post 800	BASE	18.25	35.92	37.50	0	0.89	0.00	2.2686	0.0000
Mean Annual	Post 800	BASE	18.50	35.92	37.50	0	0.90	0.00	2.2871	0.0000
Mean Annual	Post 800	BASE	18.75	35.91	37.50	0	0.83	0.00	2.3050	0.0000
Mean Annual	Post 800	BASE	19.00	35.91	37.50	0	0.78	0.00	2.3217	0.0000
Mean Annual	Post 800	BASE	19.25	35.91	37.50	0	0.80	0.00	2.3380	0.0000
Mean Annual	Post 800	BASE	19.50	35.91	37.50	0	0.81	0.00	2.3546	0.0000
Mean Annual	Post 800	BASE	19.75	35.91	37.50	0	0.78	0.00	2.3711	0.0000
Mean Annual	Post 800	BASE	20.00	35.90	37.50	0	0.76	0.00	2.3870	0.0000
Mean Annual	Post 800	BASE	20.25	35.90	37.50	0	0.71	0.00	2.4023	0.0000
Mean Annual	Post 800	BASE	20.50	35.90	37.50	0	0.68	0.00	2.4166	0.0000
Mean Annual	Post 800	BASE	20.75	35.90	37.50	0	0.66	0.00	2.4305	0.0000
Mean Annual	Post 800	BASE	21.00	35.89	37.50	0	0.65	0.00	2.4441	0.0000
Mean Annual	Post 800	BASE	21.25	35.89	37.50	0	0.65	0.00	2.4575	0.0000
Mean Annual	Post 800	BASE	21.50	35.89	37.50	0	0.65	0.00	2.4709	0.0000
Mean Annual	Post 800	BASE	21.75	35.89	37.50	0	0.65	0.00	2.4844	0.0000
Mean Annual	Post 800	BASE	22.00	35.89	37.50	0	0.65	0.00	2.4978	0.0000
Mean Annual	Post 800	BASE	22.25	35.88	37.50	0	0.65	0.00	2.5112	0.0000
Mean Annual	Post 800	BASE	22.50	35.88	37.50	0	0.65	0.00	2.5247	0.0000
Mean Annual	Post 800	BASE	22.75	35.88	37.50	0	0.61	0.00	2.5377	0.0000
Mean Annual	Post 800	BASE	23.00	35.88	37.50	0	0.59	0.00	2.5501	0.0000
Mean Annual	Post 800	BASE	23.25	35.88	37.50	0	0.57	0.00	2.5621	0.0000
Mean Annual	Post 800	BASE	23.50	35.87	37.50	0	0.56	0.00	2.5738	0.0000
Mean Annual	Post 800	BASE	23.75	35.87	37.50	0	0.52	0.00	2.5851	0.0000
Mean Annual	Post 800	BASE	24.00	35.87	37.50	0	0.49	0.00	2.5955	0.0000
Mean Annual	Post 800	BASE	24.00	35.87	37.50	0	0.49	0.00	2.5955	0.0000

F. Pre and Post Development Basin Maps

G. Geotechnical Report

Refer to original Stormwater Report Dated August 13, 2015 for the Geotechnical Report