

DOWNTOWN SOUTH

RALEIGH, NORTH CAROLINA

DOWNSTREAM ANALYSIS

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Table of Contents

Introduction	1
Existing Conditions Analysis	2
Effective Model Calibration	3
Modeling Methodologies + Assumptions	4
Results Summary	6
Analysis 1	6
Analysis 2	7
Analysis 3	8
Existing Conditions Analysis - Conclusions.....	8
Proposed Conditions Analysis.....	9
Modeling Methodologies + Assumptions	9
Alternative 1: Without Detention.....	10
Modeling Methodologies + Assumptions	10
Alternative 2: Onsite Detention.....	10
Modeling Methodologies + Assumptions	10
Results Comparison	11
Hydrology.....	11
Hydraulics	12
Water Surface Elevations.....	12
Flow Velocities	16
Rainfall Fates.....	17
Conclusions	18

List of Appendices

- Appendix 1 – Pre-Development Hydrology: Existing Condition
- Appendix 2 – Post-Development Hydrology: Proposed Condition without Detention
- Appendix 3 – Post-Development Hydrology: Proposed Condition with Detention
- Appendix 4 – Results
 - Appendix 5.1 - Hydrographs
 - Appendix 5.2 - FlowMaster
 - Appendix 5.3 - HEC-RAS
- Appendix 5 – Supporting Reports

DOWNTOWN SOUTH

DOWNSTREAM ANALYSIS

INTRODUCTION

The Downtown South development will encompass several parcels located between Lake Wheeler Road and S. Wilmington Street, along the I-40 corridor. The Downtown South property is proposed to be a mixed-use development, combining lodging, retail, multi-family residential, recreation, and other uses. Downtown South is currently slated to have an overall impervious percentage of less than 95%. Both proprietary and green stormwater infrastructure (GSI) techniques will be implemented to improve the water quality of stormwater runoff in the post-development condition.

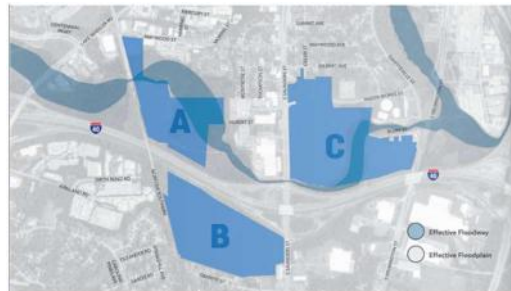
The following report will analyze and interpret the impacts of the proposed development within **Area C** of Downtown South on the downstream watershed. Area A and Area B were included in the modeling and analysis reflective of their current, existing (i.e., pre-development) condition. This report sets out to fill requirements set forth in the City of Raleigh rezoning case found at www.visitdowntownsouth.com and listed in an abbreviated form below.

12. Prior to filing the first Tier 3 Site Plan, a comprehensive stormwater analysis shall be conducted and made available to the public through the City of Raleigh Stormwater Department. Such analysis shall evaluate potential downstream impacts from proposed development on the subject property and include examination, results, and interpretation of the following information:
 - > Peak flows, water surface elevations and velocities on all ephemeral, intermittent and perennial streams flowing on or away from the subject property.
 - > 1-year/24 hour, 2-year/24 hour, 10-year/24 hour, 25-year/24 hour and 100-year/24 hour storm events.
 - > Hydrologic and hydraulic modeling (hydraulic modeling shall include flood hydrographs and examine the effects of culverts and backwater on the timing and duration of storm events and hydrologic modeling shall (i) include and ignore the dampening impacts (routing) of the Lake Raleigh and Lake Johnston impoundments; (ii) include an iteration which simulates a storm traveling west to east in general direction of the watershed; and (iii) include an iteration which stimulates different timing conditions of storms as they approach the subject property from three different directions.
 - > USGS gauge station and stage-storage data available on the USGS website, comparing and calibrating modeling data to evaluate the timing, duration and frequency of storm events and describing the potential effects of development on storm flows on a time series basis.
 - > Water surface elevations and peak discharges of Walnut Creek at S. Saunders Street, Walnut Creek at S. Wilmington Street, Walnut Creek at Garner Street, Walnut Creek at State Street, Walnut Creek at Rose Lane and an unnamed tributary at Bailey Drive.
 - > Water balance estimates of infiltration, runoff, and comparisons of the timing, duration, and frequency effects of flow on Walnut Creek.

If the foregoing comprehensive stormwater analysis shows an increase greater than 0.04 feet between predevelopment and post-development flood levels, then mitigation to pre-development flood conditions will be required to prevent further damage.

14. With the following exceptions, development on the subject property shall limit the post-development peak runoff rate to that of a fair forested condition for the standard design storms up to the 100-year recurrence interval. For development situated on the northeast quadrant of I-40 and S. Saunders Street and west of Walnut Creek, the post-development peak runoff rate shall be limited to that of a fair forested condition for the 1-year/24-hour storm only. For development situated on the northeast quadrant of I-40 and S. Saunders Street and east of Walnut Creek; the post-development peak runoff rate shall be reduced by 10% from existing conditions. This condition shall only be required where it provides improved performance from the City of Raleigh requirements at the time of plan review for each development. If a detailed analysis as described in condition 10 completed in connection with a Tier 3 site plan shows that detaining a design storm will cause an increase in downstream water, surface elevations or duration of flooding or a minimal decrease (0.04 feet), then that Tier 3 site plan shall be exempt from the applicable requirements in this condition.

EXISTING CONDITIONS ANALYSIS



The Preliminary HEC-HMS model for Walnut Creek, obtained from the North Carolina Floodplain Mapping Program, was utilized to develop a calibrated existing (i.e., pre-development) conditions model to be used in the Downstream Analyses, which will be completed in conjunction with the proposed Downtown South development. Downtown South is slated to be constructed in phases, separated as Areas A, B and C, as shown in the figure above. Currently, development is focused on Area C. Listed below are the steps that were taken to develop the calibrated existing condition HEC-HMS model:

- > Pre-development hydrology was completed for each of the project areas (A, B, and C) and was subsequently integrated into the Preliminary HEC-HMS model for Walnut Creek. Please refer to the existing conditions hydrology sheets in **Appendix 1** for more information.
- > For the pre-development hydrologic analysis, Area C was broken into two subbasins, Area C1 and Area C2. Area C1 represents the area onsite that drains to Walnut Creek as it enters the property, and it drains to **Junction J_WC_22** (located along Walnut Creek just downstream of S. Saunders Street) in the HEC-HMS

model. Area C2 comprises the majority of the Area C site, and it drains to Walnut Creek as it exits the property at **Junction J_WC_21** (Walnut Creek at S. Wilmington Street). Please refer to the existing conditions drainage area map in **Appendix 1** for more information.

- > Analyses 1-3, described in detail below, were executed to validate the calibrated existing conditions HEC-HMS model against observed USGS gage data.
 - Analysis 1 involved a basin-wide application of several historic storm events, and results were compared to specific USGS gage stations with associated peak flows recorded.
 - Analysis 2 looked specifically at the 8/20/2018 and 11/13/2018 storm events, which each resulted in record peak discharge values reported at the following USGS gage stations along Walnut Creek: Buck Jones Road, Trailwood Drive, S. Wilmington Street, and Sunnybrook Drive. The Theissen Polygon Method was utilized to geospatially apply rainfall for the 8/20/2018 and 11/13/2018 storm events across the Walnut Creek Basin.
 - Analysis 3 was completed by comparing the HEC-HMS calculated timing and magnitude of eight individual storm events against recorded USGS gage data, to further validate the existing conditions HEC-HMS model.

- > A synthetic summer thunderstorm was developed by synthesizing local rainfall data and applied across the Walnut Creek basin from west to east.

- > A synthetic hurricane event was developed by synthesizing local rainfall data collected during the following hurricanes: Matthew, Florence, Fran, and Floyd. Each of these hurricanes had a predominantly South-to-North trajectory across North Carolina. The Walnut Creek basin drains primarily from West to East; therefore, the synthetic hurricane event was applied uniformly across the basin since there is generally limited time variability in when rainfalls would hit different portions of the region. A report describing the means and methods of how the synthetic summer thunderstorm and hurricane events were prepared is included in **Appendix 5** of this report.

EFFECTIVE MODEL CALIBRATION

The following section documents the accuracy of the preliminary **Walnut Creek Watershed HEC-HMS model** in simulating peak flow rates for Walnut Creek, based on values reported for several United States Geological Survey (USGS) gage stations in vicinity of the proposed Downtown South project area. The Preliminary Walnut Creek Watershed HEC-HMS model was utilized as the basis of creating a calibrated existing conditions model, which is used for pre- to post-development comparisons in this downstream impact analysis. HEC-HMS, a modeling program by the Army Corps of Engineers, was used to compare the various hydrologic scenarios. The HEC-HMS model was obtained from the North Carolina Floodplain

Mapping program, and the analysis was performed using HEC-HMS Version 3.0.1, to maintain the versioning provided by the mapping program.

MODELING METHODOLOGIES + ASSUMPTIONS

- > Historic rainfall, discharge, and stage data was downloaded for the following USGS gage stations: **02087337** (Walnut Creek at Buck Jones Rd), **02087339** (Lake Johnson above dam), **0208734210** (Walnut Creek at Trailwood Drive), **0208735012** (Rocky Branch below Pullen Rd), **0208734795** (Walnut Creek at S. Wilmington St), **0208735460** (Walnut Creek at S. State St), and **02087359** (Walnut Creek at Sunnybrook Dr).
- > The time increment with which rainfall data is reported was noted for each USGS gage station. For gages **02087337** (Walnut Creek at Buck Jones Rd), **028734210** (Walnut Creek at Trailwood Drive), and **0208735012** (Rocky Branch below Pullen Rd) the increment of rainfall data is 5 minutes. For all other USGS gages, the time increment of rainfall data is 15 minutes.
- > **Table 1** below shows the beginning date of all downloaded rainfall and stage/flow data, which was obtained through the present date. It was noted that no stage or discharge data was available at the USGS gage **0208735460** (Walnut Creek at S. State St).

Table 1. Begin Date of Downloaded USGS Gage Data

Gage	Stage/Flow Data	Rainfall Data
02087337 (Walnut Creek at Buck Jones Rd)	8/1/2018	7/31/2018
02087339 (Lake Johnson above dam)	8/6/2018	8/6/2018
0208734210 (Walnut Creek at Trailwood Drive)	8/8/2018	8/8/2018
0208735012 (Rocky Branch below Pullen Rd)	9/30/2009	9/30/2009
0208734795 (Walnut Creek at S. Wilmington St)	8/8/2018	8/8/2018
0208735460 (Walnut Creek at S. State St)		8/14/2018
02087359 (Walnut Creek at Sunnybrook Dr)	9/30/1998	9/30/1998

- > Downloaded rainfall data was processed for each USGS gage such that values were sorted and totaled for each day. Downloaded mean daily discharge values for each USGS gage were used in conjunction with daily total rainfall to identify rainfall events realized by all gages in the study area for use in model calibration. Two storm events (dated 8/20/2018 and 11/13/2018) were recognizable within the downloaded data for all gages in the study area and produced record peak flows at multiple USGS gages.
- > Hydrologic “junctions” within the HEC-HMS model for Walnut Creek closest to each USGS gage location were identified. **Table 2** below shows the HEC-HMS “junctions” nearest to each USGS gage. Only rainfall and stage data are available for USGS gage **02087339** (Lake Johnson above dam), so no peak flow
- >

comparison was made at this location. A stage-discharge relationship (routing curve) for Lake Johnson was not provided with the downloaded data; therefore, discharge was not calculated for this gage. No peak

discharge data was available for the **0208735460** (Walnut Creek at S. State St); therefore, no peak discharge comparison could be made at that location.

Table 2. USGS Gage and Corresponding HEC-HMS Junction

Gage	HMS Junction
02087337 (Walnut Creek at Buck Jones Rd)	J_WC_37
0208734210 (Walnut Creek at Trailwood Drive)	J_WC_29
0208735012 (Rocky Branch below Pullen Rd)	J_RB_11
0208734795 (Walnut Creek at S. Wilmington St)	J_WC_21
02087359 (Walnut Creek at Sunnybrook Dr)	J_WC_7

- > For each USGS gage station, the time and magnitude of recorded peak discharges was noted from the downloaded incremental data. Time-series incremental rainfall data corresponding to the date and time of each peak discharge occurrence was identified for simulation of recorded storm events.

Three (3) analyses were completed, in an effort to compare the timing and magnitude of peak flows generated in the HEC-HMS model to the observed values at USGS gage stations. For the **first analysis**, at least two storm events were identified for each USGS gage listed above that yielded record peak streamflow. Each storm event was modeled individually within HEC-HMS, with rainfall data applied uniformly to all subbasins within the model. The HEC-HMS model outputs were then compared only at the specific HEC-HMS junction corresponding to the location at which the rainfall data was observed.

For the **second analysis**, two storm events (8/20/2018 and 11/13/2018) were identified, as they produced record peak streamflow at multiple USGS gages. The rainfall data observed at each USGS gage for these two storms was obtained and applied geospatially to basins across the Walnut Creek watershed via the Thiessen polygon rainfall distribution method. Best engineering judgment was used to assign rainfall data to basins that reside on the border of two polygons. The attached GIS map, [Appendix 1 Figure 1](#), shows the geospatial distribution of USGS gage rainfall data to surrounding subbasins within the HEC-HMS model. The attached “Analysis 2 – USGS Rainfall Data” sheets document storm data applied within the HEC-HMS model. This second analysis was run in effort to ensure the model and recorded gage data show similar trends based on the progression of storms and the impacts to flow as it builds through the Walnut Creek Watershed as a whole.

The **third analysis** was a comparison of eight storm events of various timing and magnitude identified within data downloaded from the USGS gages listed above. Comparison of total rainfall depth, peak discharge, and timing of peak discharge was used to further understand general hydraulic and hydrologic

reactions occurring within the Walnut Creek Watershed. Furthermore, the analysis was used to identify variability in how storms and flows of varying magnitude progress through the watershed.

RESULTS SUMMARY

Analysis 1

After analyzing storm results within the HEC-HMS model, flows for areas upstream of the site fluctuate both higher and lower than their measured values as observed at the USGS gages. When looking at USGS values compared to HEC-HMS outputs at the stations closest to the project and downstream, S. Wilmington and Sunnybrook Drive, respectively, the results are within 10% of the USGS observed values. In contrast, the upstream areas at Buck Jones, Trailwood, and Pullen do not replicate recorded peak streamflow as accurately. Table 3 below shows results obtained for this first analysis:

Table 3. Analysis 1 Results

Time series	Gage 02087337 Walnut At Buck Jones ; HMS J_WC_37 Upstream of project area above Lake Johnson				
Date	Storm Depth / Duration	HMS Discharge [cfs]	USGS Discharge [cfs]	Difference [cfs]	%Difference
8/20/2018	2.28" in 4.0 hrs	860.93	1530	-669.07	-43.73%
8/2/2019	1.83" in 2.5 hrs	719.62	1570	-850.38	-54.16%
SCS II 24	Gage 0208735012 Rocky Branch Below Pullen Rd ; HMS J_RB_11 Upstream of project area near Pullen				
Date	Storm Depth / Duration	HMS Discharge [cfs]	USGS Discharge [cfs]	Difference [cfs]	%Difference
8/24/2015	1.47" in 24 hrs	144	731	-587	-80.30%
8/12/2014	2.92" in 24 hrs	578	1740	-1162	-66.78%
Time series	Gage 0208734210 Walnut At Trailwood; HMS J_WC_29 Upstream of project area above Lake Raleigh				
Date	Storm Depth / Duration	HMS Discharge [cfs]	USGS Discharge [cfs]	Difference [cfs]	%Difference
8/20/2018	4.41" in 24 hrs	1350	803	547	68.12%
11/13/2018	3.49" in 24 hrs	1005	662	343	51.81%
Time series	Gage 0208734795 Walnut At S Wilmington St ; HMS J_WC_21				*Directly within project area*
Date	Storm Depth / Duration	HMS Discharge [cfs]	USGS Discharge [cfs]	Difference [cfs]	% Difference
8/20/2018	2.75" in 3 hrs	1648	1580	68	4.30%
11/13/2018	3.34" in 3.5 hrs	1266	1170	96	8.21%
SCS II 24	Gage 02087359 Walnut At Sunny Brook Dr ; HMS J_WC_7 Downstream of project area past Rose Ln				
Date	Storm Depth / Duration	HMS Discharge [cfs]	USGS Discharge [cfs]	Difference [cfs]	%Difference
8/20/2018	3.49" in 1 day	2265	2160	105	4.86%
11/13/2018	3.02" in 1 day	1760	1660	100	6.02%
10/8/2016	7.42" in 1 day	7178	5960	1218	20.44%

Analysis 2

After analyzing results of the 8/20/2018 and 11/13/2018 storms within the HEC-HMS model, several observations were made regarding the magnitude and timing of the peak streamflow as it progresses through the Walnut Creek Watershed. For the 8/20/2018 storm, the USGS record peak discharges show a decrease from 1530 cfs at the Buck Jones Road gage to 803 cfs at the Trailwood Drive gage. Conversely, the HEC-HMS model yielded an increase in flow from 883 cfs to 1,112 cfs between these two gages during the 8/20/2018 storm. As recorded by the USGS gages, the 11/13/2018 storm exhibits only a marginal increase in peak flow (from 600 cfs to 662 cfs) between these two USGS gages, whereas the HEC-HMS model predicted an increase from 651 to 1091 cfs. Ongoing and effective management of Lake Johnson, which is situated between these two gages, is likely a major cause of peak flow attenuation between the Buck Jones Road and Trailwood Drive gage stations. Divergence of peak flows generated in HEC-HMS from the recorded USGS gage values could be a result of the HEC-HMS model not incorporating the managed stage level into each individual simulation.

As shown in **Table 4** below, the HEC-HMS model generally *overpredicts* peak discharge calculated at each USGS gage, compared to the values observed. After looking at the “Time of Peak” results listed in **Table 4**, one interesting observation was the apparent slow-down of each storm’s peak flow rate between S. Wilmington Street and Sunnybrook Drive. For example, during the 8/20/2018 storm, the HEC-HMS model predicts the peak flow at the Sunnybrook Drive gage occurs at 7:55pm, whereas upstream at S. Wilmington Street, it occurs at 1:50pm - about six hours earlier. For the same storm event, the USGS recorded peak flows as listed in the downloaded data occurring at 2:15pm and 9:00pm, respectively – a difference of almost seven hours. This difference in time between the observed peaks at S. Wilmington Street and Sunnybrook Drive are also apparent when looking at the 11/13/2018 storm results.

Table 4. Analysis 2 Results

Peak Flow	J_WC37_WCT25_1		J_WC_29		J_WC_21		J_WC_7	
	Buck Jones Rd Gage		Trailwood Dr Gage		SWilmingtonSt Gage		SunnyBrook Dr Gage	
Storm	HMS	USGS	HMS	USGS	HMS	USGS	HMS	USGS
8/20/2018	883	1530	1112	803	1917	1580	2314	2160
11/13/2018	651	600	1091	662	1360	1170	2161	1660
Time of Peak	J_WC37_WCT25_1		J_WC_29		J_WC_21		J_WC_7	
	Buck Jones Rd Gage		Trailwood Dr Gage		SWilmingtonSt Gage		SunnyBrook Dr Gage	
Storm	HMS	USGS	HMS	USGS	HMS	USGS	HMS	USGS
8/20/2018	2:00	1:20	1:20	1:35	1:50	2:15	7:55	9:00
11/13/2018	1:30	1:35	2:10	2:10	3:50	2:45	6:25	7:00

Analysis 3

Visuals of the eight storms used in the analysis are included in the attached “Analysis 3 – Sample Storm Data”. Several trends between rainfall and the magnitude and timing of the recorded peak discharge at each gage station are evident through analysis of the sample storms. Note that instances where the time of peak discharge at Sunnybrook Drive is less than the time of peak discharge at S. Wilmington Street indicates that the peak discharge at Sunnybrook Drive occurred on the day following the beginning of the

storm event. Most notably, in seven of the eight storms, there is a significant *decrease* in peak discharge between the Buck Jones Road and Trailwood Drive gage stations. Additionally, for the storm events on 8/2/2019 and 5/29/2019 (where the greatest rainfall depth was recorded at the Buck Jones Road gage station), recorded peak flow rates at all downstream gage stations are significantly *lower* than the peak flow rate recorded at the Buck Jones Road gage station despite the substantial increase in drainage area to the downstream gage stations. Only during storms where the downstream watershed receives similar or greater rainfall depth as the upstream watershed do we witness continual, significant increase in peak flow rate from the Trailwood Drive gage station to the Sunnybrook Road gage station. As mentioned in the discussion of **Analysis 2**, active management of stage level and attenuation in Lake Johnson for flood mitigation is a likely cause of the discontinuity between recorded discharge values at the Buck Jones Road gage station and the downstream gage stations. Accurate representation of the existing upper watershed is dependent on correct routing of Lake Johnson in the model.

Another notable finding from this analysis is the significant variability of timing and magnitude of peak discharges recorded at the Sunnybrook Drive gage location, relative to the values recorded at the S. Wilmington Street gage station. Wide variations in timing and magnitude indicate the likely presence of various features providing stormwater attenuation along Walnut Creek between these two gage locations. Road crossings and other permanent structures provide consistent attenuation for most storms, and wetlands and other temporary floodplain storage provide significant peak flow attenuation for storms when there has been little antecedent rainfall.

CONCLUSIONS

Based on the results of the three analyses described above, it was concluded that the calibrated Existing Conditions HEC-HMS model sufficiently represents the pre-development condition of the Walnut Creek basin. Soil Conservation Service (SCS) Type II Storms were then modeled and applied uniformly across the Walnut Creek basin for the following design storms: 1-year, 24-hour; 2-year, 24-hour; 10-year, 24-hour; 25-year, 24-hour; and 100-year, 24-hour. For each of these storm events, a second iteration was run that disregarded upstream attenuation through the Lake Johnson and Lake Raleigh Impoundments – note that these are referred to as the “No-Routing” events in the proposed conditions summary tables below.

PROPOSED CONDITIONS ANALYSIS

The following section will discuss the proposed condition analyses – including the results of the proposed condition modeling, which was used to analyze the impact of the proposed development within Area C of the Downtown South property. Specifically, the impacts on peak flows, water surface elevations, and flow velocities were evaluated within Walnut Creek at six (6) main points of analysis: S. Saunders Street, Garner Road, S. Wilmington Street, S. State Street, Bailey Drive, and Rose Lane.

Two main alternatives were investigated for the proposed condition - the project site **without** detention and **with** detention – to determine the potential differences in impact to downstream communities. These

two alternatives were modeled for all major storm events (i.e., the 1-, 2-, 10-, 25-, and 100-year, 24-hour storms), as well as hypothetical thunderstorm and hurricane events, as mentioned in the existing condition analysis section and detailed in **Appendix 5**.

MODELING METHODOLOGIES + ASSUMPTIONS

The proposed conditions hydrologic models were based on the existing conditions model, with modifications incorporated based on changes in land cover and conveyance from the pre-development to post-development condition. Both proposed alternatives assumed the land cover condition to be 100% impervious for any developable area. Areas excluded from this assumption, i.e., considered undevelopable, included stream buffers and regulated floodplain areas. The corresponding cover conditions for these undevelopable areas were generated from survey and best available aerial imagery.

HEC-HMS (Version 3.0.1) was used to model two separate hydrologic scenarios. The Walnut Creek watershed was modeled **with and without** flow routing through the two major upstream impoundments (Lake Raleigh and Lake Johnson) from the Downtown South project. Both routing options were compared in the modeling of the proposed conditions alternatives. Within this report, the routed option (i.e., including routing through Lake Raleigh and Lake Johnson) is the primary focus, as it represents the most common scenario; however, if the non-routed option differed from the results of the routed option, it was compared and included in the results discussed below.

HEC-RAS (Version 3.1.3), a modeling program by the Army Corps of Engineers, was used to analyze the impact of the development on Walnut Creek's water surface elevations. The HEC-RAS model of Walnut Creek, which was received from the North Carolian Floodplain Mapping Program, was created in Version 3.1.3, and thus, the versioning was maintained throughout the analysis. The flow rates determined in the HEC-HMS models were used as inputs for this steady-state HEC-RAS model.

To determine the corresponding flow velocities, the FlowMaster modeling program was used. Inputs included the cross sections from the HEC-RAS model and the flow data from the HEC-HMS model. The

FlowMaster analysis subsequently determined the velocity in Walnut Creek at each point of analysis for the 1-, 2-, 10-, 25-, and 100-year 24-hour storm events.

ALTERNATIVE 1: WITHOUT DETENTION

MODELING METHODOLOGIES + ASSUMPTIONS

In the proposed condition alternative **without detention**, the routing connections were not changed from those in the existing condition, but the curve numbers and times of concentration were updated to reflect the assumptions detailed in the Modeling Methodologies + Assumptions section above. There are two subbasins that are updated in this alternative – Area C1 and Area C2. Area C1 drains to **J_WC_22** and Area C2 drains to **J_WC_21** in the HEC-HMS model.

The complete hydrologic data and HEC-HMS inputs for this alternative can be found in **Appendix 2**.

ALTERNATIVE 2: ONSITE DETENTION

MODELING METHODOLOGIES + ASSUMPTIONS

In the proposed condition alternative **with onsite detention**, four hypothetical underground detention vaults were modeled. Area C of the Downtown South development currently proposes four StormFilter systems for nutrient management, in order to treat runoff prior to the flow outletting into Walnut Creek. For this onsite detention alternative, the proposed drainage areas to the StormFilter systems were utilized to size hypothetical detention vault structures, which would be installed in series with the proposed StormFilter systems. Consequently, for this analysis, Area C was split into five subbasins - four subbasins to stormwater control measures (SCMs) and one bypass subbasin, which includes both the property on the east side of Walnut Creek and all the onsite floodplain. Refer to the proposed drainage area exhibit in **Appendix 3** for more information.

Bentley PondPack was utilized to size the SCMs, which were designed to considerably reduce onsite peak flows for all storm events through the 100-year storm. The stage-storage and storage-discharge information from the respective detention structure for each area was exported from PondPack and was input as attenuation structures in the HEC-HMS model.

Within the HEC-HMS model, Area C1 is directed to SCM A before draining to **J_WC_22**. Area C2 was replaced by four (4) subbasins: Sub 2 to SCM B, Sub 3 to SCM C, Sub 4 to SCM D, and a Bypass subbasin. These four (4) subbasins drain to their respective SCMs before draining to **J_WC_21**. The times of concentration to the SCMs have been assumed to be five minutes.

The complete hydrologic data and HEC-HMS inputs for this alternative can be found in **Appendix 3**.

RESULTS COMPARISON
HYDROLOGY

Alternative 1 (without detention) shows either a decrease or no change in peak flows at S. Saunders Street, S. Wilmington Street, and Garner Street for all the storm events analyzed. The Rose Lane and S. State Street points of analysis show minor increases in flows for the 1-year storm - 0.1% and 0.0%, respectively. In comparison, **Alternative 2 (onsite detention)** shows either a decrease or no change in peak flows at every point of analysis, except for the 100-year storm flows at S. Wilmington Street.

The Unnamed Tributary at Bailey Drive does not show any change in flows for either alternative in any storm event.

For HEC-HMS outputs please refer to **Appendix 4**.

Table 5. Hydrology Comparisons

RELEASE RATE MANAGEMENT RESULTS ALTERNATIVE 2 - HEC HMS				RELEASE RATE MANAGEMENT RESULTS ALTERNATIVE 1 - HEC HMS			
S. Saunders St. (HMS Junction J_WC_22)				S. Saunders St. (HMS Junction J_WC_22)			
Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase	Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase
	Site [cfs]	Detained [cfs]	[%]		Site [cfs]	Undetained [cfs]	[%]
1-Year	965.62	959.89	-0.6%	1-Year	965.62	964.16	-0.2%
2-Year	1367.98	1362.19	-0.4%	2-Year	1367.98	1364.73	-0.2%
10-Year	2430.43	2430.42	0.0%	10-Year	2430.43	2425.40	-0.2%
25-Year	3270.42	3269.71	0.0%	25-Year	3270.42	3268.87	0.0%
100-Year	4580.11	4579.08	0.0%	100-Year	4580.11	4578.27	0.0%
S. Wilmington St. (HMS Junction J_WC_21)				S. Wilmington St. (HMS Junction J_WC_21)			
Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase	Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase
	Site [cfs]	Detained [cfs]	[%]		Site [cfs]	Undetained [cfs]	[%]
1-Year	1239.74	1223.71	-1.3%	1-Year	1239.74	1238.98	-0.1%
2-Year	1742.68	1730.68	-0.7%	2-Year	1742.68	1738.68	-0.2%
10-Year	2721.62	2717.70	-0.1%	10-Year	2721.62	2715.71	-0.2%
25-Year	3473.81	3471.41	-0.1%	25-Year	3473.81	3465.87	-0.2%
100-Year	4825.54	4826.03	0.0%	100-Year	4825.54	4822.00	-0.1%
Garner Rd. (HMS Junction J_WildB_1_WC_20)				Garner Rd. (HMS Junction J_WildB_1_WC_20)			
Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase	Return Period	HMS with Pre-Dev	HMS with Post-Dev	% Increase

	Site [cfs]	Detained [cfs]	[%]
1-Year	2410.89	2399.63	-0.5%
2-Year	3425.85	3415.62	-0.3%
10-Year	5780.09	5773.30	-0.1%
25-Year	7619.82	7612.16	-0.1%
100-Year	9550.29	9544.19	-0.1%

	Site [cfs]	Undetained [cfs]	[%]
1-Year	2410.89	2409.78	0.0%
2-Year	3425.85	3421.94	-0.1%
10-Year	5780.09	5773.96	-0.1%
25-Year	7619.82	7610.76	-0.1%
100-Year	9550.29	9538.86	-0.1%

S. State St. / Rochester Heights Subdivision (HMS Junction J_WC_18)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Detained [cfs]	% Increase [%]
1-Year	2010.71	1999.16	-0.6%
2-Year	3014.96	3000.38	-0.5%
10-Year	5286.71	5274.06	-0.2%
25-Year	6940.39	6925.90	-0.2%
100-Year	9131.32	9115.61	-0.2%

S. State St. / Rochester Heights Subdivision (HMS Junction J_WC_18)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Undetained [cfs]	% Increase [%]
1-Year	2010.71	2011.14	0.0%
2-Year	3014.96	3012.60	-0.1%
10-Year	5286.71	5280.90	-0.1%
25-Year	6940.39	6931.24	-0.1%
100-Year	9131.32	9117.92	-0.1%

Unnamed Tributary to Bailey Drive (HMS Junction J_WCT_11_1)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Detained [cfs]	% Increase [%]
1-Year	179.82	179.82	0.0%
2-Year	283.78	283.78	0.0%
10-Year	535.55	535.55	0.0%
25-Year	734.16	734.16	0.0%
100-Year	1009.28	1009.28	0.0%

Unnamed Tributary to Bailey Drive (HMS Junction J_WCT_11_1)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Undetained [cfs]	% Increase [%]
1-Year	179.82	179.82	0.0%
2-Year	283.78	283.78	0.0%
10-Year	535.55	535.55	0.0%
25-Year	734.16	734.16	0.0%
100-Year	1009.28	1009.28	0.0%

Rose Ln. (HMS Junction J_WCT7_1_WC_12)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Detained [cfs]	% Increase [%]
1-Year	1845.68	1835.98	-0.5%
2-Year	2693.46	2681.76	-0.4%
10-Year	4804.94	4791.33	-0.3%
25-Year	6358.99	6343.24	-0.2%
100-Year	8402.33	8377.29	-0.3%

Rose Ln. (HMS Junction J_WCT7_1_WC_12)

Return Period	HMS with Pre-Dev Site [cfs]	HMS with Post-Dev Undetained [cfs]	% Increase [%]
1-Year	1845.68	1846.84	0.1%
2-Year	2693.46	2692.77	0.0%
10-Year	4804.94	4800.31	-0.1%
25-Year	6358.99	6351.29	-0.1%
100-Year	8402.33	8387.18	-0.2%

Hydraulics

Water Surface Elevations

As shown in the tables below, the proposed development without detention does not raise water surface elevations at any point of analysis during any storm event. The proposed development with detention

raises the water surface elevation at S. Wilmington Street during the 25-year No-Routing storm. The tables label storms as 'Routing' or 'No Routing' - this is in reference to the models including (Routing) or not including (No Routing) the storage benefits of upstream impoundments of Lake Raleigh and Lake Johnson.

Table 6: Alternative 1 HEC-RAS Results

Storm Event / HECRAS WSEL		S. Saunders St. 49577.6	S. Wilmington St. 46020.1	Garner Rd. 42807.2	S. State St. 40532.3	Rose Ln. 30626.3
1yr Routing	Pre [ft]	234.95	226.04	221.96	217.81	202.73
	Post [ft]	234.94	226.03	221.96	217.81	202.73
	Δ [ft]	-0.01	-0.01	0.00	0.00	0.00
1yr No Routing	Pre [ft]	238.57	227.71	222.54	218.54	203.63
	Post [ft]	238.57	227.71	222.54	218.54	203.63
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
2yr Routing	Pre [ft]	236.31	227.76	223.24	218.87	203.88
	Post [ft]	236.30	227.76	223.23	218.87	203.88
	Δ [ft]	-0.01	0.00	-0.01	0.00	0.00
2yr No Routing	Pre [ft]	240.52	229.51	223.60	219.54	204.76
	Post [ft]	240.52	229.51	223.60	219.54	204.76
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
10yr Routing	Pre [ft]	239.02	231.01	225.62	221.13	205.51
	Post [ft]	239.00	231.00	225.62	221.12	205.51
	Δ [ft]	-0.02	-0.01	0.00	-0.01	0.00
10yr No Routing	Pre [ft]	244.19	233.30	225.81	222.06	206.20
	Post [ft]	244.18	233.29	225.80	221.99	206.20
	Δ [ft]	-0.01	-0.01	-0.01	-0.07	0.00
25yr Routing	Pre [ft]	240.97	234.06	226.19	222.45	206.28
	Post [ft]	240.96	234.05	226.19	222.45	206.28
	Δ [ft]	-0.01	-0.01	0.00	0.00	0.00
25yr No Routing	Pre [ft]	245.40	235.09	226.46	223.21	208.45
	Post [ft]	245.40	235.09	226.45	223.20	207.20
	Δ [ft]	0.00	0.00	-0.01	-0.01	-1.25
100yr Routing	Pre [ft]	243.56	236.20	226.85	223.82	208.62
	Post [ft]	243.56	236.17	226.84	223.81	208.62
	Δ [ft]	0.00	-0.03	-0.01	-0.01	0.00
100yr No Routing	Pre [ft]	247.11	238.58	227.12	224.53	209.26
	Post [ft]	247.11	238.51	227.11	224.53	209.25
	Δ [ft]	0.00	-0.07	-0.01	0.00	-0.01
T-Storm Routing	Pre [ft]	234.36	225.76	221.88	217.94	202.76
	Post [ft]	234.35	225.76	221.88	217.94	202.76
	Δ [ft]	-0.01	0.00	0.00	0.00	0.00
T-Storm No Routing	Pre [ft]	239.19	228.47	223.10	219.00	203.10
	Post [ft]	239.19	228.47	223.10	219.00	203.10
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
Hurricane Routing	Pre [ft]	237.37	227.04	222.27	218.57	204.61
	Post [ft]	237.37	227.03	222.27	218.56	204.61
	Δ [ft]	0.00	-0.01	0.00	-0.01	0.00
Hurricane No Routing	Pre [ft]	237.90	227.50	222.52	218.81	204.66
	Post [ft]	237.90	227.50	222.52	218.81	204.66
	Δ [ft]	0.00	0.00	0.00	0.00	0.00

Table 7: Alternative 2 HEC-RAS Results

Storm Event / HECRAS WSEL		S. Saunders St. 49577.6	S. Wilmington St. 46020.1	Garner Rd. 42807.2	S. State St. 40532.3	Rose Ln. 30626.3
1yr Routing	Pre [ft]	234.95	226.04	221.96	217.81	202.73
	Post [ft]	234.93	226.01	221.95	217.80	202.72
	Δ [ft]	-0.02	-0.03	-0.01	-0.01	-0.01
1yr No Routing	Pre [ft]	238.57	227.71	222.54	218.54	203.63
	Post [ft]	238.57	227.71	222.54	218.54	203.63
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
2yr Routing	Pre [ft]	236.31	227.76	223.24	218.87	203.88
	Post [ft]	236.29	227.74	223.23	218.86	203.87
	Δ [ft]	-0.02	-0.02	-0.01	-0.01	-0.01
2yr No Routing	Pre [ft]	240.52	229.51	223.60	219.54	204.76
	Post [ft]	240.52	229.51	223.60	219.54	204.76
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
10yr Routing	Pre [ft]	239.02	231.01	225.62	221.13	205.51
	Post [ft]	239.02	231.00	225.62	221.11	205.50
	Δ [ft]	0.00	-0.01	0.00	-0.02	-0.01
10yr No Routing	Pre [ft]	244.19	233.30	225.81	222.06	206.20
	Post [ft]	244.19	233.30	225.81	222.06	206.20
	Δ [ft]	0.00	0.00	0.00	0.00	0.00
25yr Routing	Pre [ft]	240.97	234.06	226.19	222.45	206.28
	Post [ft]	240.97	234.05	226.19	222.44	206.27
	Δ [ft]	0.00	-0.01	0.00	-0.01	-0.01
25yr No Routing	Pre [ft]	245.40	235.09	226.46	223.21	208.45
	Post [ft]	245.40	235.10	226.45	223.20	208.45
	Δ [ft]	0.00	0.01	-0.01	-0.01	0.00
100yr Routing	Pre [ft]	243.56	236.20	226.85	223.82	208.62
	Post [ft]	243.56	236.18	226.85	223.81	208.62
	Δ [ft]	0.00	-0.02	0.00	-0.01	0.00
100yr No Routing	Pre [ft]	247.11	238.58	227.12	224.53	209.26
	Post [ft]	247.11	238.58	227.12	224.53	209.25
	Δ [ft]	0.00	0.00	0.00	0.00	-0.01
T-Storm Routing	Pre [ft]	234.36	225.76	221.88	217.94	202.76
	Post [ft]	234.35	225.74	221.87	217.93	202.74
	Δ [ft]	-0.01	-0.02	-0.01	-0.01	-0.02
T-Storm No Routing	Pre [ft]	239.19	228.47	223.10	219.00	203.10
	Post [ft]	239.19	228.47	223.10	218.99	203.08
	Δ [ft]	0.00	0.00	0.00	-0.01	-0.02
Hurricane Routing	Pre [ft]	237.37	227.04	222.27	218.57	204.61
	Post [ft]	237.37	227.03	222.27	218.56	204.61
	Δ [ft]	0.00	-0.01	0.00	-0.01	0.00
Hurricane No Routing	Pre [ft]	237.90	227.50	222.52	218.81	204.66
	Post [ft]	237.90	227.50	222.52	218.81	204.66
	Δ [ft]	0.00	0.00	0.00	0.00	0.00

Table 8: Unnamed Tributary at Bailey Drive Alternatives 1 + 2

Storm Event / HECRAS WSEL		HMS Peak [cfs] J_WCT11_1	Flowmaster WSEL [ft]
1yr Routing	Pre	179.82	223.47
	Post	179.82	223.47
	Δ	0.00	0.00
1yr No Routing	Pre	179.82	223.47
	Post	179.82	223.47
	Δ	0.00	0.00
2yr Routing	Pre	283.78	223.74
	Post	283.78	223.74
	Δ	0.00	0.00
2yr No Routing	Pre	283.78	223.74
	Post	283.78	223.74
	Δ	0.00	0.00
10yr Routing	Pre	535.55	224.21
	Post	535.55	224.21
	Δ	0.00	0.00
10yr No Routing	Pre	535.55	224.21
	Post	535.55	224.21
	Δ	0.00	0.00
25yr Routing	Pre	734.16	224.53
	Post	734.16	224.53
	Δ	0.00	0.00
25yr No Routing	Pre	734.16	224.53
	Post	734.16	224.53
	Δ	0.00	0.00
100yr Routing	Pre	1009.28	224.79
	Post	1009.28	224.79
	Δ	0.00	0.00
100yr No Routing	Pre	1009.28	224.79
	Post	1009.28	224.79
	Δ	0.00	0.00
T-Storm Routing	Pre	78.52	223.00
	Post	78.52	223.00
	Δ	0.00	0.00
T-Storm No Routing	Pre	78.52	223.00
	Post	78.52	223.00
	Δ	0.00	0.00
Hurricane Routing	Pre	52.40	221.50
	Post	52.40	221.50
	Δ	0.00	0.00
Hurricane No Routing	Pre	52.40	221.50
	Post	52.40	221.50
	Δ	0.00	0.00

Storm Event / HECRAS WSEL		HMS Peak [cfs] J_WCT11_1	Flowmaster WSEL [ft]
1yr Routing	Pre	179.82	223.47
	Post	179.82	223.47
	Δ	0.00	0.00
1yr No Routing	Pre	179.82	223.47
	Post	179.82	223.47
	Δ	0.00	0.00
2yr Routing	Pre	283.78	223.74
	Post	283.78	223.74
	Δ	0.00	0.00
2yr No Routing	Pre	283.78	223.74
	Post	283.78	223.74
	Δ	0.00	0.00
10yr Routing	Pre	535.55	224.21
	Post	535.55	224.21
	Δ	0.00	0.00
10yr No Routing	Pre	535.55	224.21
	Post	535.55	224.21
	Δ	0.00	0.00
25yr Routing	Pre	734.16	224.53
	Post	734.16	224.53
	Δ	0.00	0.00
25yr No Routing	Pre	734.16	224.53
	Post	734.16	224.53
	Δ	0.00	0.00
100yr Routing	Pre	1009.28	224.79
	Post	1009.28	224.79
	Δ	0.00	0.00
100yr No Routing	Pre	1009.28	224.79
	Post	1009.28	224.79
	Δ	0.00	0.00
T-Storm Routing	Pre	78.52	223.00
	Post	78.52	223.00
	Δ	0.00	0.00
T-Storm No Routing	Pre	78.52	223.00
	Post	78.52	223.00
	Δ	0.00	0.00
Hurricane Routing	Pre	52.40	221.50
	Post	52.40	221.50
	Δ	0.00	0.00
Hurricane No Routing	Pre	52.40	221.50
	Post	52.40	221.50
	Δ	0.00	0.00

Flow Velocities

The flow velocities in Walnut Creek were determined for all major points of analysis. Given that the flows did not increase in Alternative 2, aside from a 0.0% increase at S Wilmington Street in the 100-year storm, it is implicitly understood that the flow velocities would not increase either. Thus, the velocities shown in the tables below only reflect the results of Alternative 1. Additionally, as there were no changes to the flows in the Unnamed Tributary at Bailey Drive, the velocities were not analyzed for this point of analysis either.

In Alternative 1, the point of analysis at S. Wilmington Street experiences an increase in velocity of 0.01 ft/s (0.1% increase) in the 100-year storm. All other points of analysis have either no increase or a decrease in velocity for all storm events. This aligns with the results from the HEC-HMS model, as previously described. Please refer to **Appendix 4** for FlowMaster outputs.

SUMMARY OF FLOW VELOCITIES - FLOWMASTER			
S. Saunders St. (HMS Junction J_WC_22)			
Return Period	Pre-Dev [ft/s]	Post-Dev [ft/s]	% Increase [%]
1-Year	7.10	7.09	-0.1%
2-Year	8.02	8.01	-0.1%
10-Year	9.87	9.86	-0.1%
25-Year	10.95	10.95	0.0%
100-Year	12.28	12.27	-0.1%
S. Wilmington St. (HMS Junction J_WC_21)			
Return Period	Pre-Dev [ft/s]	Post-Dev [ft/s]	% Increase [%]
1-Year	7.46	7.46	0.0%
2-Year	8.33	8.32	-0.1%
10-Year	6.59	6.59	0.0%
25-Year	6.80	6.80	0.0%
100-Year	7.01	7.02	0.1%
Garner Rd. (HMS Junction J_WildB_1_WC_20)			
Return Period	Pre-Dev [ft/s]	Post-Dev [ft/s]	% Increase [%]
1-Year	1.70	1.70	0.0%
2-Year	1.93	1.93	0.0%
10-Year	2.24	2.24	0.0%
25-Year	2.43	2.43	0.0%
100-Year	2.63	2.63	0.0%

S. State St. / Rochester Heights Subdivision (HMS Junction J_WC_18)			
Return Period	Pre-Dev [ft/s]	Post-Dev [ft/s]	% Increase [%]
1-Year	1.37	1.37	0.0%
2-Year	1.53	1.53	0.0%
10-Year	1.73	1.73	0.0%
25-Year	1.90	1.90	0.0%
100-Year	2.11	2.11	0.0%

Rose Ln. (HMS Junction J_WCT7_1_WC_12)			
Return Period	Pre-Dev [ft/s]	Post-Dev [ft/s]	% Increase [%]
1-Year	1.27	1.27	0.0%
2-Year	1.44	1.44	0.0%
10-Year	1.80	1.80	0.0%
25-Year	2.01	2.00	-0.5%
100-Year	2.24	2.23	-0.4%

RAINFALL FATES

In comparing the fate of rainfall on the site, two major factors to be considered are soil type and land cover. Both factors will have an impact on the mechanism through which water reaches Walnut Creek (i.e., either as groundwater after infiltrating or as runoff), as well as how quickly water reaches the stream.

The soils on site are considered ‘Urban’ and are therefore classified as Hydrologic Soil Group (HSG) D. This soil group experiences low infiltration rates, with most rainfall becoming runoff. Therefore, in both the existing and proposed conditions, the site is not conducive to substantial amounts of infiltration and is accordingly less suitable for infiltration-based treatment mechanisms.

Regarding land covers, in the existing condition most of the site is considered ‘Open Space’, which results in greater infiltration, despite the poor soil conditions. The proposed, developed condition will be characterized by highly impervious land covers, including roads, buildings, and sidewalks, resulting in high runoff and low infiltration. These differences in infiltration can be quantitatively compared using the initial abstraction of each condition. The initial abstraction quantifies the depth of water that is expected to pond prior to runoff beginning. The existing site will pond approximately 0.36 inches of water before runoff begins. Comparatively, the proposed site has an initial abstraction of 0.02 inches. Due to the decrease in onsite infiltration and corresponding increase in runoff, the proposed condition will treat the 90th percentile (1.34 inches).

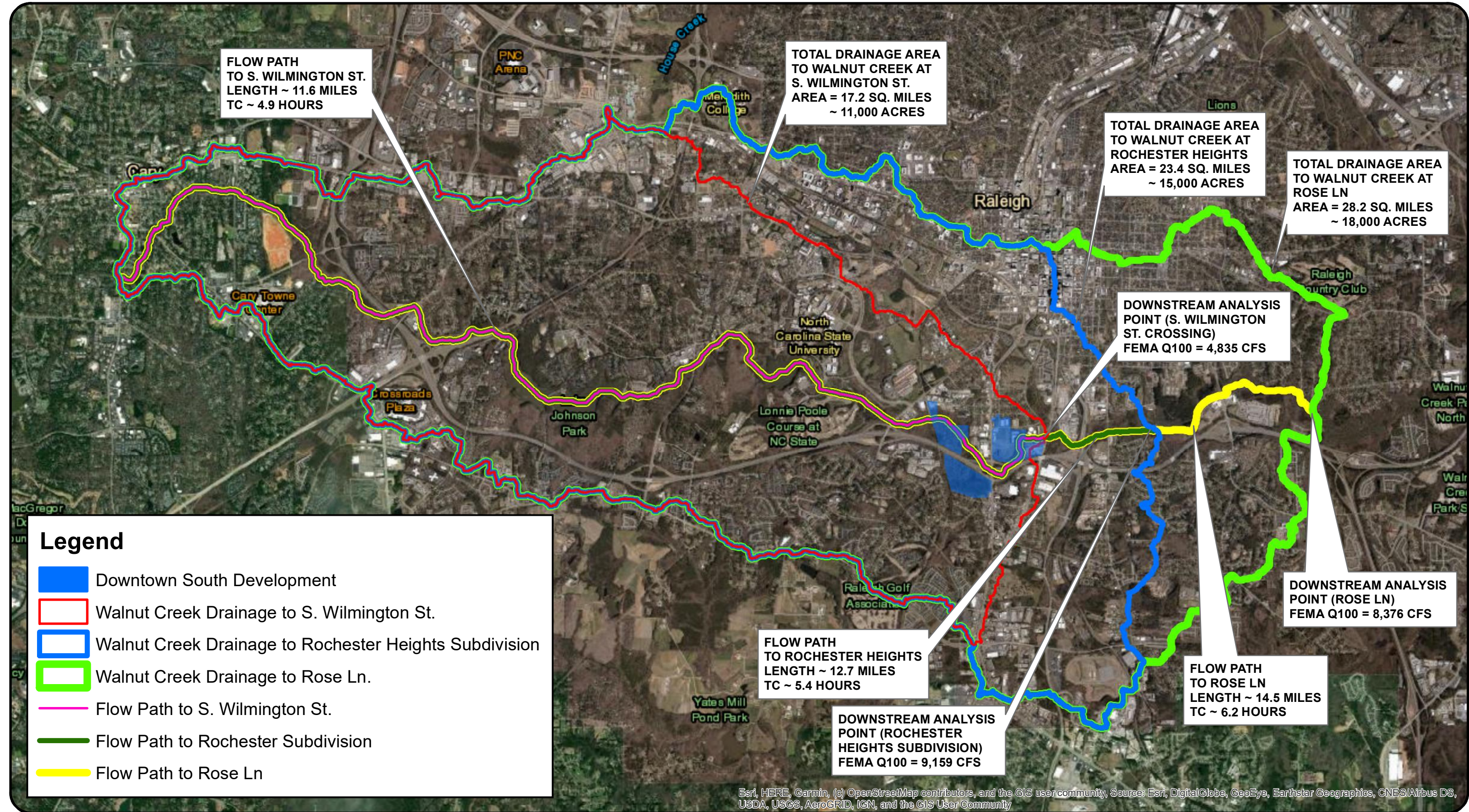
Times of concentration can be used to compare the timing of watersheds. The times of concentration for the existing condition are 14.31 minutes and 19.06 minutes for Area C1 and Area C2, respectively. Rainfall in the proposed condition will be captured via storm drainage networks and quickly carried and released

to the stream. Therefore, Area C1 and Area C2 are both assumed to have a time of concentration of 5.00 minutes.

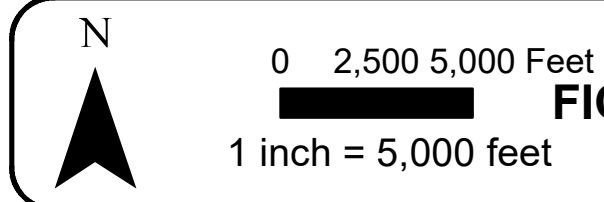
CONCLUSIONS

Based on these detailed analyses, as well as the conditions of the rezoning case set forth by the City of Raleigh, onsite detention in Area C is not required, as the provision of detention would not have a measurable, beneficial impact on the Walnut Creek watershed. The proposed development associated with Downtown South - Area C represents a small percentage of the overall Walnut Creek watershed, and it is positioned low enough in the watershed that it peaks ahead of the overall watershed, thus rendering detention unnecessary.

It is the engineer's belief that the potential cost associated with the provision of unnecessary detention would be more effectively leveraged if utilized instead for supplementing other ecosystem services – e.g., providing additional GSI measures, increasing robust native plantings, and/or optimizing open spaces. These services would be immeasurably beneficial to both the public and natural resources of the Downtown South property.



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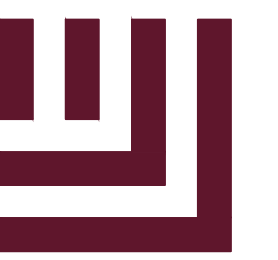


WALNUT CREEK DOWNSTREAM IMPACT ANALYSIS
FIGURE 1. TOTAL DRAINAGE TO S. WILMINGTON ST., ROCHESTER HEIGHTS AND ROSE LN.
RALEIGH, NORTH CAROLINA





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MCADAMS

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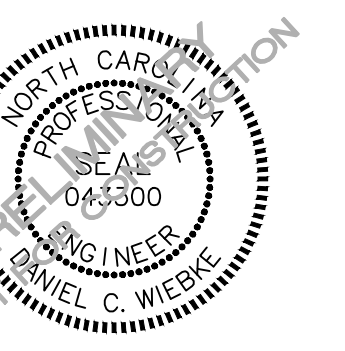
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KANE REALTY CORPORATION
 4321 LASSITER AT NORTH HILLS AVE SUITE
 250 RALEIGH, NC 27609



**DOWNTOWN SOUTH
 DOWNSTREAM ANALYSIS**
 RALEIGH, NORTH CAROLINA, 27603



REVISIONS

NO.	DATE

PLAN INFORMATION

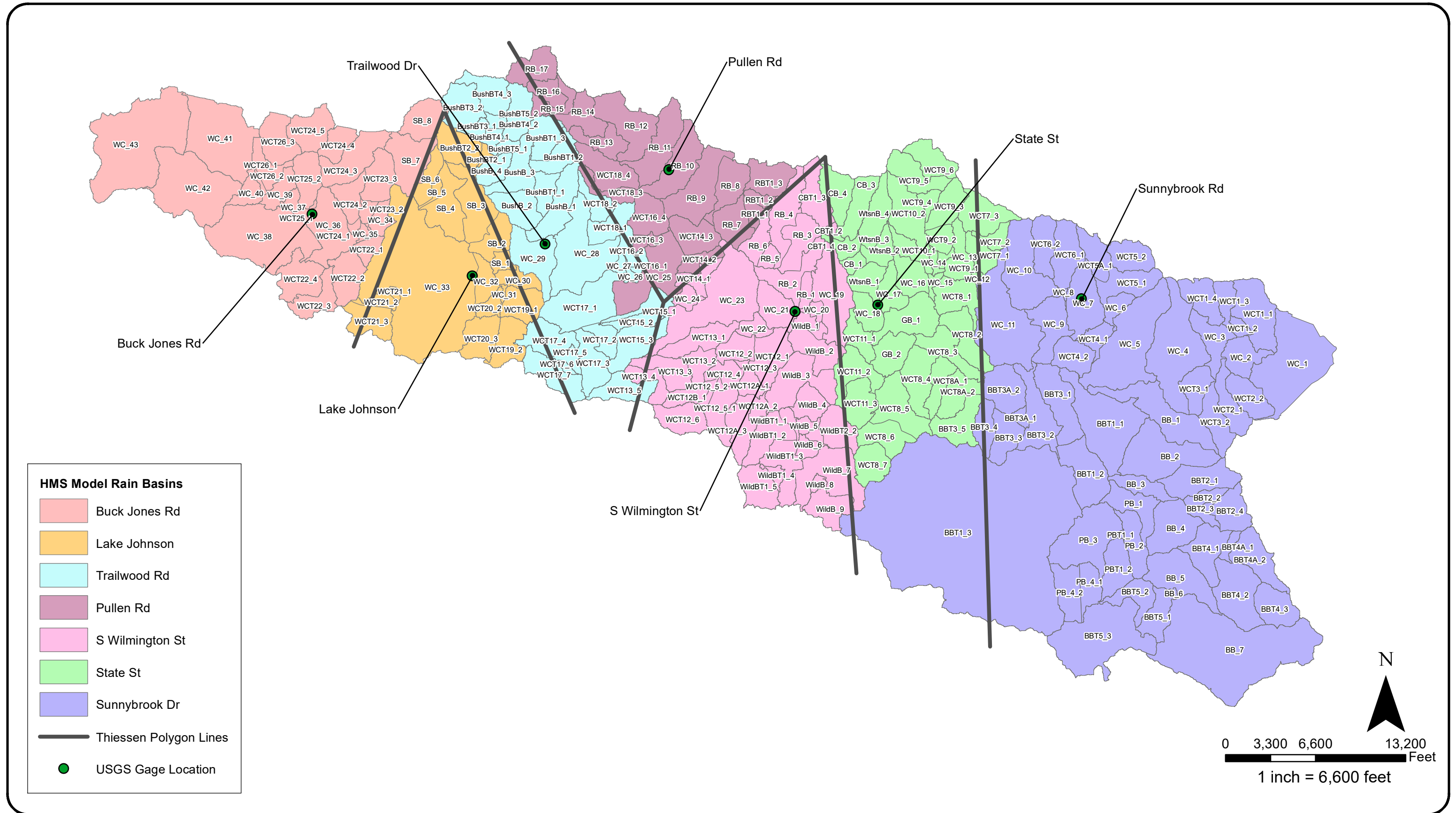
PROJECT NO.	KAN-19020
FILENAME	KAN19020 - POST
CHECKED BY	DCW
DRAWN BY	EAM
SCALE	1" = 100'
DATE	12.09.2021

SHEET

PRE-DEVELOPMENT
 DRAINAGE AREA MAP
OVERALL

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

*APPENDIX 1:
EXISTING CONDITION*



Prepared For:

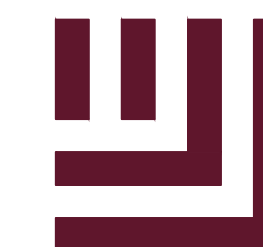
DOWNTOWN SOUTH HMS MODEL BASINS

EXISTING CONDITIONS

Raleigh, NC

Drawn By: RHW
 Date: 3/19/2021
 Scale: 1" = 6,600'
 Project No.: KAN-19020

FIGURE
1



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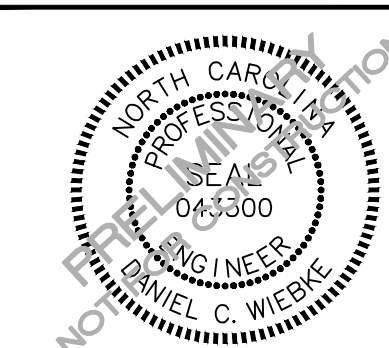
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RALEIGH, NORTH CAROLINA, 27603



REVISIONS

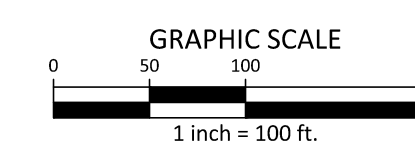
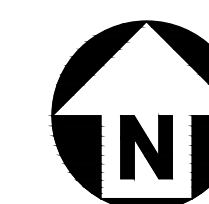
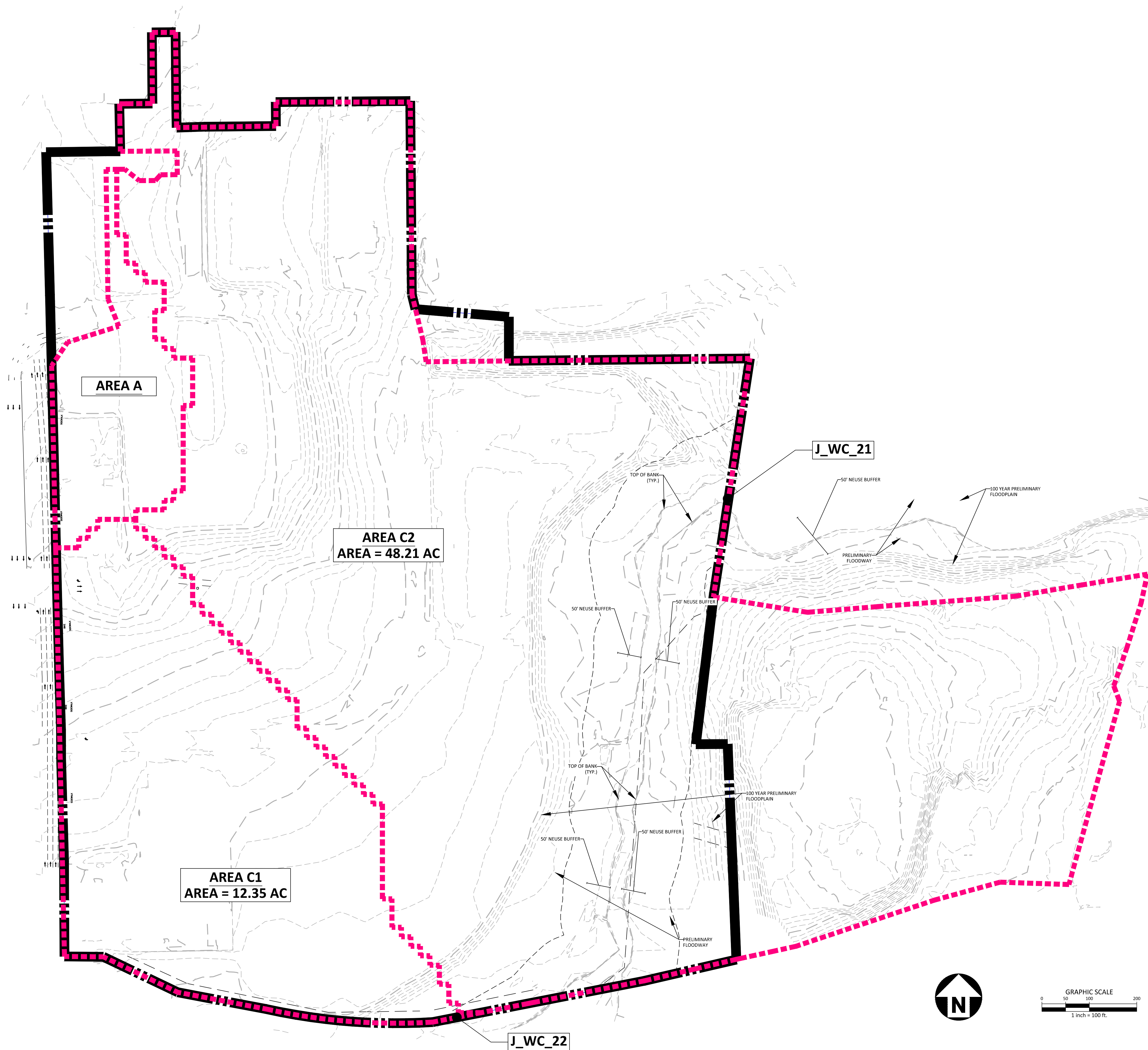
NO. DATE

PLAN INFORMATION

PROJECT NO. KAN-19020
FILENAME KAN19020 - POST
CHECKED BY DCW
DRAWN BY EAM
SCALE 1" = 100'
DATE 12.09.2021

SHEET

PRE-DEVELOPMENT
DRAINAGE AREA MAP
EXISTING



I:\Projects\KAN\KAN-19020\Storm\Master Downstream Analysis\2021.12.09 Report\Current Drawings\KAN19020 - POST.dwg, 12/21/2021 2:03:02 PM, Emily Magdon

PRE-DEVELOPMENT HYDROLOGY
Summary

HYDROLOGY INPUT SUMMARY

Sub-basin ID	Onsite Area [acres]					Offsite Area [acres]					Total Area [sq. mi]	SCS CN	Lag Time [min]
	Impervious	Open	Wooded	Pond	Total	Impervious	Open	Wooded	Pond	Total			
Area A	3.69	1.44	34.03	0.00	39.16	0.00	0.00	0.00	0.00	0.00	0.06119	78	20.53
Area B-1	0.00	0.48	11.75	0.00	12.22	0.00	0.00	0.00	0.00	0.00	0.01910	57	10.29
Area B-2	0.03	2.32	31.89	3.50	37.74	0.00	0.00	0.00	0.00	0.00	0.05897	65	15.37
Area C1	2.96	8.78	0.61	0.00	12.35	0.00	0.00	0.00	0.00	0.00	0.01929	84	14.31
Area C2	15.59	22.31	10.32	0.00	48.21	0.00	0.00	0.00	0.00	0.00	0.07533	85	19.06
Totals =	22.27	35.31	88.60	3.50	149.68	0.00	0.00	0.00	0.00	0.00	0.23		

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:
 HSG 'A' = 0.0%
 HSG 'B' = 0.0%
 HSG 'C' = 14.3%
 HSG 'D' = 85.7%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	79	Assume good condition
Wooded	76	Assume good condition

II. PRE-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	160,945	3.69	-
Onsite open	79	62,557	1.44	Assume good condition
Onsite wooded	76	1,482,395	34.03	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	79	0	0.00	Assume good condition
Offsite wooded	76	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 39.16 acres
 1,705,897 sf

Composite SCS CN = 78

% Impervious = 9.4%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
 Top Elev = 292.00 ft
 Bot Elev = 290.00 ft
 Height = 2 ft
 Slope = 0.0200 ft/ft
 Manning's n = 0.40 wooded
 P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 20.54 minutes

Segment 2: Concentrated Flow

Length = 464 ft
 Top Elev = 290.00 ft
 Bot Elev = 238.00 ft
 Height = 52 ft
 Slope = 0.1121 ft/ft
 Paved ? = No
 Velocity = 5.40 ft/sec
Segment Time = 1.43 minutes

Segment 3: Channel Flow

Length = 2223 ft
 Top Elev = 238.00
 Bot Elev = 234.00
 Height = 4 ft
 Slope = 0.0018 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 120.00 sf (assume 30'w x 4'h channel)
 Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
 Channel Velocity = 3.02 ft/sec
Segment Time = 12.26 minutes

Time of Concentration =	34.22	minutes
SCS Lag Time =	20.53	minutes (SCS Lag = 0.6* Tc)
Time Increment =	5.96	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:
 HSG 'A' = 22.4%
 HSG 'B' = 43.6%
 HSG 'C' = 0.0%
 HSG 'D' = 34.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	63	Assume good condition
Wooded	57	Assume good condition

II. PRE-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
<i>Totals</i>	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	0	0.00	-
Onsite open	63	20,805	0.48	Assume good condition
Onsite wooded	57	511,629	11.75	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	63	0	0.00	Assume good condition
Offsite wooded	57	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 12.22 acres
532,434 sf

Composite SCS CN = 57

% Impervious = 0.0%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
 Top Elev = 280.00 ft
 Bot Elev = 272.00 ft
 Height = 8 ft
 Slope = 0.0801 ft/ft
 Manning's n = 0.40 wooded
 P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 11.80 minutes

Segment 2: Concentrated Flow

Length = 910 ft
 Top Elev = 272.00 ft
 Bot Elev = 244.00 ft
 Height = 28 ft
 Slope = 0.0308 ft/ft
 Paved ? = No
 Velocity = 2.83 ft/sec
Segment Time = 5.36 minutes

Time of Concentration =	17.15	minutes
SCS Lag Time =	10.29	minutes (SCS Lag = 0.6 * Tc)
Time Increment =	2.98	minutes (= 0.29 * SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 29.3%
HSG 'B' = 11.9%
HSG 'C' = 0.0%
HSG 'D' = 58.8%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	66	Assume good condition
Wooded	61	Assume good condition

II. PRE-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	1,462	0.03
Totals	1,462	0.03

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	1,462	0.03	-
Onsite open	66	100,987	2.32	Assume good condition
Onsite wooded	61	1,389,068	31.89	Assume good condition
Onsite pond	100	152,416	3.50	-
Offsite impervious	98	0	0.00	-
Offsite open	66	0	0.00	Assume good condition
Offsite wooded	61	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 37.74 acres
1,643,933 sf

Composite SCS CN = 65

% Impervious = 0.1%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
Top Elev = 278.00 ft
Bot Elev = 273.00 ft
Height = 5 ft
Slope = 0.0501 ft/ft
Manning's n = 0.40 wooded
P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 14.24 minutes

Segment 2: Concentrated Flow

Length = 618 ft
Top Elev = 273.00 ft
Bot Elev = 246.00 ft
Height = 27 ft
Slope = 0.0437 ft/ft
Paved ? = No
Velocity = 3.37 ft/sec
Segment Time = 3.05 minutes

Segment 3: Channel Flow

Length = 1612 ft
Top Elev = 246.00
Bot Elev = 234.00
Height = 12 ft
Slope = 0.0074 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 12.00 sf (assume 6'w x 2'h channel)
Wetted Perimeter = 10.00 lf (assume 6' x 2' channel)
Channel Velocity = 3.23 ft/sec
Segment Time = 8.33 minutes

Time of Concentration =	25.62	minutes
SCS Lag Time =	15.37	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.46	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 0.0%
HSG 'B' = 0.0%
HSG 'C' = 0.0%
HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. PRE-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	128,760	2.96	-
Onsite open	80	382,340	8.78	Assume good condition
Onsite wooded	77	26,702	0.61	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 12.35 acres
537,802 sf

Composite SCS CN = 84

% Impervious = 23.9%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
Top Elev = 258.00 ft
Bot Elev = 256.00 ft
Height = 2 ft
Slope = 0.0200 ft/ft
Manning's n = 0.24 dense grasses
P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 13.65 minutes

Segment 2: Concentrated Flow

Length = 75 ft
Top Elev = 256.00 ft
Bot Elev = 252.00 ft
Height = 4 ft
Slope = 0.0533 ft/ft
Paved ? = No
Velocity = 3.73 ft/sec
Segment Time = 0.34 minutes

Segment 3: Concentrated Flow

Length = 157 ft
Top Elev = 252.00 ft
Bot Elev = 251.75 ft
Height = 0 ft
Slope = 0.0016 ft/ft
Paved ? = Yes
Velocity = 0.81 ft/sec
Segment Time = 3.23 minutes

Segment 4: Concentrated Flow

Length = 583 ft
Top Elev = 251.75 ft
Bot Elev = 228.00 ft
Height = 24 ft
Slope = 0.0407 ft/ft
Paved ? = No
Velocity = 3.26 ft/sec
Segment Time = 2.98 minutes

Segment 5: Channel Flow

Length = 789 ft
Top Elev = 228.00 ft
Bot Elev = 226.00 ft
Height = 2 ft
Slope = 0.0025 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 3.59 ft/sec
Segment Time = 3.66 minutes

Time of Concentration =	23.86	minutes
SCS Lag Time =	14.31	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.15	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 0.0%
HSG 'B' = 0.0%
HSG 'C' = 0.0%
HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. PRE-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	678,966	15.59	-
Onsite open	80	971,616	22.31	Assume good condition
Onsite wooded	77	449,545	10.32	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 48.21 acres
2,100,127 sf
Composite SCS CN = 85
% Impervious = 32.3%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
Top Elev = 284.00 ft
Bot Elev = 283.00 ft
Height = 1 ft
Slope = 0.0100 ft/ft
Manning's n = 0.24 dense grasses
P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 18.01 minutes

Segment 2: Concentrated Flow

Length = 508 ft
Top Elev = 283.00 ft
Bot Elev = 250.00 ft
Height = 33 ft
Slope = 0.0650 ft/ft
Paved ? = No
Velocity = 4.11 ft/sec
Segment Time = 2.06 minutes

Segment 2: Concentrated Flow

Length = 190 ft
Top Elev = 250.00 ft
Bot Elev = 249.00 ft
Height = 1 ft
Slope = 0.0053 ft/ft
Paved ? = Yes
Velocity = 1.47 ft/sec
Segment Time = 2.15 minutes

Segment 2: Concentrated Flow

Length = 664 ft
Top Elev = 249.00 ft
Bot Elev = 226.00 ft
Height = 23 ft
Slope = 0.0346 ft/ft
Paved ? = No
Velocity = 3.00 ft/sec
Segment Time = 3.69 minutes

Segment 3: Channel Flow

Length = 1360 ft
Top Elev = 226.00 ft
Bot Elev = 222.00 ft
Height = 4 ft
Slope = 0.0029 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 3.87 ft/sec
Segment Time = 5.86 minutes

Time of Concentration =	31.76	minutes
SCS Lag Time =	19.06	minutes (SCS Lag = 0.6* Tc)
Time Increment =	5.53	minutes (= 0.29*SCS Lag)

REACH DATA

Reach 1 - J_WC_23 to S Saunders

Segment 1: Channel Flow

Length = 917 ft
Top Elev = 234.00 ft
Bot Elev = 230.00 ft
Height = 4 ft
Slope = 0.0044 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 4.71 ft/sec
Reach Travel Time = 3.25 minutes

Total Travel Time = 3.25 minutes

Reach 2 - WCT13_RRXsing to J_WC_23

Segment 1: Channel Flow

Length = 645 ft
Top Elev = 238.00 ft
Bot Elev = 234.00 ft
Height = 4 ft
Slope = 0.0062 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 16.00 sf (assume 8'w x 2'h channel)
Wetted Perimeter = 12.00 lf (assume 8'w x 2'h channel)
Channel Velocity = 3.16 ft/sec
Reach Travel Time = 3.40 minutes

Total Travel Time = 3.40 minutes

Reach 3 - S. Saunders Street to J_WC_22

Segment 1: Channel Flow

Length = 367 ft
Top Elev = 230.00 ft
Bot Elev = 228.00 ft
Height = 2 ft
Slope = 0.0054 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 5.26 ft/sec
Reach Travel Time = 1.16 minutes

Total Travel Time = 1.16 minutes

Reach 4 - WCT12_SSauSt to PL

Segment 1: Channel Flow

Length = 3080 ft
Top Elev = 234.00 ft
Bot Elev = 226.00 ft
Height = 8 ft
Slope = 0.0026 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 16.00 sf (assume 8'w x 2'h channel)
Wetted Perimeter = 12.00 lf (assume 8'w x 2'h channel)
Channel Velocity = 2.04 ft/sec
Reach Travel Time = 25.11 minutes

Total Travel Time = 25.11 minutes

Reach 5 - PL to S. Wilmington Street

Segment 1: Channel Flow

Length = 1101 ft
Top Elev = 226.00 ft
Bot Elev = 222.00 ft
Height = 4 ft
Slope = 0.0036 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 4.30 ft/sec
Reach Travel Time = 4.27 minutes

Total Travel Time = 4.27 minutes

Reach 6 - J_WC_22 to PL

Segment 1: Channel Flow

Length = 1190 ft
Top Elev = 228.00 ft
Bot Elev = 225.00 ft
Height = 3 ft
Slope = 0.0025 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 3.58 ft/sec
Reach Travel Time = 5.54 minutes

Total Travel Time = 5.54 minutes

Reach 7 - S. Wilmington Street to Slate Street

Tc determined to S Slate Street = 322 min.
Tc determined to S Wilmington Street = 294 min.
Difference Between = 28 min.

Total Travel Time = 28.00 minutes

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_21

Description: WC_21

Downstream: J_WC_21

Area (MI2) 0.07602

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_21

Initial Abstraction (IN)

Curve Number 79.3

Impervious (%) 0.0

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_21

Lag Time (MIN) 23.74

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_22

Description: WC_22

Downstream: J_WC_22

Area (MI2) 0.04987

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_22

Initial Abstraction (IN)

Curve Number 90.69

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_22

Lag Time (MIN) 9.85

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_23

Description: 

Downstream: 

Area (MI2)

Loss Method:

Transform Method:

Baseflow Method:

 Subbasin | Loss | Transform | Options


Basin Name: Existing Walnut Creek

Element Name: WC_23

Initial Abstraction (IN)

Curve Number

Impervious (%)

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WC_23

Lag Time (MIN)

 Subbasin | Loss | Transform | Options |

Basin Name: Existing Walnut Creek

Element Name: WCT12_2

Description:

Downstream:

Area (MI2)

Loss Method:

Transform Method:

Baseflow Method:

 Subbasin | Loss | Transform | Options |

Basin Name: Existing Walnut Creek

Element Name: WCT12_2

Initial Abstraction (IN)

Curve Number


Impervious (%)

 Subbasin | Loss | Transform | Options |

Basin Name: Existing Walnut Creek

Element Name: WCT12_2

Lag Time (MIN)

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WCT13_1

Description: 

Downstream: 

Area (MI2)

Loss Method:

Transform Method:

Baseflow Method:

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WCT13_1

Initial Abstraction (IN)

Curve Number

Impervious (%)

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: WCT13_1

Lag Time (MIN)

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC2

Description:

Downstream: J_WC_21

Area (MI2) 0.099

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC2

Initial Abstraction (IN)

Curve Number 85

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC2

Lag Time (MIN) 19.06

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC1

Description:

Downstream: J_WVC_22

Area (MI2) 0.0193

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC1

Initial Abstraction (IN)


Curve Number 84

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaC1

Lag Time (MIN) 14.31

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: AreaA

Description:


Downstream:

Area (MI2):

Loss Method:

Transform Method:

Baseflow Method:

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: AreaA

Initial Abstraction (IN)

Curve Number

Impervious (%)

 Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek

Element Name: AreaA

Lag Time (MIN)

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB2

Description:

Downstream:

Area (MI2)

Loss Method:

Transform Method:

Baseflow Method:

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB2

Initial Abstraction (IN)

Curve Number

Impervious (%)

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB2

Lag Time (MIN)

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB1

Description:

Downstream: WCT13_RRXsing

Area (MI2) 0.019

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB1

Initial Abstraction (IN)

Curve Number 57

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Existing Walnut Creek
Element Name: AreaB1

Lag Time (MIN) 10.29

NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

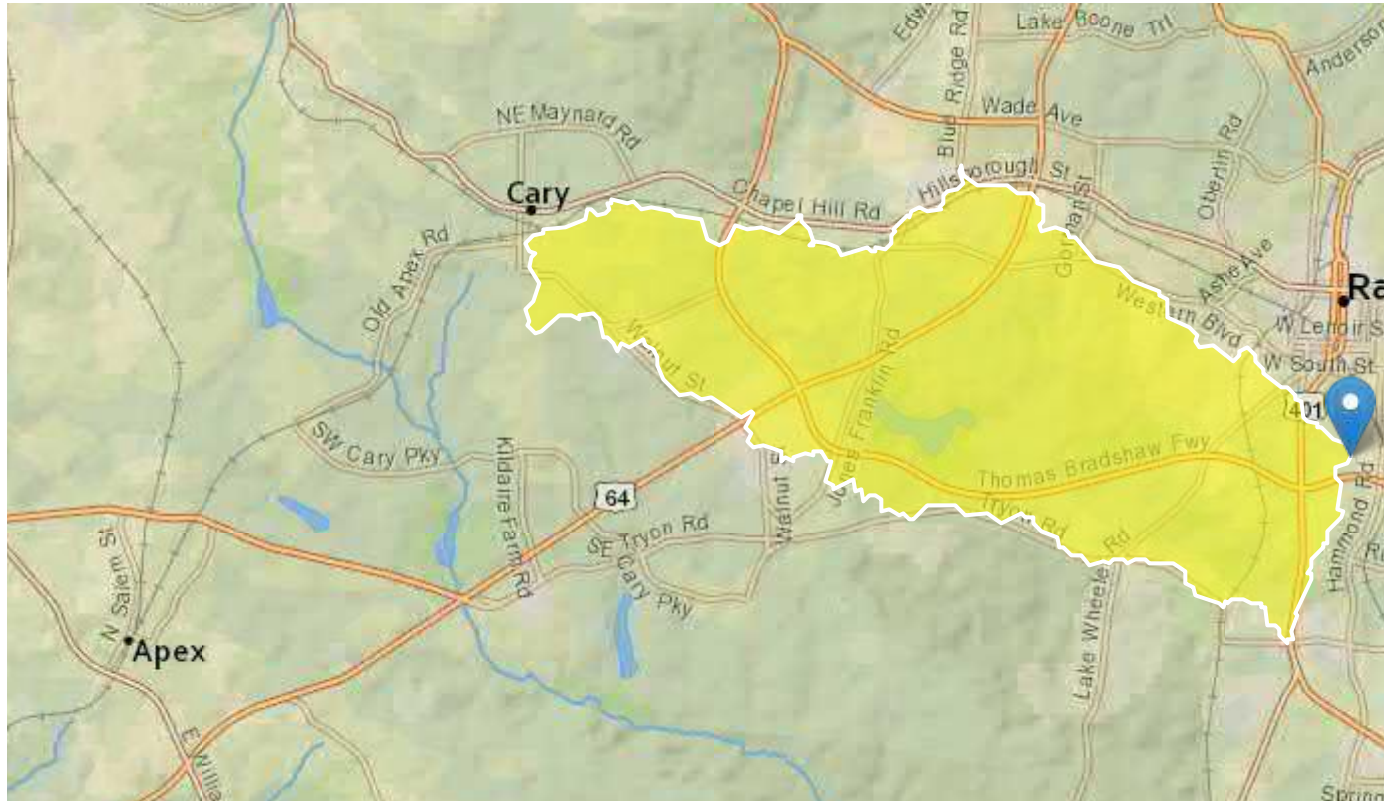
StreamStats Report - Walnut Creek at S. Wilmington St.

Region ID: NC

Workspace ID: NC20201026140147216000

Clicked Point (Latitude, Longitude): 35.75706, -78.64089

Time: 2020-10-26 10:02:04 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	17.2	square miles
LC06IMP	Percentage of impervious area determined from NLCD 2006 impervious dataset	20.6	percent
BASINPERIM	Perimeter of the drainage basin as defined in SIR 2004-5262	33.4	miles
BSLDEM30FT	Mean basin slope, based on slope percent grid	7.29	percent

Parameter Code	Parameter Description	Value	Unit
CSL10_85fm	Change in elevation between points 10 and 85 percent of length along main channel to basin divide divided by length between points ft per mi	21.95	feet per mi
ELEV	Mean Basin Elevation	389	feet
ELEVMAX	Maximum basin elevation	521	feet
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	6.77	inches
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0.16	percent
LC01CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2001	1.574	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	77.218	percent
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	17.565	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0.594	percent
LC01IMP	Percent imperviousness of basin area 2001 NLCD	19.37	percent
LC01SHRUB	Percent of area covered by shrubland using 2001 NLCD	0.149	percent
LC01WATER	Percentage of open water, class 11, from NLCD 2001	2.059	percent
LC01WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2001	0.68	percent
LC06BARE	Percent of area covered by barren rock using 2006 NLCD	0.075	percent
LC06DEV	Percentage of land-use from NLCD 2006 classes 21-24	78.398	percent
LC06FOREST	Percentage of forest from NLCD 2006 classes 41-43	16.189	percent
LC06GRASS	Percent of area covered by grassland/herbaceous using 2006 NLCD	1.186	percent
LC06PLANT	Percent of area in cultivation using 2006 NLCD	1.301	percent
LC06SHRUB	Percent of area covered by shrubland using 2006 NLCD	0.112	percent
LC06WATER	Percent of open water, class 11, from NLCD 2006	2.059	percent
LC06WETLND	Percent of area covered by wetland using 2006 NLCD	0.68	percent
LC11BARE	Percentage of barren from NLCD 2011 class 31	0.097	percent
LC11CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2011	1.254	percent
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	80.2	percent

Parameter Code	Parameter Description	Value	Unit
LC11FOREST	Percentage of forest from NLCD 2011 classes 41-43	14.792	percent
LC11GRASS	Percent of area covered by grassland/herbaceous using 2011 NLCD	0.85	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	21.8	percent
LC11SHRUB	Percent of area covered by shrubland using 2011 NLCD	0.153	percent
LC11WATER	Percent of open water, class 11, from NLCD 2011	2.054	percent
LC11WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2011	0.634	percent
LC92FOREST	Percentage of forest from NLCD 1992 classes 41-43	31.781	percent
LFPLENGTH	Length of longest flow path	11.591	miles
LU92BARE	Percent of area covered by barren rock using 1992 NLCD	6.218	percent
LU92DEV	Percent of area covered by all densities of developed land using 1992 NLCD	55.99	percent
LU92PLANT	Percent of area in cultivation using 1992 NLCD	2.65	percent
LU92WATER	Percent of area covered by water using 1992 NLCD	2.379	percent
LU92WETLN	Percent of area covered by wetland using 1992 NLCD	0.982	percent
MINBELEV	Minimum basin elevation	224	feet
OUTLETELEV	Elevation of the stream outlet in feet above NAVD88	232	feet
PCTREG1	Percentage of drainage area located in Region 1	100	percent
PCTREG2	Percentage of drainage area located in Region 2	0	percent
PCTREG3	Percentage of drainage area located in Region 3	0	percent
PCTREG4	Percentage of drainage area located in Region 4	0	percent
PCTREG5	Percentage of drainage area located in Region 5	0	percent
PRECIP	Mean Annual Precipitation	46.8	inches
PROTECTED	Percent of area of protected Federal and State owned land	0	percent
SSURGOA	Percentage of area of Hydrologic Soil Type A from SSURGO	0	percent
SSURGOB	Percentage of area of Hydrologic Soil Type B from SSURGO	86.1	percent
SSURGOC	Percentage of area of Hydrologic Soil Type C from SSURGO	6.88	percent
SSURGOD	Percentage of area of Hydrologic Soil Type D from SSURGO	4.61	percent

Urban Peak-Flow Statistics Parameters[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	17.2	square miles	3	436
LC06IMP	Percent Impervious NLCD2006	20.6	percent	0	47.9

Urban Peak-Flow Statistics Flow Report[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	Plu	SEp
Urban 2 Year Peak Flood	1630	ft ³ /s	851	3120	34.4
Urban 5 Year Peak Flood	2510	ft ³ /s	1380	4580	31.4
Urban 10 Year Peak Flood	3110	ft ³ /s	1730	5580	30.7
Urban 25 Year Peak Flood	3870	ft ³ /s	2120	7080	31.4
Urban 50 Year Peak Flood	4430	ft ³ /s	2380	8250	32.4
Urban 100 Year Peak Flood	4970	ft ³ /s	2580	9580	34.2
Urban 200 Year Peak Flood	5550	ft ³ /s	2790	11000	35.8
Urban 500 Year Peak Flood	6290	ft ³ /s	3020	13100	38.7

Urban Peak-Flow Statistics Citations

Feaster, T.D., Gotvald, A.J., and Weaver, J.C., 2014, Methods for estimating the magnitude and frequency of floods for urban and small, rural streams in Georgia, South Carolina, and North Carolina, 2011 (ver. 1.1, March 2014): U.S. Geological Survey Scientific Investigations Report 2014-5030, 104 p. (<http://pubs.usgs.gov/sir/2014/5030/>)

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USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.4.0

NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

Wilmington Street

Time of Concentration for Walnut Creek at S. Wilmington St.

Flow Length	11.591	miles
	61200.5	feet
Upstream Elevation	521	feet
Downstream Elevation	224	feet
Elev Change	297	feet
Slope	0.00485	ft/ft
Kirpich Tc	294	minutes
	4.9	hours
Total Drainage Area	17.2	sq mi

Time of Concentration for Downtown South Site to S. Wilmington St.

Time	39	minutes
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FEMA Preliminary FIS Data: (Q100 = 4,835 cfs)

Summary of Discharges

Flooding Source		Discharges (cfs)			
Location	Drainage Area (square miles)	10% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
- Rocky Branch (Basin 30, Stream 5)					
Hydrologic node located at 35.7574, -78.6384	3.15	2017	2883	3206	3971
Hydrologic node located at 35.7584, -78.6396	3.10	2008	2871	3193	3956
- Walnut Creek (Basin 30, Stream 3)					
Hydrologic node located at 35.7566, -78.6351	20.50	4665	6682	7443	8855
Hydrologic node located at 35.7572, -78.6383	17.32	2753	4079	4835	6285
Hydrologic node located at 35.7544, -78.6448	16.01	2466	3867	4580	6077
- Wildcat Branch (Basin 30, Stream 4)					

NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

Walnut Creek Drainage to Rochester Heights

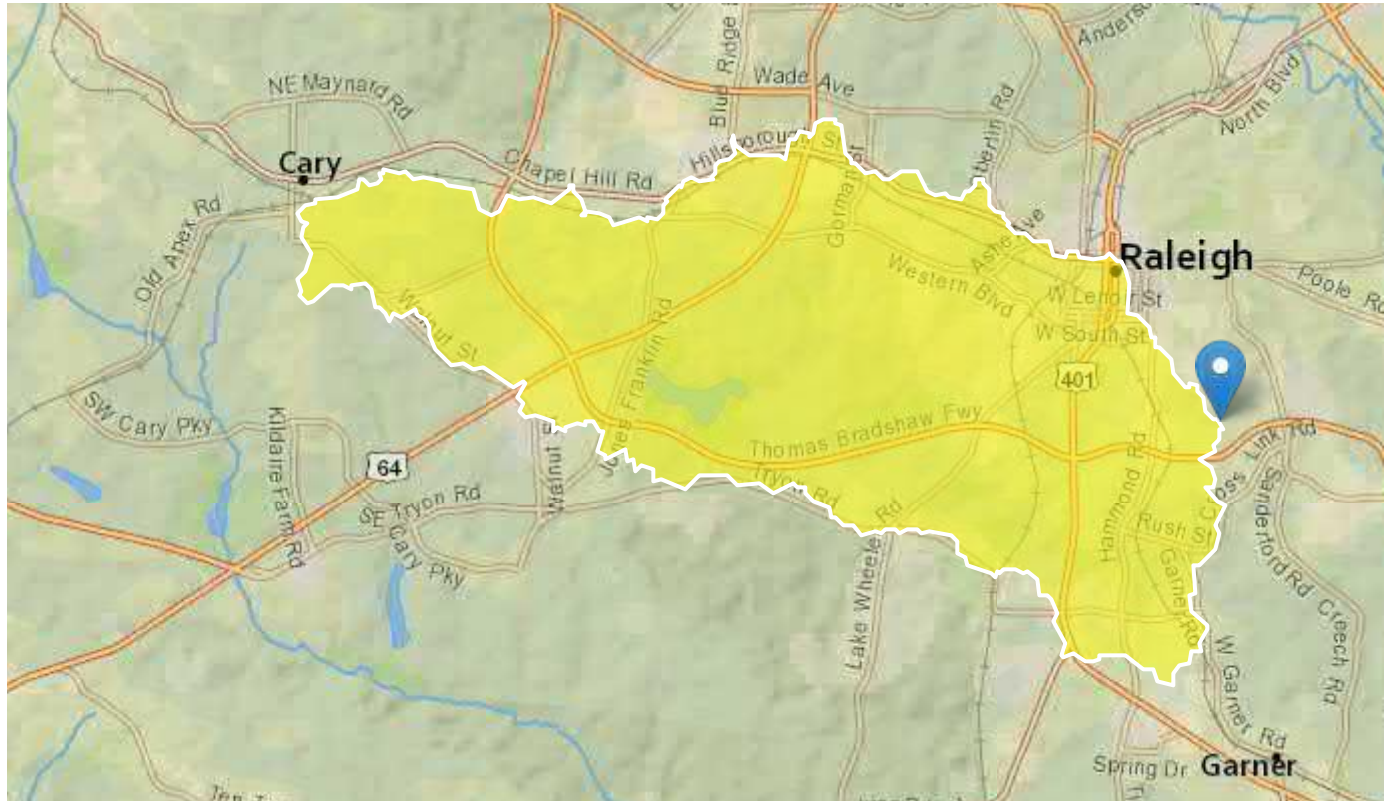
Subdivision

Region ID: NC

Workspace ID: NC20201027120008825000

Clicked Point (Latitude, Longitude): 35.75781, -78.62413

Time: 2020-10-27 08:00:28 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	23.4	square miles
LC06IMP	Percentage of impervious area determined from NLCD 2006 impervious dataset	23.28	percent
BASINPERIM	Perimeter of the drainage basin as defined in SIR 2004-5262	39.8	miles
BSLDEM30FT	Mean basin slope, based on slope percent grid	7.1	percent

Parameter Code	Parameter Description	Value	Unit
CSL10_85fm	Change in elevation between points 10 and 85 percent of length along main channel to basin divide divided by length between points ft per mi	21.11	feet per mi
ELEV	Mean Basin Elevation	372	feet
ELEVMAX	Maximum basin elevation	521	feet
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	6.78	inches
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0.118	percent
LC01CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2001	1.768	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	80.105	percent
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	14.938	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0.605	percent
LC01IMP	Percent imperviousness of basin area 2001 NLCD	21.91	percent
LC01SHRUB	Percent of area covered by shrubland using 2001 NLCD	0.119	percent
LC01WATER	Percentage of open water, class 11, from NLCD 2001	1.554	percent
LC01WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2001	0.793	percent
LC06BARE	Percent of area covered by barren rock using 2006 NLCD	0.155	percent
LC06DEV	Percentage of land-use from NLCD 2006 classes 21-24	81.051	percent
LC06FOREST	Percentage of forest from NLCD 2006 classes 41-43	13.806	percent
LC06GRASS	Percent of area covered by grassland/herbaceous using 2006 NLCD	0.994	percent
LC06PLANT	Percent of area in cultivation using 2006 NLCD	1.566	percent
LC06SHRUB	Percent of area covered by shrubland using 2006 NLCD	0.091	percent
LC06WATER	Percent of open water, class 11, from NLCD 2006	1.554	percent
LC06WETLND	Percent of area covered by wetland using 2006 NLCD	0.783	percent
LC11BARE	Percentage of barren from NLCD 2011 class 31	0.087	percent
LC11CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2011	1.514	percent
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	82.6	percent

Parameter Code	Parameter Description	Value	Unit
LC11FOREST	Percentage of forest from NLCD 2011 classes 41-43	12.601	percent
LC11GRASS	Percent of area covered by grassland/herbaceous using 2011 NLCD	0.742	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	24.6	percent
LC11SHRUB	Percent of area covered by shrubland using 2011 NLCD	0.122	percent
LC11WATER	Percent of open water, class 11, from NLCD 2011	1.549	percent
LC11WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2011	0.747	percent
LC92FOREST	Percentage of forest from NLCD 1992 classes 41-43	27.936	percent
LFPLENGTH	Length of longest flow path	12.672	miles
LU92BARE	Percent of area covered by barren rock using 1992 NLCD	7.105	percent
LU92DEV	Percent of area covered by all densities of developed land using 1992 NLCD	59.108	percent
LU92PLANT	Percent of area in cultivation using 1992 NLCD	2.747	percent
LU92WATER	Percent of area covered by water using 1992 NLCD	1.814	percent
LU92WETLN	Percent of area covered by wetland using 1992 NLCD	1.29	percent
MINBELEV	Minimum basin elevation	213	feet
OUTLETELEV	Elevation of the stream outlet in feet above NAVD88	213	feet
PCTREG1	Percentage of drainage area located in Region 1	100	percent
PCTREG2	Percentage of drainage area located in Region 2	0	percent
PCTREG3	Percentage of drainage area located in Region 3	0	percent
PCTREG4	Percentage of drainage area located in Region 4	0	percent
PCTREG5	Percentage of drainage area located in Region 5	0	percent
PRECIP	Mean Annual Precipitation	46.8	inches
PROTECTED	Percent of area of protected Federal and State owned land	0	percent
SSURGOA	Percentage of area of Hydrologic Soil Type A from SSURGO	0	percent
SSURGOB	Percentage of area of Hydrologic Soil Type B from SSURGO	86.5	percent
SSURGOC	Percentage of area of Hydrologic Soil Type C from SSURGO	6.72	percent
SSURGOD	Percentage of area of Hydrologic Soil Type D from SSURGO	4.86	percent

Urban Peak-Flow Statistics Parameters[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	23.4	square miles	3	436
LC06IMP	Percent Impervious NLCD2006	23.28	percent	0	47.9

Urban Peak-Flow Statistics Flow Report[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	Plu	SEp
Urban 2 Year Peak Flood	2080	ft ³ /s	1080	3990	34.4
Urban 5 Year Peak Flood	3120	ft ³ /s	1710	5700	31.4
Urban 10 Year Peak Flood	3830	ft ³ /s	2130	6880	30.7
Urban 25 Year Peak Flood	4720	ft ³ /s	2580	8640	31.4
Urban 50 Year Peak Flood	5360	ft ³ /s	2870	NaN	32.4
Urban 100 Year Peak Flood	5970	ft ³ /s	3090	11500	34.2
Urban 200 Year Peak Flood	6630	ft ³ /s	3330	13200	35.8
Urban 500 Year Peak Flood	7450	ft ³ /s	3570	15500	38.7

Urban Peak-Flow Statistics Citations

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NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

Rochester Heights
Time of Concentration for Walnut Creek at Rochester Subdivision

Flow Length	12.672	miles
	66908.2	feet
Upstream Elevation	521	feet
Downstream Elevation	213	feet
Elev Change	308	feet
Slope	0.0046	ft/ft
Kirpich Tc	322	minutes
	5.4	hours
Total Drainage Area	23.4	sq mi

Time of Concentration for Downtown South Site to Rochester Heights subdivision

Time	67	minutes
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**FEMA Preliminary FIS Data: (Q100 = 9,159 cfs)**

Flooding Source		Discharges (cfs)			
Location	Drainage Area (square miles)	10% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
- Rocky Branch (Basin 30, Stream 5)					
Hydrologic node located at 35.7574, -78.6384	3.15	2017	2883	3206	3971
Hydrologic node located at 35.7584, -78.6396	3.10	2008	2871	3193	3956
- Unnamed Stream					
Hydrologic node located at 35.7579, -78.6242	1.02	1356	1969	2226	2704
Hydrologic node located at 35.7574, -78.6296	0.45	536	874	1009	1273
Hydrologic node located at 35.7635, -78.613	0.33	460	660	727	826
- Walnut Creek (Basin 30, Stream 1)					
Hydrologic node located at 35.763, -78.6131	25.19	4673	7077	8290	11019
Hydrologic node located at 35.7622, -78.6137	25.16	4672	7076	8294	11034
Hydrologic node located at 35.7594, -78.6179	24.63	4893	7398	8704	11150
Hydrologic node located at 35.7578, -78.6239	23.49	5307	7985	9159	11158

NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

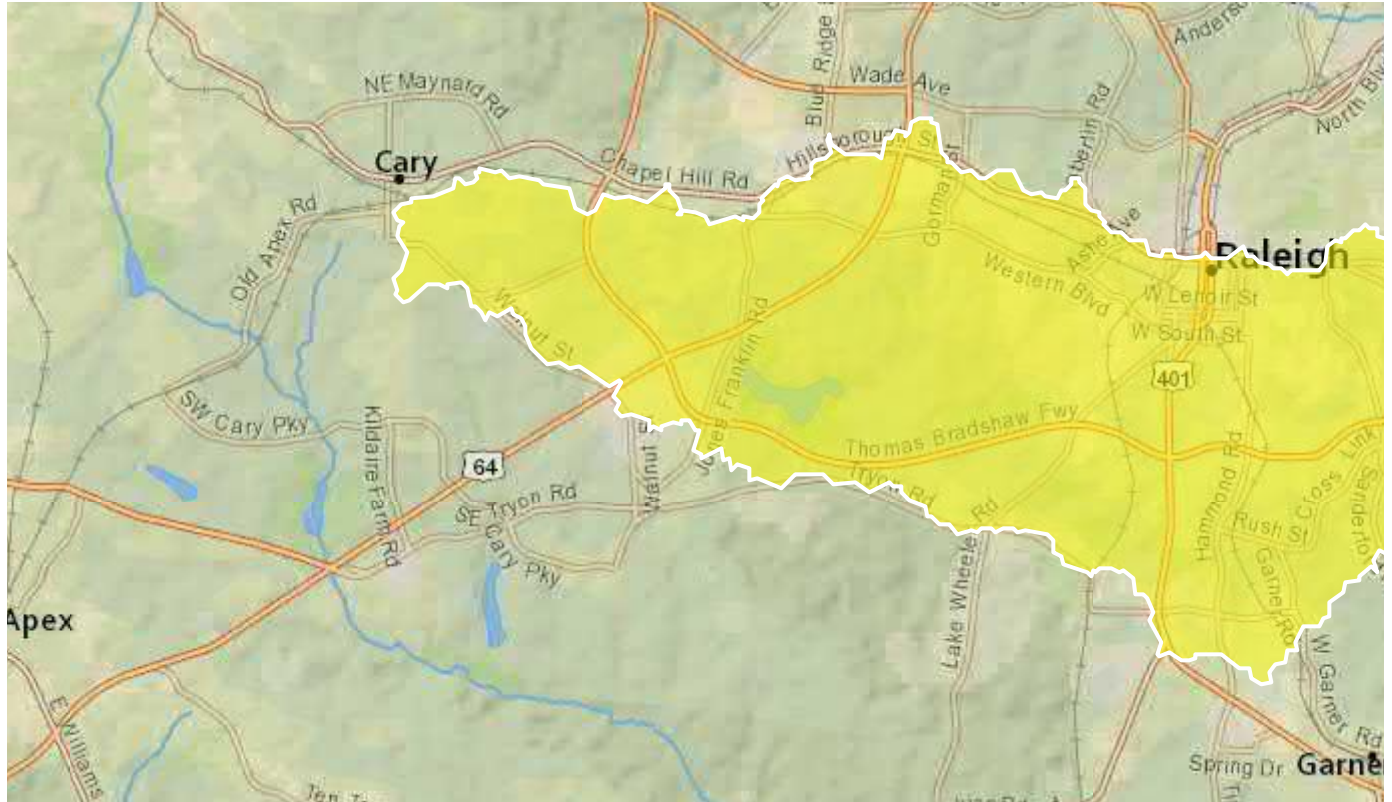
StreamStats Report - Walnut Creek at Rose Ln.

Region ID: NC

Workspace ID: NC20201111201403322000

Clicked Point (Latitude, Longitude): 35.76022, -78.60025

Time: 2020-11-11 15:14:22 -0500



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	28.2	square miles
LC06IMP	Percentage of impervious area determined from NLCD 2006 impervious dataset	22.79	percent
BASINPERIM	Perimeter of the drainage basin as defined in SIR 2004-5262	44.4	miles
BSLDEM30FT	Mean basin slope, based on slope percent grid	6.93	percent

Parameter Code	Parameter Description	Value	Unit
CSL10_85fm	Change in elevation between points 10 and 85 percent of length along main channel to basin divide divided by length between points ft per mi	19.24	feet per mi
ELEV	Mean Basin Elevation	356	feet
ELEVMAX	Maximum basin elevation	521	feet
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	6.8	inches
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0.135	percent
LC01CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2001	1.66	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	80.615	percent
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	14.167	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0.671	percent
LC01IMP	Percent imperviousness of basin area 2001 NLCD	21.39	percent
LC01SHRUB	Percent of area covered by shrubland using 2001 NLCD	0.099	percent
LC01WATER	Percentage of open water, class 11, from NLCD 2001	1.345	percent
LC01WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2001	1.307	percent
LC06BARE	Percent of area covered by barren rock using 2006 NLCD	0.128	percent
LC06DEV	Percentage of land-use from NLCD 2006 classes 21-24	81.781	percent
LC06FOREST	Percentage of forest from NLCD 2006 classes 41-43	13.035	percent
LC06GRASS	Percent of area covered by grassland/herbaceous using 2006 NLCD	0.941	percent
LC06PLANT	Percent of area in cultivation using 2006 NLCD	1.395	percent
LC06SHRUB	Percent of area covered by shrubland using 2006 NLCD	0.076	percent
LC06WATER	Percent of open water, class 11, from NLCD 2006	1.345	percent
LC06WETLND	Percent of area covered by wetland using 2006 NLCD	1.299	percent
LC11BARE	Percentage of barren from NLCD 2011 class 31	0.09	percent
LC11CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2011	1.31	percent
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	83.2	percent

Parameter Code	Parameter Description	Value	Unit
LC11FOREST	Percentage of forest from NLCD 2011 classes 41-43	11.857	percent
LC11GRASS	Percent of area covered by grassland/herbaceous using 2011 NLCD	0.833	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	24.1	percent
LC11SHRUB	Percent of area covered by shrubland using 2011 NLCD	0.101	percent
LC11WATER	Percent of open water, class 11, from NLCD 2011	1.342	percent
LC11WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2011	1.268	percent
LC92FOREST	Percentage of forest from NLCD 1992 classes 41-43	27.363	percent
LFPLENGTH	Length of longest flow path	14.489	miles
LU92BARE	Percent of area covered by barren rock using 1992 NLCD	5.887	percent
LU92DEV	Percent of area covered by all densities of developed land using 1992 NLCD	60.367	percent
LU92PLANT	Percent of area in cultivation using 1992 NLCD	2.903	percent
LU92WATER	Percent of area covered by water using 1992 NLCD	1.532	percent
LU92WETLN	Percent of area covered by wetland using 1992 NLCD	1.948	percent
MINBELEV	Minimum basin elevation	199	feet
OUTLETELEV	Elevation of the stream outlet in feet above NAVD88	200	feet
PCTREG1	Percentage of drainage area located in Region 1	100	percent
PCTREG2	Percentage of drainage area located in Region 2	0	percent
PCTREG3	Percentage of drainage area located in Region 3	0	percent
PCTREG4	Percentage of drainage area located in Region 4	0	percent
PCTREG5	Percentage of drainage area located in Region 5	0	percent
PRECIP	Mean Annual Precipitation	46.8	inches
PROTECTED	Percent of area of protected Federal and State owned land	0	percent
SSURGOA	Percentage of area of Hydrologic Soil Type A from SSURGO	0	percent
SSURGOB	Percentage of area of Hydrologic Soil Type B from SSURGO	86.1	percent
SSURGOC	Percentage of area of Hydrologic Soil Type C from SSURGO	6.94	percent
SSURGOD	Percentage of area of Hydrologic Soil Type D from SSURGO	5.3	percent

Urban Peak-Flow Statistics Parameters[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	28.2	square miles	3	436
LC06IMP	Percent Impervious NLCD2006	22.79	percent	0	47.9

Urban Peak-Flow Statistics Flow Report[Region 1 Piedmont Urban over 3 sqmi 2014 5030]

PII: Prediction Interval-Lower, Plu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	Plu	SEp
Urban 2 Year Peak Flood	2280	ft ³ /s	1190	4370	34.4
Urban 5 Year Peak Flood	3440	ft ³ /s	1880	6280	31.4
Urban 10 Year Peak Flood	4220	ft ³ /s	2350	7580	30.7
Urban 25 Year Peak Flood	5200	ft ³ /s	2840	9520	31.4
Urban 50 Year Peak Flood	5910	ft ³ /s	3170	11000	32.4
Urban 100 Year Peak Flood	6580	ft ³ /s	3410	12700	34.2
Urban 200 Year Peak Flood	7310	ft ³ /s	3670	14600	35.8
Urban 500 Year Peak Flood	8220	ft ³ /s	3940	17100	38.7

Urban Peak-Flow Statistics Citations

Feaster, T.D., Gotvald, A.J., and Weaver, J.C., 2014, Methods for estimating the magnitude and frequency of floods for urban and small, rural streams in Georgia, South Carolina, and North Carolina, 2011 (ver. 1.1, March 2014): U.S. Geological Survey Scientific Investigations Report 2014-5030, 104 p. (<http://pubs.usgs.gov/sir/2014/5030/>)

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Application Version: 4.4.0

NOTE:

USGS StreamStats information was utilized as an additional check in Existing Condition Analysis 3, to further verify the accuracy of the existing condition model calibration.

Rose Ln.

**Time of Concentration for Walnut Creek at
Rose Ln**

Flow Length	14.489	miles
	76501.9	feet
Upstream Elevation	521	feet
Downstream Elevation	199	feet
Elev Change	322	feet
Slope	0.00421	ft/ft
Kirpich Tc	369	minutes
	6.2	hours
Total Drainage Area	23.4	sq mi

**Time of Concentration for Downtown South Site to
Rose Ln.**

Time	114	minutes
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FEMA Preliminary FIS Data: (Q100 = 8,376 cfs)

Flooding Source		Discharges (cfs)			
Location	Drainage Area (square miles)	10% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
- Unnamed Stream					
Hydrologic node located at 35.7608, -78.6041	1.58	1300	1925	2215	2584
Hydrologic node located at 35.7627, -78.6029	0.37	479	763	882	1104
- Walnut Creek (Basin 30, Stream 1)					
Hydrologic node located at 35.7626, -78.6026	27.89	4791	7253	8376	10938
Hydrologic node located at 35.7628, -78.6048	26.31	4671	7075	8161	10644

APPENDIX 2:
PROPOSED CONDITION WITHOUT DETENTION



MCADAMS

The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

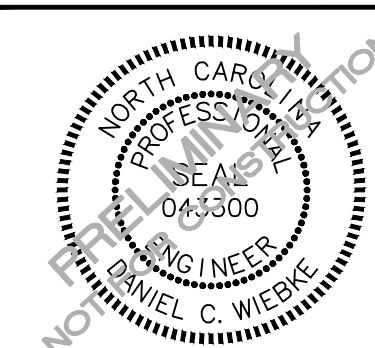
www.mcadamsco.com

CLIENT

KANE REALTY CORPORATION
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250 RALEIGH, NC 27609



**DOWNTOWN SOUTH
DOWNSTREAM ANALYSIS**
RALEIGH, NORTH CAROLINA, 27603



REVISIONS

NO. DATE

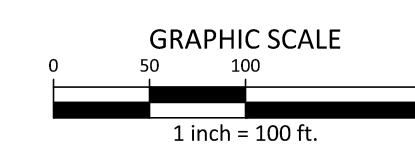
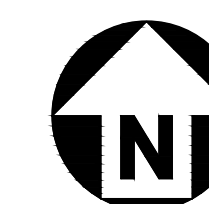
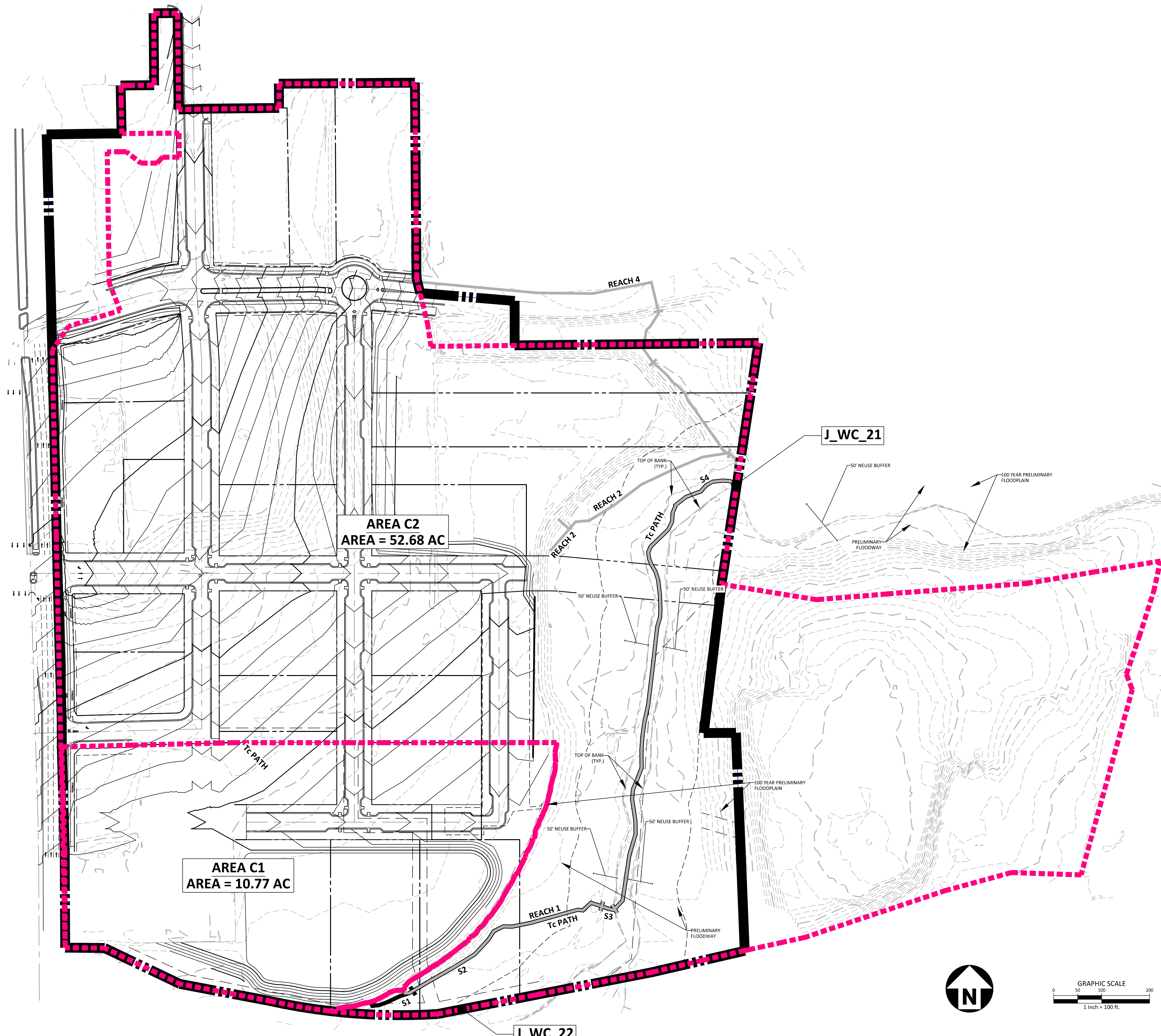
PLAN INFORMATION

PROJECT NO. KAN-19020
FILENAME KAN19020 - POST
CHECKED BY DCW
DRAWN BY EAM
SCALE 1" = 100'
DATE 12.09.2021

SHEET

POST-DEVELOPMENT
DRAINAGE AREA MAP

UNDETAINED



I:\Projects\KAN\KAN-19020\Storm\Master Downstream Analysis\2021.12.09 Report\Current Drawings\KAN19020 - POST.dwg, 12/9/2021 2:23:25 PM, Lauryn Kubicki

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

POST-DEVELOPMENT HYDROLOGY
Summary

HYDROLOGY INPUT SUMMARY

Sub-basin ID	Onsite Area [acres]					Offsite Area [acres]					Total Area [acres]	SCS CN	Tc [min]
	Impervious	Open	Wooded	Pond	Total	Impervious	Open	Wooded	Pond	Total			
Area A	1.92	0.32	34.03	0.00	36.27	0.00	0.00	0.00	0.00	0.00	36.27	77	34.22
Area B-1	0.00	0.48	11.75	0.00	12.22	0.00	0.00	0.00	0.00	0.00	12.22	57	17.15
Area B-2	0.03	2.32	31.89	3.50	37.74	0.00	0.00	0.00	0.00	0.00	37.74	65	25.62
Area C1	10.77	0.00	0.00	0.00	10.77	0.00	0.00	0.00	0.00	0.00	10.77	65	23.86
Area C2	35.00	7.36	10.32	0.00	52.68	0.00	0.00	0.00	0.00	0.00	52.68	98	0.00
Totals =	47.72	10.48	87.99	3.50	149.68	0.00	0.00	0.00	0.00	0.00	149.68		

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:
 HSG 'A' = 0.0%
 HSG 'B' = 0.0%
 HSG 'C' = 14.3%
 HSG 'D' = 85.7%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	79	Assume good condition
Wooded	76	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	83,594	1.92	-
Onsite open	79	14,036	0.32	Assume good condition
Onsite wooded	76	1,482,395	34.03	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	79	0	0.00	Assume good condition
Offsite wooded	76	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 36.27 acres
 1,580,025 sf
 0.05668 mi²

Composite SCS CN = 77
 % Impervious = 5.3%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
 Top Elev = 292.00 ft
 Bot Elev = 290.00 ft
 Height = 2 ft
 Slope = 0.0200 ft/ft
 Manning's n = 0.40 wooded
 P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 20.54 minutes

Segment 2: Concentrated Flow

Length = 464 ft
 Top Elev = 290.00 ft
 Bot Elev = 238.00 ft
 Height = 52 ft
 Slope = 0.1121 ft/ft
 Paved ? = No
 Velocity = 5.40 ft/sec
Segment Time = 1.43 minutes

Segment 3: Channel Flow

Length = 2223 ft
 Top Elev = 238.00 ft
 Bot Elev = 234.00 ft
 Height = 4 ft
 Slope = 0.0018 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 120.00 sf (assume 30'w x 4'h channel)
 Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
 Channel Velocity = 3.02 ft/sec
Segment Time = 12.26 minutes

Time of Concentration =	34.22	minutes
SCS Lag Time =	20.53	minutes (SCS Lag = 0.6* Tc)
Time Increment =	5.96	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:

HSG 'A' =	22.4%
HSG 'B' =	43.6%
HSG 'C' =	0.0%
HSG 'D' =	34.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	63	Assume good condition
Wooded	57	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	0	0.00	-
Onsite open	63	20,805	0.48	Assume good condition
Onsite wooded	57	511,629	11.75	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	63	0	0.00	Assume good condition
Offsite wooded	57	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area =	12.22	acres
	532,434	sf
	0.01910	mi ²
Composite SCS CN =	57	
% Impervious =	0.0%	

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length =	100	ft
Top Elev =	280.00	ft
Bot Elev =	272.00	ft
Height =	8	ft
Slope =	0.0801	ft/ft
Manning's n =	0.40	wooded
P (2-year/24-hour) =	3.49	inches (Raleigh, NC)
Segment Time =	11.80	minutes

Segment 2: Concentrated Flow

Length =	910	ft
Top Elev =	272.00	ft
Bot Elev =	244.00	ft
Height =	28	ft
Slope =	0.0308	ft/ft
Paved ? =	No	
Velocity =	2.83	ft/sec
Segment Time =	5.36	minutes

Time of Concentration =	17.15	minutes
SCS Lag Time =	10.29	minutes (SCS Lag = 0.6* Tc)
Time Increment =	2.98	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 29.3%
HSG 'B' = 11.9%
HSG 'C' = 0.0%
HSG 'D' = 58.8%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	66	Assume good condition
Wooded	61	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	1,462	0.03
Totals	1,462	0.03

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	1,462	0.03	-
Onsite open	66	100,987	2.32	Assume good condition
Onsite wooded	61	1,389,068	31.89	Assume good condition
Onsite pond	100	152,416	3.50	-
Offsite impervious	98	0	0.00	-
Offsite open	66	0	0.00	Assume good condition
Offsite wooded	61	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 37.74 acres
1,643,933 sf
0.05897 mi²

Composite SCS CN = 65
% Impervious = 0.1%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
Top Elev = 278.00 ft
Bot Elev = 273.00 ft
Height = 5 ft
Slope = 0.0501 ft/ft
Manning's n = 0.40 wooded
P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 14.24 minutes

Segment 2: Concentrated Flow

Length = 618 ft
Top Elev = 273.00 ft
Bot Elev = 246.00 ft
Height = 27 ft
Slope = 0.0437 ft/ft
Paved ? = No
Velocity = 3.37 ft/sec
Segment Time = 3.05 minutes

Segment 3: Channel Flow

Length = 1612 ft
Top Elev = 246.00 ft
Bot Elev = 234.00 ft
Height = 12 ft
Slope = 0.0074 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 12.00 sf (assume 6'w x 2'h channel)
Wetted Perimeter = 10.00 lf (assume 6' x 2' channel)
Channel Velocity = 3.23 ft/sec
Segment Time = 8.33 minutes

Time of Concentration =	25.62	minutes
SCS Lag Time =	15.37	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.46	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 0.0%
HSG 'B' = 0.0%
HSG 'C' = 0.0%
HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	468,955	10.77	-
Onsite open	80	0	0.00	Assume good condition
Onsite wooded	77	0	0.00	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 10.77 acres
468,955 sf
0.01682 mi²
Composite SCS CN = 98
% Impervious = 100.0%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
Top Elev = 258.00 ft
Bot Elev = 256.00 ft
Height = 2 ft
Slope = 0.0200 ft/ft
Manning's n = 0.24 dense grasses
P (2-year/24-hour) = 3.49 inches (Raleigh, NC)
Segment Time = 3.65 minutes

Segment 2: Concentrated Flow

Length = 75 ft
Top Elev = 256.00 ft
Bot Elev = 252.00 ft
Height = 4 ft
Slope = 0.0533 ft/ft
Paved ? = No
Velocity = 3.73 ft/sec
Segment Time = 0.34 minutes

Segment 3: Concentrated Flow

Length = 157 ft
Top Elev = 252.00 ft
Bot Elev = 251.75 ft
Height = 0 ft
Slope = 0.0016 ft/ft
Paved ? = Yes
Velocity = 0.81 ft/sec
Segment Time = 3.23 minutes

Segment 4: Concentrated Flow

Length = 583 ft
Top Elev = 251.75 ft
Bot Elev = 228.00 ft
Height = 24 ft
Slope = 0.0407 ft/ft
Paved ? = No
Velocity = 3.26 ft/sec
Segment Time = 2.98 minutes

Segment 5: Channel Flow

Length = 789 ft
Top Elev = 228.00 ft
Bot Elev = 226.00 ft
Height = 2 ft
Slope = 0.0025 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 3.59 ft/sec
Segment Time = 3.66 minutes

Time of Concentration =	23.86	minutes
SCS Lag Time =	14.31	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.15	minutes (= 0.29*SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:
 HSG 'A' = 0.0%
 HSG 'B' = 0.0%
 HSG 'C' = 0.0%
 HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	1,524,611	35.00	-
Onsite open	80	320,675	7.36	Assume good condition
Onsite wooded	77	449,545	10.32	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 52.68 acres
 2,294,831 sf
 0.08232 mi²

Composite SCS CN = 91
 % Impervious = 66.4%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
 Top Elev = 239.00 ft
 Bot Elev = 232.00 ft
 Height = 7 ft
 Slope = 0.0700 ft/ft
 Manning's n = 0.40 wooded-dense u
 P (2-year/24-hour) = 3.5 inches (Raleigh, I
Segment Time = 12.44 minutes

Segment 2: Concentrated Flow

Length = 451 ft
 Top Elev = 232.00 ft
 Bot Elev = 230.00 ft
 Height = 2 ft
 Slope = 0.0044 ft/ft
 Paved ? = No
 Velocity = 1.07 ft/sec
Segment Time = 7.00 minutes

Segment 3: Channel Flow

Length = 29 ft
 Top Elev = 230.00 ft
 Bot Elev = 227.00 ft
 Height = 3 ft
 Slope = 0.1034 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 4.00 sf (assume 2'w x
 Wetted Perimeter = 6.00 lf (assume 2'w x
 Channel Velocity = 8.13 ft/sec
Segment Time = 0.06 minutes

Segment 4: Channel Flow

Length = 1026 ft
 Top Elev = 227.00 ft
 Bot Elev = 226.00 ft
 Height = 1 ft
 Slope = 0.0010 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 125.00 sf (assume 25'w x 5'h channel)
 Wetted Perimeter = 35.00 lf (assume 25'w x 5'h channel)
 Channel Velocity = 2.42 ft/sec
Segment Time = 7.08 minutes

Time of Concentration =	26.58	minutes
SCS Lag Time =	15.95	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.62	minutes (= 0.29*SCS Lag)

REACH DATA

Reach 1 - J_WC_23 to S Saunders

Segment 1: Channel Flow

Length = 917 ft
Top Elev = 234.00 ft
Bot Elev = 230.00 ft
Height = 4 ft
Slope = 0.0044 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 4.71 ft/sec
Reach Travel Time = 3.25 minutes

Total Travel Time = 3.25 minutes

Reach 2 - WCT13_RRXsing to J_WC_23

Segment 1: Channel Flow

Length = 645 ft
Top Elev = 238.00 ft
Bot Elev = 234.00 ft
Height = 4 ft
Slope = 0.0062 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 16.00 sf (assume 8'w x 2'h channel)
Wetted Perimeter = 12.00 lf (assume 8'w x 2'h channel)
Channel Velocity = 3.16 ft/sec
Reach Travel Time = 3.40 minutes

Total Travel Time = 3.40 minutes

Reach 3 - S. Saunders Street to J_WC_22

Segment 1: Channel Flow

Length = 367 ft
Top Elev = 230.00 ft
Bot Elev = 228.00 ft
Height = 2 ft
Slope = 0.0054 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 5.26 ft/sec
Reach Travel Time = 1.16 minutes

Total Travel Time = 1.16 minutes

Reach 4 - WCT12_SSauSt to PL

Segment 1: Channel Flow

Length = 3080 ft
Top Elev = 234.00 ft
Bot Elev = 226.00 ft
Height = 8 ft
Slope = 0.0026 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 16.00 sf (assume 8'w x 2'h channel)
Wetted Perimeter = 12.00 lf (assume 8'w x 2'h channel)
Channel Velocity = 2.04 ft/sec
Reach Travel Time = 25.11 minutes

Total Travel Time = 25.11 minutes

Reach 5 - PL to S. Wilmington Street

Segment 1: Channel Flow

Length = 1101 ft
Top Elev = 226.00 ft
Bot Elev = 222.00 ft
Height = 4 ft
Slope = 0.0036 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 4.30 ft/sec
Reach Travel Time = 4.27 minutes

Total Travel Time = 4.27 minutes

Reach 6 - J_WC_22 to PL

Segment 1: Channel Flow

Length = 1190 ft
Top Elev = 228.00 ft
Bot Elev = 225.00 ft
Height = 3 ft
Slope = 0.0025 ft/ft
Manning's n = 0.045 natural channel
Flow Area = 120.00 sf (assume 30'w x 4'h channel)
Wetted Perimeter = 38.00 lf (assume 30' x 4' channel)
Channel Velocity = 3.58 ft/sec
Reach Travel Time = 5.54 minutes

Total Travel Time = 5.54 minutes

Reach 7 - S. Wilmington Street to Slate Street

Tc determined to S Slate Street = 322 min.
Tc determined to S Wilmington Street = 294 min.
Difference Between = 28 min.

Total Travel Time = 28.00 minutes

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Description:

Downstream: J_WC_23

Area (MI2) 0.05668

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Initial Abstraction (IN)

Curve Number 77

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Lag Time (MIN) 20.53

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Description:

Downstream: WCT13_RRXsing

Area (MI2) 0.019

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Initial Abstraction (IN)

Curve Number 57

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Lag Time (MIN) 10.29

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Description:

Downstream: WCT12_SouthSaundersSt

Area (MI2) 0.059

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Initial Abstraction (IN)

Curve Number 65

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Lag Time (MIN) 15.37

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Description:

Downstream: J_WC_22

Area (MI2) 0.01682

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Initial Abstraction (IN)

Curve Number 98

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Lag Time (MIN) 14.31

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC2

Description:

Downstream: J_YWC_21

Area (MI2) 0.08232

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC2

Initial Abstraction (IN)

Curve Number 91

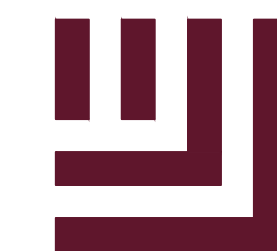
Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC2

Lag Time (MIN) 19.06

APPENDIX 3:
PROPOSED CONDITION WITH DETENTION



McADAMS

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Durham, NC 27713

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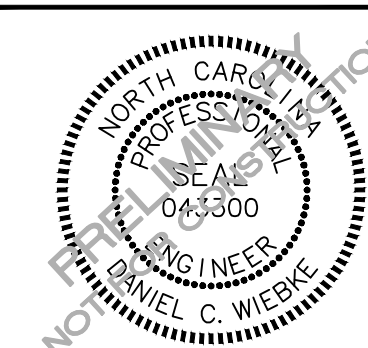
www.mcadamsco.com

CLIENT

KANE REALTY CORPORATION
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250 RALEIGH, NC 27609



**DOWNTOWN SOUTH
DOWNSTREAM ANALYSIS**
RALEIGH, NORTH CAROLINA, 27603



REVISIONS

NO. DATE

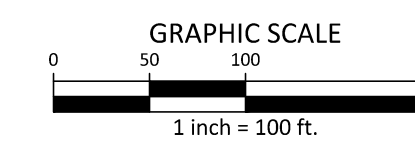
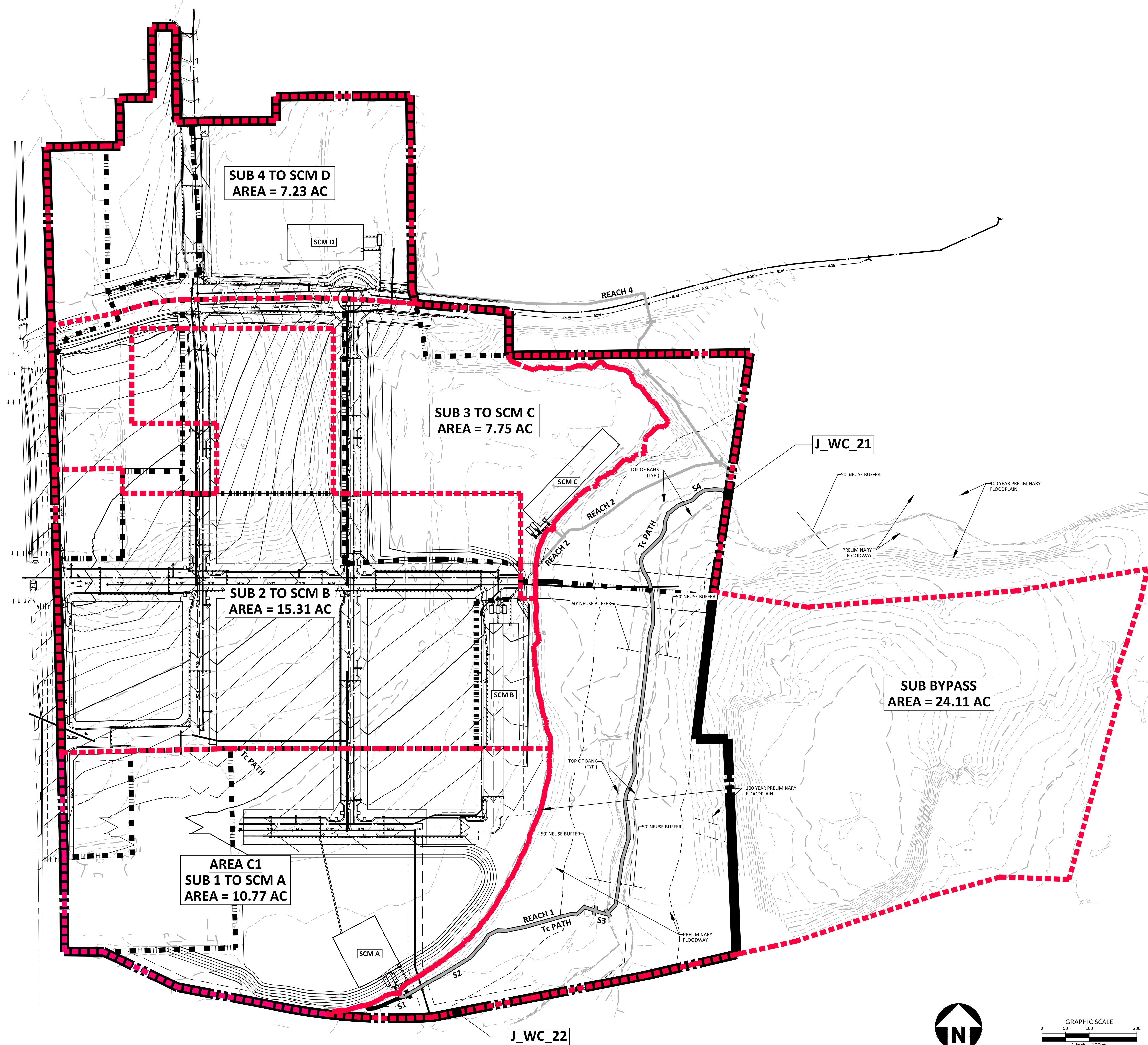
PLAN INFORMATION

PROJECT NO. KAN-19020
FILENAME KAN19020 - POST
CHECKED BY DCW
DRAWN BY EAM
SCALE 1" = 100'
DATE 12.09.2021

SHEET

POST-DEVELOPMENT
DRAINAGE AREA MAP

DETAINED



PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

I:\Projects\KAN\KAN-19020\Storm\Master Downstream Analysis\2021.12.09 Report\Current Drawings\KAN19020 - POST.dwg, 12/10/2021 11:22:00 AM, Emily Malgon

POST-DEVELOPMENT HYDROLOGY
Summary - Area C Drainage Areas

HYDROLOGY INPUT SUMMARY

Sub-basin ID	Onsite Area [acres]					Offsite Area [acres]					Total Area [acres]	SCS CN	Tc [min]
	Impervious	Open	Wooded	Pond	Total	Impervious	Open	Wooded	Pond	Total			
1 to SCM A (Area C1)	10.77	0.00	0.00	0.00	10.77	0.00	0.00	0.00	0.00	0.00	10.77	98	5.00
2 to SCM B	15.31	0.00	0.00	0.00	15.31	0.00	0.00	0.00	0.00	0.00	15.31	98	5.00
3 to SCM C	7.75	0.00	0.00	0.00	7.75	0.00	0.00	0.00	0.00	0.00	7.75	98	5.00
4 to SCM D	7.23	0.00	0.00	0.00	7.23	0.00	0.00	0.00	0.00	0.00	7.23	98	5.00
Bypass	0.42	2.30	9.04	0.00	11.77	6.18	6.16	0.00	0.00	12.34	24.11	84	26.58
Totals =	41.48	2.30	9.04	0.00	52.83	6.18	6.16	0.00	0.00	12.34	65.17		

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:

HSG 'A' =	0.0%
HSG 'B' =	0.0%
HSG 'C' =	0.0%
HSG 'D' =	100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	468,955	10.77	-
Onsite open	80	0	0.00	Assume good condition
Onsite wooded	77	0	0.00	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 10.77 acres
468,955 sf

Composite SCS CN = 98

% Impervious = 100.0%

C. Time of Concentration Information

Time of concentration is assumed to be 5 minutes.

Time of Concentration =	5.00	minutes
SCS Lag Time =	3.00	minutes (SCS Lag = 0.6 * Tc)
Time Increment =	0.87	minutes (= 0.29 * SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:

HSG 'A' =	0.0%
HSG 'B' =	0.0%
HSG 'C' =	0.0%
HSG 'D' =	100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	667,061	15.31	-
Onsite open	80	0	0.00	Assume good condition
Onsite wooded	77	0	0.00	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 15.31 acres
667,061 sf

Composite SCS CN = 98

% Impervious = 100.0%

C. Time of Concentration Information

Time of concentration is assumed to be 5 minutes.

Time of Concentration =	5.00	minutes
SCS Lag Time =	3.00	minutes (SCS Lag = 0.6 * Tc)
Time Increment =	0.87	minutes (= 0.29 * SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume: HSG 'A' = 0.0%
HSG 'B' = 0.0%
HSG 'C' = 0.0%
HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	337,577	7.75	-
Onsite open	80	0	0.00	Assume good condition
Onsite wooded	77	0	0.00	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 7.75 acres
337,577 sf
Composite SCS CN = 98
% Impervious = 100.0%

C. Time of Concentration Information

Time of concentration is assumed to be 5 minutes.

Time of Concentration =	5.00	minutes
SCS Lag Time =	3.00	minutes (SCS Lag = 0.6 * Tc)
Time Increment =	0.87	minutes (= 0.29 * SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:

HSG 'A' =	0.0%
HSG 'B' =	0.0%
HSG 'C' =	0.0%
HSG 'D' =	100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	314,865	7.23	-
Onsite open	80	0	0.00	Assume good condition
Onsite wooded	77	0	0.00	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	0	0.00	-
Offsite open	80	0	0.00	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 7.23 acres
314,865 sf

Composite SCS CN = 98

% Impervious = 100.0%

C. Time of Concentration Information

Time of concentration is assumed to be 5 minutes.

Time of Concentration =	5.00	minutes
SCS Lag Time =	3.00	minutes (SCS Lag = 0.6 * Tc)
Time Increment =	0.87	minutes (= 0.29 * SCS Lag)

I. SCS CURVE NUMBERS

HSG	Impervious	Open	Wooded
A	98	39	30
B	98	61	55
C	98	74	70
D	98	80	77

Assume:
 HSG 'A' = 0.0%
 HSG 'B' = 0.0%
 HSG 'C' = 0.0%
 HSG 'D' = 100.0%

Cover Condition	SCS CN	Comments
Impervious	98	-
Open	80	Assume good condition
Wooded	77	Assume good condition

II. POST-DEVELOPMENT

A. Onsite Impervious Breakdown

Contributing Area	Area [sf]	Area [ac]
Roadway Area	0	0.00
Driveway / Parking Lot	0	0.00
Roof	0	0.00
Sidewalk / Patio	0	0.00
Other	0	0.00
Totals	0	0.00

B. Watershed Land Use Breakdown

Contributing Area	SCS CN	Area [sf]	Area [acres]	Comments
Onsite impervious	98	18,508	0.42	-
Onsite open	80	100,338	2.30	Assume good condition
Onsite wooded	77	393,753	9.04	Assume good condition
Onsite pond	100	0	0.00	-
Offsite impervious	98	269,131	6.18	-
Offsite open	80	268,439	6.16	Assume good condition
Offsite wooded	77	0	0.00	Assume good condition
Offsite pond	100	0	0.00	-

Total area = 24.11 acres
 1,050,169 sf
 Composite SCS CN = 84
 % Impervious = 27.4%

C. Time of Concentration Information

Time of concentration is calculated using the SCS Segmental Approach (TR-55).

Segment 1: Overland Flow

Length = 100 ft
 Top Elev = 239.00 ft
 Bot Elev = 232.00 ft
 Height = 7 ft
 Slope = 0.0700 ft/ft
 Manning's n = 0.40 wooded-dense underbrush
 P (2-year/24-hour) = 3.5 inches (Raleigh, NC)
Segment Time = 12.44 minutes

Segment 2: Concentrated Flow

Length = 451 ft
 Top Elev = 232.00 ft
 Bot Elev = 230.00 ft
 Height = 2 ft
 Slope = 0.0044 ft/ft
 Paved ? = No
 Velocity = 1.07 ft/sec
Segment Time = 7.00 minutes

Segment 3: Channel Flow

Length = 29 ft
 Top Elev = 230.00 ft
 Bot Elev = 227.00 ft
 Height = 3 ft
 Slope = 0.1034 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 4.00 sf (assume 2'w x 2'h channel)
 Wetted Perimeter = 6.00 lf (assume 2'w x 2'h channel)
 Channel Velocity = 8.13 ft/sec
Segment Time = 0.06 minutes

Segment 4: Channel Flow

Length = 1026 ft
 Top Elev = 227.00 ft
 Bot Elev = 226.00 ft
 Height = 1 ft
 Slope = 0.0010 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 125.00 sf (assume 25'w x 5'h channel)
 Wetted Perimeter = 35.00 lf (assume 25'w x 5'h channel)
 Channel Velocity = 2.42 ft/sec
Segment Time = 7.08 minutes

Time of Concentration =	26.58	minutes
SCS Lag Time =	15.95	minutes (SCS Lag = 0.6* Tc)
Time Increment =	4.62	minutes (= 0.29*SCS Lag)

REACH DATA

REACH #1: SCM A to POA#1

Calculated using the SCS Segmental Approach (TR-55).

Segment 1: Concentrated Flow

Length = 480 ft
 Top Elev = 235.00 ft
 Bot Elev = 230.00 ft
 Height = 5 ft
 Slope = 0.0104 ft/ft
 Paved ? = No
 Velocity = 1.65 ft/sec
Segment Time = 4.86 minutes

Segment 2: Channel Flow

Length = 29 ft
 Top Elev = 230.00 ft
 Bot Elev = 227.00 ft
 Height = 3 ft
 Slope = 0.1034 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 4.00 sf (assume 2'w x 2'h channel)
 Wetted Perimeter = 6.00 lf (assume 2'w x 2'h channel)
 Channel Velocity = 8.13 ft/sec
Segment Time = 0.06 minutes

Segment 3: Channel Flow

Length = 1026 ft
 Top Elev = 227.00 ft
 Bot Elev = 226.00 ft
 Height = 1 ft
 Slope = 0.0010 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 125.00 sf (assume 25'w x 5'h channel)
 Wetted Perimeter = 35.00 lf (assume 25'w x 5'h channel)
 Channel Velocity = 2.42 ft/sec
Segment Time = 7.08 minutes

Segment Length =	12.00	minutes
SCS Lag Time =	7.20	minutes (SCS Lag = 0.6* Tc)
Time Increment =	2.09	minutes (= 0.29*SCS Lag)

REACH #2: SCM B to POA#1

Calculated using the SCS Segmental Approach (TR-55).

Segment 1: Concentrated Flow

Length = 437 ft
 Top Elev = 231.00 ft
 Bot Elev = 226.00 ft
 Height = 5 ft
 Slope = 0.0114 ft/ft
 Paved ? = No
 Velocity = 1.73 ft/sec
Segment Time = 4.22 minutes

Segment 2: Channel Flow

Length = 72 ft
 Top Elev = 226.00 ft
 Bot Elev = 225.50 ft
 Height = 0.5 ft
 Slope = 0.0069 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 30.00 sf (assume 10'w x 3'h channel)
 Wetted Perimeter = 16.00 lf (assume 10'w x 3'h channel)
 Channel Velocity = 4.20 ft/sec
Segment Time = 0.29 minutes

Segment Length =	4.50	minutes
SCS Lag Time =	2.70	minutes (SCS Lag = 0.6* Tc)
Time Increment =	0.78	minutes (= 0.29*SCS Lag)

REACH #3: SCM C to POA#1

Calculated using the SCS Segmental Approach (TR-55).

Segment 1: Concentrated Flow

Length = 408 ft
 Top Elev = 236.00 ft
 Bot Elev = 226.00 ft
 Height = 10 ft
 Slope = 0.0245 ft/ft
 Paved ? = No
 Velocity = 2.53 ft/sec
Segment Time = 2.69 minutes

Segment 2: Channel Flow

Length = 72 ft
 Top Elev = 226.00 ft
 Bot Elev = 225.50 ft
 Height = 0.5 ft
 Slope = 0.0069 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 30.00 sf (assume 10'w x 3'h channel)
 Wetted Perimeter = 16.00 lf (assume 10'w x 3'h channel)
 Channel Velocity = 4.20 ft/sec
Segment Time = 0.29 minutes

Segment Length =	2.97	minutes
SCS Lag Time =	1.78	minutes (SCS Lag = 0.6* Tc)
Time Increment =	0.52	minutes (= 0.29*SCS Lag)

REACH #4: SCM D to POA#1

Calculated using the SCS Segmental Approach (TR-55).

Segment 1: Pipe Flow

Length = 581 ft
 Top Elev = 255.00
 Bot Elev = 237.00
 Height = 18 ft
 Slope = 0.0310 ft/ft
 Manning's n = 0.013 concrete pipe
 Pipe Diameter = 2.50 ft
 Flow Area = 4.91 sf
 Wetted Perimeter = 7.85 lf (2.5 ft ID pipe)
 Channel Velocity = 14.75 ft/sec
Segment Time = 0.66 minutes

Segment 2: Concentrated Flow

Length = 122 ft
 Top Elev = 237.00 ft
 Bot Elev = 230.00 ft
 Height = 7 ft
 Slope = 0.0574 ft/ft
 Paved ? = No
 Velocity = 3.86 ft/sec
Segment Time = 0.53 minutes

Segment 3: Channel Flow

Length = 322 ft
 Top Elev = 230.00 ft
 Bot Elev = 225.50 ft
 Height = 4.5 ft
 Slope = 0.0140 ft/ft
 Manning's n = 0.045 natural channel
 Flow Area = 30.00 sf (assume 10'w x 3'h channel)
 Wetted Perimeter = 16.00 lf (assume 10'w x 3'h channel)
 Channel Velocity = 5.95 ft/sec
Segment Time = 0.90 minutes

Time of Concentration =	2.08	minutes
SCS Lag Time =	1.25	minutes (SCS Lag = 0.6* Tc)
Time Increment =	0.36	minutes (= 0.29*SCS Lag)

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Description:

Downstream: J_WC_23

Area (MI2) 0.05668

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Initial Abstraction (IN)

Curve Number 77

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaA

Lag Time (MIN) 20.53

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Description:

Downstream: WCT13_RRXsing

Area (MI2) 0.019

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Initial Abstraction (IN)

Curve Number 57

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB1

Lag Time (MIN) 10.29

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Description:

Downstream: WCT12_SouthSaundersSt

Area (MI2) 0.059

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Initial Abstraction (IN)


Curve Number 65

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaB2

Lag Time (MIN) 15.37

 Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Description:


Downstream:

Area (MI2)

Loss Method:

Transform Method:

Baseflow Method:

 Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Initial Abstraction (IN)

Curve Number

Impervious (%)

 Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: AreaC1

Lag Time (MIN)

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Bypass

Description:

Downstream: J_WC_21

Area (MI2): 0.03767

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Bypass

Initial Abstraction (IN)

Curve Number 84

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Bypass

Lag Time (MIN) 15.95

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 2 to SCM B

Description:

Downstream: SCM B

Area (MI2) 0.02392

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 2 to SCM B

Initial Abstraction (IN)

Curve Number 98

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 2 to SCM B

Lag Time (MIN) 3

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 3 to SCM C

Description:

Downstream: SCM C

Area (MI2): 0.01211

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 3 to SCM C

Initial Abstraction (IN)

Curve Number 98

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 3 to SCM C

Lag Time (MIN) 3

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 4 to SCM D

Description:

Downstream: SCM D

Area (MI2) 0.01130

Loss Method: SCS Curve Number

Transform Method: SCS Unit Hydrograph

Baseflow Method: --None--

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 4 to SCM D

Initial Abstraction (IN)

Curve Number 98

Impervious (%) 0.0

Subbasin | Loss | Transform | Options

Basin Name: Post (Routed)
Element Name: Sub 4 to SCM D

Lag Time (MIN) 3

SCM A

Elevation (FT)	Storage (AC-FT)
234.00	0.0
234.10	0.0460000
234.20	0.0920000
234.30	0.13800
234.40	0.18400
234.50	0.23000
234.60	0.27500
234.70	0.32100
234.80	0.36700
234.90	0.41300
235.00	0.45900
235.10	0.50500
235.20	0.55100
235.30	0.59700
235.40	0.64300
235.50	0.68900
235.60	0.73500
235.70	0.78100
235.80	0.82600
235.90	0.87200
236.00	0.91800
236.10	0.96400
236.20	1.0100
236.30	1.0560
236.40	1.1020
236.50	1.1480
236.60	1.1940
236.70	1.2400
236.80	1.2860
236.90	1.3310

SCM A

Elevation (FT)	Storage (AC-FT)
237.00	1.3770
237.10	1.4230
237.20	1.4690
237.30	1.5150
237.40	1.5610
237.50	1.6070
237.60	1.6530
237.70	1.6990
237.80	1.7450
237.90	1.7910
238.00	1.8370
238.10	1.8820
238.20	1.9280
238.30	1.9740
238.40	2.0200
238.50	2.0660
238.60	2.1120
238.70	2.1580
238.80	2.2040
238.90	2.2500
239.00	2.2960
239.10	2.3420
239.20	2.3880
239.30	2.4330
239.40	2.4790
239.50	2.5250
239.60	2.5710
239.70	2.6170
239.80	2.6630
239.90	2.7090

SCM A

Elevation (FT)	Storage (AC-FT)
240.00	2.7550
240.10	2.8010
240.20	2.8470
240.30	2.8930
240.40	2.9380
240.50	2.9840
240.60	3.0300
240.70	3.0760
240.80	3.1220
240.90	3.1680
241.00	3.2140
241.10	3.2600
241.20	3.3060
241.30	3.3520
241.40	3.3980
241.50	3.4440
241.60	3.4890
241.70	3.5350
241.80	3.5810
241.90	3.6270
242.00	3.6730

SCM A

Storage (AC-FT)	Discharge (CFS)
0.0	0.0
0.0460000	0.0200000
0.0920000	0.0900000
0.13800	0.18000
0.18400	0.31000
0.23000	0.44000
0.27500	0.52000
0.32100	0.59000
0.36700	0.65000
0.41300	0.71000
0.45900	0.76000
0.50500	0.81000
0.55100	0.85000
0.59700	0.89000
0.64300	0.93000
0.68900	0.97000
0.73500	1.0100
0.78100	1.0500
0.82600	1.0800
0.87200	1.1200
0.91800	1.1500
0.96400	1.1800
1.0100	1.2200
1.0560	1.2500
1.1020	1.2700
1.1480	1.3100
1.1940	1.3300
1.2400	1.3600
1.2860	1.3900
1.3310	1.4200

SCM A

Storage (AC-FT)	Discharge (CFS)
1.3770	1.4400
1.4230	1.4700
1.4690	1.5200
1.5150	1.6100
1.5610	1.7500
1.6070	1.9400
1.6530	2.1500
1.6990	2.3800
1.7450	2.6400
1.7910	2.8000
1.8370	2.9400
1.8820	4.0300
1.9280	5.1100
1.9740	6.1900
2.0200	7.2600
2.0660	8.3300
2.1120	9.3100
2.1580	10.170
2.2040	10.950
2.2500	11.660
2.2960	12.330
2.3420	12.950
2.3880	13.540
2.4330	14.100
2.4790	14.630
2.5250	15.140
2.5710	15.640
2.6170	16.110
2.6630	16.580
2.7090	17.020

SCM A

Storage (AC-FT)	Discharge (CFS)
2.7550	17.460
2.8010	17.890
2.8470	18.290
2.8930	18.690
2.9380	19.090
2.9840	19.480
3.0300	19.850
3.0760	20.220
3.1220	20.590
3.1680	20.950
3.2140	21.310
3.2600	22.760
3.3060	25.170
3.3520	28.170
3.3980	31.680
3.4440	35.570
3.4890	39.870
3.5350	44.500
3.5810	49.460
3.6270	54.690
3.6730	60.230

SCM B

Elevation (FT)	Storage (AC-FT)
234.75	0.0
234.85	0.0570000
234.95	0.11500
235.05	0.17200
235.15	0.23000
235.25	0.28700
235.35	0.34400
235.45	0.40200
235.55	0.45900
235.65	0.51700
235.75	0.57400
235.85	0.63100
235.95	0.68900
236.05	0.74600
236.15	0.80300
236.25	0.86100
236.35	0.91800
236.45	0.97600
236.55	1.0330
236.65	1.0900
236.75	1.1480
236.85	1.2050
236.95	1.2630
237.05	1.3200
237.15	1.3770
237.25	1.4350
237.35	1.4920
237.45	1.5500
237.55	1.6070
237.65	1.6640

SCM B

Elevation (FT)	Storage (AC-FT)
237.75	1.7220
237.85	1.7790
237.95	1.8370
238.05	1.8940
238.15	1.9510
238.25	2.0090
238.35	2.0660
238.45	2.1240
238.55	2.1810
238.65	2.2380
238.75	2.2960
238.85	2.3530
238.95	2.4100
239.05	2.4680
239.15	2.5250
239.25	2.5830
239.35	2.6400
239.45	2.6970
239.55	2.7550
239.65	2.8120
239.75	2.8700
239.85	2.9270
239.95	2.9840
240.05	3.0420
240.15	3.0990
240.25	3.1570
240.35	3.2140
240.45	3.2710
240.55	3.3290
240.65	3.3860

SCM B

Elevation (FT)	Storage (AC-FT)
240.75	3.4440
240.85	3.5010
240.95	3.5580
241.05	3.6160
241.15	3.6730
241.25	3.7300
241.35	3.7880
241.45	3.8450
241.55	3.9030
241.65	3.9600
241.75	4.0170
241.85	4.0750
241.95	4.1320
242.00	4.1610

SCM B

Storage (AC-FT)	Discharge (CFS)
0.0	0.0
0.0570000	0.0300000
0.11500	0.10000
0.17200	0.20000
0.23000	0.34000
0.28700	0.50000
0.34400	0.66000
0.40200	0.75000
0.45900	0.84000
0.51700	0.91000
0.57400	0.98000
0.63100	1.0500
0.68900	1.1100
0.74600	1.1700
0.80300	1.2300
0.86100	1.2800
0.91800	1.3300
0.97600	1.3800
1.0330	1.4300
1.0900	1.4800
1.1480	1.5200
1.2050	1.5600
1.2630	1.6100
1.3200	1.6500
1.3770	1.6900
1.4350	1.7300
1.4920	1.7600
1.5500	1.8000
1.6070	1.8400
1.6640	1.8700

SCM B

Storage (AC-FT)	Discharge (CFS)
1.7220	1.9100
1.7790	1.9400
1.8370	1.9800
1.8940	2.0100
1.9510	2.0500
2.0090	2.0800
2.0660	2.1200
2.1240	2.2100
2.1810	3.7900
2.2380	6.8500
2.2960	9.9500
2.3530	13.070
2.4100	16.210
2.4680	19.240
2.5250	21.830
2.5830	24.130
2.6400	26.200
2.6970	28.140
2.7550	29.910
2.8120	31.590
2.8700	33.160
2.9270	34.710
2.9840	36.140
3.0420	37.510
3.0990	38.850
3.1570	40.170
3.2140	41.400
3.2710	42.610
3.3290	43.820
3.3860	44.900

SCM B

Storage (AC-FT)	Discharge (CFS)
3.4440	46.050
3.5010	47.160
3.5580	48.230
3.6160	49.920
3.6730	53.750
3.7300	58.730
3.7880	64.670
3.8450	71.200
3.9030	78.480
3.9600	86.320
4.0170	94.690
4.0750	103.64
4.1320	112.99
4.1610	117.84

SCM C

Elevation (FT)	Storage (AC-FT)
239.75	0.0
239.85	0.0280000
239.95	0.0550000
240.05	0.0830000
240.15	0.11000
240.25	0.13800
240.35	0.16500
240.45	0.19300
240.55	0.22000
240.65	0.24800
240.75	0.27500
240.85	0.30300
240.95	0.33100
241.05	0.35800
241.15	0.38600
241.25	0.41300
241.35	0.44100
241.45	0.46800
241.55	0.49600
241.65	0.52300
241.75	0.55100
241.85	0.57900
241.95	0.60600
242.05	0.63400
242.15	0.66100
242.25	0.68900
242.35	0.71600
242.45	0.74400
242.55	0.77100
242.65	0.79900

SCM C

Elevation (FT)	Storage (AC-FT)
242.75	0.82600
242.85	0.85400
242.95	0.88200
243.05	0.90900
243.15	0.93700
243.25	0.96400
243.35	0.99200
243.45	1.0190
243.55	1.0470
243.65	1.0740
243.75	1.1020
243.85	1.1290
243.95	1.1570
244.05	1.1850
244.15	1.2120
244.25	1.2400
244.35	1.2670
244.45	1.2950
244.55	1.3220
244.65	1.3500
244.75	1.3770
244.85	1.4050
244.95	1.4330
245.05	1.4600
245.15	1.4880
245.25	1.5150
245.35	1.5430
245.45	1.5700
245.55	1.5980
245.65	1.6250

SCM C

Elevation (FT)	Storage (AC-FT)
245.75	1.6530
245.85	1.6800
245.95	1.7080
246.05	1.7360
246.15	1.7630
246.25	1.7910
246.35	1.8180
246.45	1.8460
246.55	1.8730
246.65	1.9010
246.75	1.9280
246.85	1.9560
246.95	1.9830
247.05	2.0110
247.15	2.0390
247.25	2.0660
247.35	2.0940
247.45	2.1210
247.55	2.1490
247.65	2.1760
247.75	2.2040

SCM C

Storage (AC-FT)	Discharge (CFS)
0.0	0.0
0.0280000	0.0200000
0.0550000	0.0900000
0.0830000	0.18000
0.11000	0.30000
0.13800	0.44000
0.16500	0.52000
0.19300	0.58000
0.22000	0.64000
0.24800	0.70000
0.27500	0.75000
0.30300	0.80000
0.33100	0.84000
0.35800	0.88000
0.38600	0.93000
0.41300	0.96000
0.44100	1.00000
0.46800	1.0400
0.49600	1.0700
0.52300	1.1100
0.55100	1.1400
0.57900	1.1700
0.60600	1.2000
0.63400	1.2300
0.66100	1.2600
0.68900	1.2900
0.71600	1.3200
0.74400	1.3500
0.77100	1.3700
0.79900	1.4000

SCM C

Storage (AC-FT)	Discharge (CFS)
0.82600	1.4300
0.85400	1.4700
0.88200	1.6100
0.90900	1.8500
0.93700	2.1600
0.96400	2.5500
0.99200	2.9800
1.0190	3.4400
1.0470	4.3000
1.0740	5.5300
1.1020	6.7300
1.1290	7.9200
1.1570	9.1000
1.1850	10.240
1.2120	11.240
1.2400	12.150
1.2670	12.970
1.2950	13.740
1.3220	14.460
1.3500	15.140
1.3770	15.790
1.4050	16.400
1.4330	17.000
1.4600	17.570
1.4880	18.130
1.5150	18.670
1.5430	19.170
1.5700	19.680
1.5980	20.170
1.6250	20.640

SCM C

Storage (AC-FT)	Discharge (CFS)
1.6530	21.110
1.6800	21.570
1.7080	22.020
1.7360	22.440
1.7630	22.900
1.7910	23.320
1.8180	23.730
1.8460	24.120
1.8730	24.530
1.9010	24.920
1.9280	25.300
1.9560	25.700
1.9830	26.060
2.0110	26.430
2.0390	26.800
2.0660	27.140
2.0940	29.190
2.1210	32.670
2.1490	37.070
2.1760	42.150
2.2040	47.860

SCM D

Elevation (FT)	Storage (AC-FT)
244.00	0.0
244.10	0.0460000
244.20	0.0920000
244.30	0.13800
244.40	0.18400
244.50	0.23000
244.60	0.27500
244.70	0.32100
244.80	0.36700
244.90	0.41300
245.00	0.45900
245.10	0.50500
245.20	0.55100
245.30	0.59700
245.40	0.64300
245.50	0.68900
245.60	0.73500
245.70	0.78100
245.80	0.82600
245.90	0.87200
246.00	0.91800
246.10	0.96400
246.20	1.0100
246.30	1.0560
246.40	1.1020
246.50	1.1480
246.60	1.1940
246.70	1.2400
246.80	1.2860
246.90	1.3310

SCM D

Elevation (FT)	Storage (AC-FT)
247.00	1.3770
247.10	1.4230
247.20	1.4690
247.30	1.5150
247.40	1.5610
247.50	1.6070
247.60	1.6530
247.70	1.6990
247.80	1.7450
247.90	1.7910
248.00	1.8370
248.10	1.8820
248.20	1.9280
248.30	1.9740
248.40	2.0200
248.50	2.0660
248.60	2.1120
248.70	2.1580
248.80	2.2040
248.90	2.2500
249.00	2.2960
249.10	2.3420
249.20	2.3880
249.30	2.4330
249.40	2.4790
249.50	2.5250
249.60	2.5710
249.70	2.6170
249.80	2.6630
249.90	2.7090

SCM D

Elevation (FT)	Storage (AC-FT)
250.00	2.7550
250.10	2.8010
250.20	2.8470
250.30	2.8930
250.40	2.9380
250.50	2.9840
250.60	3.0300
250.70	3.0760
250.80	3.1220
250.90	3.1680
251.00	3.2140
251.10	3.2600
251.20	3.3060
251.30	3.3520
251.40	3.3980
251.50	3.4440
251.60	3.4890
251.70	3.5350
251.80	3.5810
251.90	3.6270
252.00	3.6730

SCM D

Storage (AC-FT)	Discharge (CFS)
0.0	0.0
0.0460000	0.0200000
0.0920000	0.0800000
0.13800	0.17000
0.18400	0.28000
0.23000	0.38000
0.27500	0.44000
0.32100	0.49000
0.36700	0.54000
0.41300	0.59000
0.45900	0.63000
0.50500	0.67000
0.55100	0.70000
0.59700	0.74000
0.64300	0.77000
0.68900	0.80000
0.73500	0.83000
0.78100	0.86000
0.82600	0.89000
0.87200	0.92000
0.91800	0.95000
0.96400	0.97000
1.0100	1.0300
1.0560	1.1400
1.1020	1.2900
1.1480	1.4800
1.1940	1.6900
1.2400	1.9300
1.2860	2.1700
1.3310	2.3200

SCM D

Storage (AC-FT)	Discharge (CFS)
1.3770	2.4600
1.4230	2.5900
1.4690	2.7100
1.5150	2.8200
1.5610	2.9300
1.6070	3.0300
1.6530	3.1300
1.6990	3.2200
1.7450	3.3100
1.7910	3.4000
1.8370	3.4900
1.8820	3.5700
1.9280	3.6600
1.9740	3.7400
2.0200	3.8100
2.0660	3.8900
2.1120	3.9600
2.1580	4.0400
2.2040	4.1100
2.2500	4.1800
2.2960	4.2500
2.3420	4.3100
2.3880	4.3800
2.4330	4.4500
2.4790	4.5100
2.5250	4.5800
2.5710	4.6400
2.6170	4.7000
2.6630	4.7600
2.7090	4.8200

SCM D

Storage (AC-FT)	Discharge (CFS)
2.7550	4.8800
2.8010	4.9400
2.8470	5.0000
2.8930	5.0600
2.9380	5.1200
2.9840	5.1700
3.0300	5.2300
3.0760	5.2800
3.1220	5.3300
3.1680	5.3900
3.2140	5.4400
3.2600	5.5000
3.3060	5.5500
3.3520	5.6000
3.3980	5.6500
3.4440	5.7000
3.4890	7.4600
3.5350	10.630
3.5810	14.720
3.6270	19.560
3.6730	25.040

APPENDIX 4:
RESULTS

GLOBAL SUMMARY
Existing Conditions 1-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0767	1699.81	01Jan2006, 23:15	1076.43
72_CarolinaPines_WCT13	0.5049	54.48	01Jan2006, 13:04	20.65
AreaA	0.0612	33.05	01Jan2006, 12:14	3.4
AreaB1	0.019	1.2	01Jan2006, 12:09	0.21
AreaB2	0.059	12.29	01Jan2006, 12:11	1.42
AreaC1	0.0193	18.32	01Jan2006, 12:08	1.46
AreaC2	0.099	83.39	01Jan2006, 12:12	7.84
Avent Ferry Dr	1.1695	273.54	01Jan2006, 12:21	68.29
BBT1_1	0.5004	109.38	01Jan2006, 12:46	21.59
BBT1_2	0.272	104.89	01Jan2006, 12:15	11.69
BBT1_3	3.9284	466.55	01Jan2006, 13:10	126.57
BBT2_1	0.2378	51.8	01Jan2006, 12:41	9.68
BBT2_2	0.1003	27.01	01Jan2006, 12:21	3.61
BBT2_3	0.0099	6.51	01Jan2006, 12:01	0.4
BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
BBT3A_1	0.0277	1.69	01Jan2006, 12:25	0.39
BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
BBT3_1	0.2625	59.27	01Jan2006, 12:33	9.9
BBT3_2	0.2544	66.73	01Jan2006, 12:31	10.59
BBT3_3	0.1488	21.66	01Jan2006, 12:25	3.65
BBT3_4	0.1146	32.17	01Jan2006, 12:13	3.55
BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
BBT4A_1	0.0355	7.28	01Jan2006, 12:11	0.85
BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
BBT4_1	0.2036	33.45	01Jan2006, 12:21	5.11
BBT4_2	0.3116	31.7	01Jan2006, 12:36	6.72
BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
BBT5_1	0.1414	21.08	01Jan2006, 12:11	2.7
BBT5_2	0.1343	9.66	01Jan2006, 12:31	2.19
BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
BB_1	0.3673	60.48	01Jan2006, 12:47	12.72
BB_2	0.4078	83.96	01Jan2006, 12:37	15.14
BB_3	0.1114	71.09	01Jan2006, 12:12	6.85
BB_4	0.2583	46.51	01Jan2006, 12:18	6.6
BB_5	0.2954	44.98	01Jan2006, 12:22	7.13
BB_6	0.006	2.01	01Jan2006, 12:06	0.17
BB_7	1.233	130.13	01Jan2006, 12:51	31.43
BigBranchTrib1_I40Xsing	3.9284	432.34	01Jan2006, 13:28	121.73
BigBranchTrib3_I40Xsing	0.9359	257.89	01Jan2006, 12:42	33.88
BigBrnch_AuburnChurchRd_US	1.233	130	01Jan2006, 12:52	31.32
BushBT1_1	0.0988	53.61	01Jan2006, 12:10	4.76
BushBT1_2	0.1312	146.68	01Jan2006, 12:04	10.23
BushB_1	0.2184	164.8	01Jan2006, 12:15	17.12
BushB_2	0.1747	92.03	01Jan2006, 12:13	9.29
BushB_3	0.177	112.57	01Jan2006, 12:11	10.39
BushB_4	0.1027	79.19	01Jan2006, 12:07	6.3
Bushy Branch Generic Reservoir	0.972	770.1	01Jan2006, 12:24	73.95
CBT1_1	0.0096	4.97	01Jan2006, 12:00	0.3

CBT1_2	0.0184	18.76	01Jan2006, 12:00	1.05
CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
CB_1	0.0436	44.69	01Jan2006, 12:03	2.95
CB_2	0.0701	65.39	01Jan2006, 12:01	3.88
CB_3	0.1607	92.76	01Jan2006, 12:15	9.67
CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
Cary Towne Blvd	1.4288	684.06	01Jan2006, 12:24	118.88
DortheaDixFarmPnd_WCT16	0.2939	79.32	01Jan2006, 12:20	8.58
GB_1	0.2347	169	01Jan2006, 12:14	16.79
GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
GatlingBranch_I40Xsing	0.401	234.35	01Jan2006, 12:22	25.63
I-440 Beltline	0.5468	117.58	01Jan2006, 13:01	32.42
J_BBT1_1	5.8992	581.02	01Jan2006, 13:54	195.7
J_BBT1_1_BB_2	11.6903	1137.86	01Jan2006, 13:32	366.1
J_BBT1_2	4.2004	446.93	01Jan2006, 13:40	132.67
J_BBT1_3	3.9284	432.34	01Jan2006, 13:28	121.73
J_BBT2_1	0.508	144.61	01Jan2006, 12:36	20.12
J_BBT2_1_BB_3	5.3834	562.5	01Jan2006, 13:08	156.9
J_BBT2_2	0.2702	96.69	01Jan2006, 12:19	10.51
J_BBT2_3	0.1698	69.84	01Jan2006, 12:13	6.91
J_BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
J_BBT3A_1	0.2329	51.6	01Jan2006, 12:24	6.79
J_BBT3A_1_BBT3_3	0.6816	200.65	01Jan2006, 12:27	23.45
J_BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
J_BBT3_1	1.1985	304.17	01Jan2006, 12:49	43.64
J_BBT3_1_BBT1_2	5.3988	540.11	01Jan2006, 13:32	176.31
J_BBT3_2	0.9359	257.89	01Jan2006, 12:42	33.88
J_BBT3_3	0.4486	150.87	01Jan2006, 12:28	16.65
J_BBT3_4	0.2998	129.41	01Jan2006, 12:18	13.06
J_BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
J_BBT4A_1	0.239	67.98	01Jan2006, 12:13	6.94
J_BBT4A_1_BBT4_2	0.7267	87.34	01Jan2006, 12:29	16.72
J_BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
J_BBT4_1	0.9302	114.41	01Jan2006, 12:28	21.71
J_BBT4_2	0.4876	55.55	01Jan2006, 12:32	9.78
J_BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
J_BBT5_1	0.8798	106.41	01Jan2006, 12:58	24.59
J_BBT5_1_BB_7	2.1128	235.66	01Jan2006, 12:55	55.91
J_BBT5_2	0.7384	100.93	01Jan2006, 12:50	21.98
J_BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
J_BB_1	12.0576	1164.8	01Jan2006, 13:47	376.07
J_BB_1_WC_5	43.4548	1802.67	01Jan2006, 19:54	1432.38
J_BB_2	5.7911	601.13	01Jan2006, 13:11	170.4
J_BB_3	4.8754	498.53	01Jan2006, 13:11	136.78
J_BB_4	3.6026	325.83	01Jan2006, 13:20	90.3
J_BB_5	2.4141	251.31	01Jan2006, 13:11	62.71
J_BB_5_BBT4_1	3.3443	314.16	01Jan2006, 13:04	84.42
J_BB_6	2.1187	235.95	01Jan2006, 12:58	55.99
J_BB_7	1.233	130	01Jan2006, 12:52	31.32
J_BushBT1_1	0.3765	277.66	01Jan2006, 12:22	29.55

J_BushBT1_1_BushB_2	1.7003	963.99	01Jan2006, 12:43	122.63
J_BushBT1_2	0.2777	246.65	01Jan2006, 12:08	24.89
J_BushBT1_3	0.1465	148.54	01Jan2006, 12:13	14.68
J_BushBT2_1	0.1979	110.36	01Jan2006, 12:09	10.01
J_BushBT2_2	0.1777	93.36	01Jan2006, 12:10	8.51
J_BushBT2_T4_T5	0.8692	848.55	01Jan2006, 12:13	67.94
J_BushBT3_1	0.2231	280.79	01Jan2006, 12:07	18.87
J_BushBT3_1_BushBT4_2	0.4202	497.91	01Jan2006, 12:06	34.57
J_BushBT3_2	0.1883	263.34	01Jan2006, 12:03	17.54
J_BushBT4_1	0.4765	544.69	01Jan2006, 12:14	41.58
J_BushBT4_2	0.1972	227.82	01Jan2006, 12:04	15.7
J_BushBT4_3	0.1642	216.48	01Jan2006, 12:04	14.68
J_BushBT5_1	0.1949	205.68	01Jan2006, 12:12	16.35
J_BushBT5_2	0.1609	166.07	01Jan2006, 12:07	12.78
J_BushB_1	1.9187	1012.1	01Jan2006, 12:51	139.44
J_BushB_2	1.3238	815.99	01Jan2006, 12:45	93.09
J_BushB_3	1.149	786.51	01Jan2006, 12:32	84.14
J_BushB_4	0.972	745.29	01Jan2006, 12:27	73.87
J_CBT1_1	0.1972	178.39	01Jan2006, 12:14	15.08
J_CBT1_1_CB_3	0.5256	385.6	01Jan2006, 12:15	35.48
J_CBT1_2	0.1876	177.27	01Jan2006, 12:10	14.8
J_CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
J_CB_1	0.6393	406.77	01Jan2006, 12:27	42.14
J_CB_2	0.5958	397.71	01Jan2006, 12:21	39.28
J_CB_3	0.3284	207.77	01Jan2006, 12:15	20.4
J_CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
J_CryTwnBlvdRes_WC_42	1.9907	931.33	01Jan2006, 12:26	155.92
J_GB_1	0.401	234.35	01Jan2006, 12:22	25.63
J_GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
J_PBT1_1	0.1747	8.91	01Jan2006, 12:28	2.21
J_PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
J_PB_1	1.1613	208.35	01Jan2006, 12:52	40.1
J_PB_1_BB_4	4.7639	487.85	01Jan2006, 13:04	130.4
J_PB_2	0.9862	184.81	01Jan2006, 12:43	33.49
J_PB_3	0.6575	161.16	01Jan2006, 12:36	27.52
J_PB_3_PBT1_1	0.8323	169.29	01Jan2006, 12:36	29.73
J_PB_4	0.2727	56.8	01Jan2006, 12:25	8.93
J_RBT1_1	0.2582	356.85	01Jan2006, 12:11	24.95
J_RBT1_1_RB_7	2.3635	798.56	01Jan2006, 12:34	164.71
J_RBT1_2	0.2113	331.98	01Jan2006, 12:03	21.37
J_RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
J_RB_1	3.146	849.46	01Jan2006, 13:06	231.06
J_RB_10	1.4554	603.43	01Jan2006, 12:44	102.97
J_RB_11	1.1918	568.4	01Jan2006, 12:35	84.98
J_RB_12	0.9269	500.47	01Jan2006, 12:28	64.54
J_RB_13	0.6298	317.66	01Jan2006, 12:25	39.66
J_RB_14	0.5006	288.89	01Jan2006, 12:17	33.66
J_RB_15	0.3472	206.96	01Jan2006, 12:07	23.76
J_RB_16	0.2576	128.39	01Jan2006, 12:07	17.69
J_RB_17	0.1645	127.36	01Jan2006, 12:06	9.52

J_RB_1_WC_21	20.4679	2038.27	01Jan2006, 12:54	941.67
J_RB_2	3.0953	843.19	01Jan2006, 13:03	225.26
J_RB_3	2.9041	901.73	01Jan2006, 12:47	214.09
J_RB_4	2.7305	870.55	01Jan2006, 12:43	197.89
J_RB_5	2.5176	807.2	01Jan2006, 12:44	175.92
J_RB_6	2.4713	804.11	01Jan2006, 12:38	174.73
J_RB_7	2.1053	667.25	01Jan2006, 12:35	140.04
J_RB_8	1.9409	656.69	01Jan2006, 12:57	133.6
J_RB_9	1.7677	630.48	01Jan2006, 12:55	115.54
J_SB_1	1.2176	284.78	01Jan2006, 12:24	72.54
J_SB_1_WC_30	8.9555	760.3	01Jan2006, 12:23	444.2
J_SB_2	1.1695	273.52	01Jan2006, 12:21	68.29
J_SB_3	1.0274	233.31	01Jan2006, 12:22	60.43
J_SB_4	0.7737	169.78	01Jan2006, 12:48	46.08
J_SB_5	0.5468	118.42	01Jan2006, 12:56	32.46
J_SB_6	0.5201	262.1	01Jan2006, 12:21	34.25
J_SB_7	0.417	217.97	01Jan2006, 12:24	28.04
J_SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
J_WC37_WCT25_1	3.3506	1003.69	01Jan2006, 13:08	241.68
J_WCT10_1	0.3311	176.84	01Jan2006, 12:25	23.1
J_WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.26
J_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
J_WCT11_1_WC_19	23.3779	2303.68	01Jan2006, 13:38	1100.08
J_WCT11_2	0.342	101	01Jan2006, 12:20	13.31
J_WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
J_WCT12A_1	0.2874	177.89	01Jan2006, 12:21	19.68
J_WCT12A_1_WCT12_4	0.8089	214.26	01Jan2006, 12:19	45.56
J_WCT12A_2	0.2173	144.76	01Jan2006, 12:13	13.2
J_WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
J_WCT12B_1	0.0844	61.94	01Jan2006, 12:08	4.84
J_WCT12_1	1.1374	293.66	01Jan2006, 12:20	73
J_WCT12_1_WC_22	17.1469	1253.89	01Jan2006, 12:35	705.7
J_WCT12_2	0.9312	228.91	01Jan2006, 12:33	50.36
J_WCT12_3	0.8193	217.18	01Jan2006, 12:22	46.25
J_WCT12_4	0.5215	90.23	01Jan2006, 13:13	25.88
J_WCT12_5_1_WCT12B_1	0.2754	78.35	01Jan2006, 12:43	14.96
J_WCT12_5_2	0.4333	84.01	01Jan2006, 13:05	21.34
J_WCT12_6	0.191	66.18	01Jan2006, 12:30	10.6
J_WCT13_1	0.6855	102.76	01Jan2006, 12:22	32.55
J_WCT13_1_WC_23	15.9404	984.47	01Jan2006, 12:28	630.98
J_WCT13_2	0.5049	54.48	01Jan2006, 13:04	20.65
J_WCT13_3	0.4078	163.3	01Jan2006, 12:20	17.39
J_WCT13_4	0.2575	112.21	01Jan2006, 12:12	11.24
J_WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
J_WCT14_1	0.3417	205.03	01Jan2006, 12:17	19.15
J_WCT14_1_WC_24	14.6682	819.44	01Jan2006, 12:17	571.47
J_WCT14_2	0.2542	145.98	01Jan2006, 12:09	12.58
J_WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
J_WCT15_1	0.3746	251.63	01Jan2006, 12:10	30.03
J_WCT15_1_WC_25	14.269	724.57	01Jan2006, 12:09	554.99

J_WCT15_2	0.2481	139.43	01Jan2006, 12:16	15.25
J_WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
J_WCT16_1	0.305	80.57	01Jan2006, 12:23	8.95
J_WCT16_1_WC_26	13.5417	611.28	01Jan2006, 18:57	498.28
J_WCT16_2	0.2939	79.32	01Jan2006, 12:20	8.58
J_WCT16_3	0.2106	85.96	01Jan2006, 12:10	6.73
J_WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
J_WCT17_1	1.0661	317.89	01Jan2006, 12:45	43.29
J_WCT17_1_WC_27	13.2146	610.4	01Jan2006, 18:51	488.19
J_WCT17_2	0.7076	285.88	01Jan2006, 12:22	36.19
J_WCT17_3	0.6196	245.27	01Jan2006, 12:17	30.52
J_WCT17_4	0.4336	201.1	01Jan2006, 12:26	22.36
J_WCT17_5	0.2541	144.97	01Jan2006, 12:25	12.92
J_WCT17_6	0.2078	137.27	01Jan2006, 12:17	10.71
J_WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
J_WCT18_1	0.5326	346.15	01Jan2006, 12:28	44.21
J_WCT18_2	0.3909	383.58	01Jan2006, 12:14	32.69
J_WCT18_3	0.2968	302.69	01Jan2006, 12:07	24.04
J_WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
J_WCT19_1	0.3147	234.9	01Jan2006, 12:13	19.71
J_WCT19_2	0.1616	169.23	01Jan2006, 12:08	12.78
J_WCT1_1	0.5662	201.46	01Jan2006, 12:28	26.44
J_WCT1_1_WC_2	45.4576	1732.6	01Jan2006, 22:10	1206.52
J_WCT1_2	0.2847	106.68	01Jan2006, 12:23	12.68
J_WCT1_3	0.2476	95.56	01Jan2006, 12:17	10.29
J_WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
J_WCT20_1	0.2318	279.06	01Jan2006, 12:16	22.23
J_WCT20_1_WC_32	7.3276	510.47	01Jan2006, 15:45	351.03
J_WCT20_2	0.2266	278.12	01Jan2006, 12:14	22.04
J_WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
J_WCT21_1	0.2359	137.4	01Jan2006, 12:12	14.83
J_WCT21_2	0.2181	135.75	01Jan2006, 12:09	14.59
J_WCT21_3	0.1657	101.42	01Jan2006, 12:15	11.18
J_WCT22_1	0.5905	433.2	01Jan2006, 12:42	60.8
J_WCT22_1_WC_34	5.2179	1599.5	01Jan2006, 12:51	387.16
J_WCT22_2	0.5242	426.48	01Jan2006, 12:26	56.28
J_WCT22_3	0.347	323.2	01Jan2006, 12:21	42.64
J_WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
J_WCT23_1	0.2075	140.12	01Jan2006, 12:18	13.41
J_WCT23_2	0.2045	139.06	01Jan2006, 12:15	13.12
J_WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
J_WCT24_1	0.682	295.96	01Jan2006, 12:41	38.87
J_WCT24_1_WC_36	4.3244	1218.81	01Jan2006, 12:43	305.69
J_WCT24_2	0.6657	293.65	01Jan2006, 12:38	37.67
J_WCT24_3	0.5429	269.99	01Jan2006, 12:24	31.69
J_WCT24_4	0.2916	171.86	01Jan2006, 12:16	17.38
J_WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
J_WCT25_1	0.1626	108.63	01Jan2006, 12:11	9.46
J_WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
J_WCT26_1	0.3096	93.47	01Jan2006, 12:40	17.98

J_WCT26_1_WC_40	2.3827	957.97	01Jan2006, 12:42	177.14
J_WCT26_2	0.2949	90.03	01Jan2006, 12:37	16.51
J_WCT26_3	0.1835	68.63	01Jan2006, 12:18	7.68
J_WCT2_1	0.3015	60.73	01Jan2006, 12:21	8.2
J_WCT2_1_WC_3	44.7396	1738.45	01Jan2006, 21:34	1257.75
J_WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
J_WCT3_1	0.2856	54.74	01Jan2006, 12:22	8.76
J_WCT3_1_WC_4	44.2785	1750.54	01Jan2006, 20:56	1321.98
J_WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
J_WCT4_1	0.2291	50.83	01Jan2006, 12:22	6
J_WCT4_1_WC_6	30.7989	1610.37	01Jan2006, 19:30	1097.03
J_WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
J_WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
J_WCT5_1_1	0.4649	216.34	01Jan2006, 12:31	31.04
J_WCT5_1_1_WC_7	30.4992	1640.8	01Jan2006, 18:48	1151.3
J_WCT5_1_2_WCT5A_1	0.2816	165.76	01Jan2006, 12:20	17.54
J_WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
J_WCT6_1	0.3532	179.42	01Jan2006, 12:15	17.53
J_WCT6_1_WC_8	29.7776	1633.52	01Jan2006, 18:27	1132.31
J_WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
J_WCT7_1	0.3685	156.21	01Jan2006, 12:25	19.81
J_WCT7_1_WC_12	28.26	1845.68	01Jan2006, 16:11	1238.92
J_WCT7_2	0.2674	130.34	01Jan2006, 12:18	14.88
J_WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
J_WCT8A_1	0.272	151.05	01Jan2006, 12:20	16.21
J_WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
J_WCT8_1	1.5766	435.77	01Jan2006, 13:00	95.24
J_WCT8_1_WC_13	27.8836	1841.9	01Jan2006, 15:59	1232.34
J_WCT8_2	1.394	392.25	01Jan2006, 12:48	71.12
J_WCT8_3	1.2056	381.13	01Jan2006, 12:32	59.3
J_WCT8_4	0.769	191.48	01Jan2006, 12:29	32.93
J_WCT8_4_WCT8A_1	1.041	324.17	01Jan2006, 12:26	49.14
J_WCT8_5	0.5591	122.83	01Jan2006, 12:37	21.98
J_WCT8_6	0.3137	80.83	01Jan2006, 12:30	10.9
J_WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
J_WCT9_1	0.6223	308.84	01Jan2006, 12:36	37.77
J_WCT9_1_WC_14	26.1735	1860.26	01Jan2006, 15:26	1170.06
J_WCT9_2	0.5992	306.59	01Jan2006, 12:32	36.76
J_WCT9_3	0.522	293.43	01Jan2006, 12:22	31.8
J_WCT9_4	0.3752	238.04	01Jan2006, 12:17	23.22
J_WCT9_5	0.326	214.96	01Jan2006, 12:12	20.37
J_WCT9_6	0.155	114.91	01Jan2006, 12:09	9.49
J_WC_10_WC_9	29.4145	1635.9	01Jan2006, 18:05	1143.05
J_WC_11	28.8228	1743.54	01Jan2006, 17:01	1206.65
J_WC_12	27.8916	1834.32	01Jan2006, 16:11	1219.11
J_WC_13	26.307	1783.85	01Jan2006, 16:01	1137.1
J_WC_14	25.5512	1835.21	01Jan2006, 15:27	1132.29
J_WC_15	25.1925	1820.29	01Jan2006, 15:25	1110.29
J_WC_15_WCT10_1	25.5237	1834.71	01Jan2006, 15:24	1133.39
J_WC_16	25.1644	1819.41	01Jan2006, 15:22	1109.75

J_WC_17	24.6258	1816.59	01Jan2006, 15:05	1084.69
J_WC_17_GB_1	25.0267	1833.76	01Jan2006, 15:05	1110.32
J_WC_18	23.4895	2010.71	01Jan2006, 14:18	1062.6
J_WC_19	22.9289	2271.43	01Jan2006, 13:39	1078.8
J_WC_2	44.8913	1724.49	01Jan2006, 22:11	1180.08
J_WC_20	20.5012	1943.51	01Jan2006, 13:11	931.5
J_WC_21	17.322	1239.74	01Jan2006, 12:45	710.61
J_WC_22	16.0095	965.62	01Jan2006, 12:35	632.71
J_WC_23	15.2548	886.42	01Jan2006, 12:29	598.43
J_WC_24	14.3265	629.92	01Jan2006, 19:00	552.32
J_WC_25	13.8944	619.88	01Jan2006, 18:58	524.96
J_WC_26	13.2367	606.81	01Jan2006, 18:57	489.33
J_WC_27	12.1485	585.65	01Jan2006, 18:54	444.91
J_WC_28_WCT18_1	12.1198	1925.29	01Jan2006, 12:31	681.23
J_WC_29	9.1984	634.42	01Jan2006, 12:36	449.77
J_WC_29_BushB_1	11.1171	1600.31	01Jan2006, 12:50	589.22
J_WC_3	44.4381	1735.24	01Jan2006, 21:33	1249.56
J_WC_30	7.738	523.52	01Jan2006, 15:54	371.66
J_WC_31	7.3369	510.67	01Jan2006, 15:48	350.89
J_WC_31_WCT19_1	7.6516	566.32	01Jan2006, 12:16	370.6
J_WC_32	7.0958	500.13	01Jan2006, 15:47	328.81
J_WC_33_WCT21_1	6.9932	2024.86	01Jan2006, 12:34	483.16
J_WC_34	4.6274	1226.69	01Jan2006, 13:06	326.36
J_WC_35	4.3433	1219.71	01Jan2006, 12:46	307.43
J_WC_35_WCT23_1	4.5508	1262.42	01Jan2006, 12:44	320.83
J_WC_36	3.6423	1038.84	01Jan2006, 13:07	266.82
J_WC_37	3.188	989.35	01Jan2006, 13:09	232.22
J_WC_38	3.133	1029.07	01Jan2006, 12:49	229.33
J_WC_39	2.4774	912.63	01Jan2006, 12:56	182.12
J_WC_4	43.9929	1747.22	01Jan2006, 20:56	1313.21
J_WC_40	2.073	865.12	01Jan2006, 12:43	159.16
J_WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
J_WC_5	31.3972	1605.77	01Jan2006, 20:06	1056.31
J_WC_6	30.5698	1607.49	01Jan2006, 19:30	1091.03
J_WC_7	30.0343	1629.58	01Jan2006, 18:48	1120.26
J_WC_8	29.4244	1626.08	01Jan2006, 18:27	1114.78
J_WildBT1_1	0.5965	397.78	01Jan2006, 12:22	44.98
J_WildBT1_1_WildB_5	1.3893	601.99	01Jan2006, 12:29	80.98
J_WildBT1_2	0.5604	384.64	01Jan2006, 12:19	42.36
J_WildBT1_3	0.3855	317.83	01Jan2006, 12:18	33.35
J_WildBT1_4	0.2021	188.22	01Jan2006, 12:16	18.65
J_WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
J_WildBT2_1	0.1817	44.93	01Jan2006, 12:18	5.43
J_WildBT2_1_WildB_6	0.7574	247.69	01Jan2006, 12:32	34.94
J_WildBT2_2	0.1578	35.13	01Jan2006, 12:16	4.29
J_WildB_1	2.086	471.22	01Jan2006, 13:18	143.79
J_WildB_1_WC_20	22.5872	2410.89	01Jan2006, 13:14	1075.28
J_WildB_2	1.9683	458.87	01Jan2006, 13:16	131.74
J_WildB_3	1.7985	435.22	01Jan2006, 13:12	111.91
J_WildB_4	1.5056	654.66	01Jan2006, 12:36	91.57

J_WildB_5	0.7927	251.02	01Jan2006, 12:38	36
J_WildB_6	0.5757	218.07	01Jan2006, 12:33	29.51
J_WildB_7	0.5209	209.18	01Jan2006, 12:26	27.42
J_WildB_8	0.1817	79.87	01Jan2006, 12:19	9.11
J_WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98
J_WtsnB_1	1.0213	526.65	01Jan2006, 12:43	66.92
J_WtsnB_1_WC_18	24.5108	2073.04	01Jan2006, 14:16	1129.52
J_WtsnB_2	0.2643	141.22	01Jan2006, 12:04	16.29
J_WtsnB_2_CB_1	0.9036	502.32	01Jan2006, 12:27	58.43
J_WtsnB_3	0.1687	75.28	01Jan2006, 12:20	9.2
J_WtsnB_4	0.1534	72.86	01Jan2006, 12:18	8.41
Lake Raleigh	12.1198	606.98	01Jan2006, 17:52	483.01
Lake_Johnson	6.9932	510.12	01Jan2006, 14:52	337.55
PBT1_1	0.0066	0.9	01Jan2006, 12:09	0.11
PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
PB_1	0.1751	49.5	01Jan2006, 12:22	6.76
PB_2	0.154	24.49	01Jan2006, 12:23	3.86
PB_3	0.3848	128.37	01Jan2006, 12:28	18.69
PB_4_1	0.1089	26.86	01Jan2006, 12:19	3.58
PB_4_2	0.1638	32.57	01Jan2006, 12:29	5.35
Pineview Dr	0.7737	169.43	01Jan2006, 12:51	46.08
PoplarBranch_I40	0.1638	32.56	01Jan2006, 12:30	5.35
Priv_1001_UnderwoodPond_WCT8	0.3137	80.83	01Jan2006, 12:30	10.9
Private15_Ileagnes_WCT12	0.4333	84.01	01Jan2006, 13:05	21.34
Private23_GolfCourseC_WCT12	0.1614	63.02	01Jan2006, 12:30	9.25
Private36_GolfCourseA_WCT12B	0.0844	61.94	01Jan2006, 12:08	4.84
RBT1_1	0.0469	59.78	01Jan2006, 12:01	3.63
RBT1_2	0.0428	79.44	01Jan2006, 11:58	4.35
RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
RB_1	0.0507	79.11	01Jan2006, 12:05	6.02
RB_10	0.2635	251.3	01Jan2006, 12:05	18.26
RB_11	0.265	248.27	01Jan2006, 12:09	20.62
RB_12	0.2971	212.86	01Jan2006, 12:19	24.96
RB_13	0.1292	76.23	01Jan2006, 12:07	6.09
RB_14	0.1534	113.4	01Jan2006, 12:10	9.99
RB_15	0.0896	86.7	01Jan2006, 12:05	6.09
RB_16	0.0931	113.42	01Jan2006, 12:05	8.32
RB_17	0.1645	127.36	01Jan2006, 12:06	9.52
RB_2	0.1911	125.04	01Jan2006, 12:13	12.37
RB_3	0.1736	201.87	01Jan2006, 12:08	16.52
RB_4	0.2129	230.23	01Jan2006, 12:12	22.02
RB_5	0.0463	20.41	01Jan2006, 12:05	1.53
RB_6	0.1078	153.82	01Jan2006, 12:03	10.23
RB_7	0.1644	85.66	01Jan2006, 12:07	7.06
RB_8	0.1732	216.66	01Jan2006, 12:08	18.17
RB_9	0.3123	134.44	01Jan2006, 12:11	12.98
R_BBT1_1	5.3988	540.11	01Jan2006, 13:57	174.12
R_BBT1_2	3.9284	432.34	01Jan2006, 13:40	120.98
R_BBT2_1_1	0.2702	94.15	01Jan2006, 12:35	10.44
R_BBT2_1_2	0.2702	94.15	01Jan2006, 12:24	10.49

R_BBT2_2	0.1698	69.84	01Jan2006, 12:19	6.9
R_BBT2_3	0.16	67.94	01Jan2006, 12:13	6.52
R_BBT3A_1	0.2052	49.92	01Jan2006, 12:24	6.41
R_BBT3_1	0.9359	257.89	01Jan2006, 12:51	33.75
R_BBT3_2	0.6816	200.65	01Jan2006, 12:40	23.31
R_BBT3_3	0.2998	129.41	01Jan2006, 12:28	13
R_BBT3_4	0.1852	101.03	01Jan2006, 12:19	9.5
R_BBT4A_1	0.2035	60.78	01Jan2006, 12:13	6.09
R_BBT4_1	0.7267	87.34	01Jan2006, 12:43	16.6
R_BBT4_2	0.176	24.29	01Jan2006, 12:32	3.06
R_BBT5_1	0.7384	100.93	01Jan2006, 12:58	21.89
R_BBT5_2	0.6041	93.71	01Jan2006, 12:51	19.79
R_BB_1	11.6903	1137.86	01Jan2006, 13:47	363.35
R_BB_2	5.3834	562.5	01Jan2006, 13:29	155.26
R_BB_3	4.7639	487.85	01Jan2006, 13:11	129.93
R_BB_4	3.3443	314.16	01Jan2006, 13:20	83.7
R_BB_5	2.1187	235.95	01Jan2006, 13:12	55.58
R_BB_6	2.1128	235.66	01Jan2006, 12:58	55.82
R_BushBT1_1	0.2777	246.65	01Jan2006, 12:23	24.78
R_BushBT1_2	0.1465	148.54	01Jan2006, 12:17	14.66
R_BushBT3_1	0.1883	263.34	01Jan2006, 12:07	17.53
R_BushBT4_1	0.4202	497.91	01Jan2006, 12:15	34.49
R_BushBT5_1	0.1609	166.07	01Jan2006, 12:13	12.76
R_BushB_1	1.7003	963.99	01Jan2006, 12:51	122.32
R_BushB_2	1.149	786.51	01Jan2006, 12:45	83.79
R_BushB_3_1	0.972	739.68	01Jan2006, 12:33	73.75
R_BushB_3_2	0.972	745.29	01Jan2006, 12:31	73.78
R_BushB_4_1	0.972	745.29	01Jan2006, 12:27	73.87
R_BushB_4_2	0.8692	848.55	01Jan2006, 12:19	67.82
R_CBT1_1	0.1876	177.27	01Jan2006, 12:14	14.79
R_CBT1_2	0.1693	171.59	01Jan2006, 12:11	13.75
R_CB_1	0.5958	397.71	01Jan2006, 12:27	39.2
R_CB_2	0.5256	385.6	01Jan2006, 12:22	35.4
R_CB_3	0.1677	115.07	01Jan2006, 12:16	10.73
R_GB_1	0.1663	100.03	01Jan2006, 12:26	8.86
R_PBT1_1	0.1682	8.5	01Jan2006, 12:28	2.1
R_PB_1	0.9862	184.81	01Jan2006, 12:53	33.34
R_PB_2	0.8323	169.29	01Jan2006, 12:44	29.63
R_PB_3	0.2727	56.8	01Jan2006, 12:49	8.83
R_RBT1_1	0.2113	331.98	01Jan2006, 12:12	21.32
R_RBT1_2	0.1685	275.69	01Jan2006, 12:04	17.02
R_RB_1	3.0953	843.19	01Jan2006, 13:06	225.04
R_RB_10	1.1918	568.4	01Jan2006, 12:45	84.71
R_RB_11	0.9269	500.47	01Jan2006, 12:36	64.37
R_RB_12	0.6298	317.66	01Jan2006, 12:31	39.58
R_RB_13	0.5006	288.89	01Jan2006, 12:25	33.57
R_RB_14_1	0.3472	201.1	01Jan2006, 12:20	23.67
R_RB_14_2	0.3472	206.96	01Jan2006, 12:17	23.68
R_RB_15	0.2576	128.39	01Jan2006, 12:10	17.67
R_RB_16_1	0.1645	53.12	01Jan2006, 12:29	9.37

R_RB_16_2	0.1645	53.12	01Jan2006, 12:21	9.4
R_RB_2	2.9041	820.88	01Jan2006, 13:06	212.9
R_RB_3	2.7305	870.55	01Jan2006, 12:48	197.57
R_RB_4	2.5176	807.2	01Jan2006, 12:45	175.87
R_RB_5	2.4713	804.11	01Jan2006, 12:44	174.39
R_RB_6	2.3635	785.38	01Jan2006, 12:38	164.5
R_RB_7	1.9409	656.69	01Jan2006, 13:11	132.98
R_RB_8	1.7677	630.48	01Jan2006, 12:58	115.43
R_RB_9	1.4554	603.43	01Jan2006, 12:56	102.57
R_SB_1	1.1695	273.21	01Jan2006, 12:25	68.12
R_SB_2	1.0274	233.09	01Jan2006, 12:25	60.34
R_SB_3	0.7737	169.39	01Jan2006, 12:54	45.98
R_SB_4	0.5468	117.54	01Jan2006, 13:06	32.3
R_SB_7	0.1701	127.21	01Jan2006, 12:21	13.15
R_WCT10_1	0.2318	114.54	01Jan2006, 12:31	14.22
R_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
R_WCT11_2	0.16	35.34	01Jan2006, 12:29	4.71
R_WCT12A_1	0.2173	144.76	01Jan2006, 12:23	13.15
R_WCT12A_2	0.1534	91.28	01Jan2006, 12:13	8.26
R_WCT12B_1	0.0844	61.94	01Jan2006, 12:13	4.84
R_WCT12_1	0.9312	228.91	01Jan2006, 12:43	50.16
R_WCT12_2	0.8193	217.18	01Jan2006, 12:28	46.15
R_WCT12_3	0.8089	214.26	01Jan2006, 12:22	45.51
R_WCT12_4	0.4333	84.01	01Jan2006, 13:14	21.26
R_WCT12_5_1	0.191	66.18	01Jan2006, 12:37	10.58
R_WCT12_5_2	0.2754	78.35	01Jan2006, 12:47	14.94
R_WCT13_1	0.5049	54.48	01Jan2006, 13:21	20.46
R_WCT13_2	0.4078	163.3	01Jan2006, 12:28	17.33
R_WCT13_3	0.2575	112.21	01Jan2006, 12:22	11.2
R_WCT13_4	0.1561	61.83	01Jan2006, 12:16	6.35
R_WCT14_1	0.2542	145.98	01Jan2006, 12:19	12.54
R_WCT14_2_1	0.1748	75.96	01Jan2006, 12:13	6.37
R_WCT14_2_2	0.1748	75.96	01Jan2006, 12:09	6.38
R_WCT15_1	0.2481	139.43	01Jan2006, 12:25	15.21
R_WCT15_2	0.1794	100.98	01Jan2006, 12:19	10.11
R_WCT16_1	0.2939	79.32	01Jan2006, 12:23	8.57
R_WCT16_2	0.2106	85.96	01Jan2006, 12:15	6.72
R_WCT16_3	0.1646	77.79	01Jan2006, 12:10	5.66
R_WCT17_1	0.7076	285.88	01Jan2006, 12:45	35.86
R_WCT17_2	0.6196	245.27	01Jan2006, 12:19	30.5
R_WCT17_3	0.4336	201.1	01Jan2006, 12:31	22.32
R_WCT17_4	0.2541	144.97	01Jan2006, 12:28	12.91
R_WCT17_5	0.2078	137.27	01Jan2006, 12:24	10.68
R_WCT17_7	0.1909	133.64	01Jan2006, 12:17	9.87
R_WCT18_1	0.3909	383.58	01Jan2006, 12:21	32.62
R_WCT18_2	0.2968	302.69	01Jan2006, 12:16	23.98
R_WCT18_3	0.2071	226.38	01Jan2006, 12:09	18.21
R_WCT19_1	0.1616	169.23	01Jan2006, 12:18	12.74
R_WCT1_1	0.2847	106.68	01Jan2006, 12:33	12.63
R_WCT1_2	0.2476	95.56	01Jan2006, 12:24	10.26

R_WCT1_3	0.1611	62.73	01Jan2006, 12:18	6.67
R_WCT20_1	0.2266	278.12	01Jan2006, 12:16	22.03
R_WCT20_2	0.169	229.73	01Jan2006, 12:15	17.25
R_WCT21_1	0.2181	135.75	01Jan2006, 12:12	14.57
R_WCT21_2	0.1657	101.42	01Jan2006, 12:20	11.16
R_WCT22_1	0.5242	426.48	01Jan2006, 12:38	56.11
R_WCT22_2	0.347	323.2	01Jan2006, 12:30	42.55
R_WCT22_3	0.2027	293.05	01Jan2006, 12:11	23.71
R_WCT23_1	0.2045	139.06	01Jan2006, 12:18	13.1
R_WCT23_2	0.1653	116.23	01Jan2006, 12:17	9.84
R_WCT24_1	0.6657	293.65	01Jan2006, 12:41	37.63
R_WCT24_2	0.5429	269.99	01Jan2006, 12:39	31.52
R_WCT24_3	0.2916	159.52	01Jan2006, 12:28	17.3
R_WCT24_4	0.1858	139.66	01Jan2006, 12:18	12.01
R_WCT25_1	0.1569	104.05	01Jan2006, 12:11	9.01
R_WCT26_1	0.2949	90.03	01Jan2006, 12:41	16.49
R_WCT26_2	0.1835	68.63	01Jan2006, 12:26	7.66
R_WCT2_1	0.1566	29.38	01Jan2006, 12:22	3.84
R_WCT3_1	0.1582	24.66	01Jan2006, 12:34	4.1
R_WCT4_1	0.1483	40.65	01Jan2006, 12:23	4.35
R_WCT5A_1	0.1308	101.98	01Jan2006, 12:10	8.69
R_WCT5_1_1	0.2816	165.76	01Jan2006, 12:35	17.45
R_WCT5_1_2	0.1508	103.56	01Jan2006, 12:24	8.85
R_WCT6_1	0.152	83.04	01Jan2006, 12:16	7.52
R_WCT7_1	0.2674	130.34	01Jan2006, 12:28	14.83
R_WCT7_2	0.2009	101.01	01Jan2006, 12:19	11.44
R_WCT7_2_1	0.2009	101.01	01Jan2006, 12:20	11.43
R_WCT8A_1	0.1499	80.74	01Jan2006, 12:20	8.12
R_WCT8_1	1.394	392.25	01Jan2006, 13:01	70.77
R_WCT8_2	1.2056	381.13	01Jan2006, 12:43	59.05
R_WCT8_3	1.041	324.17	01Jan2006, 12:34	48.98
R_WCT8_4	0.5591	122.83	01Jan2006, 12:54	21.82
R_WCT8_5	0.3137	80.83	01Jan2006, 12:41	10.84
R_WCT8_6	0.1524	63.05	01Jan2006, 12:23	6.57
R_WCT9_1	0.5992	306.59	01Jan2006, 12:36	36.71
R_WCT9_2	0.522	293.43	01Jan2006, 12:32	31.69
R_WCT9_3	0.3752	238.04	01Jan2006, 12:23	23.17
R_WCT9_4	0.326	214.96	01Jan2006, 12:18	20.32
R_WCT9_5	0.155	114.91	01Jan2006, 12:11	9.49
R_WC_1	45.4576	1690.89	01Jan2006, 23:15	1045.1
R_WC_11	28.26	1726.76	01Jan2006, 17:02	1168.35
R_WC_12	27.8836	1834.1	01Jan2006, 16:11	1218.68
R_WC_13	26.1735	1779.51	01Jan2006, 16:01	1129.05
R_WC_14	25.5237	1834.3	01Jan2006, 15:27	1130.81
R_WC_15	25.1644	1818.84	01Jan2006, 15:25	1106.78
R_WC_16	25.0267	1811.83	01Jan2006, 15:22	1092.43
R_WC_17	24.5108	1809.92	01Jan2006, 15:05	1070.7
R_WC_18	23.3779	2005.71	01Jan2006, 14:18	1056.8
R_WC_19	22.5872	2245	01Jan2006, 13:40	1053.39
R_WC_2	44.7396	1722.46	01Jan2006, 22:11	1173.73

R_WC_20	20.4679	1940.14	01Jan2006, 13:11	928.04
R_WC_21	17.1469	1201.16	01Jan2006, 12:47	698.24
R_WC_22	15.9404	951.2	01Jan2006, 12:36	626.1
R_WC_23	14.6682	634.23	01Jan2006, 19:23	554.54
R_WC_24	14.269	628.34	01Jan2006, 19:01	546.52
R_WC_25	13.5417	611.05	01Jan2006, 18:58	496.84
R_WC_26	13.2146	606.17	01Jan2006, 18:57	486.59
R_WC_27	12.1198	584.79	01Jan2006, 18:55	441.22
R_WC_29	8.9555	579.02	01Jan2006, 16:04	436.31
R_WC_3	44.2785	1732.82	01Jan2006, 21:34	1241.54
R_WC_30	7.6516	520.84	01Jan2006, 15:55	366.84
R_WC_31	7.3276	510.4	01Jan2006, 15:48	350.44
R_WC_32	6.9932	497.09	01Jan2006, 15:48	323.84
R_WC_34	4.5508	1218.79	01Jan2006, 13:06	319.42
R_WC_35	4.3244	1216.89	01Jan2006, 12:47	305.49
R_WC_36	3.3506	996.87	01Jan2006, 13:23	241.23
R_WC_37	3.133	985.48	01Jan2006, 13:09	229.3
R_WC_38	2.4774	839.5	01Jan2006, 13:09	181.82
R_WC_39	2.3827	903.59	01Jan2006, 12:56	176.25
R_WC_4	43.4548	1740.54	01Jan2006, 20:56	1294.66
R_WC_40	1.9907	851.86	01Jan2006, 12:43	154.97
R_WC_41	0.8865	344.41	01Jan2006, 12:48	57.75
R_WC_5	30.7989	1598.39	01Jan2006, 20:07	1039.86
R_WC_6	30.4992	1606.27	01Jan2006, 19:30	1087.8
R_WC_7	29.7776	1623.24	01Jan2006, 18:49	1101.72
R_WC_8	29.4145	1625.9	01Jan2006, 18:27	1114.37
R_WC_9	28.8228	1622.07	01Jan2006, 18:06	1112.07
R_WildBT1_1	0.5604	384.64	01Jan2006, 12:23	42.31
R_WildBT1_2	0.3855	317.83	01Jan2006, 12:23	33.3
R_WildBT1_3	0.2021	188.22	01Jan2006, 12:24	18.61
R_WildBT1_4	0.1682	184.29	01Jan2006, 12:13	14.77
R_WildBT2_1	0.1578	35.13	01Jan2006, 12:22	4.27
R_WildB_1	1.9683	458.87	01Jan2006, 13:18	131.66
R_WildB_2	1.7985	435.22	01Jan2006, 13:17	111.72
R_WildB_3	1.5056	654.66	01Jan2006, 12:48	91.19
R_WildB_4	1.3893	601.99	01Jan2006, 12:39	80.7
R_WildB_5	0.7574	247.69	01Jan2006, 12:38	34.86
R_WildB_6	0.5209	209.18	01Jan2006, 12:34	27.33
R_WildB_7	0.1817	79.87	01Jan2006, 12:25	9.09
R_WildB_8	0.1569	75.95	01Jan2006, 12:19	7.97
R_WtsnB_1	0.9036	502.32	01Jan2006, 12:43	58.11
R_WtsnB_2	0.1687	75.27	01Jan2006, 12:25	9.18
R_WtsnB_3	0.1534	72.86	01Jan2006, 12:20	8.41
RockyTrib1 Generic Reservoir	0.2582	145.04	01Jan2006, 12:23	24.67
SB_1	0.0481	72.77	01Jan2006, 12:01	4.42
SB_2	0.142	104.41	01Jan2006, 12:06	7.96
SB_3	0.2538	127.49	01Jan2006, 12:18	14.46
SB_4	0.2269	96.16	01Jan2006, 12:28	13.78
SB_5	0.0267	29.17	01Jan2006, 12:03	1.9
SB_6	0.103	69.31	01Jan2006, 12:10	6.21

SB_7	0.247	98.2	01Jan2006, 12:31	14.9
SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
WCLAKRA_LakeRaleighA_WCT18	0.5326	346.15	01Jan2006, 12:28	44.21
WCT10_1	0.0994	84.35	01Jan2006, 12:15	8.88
WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.27
WCT10_MLK	0.2318	114.54	01Jan2006, 12:22	14.26
WCT11_1	0.107	86.01	01Jan2006, 12:12	8.11
WCT11_2	0.182	80.42	01Jan2006, 12:15	8.59
WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
WCT11_I40	0.449	179.82	01Jan2006, 12:16	21.41
WCT12A_1	0.0701	87.85	01Jan2006, 12:06	6.52
WCT12A_2	0.0638	54.33	01Jan2006, 12:11	4.94
WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
WCT12B_1	0.0844	70.79	01Jan2006, 12:04	4.89
WCT12_1	0.2062	271.51	01Jan2006, 12:08	23.11
WCT12_2	0.0529	28.12	01Jan2006, 12:13	2.83
WCT12_3	0.0104	11.34	01Jan2006, 12:03	0.75
WCT12_4	0.0882	57.85	01Jan2006, 12:07	4.63
WCT12_5_1	0.1579	60.17	01Jan2006, 12:18	7.19
WCT12_5_2	0.0296	23.61	01Jan2006, 12:00	1.36
WCT12_6	0.1614	84.37	01Jan2006, 12:17	9.45
WCT12_I40	1.1374	293.66	01Jan2006, 12:20	73
WCT12_RR_Xsing	0.2754	78.35	01Jan2006, 12:43	14.96
WCT12_SouthSaundersSt	0.9312	228.91	01Jan2006, 12:33	50.36
WCT13_1	0.1616	99	01Jan2006, 12:20	11.87
WCT13_2	0.0971	72.05	01Jan2006, 12:08	5.77
WCT13_3	0.1502	55.25	01Jan2006, 12:15	6.19
WCT13_4	0.1014	58.74	01Jan2006, 12:08	4.89
WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
WCT13_I40	0.6855	102.76	01Jan2006, 12:22	32.55
WCT13_RRXsing	0.6855	102.76	01Jan2006, 12:22	32.55
WCT14_1	0.0875	77.97	01Jan2006, 12:09	6.61
WCT14_2	0.0794	88.15	01Jan2006, 12:05	6.22
WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
WCT15_1	0.1265	187.59	01Jan2006, 12:06	14.82
WCT15_2	0.0686	68.36	01Jan2006, 12:06	5.15
WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
WCT15_I40	0.2481	139.43	01Jan2006, 12:16	15.25
WCT16_1	0.0111	5.92	01Jan2006, 12:02	0.38
WCT16_2	0.0834	27.32	01Jan2006, 12:02	1.96
WCT16_3	0.0459	8.56	01Jan2006, 12:13	1.07
WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
WCT17_1	0.3585	35.01	01Jan2006, 12:35	7.42
WCT17_2	0.088	68.06	01Jan2006, 12:06	5.01
WCT17_3	0.186	80.53	01Jan2006, 12:13	8.2
WCT17_4	0.1796	99.23	01Jan2006, 12:12	9.46
WCT17_5	0.0463	30.43	01Jan2006, 12:05	2.25
WCT17_6	0.0169	13.42	01Jan2006, 12:02	0.84
WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
WCT17_I40	0.7076	285.88	01Jan2006, 12:22	36.19

WCT17_LineberryDr	0.2541	144.97	01Jan2006, 12:25	12.92
WCT18_1	0.1417	201.84	01Jan2006, 12:00	11.77
WCT18_2	0.0941	111.34	01Jan2006, 12:07	8.71
WCT18_3	0.0897	87.34	01Jan2006, 12:04	5.83
WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
WCT19_1	0.153	83.95	01Jan2006, 12:08	6.97
WCT19_2	0.1616	179.18	01Jan2006, 12:05	12.78
WCT19_Thistledown	0.1616	169.23	01Jan2006, 12:08	12.78
WCT1_1	0.2815	113.29	01Jan2006, 12:20	13.81
WCT1_2	0.0371	33.33	01Jan2006, 12:05	2.42
WCT1_3	0.0866	34.04	01Jan2006, 12:14	3.61
WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
WCT20_1	0.0052	2.91	01Jan2006, 12:03	0.19
WCT20_2	0.0576	60.69	01Jan2006, 12:07	4.79
WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
WCT21_1	0.0178	2.05	01Jan2006, 12:07	0.26
WCT21_2	0.0524	50.62	01Jan2006, 12:04	3.42
WCT21_3	0.1657	144.14	01Jan2006, 12:07	11.19
WCT21_I40	0.1657	101.42	01Jan2006, 12:15	11.18
WCT22_1	0.0664	53.93	01Jan2006, 12:10	4.73
WCT22_2	0.1772	120.26	01Jan2006, 12:18	13.73
WCT22_3	0.1443	189.84	01Jan2006, 12:11	19.03
WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
WCT22_I40_US	0.347	323.2	01Jan2006, 12:21	42.64
WCT22_I440_DS	0.5905	433.2	01Jan2006, 12:42	60.8
WCT23_1	0.003	4.98	01Jan2006, 12:01	0.3
WCT23_2	0.0392	46.44	01Jan2006, 12:05	3.28
WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
WCT24_1	0.0164	18.36	01Jan2006, 12:04	1.24
WCT24_2	0.1228	61.97	01Jan2006, 12:13	6.14
WCT24_3	0.2513	128.84	01Jan2006, 12:17	14.39
WCT24_4	0.1057	75.55	01Jan2006, 12:05	5.37
WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
WCT25_1	0.0057	6.51	01Jan2006, 12:04	0.44
WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
WCT26_1	0.0147	18.69	01Jan2006, 12:07	1.5
WCT26_2	0.1115	110.38	01Jan2006, 12:10	9.89
WCT26_3	0.1835	73.27	01Jan2006, 12:14	7.7
WCT26_I40	0.2949	90.03	01Jan2006, 12:37	16.51
WCT26_WesternBlvd	0.1835	68.63	01Jan2006, 12:18	7.68
WCT2_1	0.145	31.6	01Jan2006, 12:20	4.35
WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
WCT3_1	0.1274	40.66	01Jan2006, 12:15	4.66
WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
WCT4_1	0.0808	10.5	01Jan2006, 12:18	1.65
WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
WCT5_1	0.1833	162.28	01Jan2006, 12:09	13.59
WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
WCT6_1	0.2012	97.45	01Jan2006, 12:14	10.01

GLOBAL SUMMARY
Existing Conditions 1-Year 24-Hour Storm

WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
WCT7_1	0.101	56.98	01Jan2006, 12:09	4.98
WCT7_2	0.0666	37.73	01Jan2006, 12:10	3.45
WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
WCT8A_1	0.1221	70.72	01Jan2006, 12:18	8.09
WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
WCT8_1	0.1826	218.42	01Jan2006, 12:15	24.47
WCT8_2	0.1885	137.87	01Jan2006, 12:10	12.21
WCT8_3	0.1646	98.94	01Jan2006, 12:15	10.32
WCT8_4	0.2099	82.85	01Jan2006, 12:24	11.11
WCT8_5	0.2454	109.69	01Jan2006, 12:13	11.14
WCT8_6	0.1614	28.41	01Jan2006, 12:24	4.46
WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
WCT8_I40	1.394	392.25	01Jan2006, 12:48	71.12
WCT9_1	0.0231	16.68	01Jan2006, 12:02	1.06
WCT9_2	0.0772	75.55	01Jan2006, 12:04	5.07
WCT9_3	0.1468	102.15	01Jan2006, 12:09	8.67
WCT9_4	0.0492	35.9	01Jan2006, 12:08	2.89
WCT9_5	0.171	103.98	01Jan2006, 12:15	10.88
WCT9_6	0.155	115	01Jan2006, 12:08	9.5
WCT9_MLK	0.522	293.43	01Jan2006, 12:22	31.8
WCT9_PooleRd	0.155	114.91	01Jan2006, 12:09	9.49
WC_1	0.6191	223.28	01Jan2006, 12:26	31.33
WC_10	0.3731	133.83	01Jan2006, 12:26	18.77
WC_11	0.5628	383.06	01Jan2006, 12:14	38.3
WC_12	0.008	6.64	01Jan2006, 12:03	0.43
WC_13	0.1335	91.35	01Jan2006, 12:10	8.05
WC_14	0.0276	21.11	01Jan2006, 12:04	1.48
WC_15	0.0282	49.45	01Jan2006, 12:03	3.51
WC_16	0.1376	174.07	01Jan2006, 12:12	17.32
WC_17	0.115	144.08	01Jan2006, 12:11	13.98
WC_18	0.1116	57.01	01Jan2006, 12:14	5.81
WC_19	0.3417	259.68	01Jan2006, 12:13	25.41
WC_2	0.1517	52.22	01Jan2006, 12:18	6.35
WC_20	0.0332	56.72	01Jan2006, 12:01	3.45
WC_21	0.076	40.33	01Jan2006, 12:17	4.52
WC_22	0.0499	76.67	01Jan2006, 12:03	5.15
WC_23	0.5254	330.16	01Jan2006, 12:21	40.5
WC_24	0.0575	73.83	01Jan2006, 12:07	5.8
WC_25	0.3527	350.47	01Jan2006, 12:08	28.12
WC_26	0.0221	40.9	01Jan2006, 12:02	2.74
WC_27	0.0287	49.44	01Jan2006, 12:04	3.68
WC_28	0.4701	538.17	01Jan2006, 12:10	47.81
WC_29	0.2428	118.06	01Jan2006, 12:18	13.47
WC_3	0.1596	75.3	01Jan2006, 12:15	8.02
WC_30	0.0864	66.64	01Jan2006, 12:05	4.82
WC_31	0.0093	6.26	01Jan2006, 12:05	0.45
WC_32	0.1026	57.37	01Jan2006, 12:09	4.97
WC_33	1.5394	672.22	01Jan2006, 12:20	81.17
WC_34	0.0766	104.45	01Jan2006, 12:03	6.94

WC_35	0.019	27.89	01Jan2006, 12:04	1.94
WC_36	0.2917	242.4	01Jan2006, 12:15	25.58
WC_37	0.055	42.81	01Jan2006, 12:04	2.92
WC_38	0.6557	324.64	01Jan2006, 12:30	47.51
WC_39	0.0947	80.24	01Jan2006, 12:06	5.87
WC_4	0.5381	155.76	01Jan2006, 12:16	18.55
WC_40	0.0823	43.16	01Jan2006, 12:12	4.19
WC_41	0.5422	531.78	01Jan2006, 12:17	61.13
WC_42	0.5619	252.82	01Jan2006, 12:30	37.04
WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
WC_5	0.5983	85.55	01Jan2006, 12:36	16.45
WC_6	0.0706	35.73	01Jan2006, 12:10	3.23
WC_7	0.2568	190.07	01Jan2006, 12:13	18.54
WC_8	0.0099	5.38	01Jan2006, 12:06	0.41
WC_9	0.2186	90.04	01Jan2006, 12:25	12.21
Watson Generic Reservoir	0.1687	75.27	01Jan2006, 12:20	9.2
White Oak Lake	0.5201	115.78	01Jan2006, 12:57	30.55
WildBT1_1	0.0362	36.04	01Jan2006, 12:06	2.67
WildBT1_2	0.1749	101.85	01Jan2006, 12:10	9.06
WildBT1_3	0.1834	152.24	01Jan2006, 12:13	14.74
WildBT1_4	0.0339	60.26	01Jan2006, 12:01	3.89
WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
WildBT2_1	0.0239	12.54	01Jan2006, 12:11	1.16
WildBT2_2	0.1578	35.55	01Jan2006, 12:14	4.29
WildBTrb1_Tryon_And_Chapanoke	0.2021	188.22	01Jan2006, 12:16	18.65
WildB_1	0.1177	150.1	01Jan2006, 12:07	12.13
WildB_2	0.1698	199.2	01Jan2006, 12:12	20.03
WildB_3	0.2929	166.55	01Jan2006, 12:22	20.87
WildB_4	0.1163	99.57	01Jan2006, 12:16	10.87
WildB_5	0.0353	12.61	01Jan2006, 12:08	1.14
WildB_6	0.0548	22.51	01Jan2006, 12:11	2.18
WildB_7	0.3393	129.63	01Jan2006, 12:27	18.33
WildB_8	0.0248	19.55	01Jan2006, 12:01	1.15
WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98
WildBrnchT2_RRXsing	0.1578	35.13	01Jan2006, 12:16	4.29
WildcatBranch_I40Xsing	1.9683	458.87	01Jan2006, 13:16	131.74
WildcatBranch_RRXsing	1.7985	435.22	01Jan2006, 13:12	111.91
WtsnB_1	0.1177	99.56	01Jan2006, 12:10	8.81
WtsnB_2	0.0956	109.61	01Jan2006, 12:03	7.1
WtsnB_3	0.0154	14.1	01Jan2006, 12:00	0.79
WtsnB_4	0.1534	72.86	01Jan2006, 12:18	8.41

GLOBAL SUMMARY
Existing Conditions 2-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0767	2520.33	01Jan2006, 23:13	1686.09
72_CarolinaPines_WCT13	0.5049	98.84	01Jan2006, 12:59	32.76
AreaA	0.0612	50.89	01Jan2006, 12:14	5.09
AreaB1	0.019	4.41	01Jan2006, 12:07	0.46
AreaB2	0.059	25.75	01Jan2006, 12:10	2.51
AreaC1	0.0193	26.1	01Jan2006, 12:07	2.07
AreaC2	0.099	117.65	01Jan2006, 12:12	11.03
Avent Ferry Dr	1.1695	424.11	01Jan2006, 12:20	101.7
BBT1_1	0.5004	181.61	01Jan2006, 12:44	33.84
BBT1_2	0.272	174.44	01Jan2006, 12:15	18.36
BBT1_3	3.9284	845.11	01Jan2006, 13:07	209.77
BBT2_1	0.2378	87.71	01Jan2006, 12:39	15.35
BBT2_2	0.1003	47.85	01Jan2006, 12:20	5.87
BBT2_3	0.0099	10.75	01Jan2006, 12:01	0.63
BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
BBT3A_1	0.0277	4.84	01Jan2006, 12:21	0.78
BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
BBT3_1	0.2625	103.23	01Jan2006, 12:31	15.93
BBT3_2	0.2544	112.34	01Jan2006, 12:30	16.72
BBT3_3	0.1488	44.92	01Jan2006, 12:23	6.41
BBT3_4	0.1146	60.19	01Jan2006, 12:12	5.95
BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
BBT4A_1	0.0355	15.31	01Jan2006, 12:10	1.5
BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
BBT4_1	0.2036	68.8	01Jan2006, 12:19	8.94
BBT4_2	0.3116	68.84	01Jan2006, 12:33	12.15
BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
BBT5_1	0.1414	50.2	01Jan2006, 12:09	5.03
BBT5_2	0.1343	24.55	01Jan2006, 12:27	4.22
BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
BB_1	0.3673	107.99	01Jan2006, 12:45	20.8
BB_2	0.4078	146.8	01Jan2006, 12:35	24.43
BB_3	0.1114	106.63	01Jan2006, 12:12	10.08
BB_4	0.2583	95.06	01Jan2006, 12:17	11.5
BB_5	0.2954	94.18	01Jan2006, 12:20	12.58
BB_6	0.006	3.86	01Jan2006, 12:05	0.29
BB_7	1.233	259.13	01Jan2006, 12:48	54.73
BigBranchTrib1_I40Xsing	3.9284	664.66	01Jan2006, 13:38	204.12
BigBranchTrib3_I40Xsing	0.9359	431.77	01Jan2006, 12:43	54.72
BigBrnch_AuburnChurchRd_US	1.233	258.96	01Jan2006, 12:49	54.58
BushBT1_1	0.0988	85.66	01Jan2006, 12:09	7.32
BushBT1_2	0.1312	207.09	01Jan2006, 12:04	14.43
BushB_1	0.2184	233.36	01Jan2006, 12:15	24.13
BushB_2	0.1747	143.46	01Jan2006, 12:13	14.03
BushB_3	0.177	170.59	01Jan2006, 12:11	15.42
BushB_4	0.1027	118.48	01Jan2006, 12:07	9.27
Bushy Branch Generic Reservoir	0.972	1049.92	01Jan2006, 12:24	103.99
CBT1_1	0.0096	8.85	01Jan2006, 12:00	0.5

CBT1_2	0.0184	28.14	01Jan2006, 12:00	1.57
CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
CB_1	0.0436	65.05	01Jan2006, 12:03	4.26
CB_2	0.0701	99.31	01Jan2006, 12:01	5.82
CB_3	0.1607	139.95	01Jan2006, 12:14	14.28
CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
Cary Towne Blvd	1.4288	938.65	01Jan2006, 12:25	164.69
DortheaDixFarmPnd_WCT16	0.2939	151.97	01Jan2006, 12:18	14.52
GB_1	0.2347	244.52	01Jan2006, 12:13	24.04
GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
GatlingBranch_I40Xsing	0.401	349.56	01Jan2006, 12:21	37.4
I-440 Beltline	0.5468	195.14	01Jan2006, 12:56	48.3
J_BBT1_1	5.8992	1053.95	01Jan2006, 13:23	322.48
J_BBT1_1_BB_2	11.6903	2167.96	01Jan2006, 13:23	608.47
J_BBT1_2	4.2004	684.22	01Jan2006, 13:50	221.38
J_BBT1_3	3.9284	664.66	01Jan2006, 13:38	204.12
J_BBT2_1	0.508	247.19	01Jan2006, 12:35	32.06
J_BBT2_1_BB_3	5.3834	1060.32	01Jan2006, 13:06	263.98
J_BBT2_2	0.2702	165.33	01Jan2006, 12:18	16.82
J_BBT2_3	0.1698	117.68	01Jan2006, 12:12	10.97
J_BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
J_BBT3A_1	0.2329	98.16	01Jan2006, 12:22	11.49
J_BBT3A_1_BBT3_3	0.6816	348.69	01Jan2006, 12:26	38.21
J_BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
J_BBT3_1	1.1985	506.43	01Jan2006, 12:51	70.45
J_BBT3_1_BBT1_2	5.3988	949.46	01Jan2006, 12:58	291.83
J_BBT3_2	0.9359	431.77	01Jan2006, 12:43	54.72
J_BBT3_3	0.4486	254.57	01Jan2006, 12:27	26.73
J_BBT3_4	0.2998	210.64	01Jan2006, 12:17	20.39
J_BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
J_BBT4A_1	0.239	129.87	01Jan2006, 12:12	11.77
J_BBT4A_1_BBT4_2	0.7267	188.13	01Jan2006, 12:28	29.74
J_BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
J_BBT4_1	0.9302	231.33	01Jan2006, 12:28	38.49
J_BBT4_2	0.4876	129.27	01Jan2006, 12:31	17.96
J_BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
J_BBT5_1	0.8798	197.21	01Jan2006, 12:54	41.84
J_BBT5_1_BB_7	2.1128	454.67	01Jan2006, 12:51	96.42
J_BBT5_2	0.7384	187	01Jan2006, 12:47	36.94
J_BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
J_BB_1	12.0576	2217.7	01Jan2006, 13:38	625.23
J_BB_1_WC_5	43.4548	2935.48	01Jan2006, 13:38	2209.9
J_BB_2	5.7911	1120.18	01Jan2006, 13:11	285.98
J_BB_3	4.8754	953.33	01Jan2006, 13:09	231.92
J_BB_4	3.6026	633.68	01Jan2006, 13:14	157.45
J_BB_5	2.4141	483.4	01Jan2006, 13:07	108.54
J_BB_5_BBT4_1	3.3443	612.88	01Jan2006, 12:59	147.03
J_BB_6	2.1187	455.16	01Jan2006, 12:54	96.58
J_BB_7	1.233	258.96	01Jan2006, 12:49	54.58
J_BushBT1_1	0.3765	389.37	01Jan2006, 12:22	41.4

J_BushBT1_1_BushB_2	1.7003	1340.15	01Jan2006, 12:42	174.12
J_BushBT1_2	0.2777	340.41	01Jan2006, 12:08	34.21
J_BushBT1_3	0.1465	199.03	01Jan2006, 12:13	19.8
J_BushBT2_1	0.1979	174.04	01Jan2006, 12:08	15.24
J_BushBT2_2	0.1777	149.4	01Jan2006, 12:10	13.11
J_BushBT2_T4_T5	0.8692	1191.23	01Jan2006, 12:13	95.1
J_BushBT3_1	0.2231	386.01	01Jan2006, 12:07	26.12
J_BushBT3_1_BushBT4_2	0.4202	690.23	01Jan2006, 12:05	48.06
J_BushBT3_2	0.1883	357.13	01Jan2006, 12:03	23.99
J_BushBT4_1	0.4765	750.04	01Jan2006, 12:14	57.12
J_BushBT4_2	0.1972	317.44	01Jan2006, 12:04	21.93
J_BushBT4_3	0.1642	296.12	01Jan2006, 12:03	20.22
J_BushBT5_1	0.1949	286.11	01Jan2006, 12:12	22.74
J_BushBT5_2	0.1609	233.51	01Jan2006, 12:06	17.97
J_BushB_1	1.9187	1408.4	01Jan2006, 12:50	197.83
J_BushB_2	1.3238	1136.46	01Jan2006, 12:45	132.72
J_BushB_3	1.149	1094.18	01Jan2006, 12:33	119.14
J_BushB_4	0.972	1032.06	01Jan2006, 12:28	103.89
J_CBT1_1	0.1972	250.7	01Jan2006, 12:14	21.3
J_CBT1_1_CB_3	0.5256	560.45	01Jan2006, 12:14	51.26
J_CBT1_2	0.1876	248.87	01Jan2006, 12:10	20.83
J_CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
J_CB_1	0.6393	591.38	01Jan2006, 12:27	61.12
J_CB_2	0.5958	578.73	01Jan2006, 12:21	56.96
J_CB_3	0.3284	310.62	01Jan2006, 12:15	29.95
J_CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
J_CryTwnBlvdRes_WC_42	1.9907	1308.38	01Jan2006, 12:27	218.48
J_GB_1	0.401	349.56	01Jan2006, 12:21	37.4
J_GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
J_PBT1_1	0.1747	27.46	01Jan2006, 12:23	4.56
J_PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
J_PB_1	1.1613	359.09	01Jan2006, 12:50	65.09
J_PB_1_BB_4	4.7639	937.81	01Jan2006, 13:02	222.54
J_PB_2	0.9862	319.8	01Jan2006, 12:43	54.48
J_PB_3	0.6575	270.67	01Jan2006, 12:38	43.32
J_PB_3_PBT1_1	0.8323	291.43	01Jan2006, 12:36	47.87
J_PB_4	0.2727	104.64	01Jan2006, 12:23	14.78
J_RBT1_1	0.2582	477.29	01Jan2006, 12:11	33.85
J_RBT1_1_RB_7	2.3635	1166.35	01Jan2006, 12:33	235.27
J_RBT1_2	0.2113	441.95	01Jan2006, 12:03	28.79
J_RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
J_RB_1	3.146	1220.67	01Jan2006, 13:05	326.59
J_RB_10	1.4554	863	01Jan2006, 12:43	147.36
J_RB_11	1.1918	813.42	01Jan2006, 12:34	121.41
J_RB_12	0.9269	717.42	01Jan2006, 12:28	92.54
J_RB_13	0.6298	460.94	01Jan2006, 12:24	57.91
J_RB_14	0.5006	416.67	01Jan2006, 12:17	48.62
J_RB_15	0.3472	295.29	01Jan2006, 12:07	34.2
J_RB_16	0.2576	181.53	01Jan2006, 12:07	25.42
J_RB_17	0.1645	192.68	01Jan2006, 12:06	14.17

J_RB_1_WC_21	20.4679	2945.44	01Jan2006, 12:59	1452.42
J_RB_2	3.0953	1212.61	01Jan2006, 13:02	319
J_RB_3	2.9041	1303.08	01Jan2006, 12:47	302.55
J_RB_4	2.7305	1261.18	01Jan2006, 12:43	280.47
J_RB_5	2.5176	1176.79	01Jan2006, 12:43	251.01
J_RB_6	2.4713	1171.86	01Jan2006, 12:37	248.93
J_RB_7	2.1053	987.89	01Jan2006, 12:34	201.76
J_RB_8	1.9409	953.81	01Jan2006, 12:21	191.5
J_RB_9	1.7677	905.18	01Jan2006, 12:54	167.34
J_SB_1	1.2176	440.78	01Jan2006, 12:22	107.56
J_SB_1_WC_30	8.9555	1136	01Jan2006, 12:22	671.44
J_SB_2	1.1695	424.12	01Jan2006, 12:20	101.7
J_SB_3	1.0274	364.62	01Jan2006, 12:22	89.91
J_SB_4	0.7737	285.69	01Jan2006, 12:44	68.48
J_SB_5	0.5468	197.02	01Jan2006, 12:51	48.35
J_SB_6	0.5201	385.38	01Jan2006, 12:20	49.71
J_SB_7	0.417	317.42	01Jan2006, 12:23	40.54
J_SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
J_WC37_WCT25_1	3.3506	1346.2	01Jan2006, 13:13	343.42
J_WCT10_1	0.3311	258.09	01Jan2006, 12:25	33.14
J_WCT10_2	0.2318	172.08	01Jan2006, 12:21	20.98
J_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
J_WCT11_1_WC_19	23.3779	3518.73	01Jan2006, 13:23	1682.95
J_WCT11_2	0.342	173.4	01Jan2006, 12:20	21.23
J_WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
J_WCT12A_1	0.2874	262.29	01Jan2006, 12:20	28.28
J_WCT12A_1_WCT12_4	0.8089	328.24	01Jan2006, 12:20	67.88
J_WCT12A_2	0.2173	217.43	01Jan2006, 12:12	19.42
J_WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
J_WCT12B_1	0.0844	96.58	01Jan2006, 12:08	7.22
J_WCT12_1	1.1374	372.98	01Jan2006, 12:38	105.42
J_WCT12_1_WC_22	17.1469	1740.32	01Jan2006, 12:42	1117.84
J_WCT12_2	0.9312	304.99	01Jan2006, 12:41	75.46
J_WCT12_3	0.8193	332.09	01Jan2006, 12:23	68.88
J_WCT12_4	0.5215	151.32	01Jan2006, 13:06	39.6
J_WCT12_5_1_WCT12B_1	0.2754	118.62	01Jan2006, 12:43	22.54
J_WCT12_5_2	0.4333	141.73	01Jan2006, 12:59	32.7
J_WCT12_6	0.191	106.14	01Jan2006, 12:28	15.88
J_WCT13_1	0.6855	150.82	01Jan2006, 12:23	49.87
J_WCT13_1_WC_23	15.9404	1450.89	01Jan2006, 12:29	1009.72
J_WCT13_2	0.5049	98.84	01Jan2006, 12:59	32.76
J_WCT13_3	0.4078	270.92	01Jan2006, 12:20	27.34
J_WCT13_4	0.2575	185.37	01Jan2006, 12:11	17.6
J_WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
J_WCT14_1	0.3417	314.26	01Jan2006, 12:17	28.41
J_WCT14_1_WC_24	14.6682	1223.59	01Jan2006, 12:18	919.03
J_WCT14_2	0.2542	231.43	01Jan2006, 12:09	19.09
J_WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
J_WCT15_1	0.3746	338.58	01Jan2006, 12:08	41.79
J_WCT15_1_WC_25	14.269	1082.11	01Jan2006, 17:29	893.19

J_WCT15_2	0.2481	207.66	01Jan2006, 12:17	22.42
J_WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
J_WCT16_1	0.305	154.11	01Jan2006, 12:21	15.13
J_WCT16_1_WC_26	13.5417	1068.53	01Jan2006, 16:45	813.63
J_WCT16_2	0.2939	151.97	01Jan2006, 12:18	14.52
J_WCT16_3	0.2106	154.47	01Jan2006, 12:10	11.19
J_WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
J_WCT17_1	1.0661	491.66	01Jan2006, 12:49	68.11
J_WCT17_1_WC_27	13.2146	1068.52	01Jan2006, 16:27	796.88
J_WCT17_2	0.7076	431.73	01Jan2006, 12:26	55.02
J_WCT17_3	0.6196	389.7	01Jan2006, 12:18	46.72
J_WCT17_4	0.4336	291.35	01Jan2006, 12:27	33.96
J_WCT17_5	0.2541	210.2	01Jan2006, 12:27	19.67
J_WCT17_6	0.2078	213.72	01Jan2006, 12:16	16.26
J_WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
J_WCT18_1	0.5326	487.37	01Jan2006, 12:27	61.61
J_WCT18_2	0.3909	534.93	01Jan2006, 12:14	45.49
J_WCT18_3	0.2968	423.47	01Jan2006, 12:07	33.65
J_WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
J_WCT19_1	0.3147	303.68	01Jan2006, 12:13	28.77
J_WCT19_2	0.1616	213.75	01Jan2006, 12:10	17.99
J_WCT1_1	0.5662	327.37	01Jan2006, 12:28	40.83
J_WCT1_1_WC_2	45.4576	2560.47	01Jan2006, 22:09	1878.03
J_WCT1_2	0.2847	176.88	01Jan2006, 12:22	19.74
J_WCT1_3	0.2476	160.45	01Jan2006, 12:16	16.26
J_WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
J_WCT20_1	0.2318	374.78	01Jan2006, 12:15	30.18
J_WCT20_1_WC_32	7.3276	827.1	01Jan2006, 14:51	532.9
J_WCT20_2	0.2266	373.16	01Jan2006, 12:13	29.88
J_WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
J_WCT21_1	0.2359	175.57	01Jan2006, 12:08	21.65
J_WCT21_2	0.2181	170.07	01Jan2006, 12:05	21.15
J_WCT21_3	0.1657	112.25	01Jan2006, 12:19	16.19
J_WCT22_1	0.5905	503.45	01Jan2006, 12:45	81.18
J_WCT22_1_WC_34	5.2179	2093.71	01Jan2006, 12:49	546.75
J_WCT22_2	0.5242	511.43	01Jan2006, 12:25	74.67
J_WCT22_3	0.347	365.42	01Jan2006, 12:23	55.39
J_WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
J_WCT23_1	0.2075	208.52	01Jan2006, 12:18	19.52
J_WCT23_2	0.2045	207.14	01Jan2006, 12:15	19.13
J_WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
J_WCT24_1	0.682	449.86	01Jan2006, 12:40	57.89
J_WCT24_1_WC_36	4.3244	1594.34	01Jan2006, 12:38	436.06
J_WCT24_2	0.6657	446.62	01Jan2006, 12:37	56.18
J_WCT24_3	0.5429	409.72	01Jan2006, 12:23	47.03
J_WCT24_4	0.2916	256.5	01Jan2006, 12:16	25.7
J_WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
J_WCT25_1	0.1626	164.83	01Jan2006, 12:11	14.05
J_WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
J_WCT26_1	0.3096	150.67	01Jan2006, 12:40	26.5

J_WCT26_1_WC_40	2.3827	1393.6	01Jan2006, 12:41	250.1
J_WCT26_2	0.2949	146.13	01Jan2006, 12:36	24.52
J_WCT26_3	0.1835	105.45	01Jan2006, 12:20	12.13
J_WCT2_1	0.3015	120.69	01Jan2006, 12:20	14.09
J_WCT2_1_WC_3	44.7396	2566.99	01Jan2006, 21:32	1952.43
J_WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
J_WCT3_1	0.2856	102.53	01Jan2006, 12:21	14.67
J_WCT3_1_WC_4	44.2785	2582.16	01Jan2006, 20:54	2046.76
J_WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
J_WCT4_1	0.2291	100.22	01Jan2006, 12:21	10.38
J_WCT4_1_WC_6	30.7989	2365.71	01Jan2006, 19:26	1644.96
J_WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
J_WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
J_WCT5_1_1	0.4649	319.18	01Jan2006, 12:31	44.96
J_WCT5_1_1_WC_7	30.4992	2410.77	01Jan2006, 18:38	1728.4
J_WCT5_1_2_WCT5A_1	0.2816	247.84	01Jan2006, 12:20	25.74
J_WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
J_WCT6_1	0.3532	284.39	01Jan2006, 12:15	26.81
J_WCT6_1_WC_8	29.7776	2414.95	01Jan2006, 18:12	1704.89
J_WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
J_WCT7_1	0.3685	241.56	01Jan2006, 12:24	29.84
J_WCT7_1_WC_12	28.26	2693.46	01Jan2006, 16:09	1878.26
J_WCT7_2	0.2674	200.98	01Jan2006, 12:17	22.29
J_WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
J_WCT8A_1	0.272	228.73	01Jan2006, 12:19	23.96
J_WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
J_WCT8_1	1.5766	670.21	01Jan2006, 12:59	138.54
J_WCT8_1_WC_13	27.8836	2685.74	01Jan2006, 15:58	1868.54
J_WCT8_2	1.394	614.5	01Jan2006, 12:48	107.74
J_WCT8_3	1.2056	595.39	01Jan2006, 12:32	90.45
J_WCT8_4	0.769	313.54	01Jan2006, 12:30	51.58
J_WCT8_4_WCT8A_1	1.041	511.81	01Jan2006, 12:25	75.54
J_WCT8_5	0.5591	216.85	01Jan2006, 12:35	35.03
J_WCT8_6	0.3137	147.13	01Jan2006, 12:28	17.78
J_WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
J_WCT9_1	0.6223	455	01Jan2006, 12:37	55.65
J_WCT9_1_WC_14	26.1735	2660.28	01Jan2006, 15:29	1780.3
J_WCT9_2	0.5992	451.79	01Jan2006, 12:33	54.08
J_WCT9_3	0.522	434.09	01Jan2006, 12:23	46.86
J_WCT9_4	0.3752	355.18	01Jan2006, 12:18	34.11
J_WCT9_5	0.326	321.91	01Jan2006, 12:13	29.88
J_WCT9_6	0.155	170.5	01Jan2006, 12:09	13.98
J_WC_10_WC_9	29.4145	2411.16	01Jan2006, 18:01	1722.44
J_WC_11	28.8228	2559.92	01Jan2006, 16:58	1823.9
J_WC_12	27.8916	2677.49	01Jan2006, 16:09	1848.42
J_WC_13	26.307	2604.87	01Jan2006, 16:00	1730.01
J_WC_14	25.5512	2626.27	01Jan2006, 15:30	1724.64
J_WC_15	25.1925	2606.51	01Jan2006, 15:28	1693.1
J_WC_15_WCT10_1	25.5237	2625.81	01Jan2006, 15:27	1726.24
J_WC_16	25.1644	2605.41	01Jan2006, 15:24	1692.97

J_WC_17	24.6258	2676.35	01Jan2006, 14:52	1659.69
J_WC_17_GB_1	25.0267	2700.86	01Jan2006, 14:52	1697.09
J_WC_18	23.4895	3014.96	01Jan2006, 14:06	1630.71
J_WC_19	22.9289	3457.28	01Jan2006, 13:25	1650.41
J_WC_2	44.8913	2549.1	01Jan2006, 22:10	1837.19
J_WC_20	20.5012	2830.86	01Jan2006, 13:19	1438.91
J_WC_21	17.322	1742.68	01Jan2006, 12:52	1125.83
J_WC_22	16.0095	1367.98	01Jan2006, 12:42	1012.43
J_WC_23	15.2548	1304.38	01Jan2006, 12:30	959.84
J_WC_24	14.3265	1083.33	01Jan2006, 17:42	890.62
J_WC_25	13.8944	1067.26	01Jan2006, 17:30	851.4
J_WC_26	13.2367	1059.93	01Jan2006, 16:45	798.5
J_WC_27	12.1485	1022.42	01Jan2006, 16:36	728.77
J_WC_28_WCT18_1	12.1198	2796.47	01Jan2006, 12:30	1004.92
J_WC_29	9.1984	959.78	01Jan2006, 12:34	681.14
J_WC_29_BushB_1	11.1171	2292.16	01Jan2006, 12:48	878.98
J_WC_3	44.4381	2562.16	01Jan2006, 21:32	1938.34
J_WC_30	7.738	848.04	01Jan2006, 15:02	563.89
J_WC_31	7.3369	827.33	01Jan2006, 14:54	532.82
J_WC_31_WCT19_1	7.6516	845.53	01Jan2006, 14:54	561.59
J_WC_32	7.0958	810.62	01Jan2006, 14:52	502.72
J_WC_33_WCT21_1	6.9932	2850.16	01Jan2006, 12:31	691.15
J_WC_34	4.6274	1592.94	01Jan2006, 12:50	465.58
J_WC_35	4.3433	1594.3	01Jan2006, 12:40	438.4
J_WC_35_WCT23_1	4.5508	1672.13	01Jan2006, 12:39	457.92
J_WC_36	3.6423	1343.28	01Jan2006, 13:39	378.17
J_WC_37	3.188	1327.67	01Jan2006, 13:14	329.37
J_WC_38	3.133	1345.45	01Jan2006, 13:05	325
J_WC_39	2.4774	1341.98	01Jan2006, 12:54	257.55
J_WC_4	43.9929	2577.21	01Jan2006, 20:54	2032.09
J_WC_40	2.073	1243.11	01Jan2006, 12:41	223.6
J_WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
J_WC_5	31.3972	2359.84	01Jan2006, 20:03	1584.67
J_WC_6	30.5698	2361.29	01Jan2006, 19:26	1634.58
J_WC_7	30.0343	2395.27	01Jan2006, 18:38	1683.43
J_WC_8	29.4244	2404.18	01Jan2006, 18:12	1678.08
J_WildBT1_1	0.5965	541.7	01Jan2006, 12:21	63.56
J_WildBT1_1_WildB_5	1.3893	857.57	01Jan2006, 12:25	119.3
J_WildBT1_2	0.5604	521.21	01Jan2006, 12:18	59.83
J_WildBT1_3	0.3855	404.25	01Jan2006, 12:15	46.14
J_WildBT1_4	0.2021	210.37	01Jan2006, 12:20	25.51
J_WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
J_WildBT2_1	0.1817	81.37	01Jan2006, 12:20	9.13
J_WildBT2_1_WildB_6	0.7574	402.44	01Jan2006, 12:31	53.95
J_WildBT2_2	0.1578	67.98	01Jan2006, 12:16	7.38
J_WildB_1	2.086	595.63	01Jan2006, 13:24	205.11
J_WildB_1_WC_20	22.5872	3425.85	01Jan2006, 13:20	1644.02
J_WildB_2	1.9683	580.7	01Jan2006, 13:23	188.93
J_WildB_3	1.7985	554.01	01Jan2006, 13:19	162.97
J_WildB_4	1.5056	939.9	01Jan2006, 12:33	133.76

J_WildB_5	0.7927	407.99	01Jan2006, 12:37	55.74
J_WildB_6	0.5757	341.72	01Jan2006, 12:33	44.82
J_WildB_7	0.5209	327.18	01Jan2006, 12:25	41.46
J_WildB_8	0.1817	125.81	01Jan2006, 12:19	13.9
J_WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15
J_WtsnB_1	1.0213	769.69	01Jan2006, 12:42	97.13
J_WtsnB_1_WC_18	24.5108	3110.64	01Jan2006, 14:04	1727.84
J_WtsnB_2	0.2643	208.69	01Jan2006, 12:04	23.92
J_WtsnB_2_CB_1	0.9036	734.94	01Jan2006, 12:27	85.04
J_WtsnB_3	0.1687	116.4	01Jan2006, 12:19	13.83
J_WtsnB_4	0.1534	112.72	01Jan2006, 12:18	12.63
Lake Raleigh	12.1198	1021.96	01Jan2006, 16:25	774.35
Lake_Johnson	6.9932	805.74	01Jan2006, 14:47	512.78
PBT1_1	0.0066	2.31	01Jan2006, 12:07	0.21
PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
PB_1	0.1751	85.58	01Jan2006, 12:21	10.83
PB_2	0.154	50.34	01Jan2006, 12:21	6.76
PB_3	0.3848	205.93	01Jan2006, 12:27	28.69
PB_4_1	0.1089	49.32	01Jan2006, 12:18	5.92
PB_4_2	0.1638	59.78	01Jan2006, 12:28	8.86
Pineview Dr	0.7737	276.28	01Jan2006, 12:54	68.48
PoplarBranch_I40	0.1638	59.76	01Jan2006, 12:28	8.86
Priv_1001_UnderwoodPond_WCT8	0.3137	147.13	01Jan2006, 12:28	17.78
Private15_Ileagnes_WCT12	0.4333	141.73	01Jan2006, 12:59	32.7
Private23_GolfCourseC_WCT12	0.1614	101.16	01Jan2006, 12:28	13.77
Private36_GolfCourseA_WCT12B	0.0844	96.58	01Jan2006, 12:08	7.22
RBT1_1	0.0469	84.33	01Jan2006, 12:01	5.13
RBT1_2	0.0428	105.52	01Jan2006, 11:58	5.86
RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
RB_1	0.0507	102.1	01Jan2006, 12:05	7.88
RB_10	0.2635	364.61	01Jan2006, 12:05	26.31
RB_11	0.265	351.59	01Jan2006, 12:08	29.1
RB_12	0.2971	297.05	01Jan2006, 12:19	34.74
RB_13	0.1292	121.94	01Jan2006, 12:07	9.41
RB_14	0.1534	167.33	01Jan2006, 12:10	14.55
RB_15	0.0896	126.03	01Jan2006, 12:04	8.81
RB_16	0.0931	155.49	01Jan2006, 12:05	11.45
RB_17	0.1645	192.68	01Jan2006, 12:06	14.17
RB_2	0.1911	185.23	01Jan2006, 12:13	18.03
RB_3	0.1736	273.07	01Jan2006, 12:08	22.5
RB_4	0.2129	306.24	01Jan2006, 12:12	29.54
RB_5	0.0463	36.5	01Jan2006, 12:04	2.54
RB_6	0.1078	207.74	01Jan2006, 12:03	13.94
RB_7	0.1644	141.27	01Jan2006, 12:07	11.09
RB_8	0.1732	287.12	01Jan2006, 12:08	24.31
RB_9	0.3123	224.83	01Jan2006, 12:11	20.52
R_BBT1_1	5.3988	949.46	01Jan2006, 13:23	288.64
R_BBT1_2	3.9284	664.66	01Jan2006, 13:50	203.02
R_BBT2_1_1	0.2702	161.12	01Jan2006, 12:34	16.71
R_BBT2_1_2	0.2702	161.12	01Jan2006, 12:23	16.79

R_BBT2_2	0.1698	117.68	01Jan2006, 12:18	10.95
R_BBT2_3	0.16	114.4	01Jan2006, 12:12	10.34
R_BBT3A_1	0.2052	93.33	01Jan2006, 12:22	10.71
R_BBT3_1	0.9359	431.77	01Jan2006, 12:52	54.52
R_BBT3_2	0.6816	348.69	01Jan2006, 12:39	38.02
R_BBT3_3	0.2998	210.64	01Jan2006, 12:27	20.32
R_BBT3_4	0.1852	158.65	01Jan2006, 12:19	14.44
R_BBT4A_1	0.2035	114.78	01Jan2006, 12:12	10.27
R_BBT4_1	0.7267	188.13	01Jan2006, 12:42	29.54
R_BBT4_2	0.176	60.94	01Jan2006, 12:30	5.81
R_BBT5_1	0.7384	187	01Jan2006, 12:55	36.81
R_BBT5_2	0.6041	170.52	01Jan2006, 12:49	32.72
R_BB_1	11.6903	2167.96	01Jan2006, 13:38	604.43
R_BB_2	5.3834	1060.32	01Jan2006, 13:27	261.55
R_BB_3	4.7639	937.81	01Jan2006, 13:09	221.84
R_BB_4	3.3443	612.88	01Jan2006, 13:15	145.94
R_BB_5	2.1187	455.16	01Jan2006, 13:08	95.96
R_BB_6	2.1128	454.67	01Jan2006, 12:54	96.29
R_BushBT1_1	0.2777	340.41	01Jan2006, 12:23	34.08
R_BushBT1_2	0.1465	199.03	01Jan2006, 12:17	19.78
R_BushBT3_1	0.1883	357.13	01Jan2006, 12:07	23.96
R_BushBT4_1	0.4202	690.23	01Jan2006, 12:14	47.94
R_BushBT5_1	0.1609	233.51	01Jan2006, 12:12	17.94
R_BushB_1	1.7003	1340.15	01Jan2006, 12:50	173.71
R_BushB_2	1.149	1094.18	01Jan2006, 12:46	118.69
R_BushB_3_1	0.972	1027.04	01Jan2006, 12:33	103.73
R_BushB_3_2	0.972	1032.06	01Jan2006, 12:32	103.77
R_BushB_4_1	0.972	1032.06	01Jan2006, 12:28	103.89
R_BushB_4_2	0.8692	1191.23	01Jan2006, 12:19	94.94
R_CBT1_1	0.1876	248.87	01Jan2006, 12:14	20.8
R_CBT1_2	0.1693	240.27	01Jan2006, 12:10	19.26
R_CB_1	0.5958	578.73	01Jan2006, 12:27	56.86
R_CB_2	0.5256	560.45	01Jan2006, 12:21	51.15
R_CB_3	0.1677	170.77	01Jan2006, 12:15	15.68
R_GB_1	0.1663	154.99	01Jan2006, 12:26	13.37
R_PBT1_1	0.1682	26.49	01Jan2006, 12:24	4.35
R_PB_1	0.9862	319.8	01Jan2006, 12:53	54.26
R_PB_2	0.8323	291.43	01Jan2006, 12:44	47.72
R_PB_3	0.2727	104.64	01Jan2006, 12:47	14.63
R_RBT1_1	0.2113	441.95	01Jan2006, 12:12	28.73
R_RBT1_2	0.1685	367.13	01Jan2006, 12:04	22.94
R_RB_1	3.0953	1212.61	01Jan2006, 13:05	318.71
R_RB_10	1.1918	813.42	01Jan2006, 12:44	121.04
R_RB_11	0.9269	717.42	01Jan2006, 12:36	92.31
R_RB_12	0.6298	460.94	01Jan2006, 12:30	57.8
R_RB_13	0.5006	416.67	01Jan2006, 12:25	48.5
R_RB_14_1	0.3472	287.14	01Jan2006, 12:19	34.07
R_RB_14_2	0.3472	295.29	01Jan2006, 12:17	34.1
R_RB_15	0.2576	181.53	01Jan2006, 12:10	25.4
R_RB_16_1	0.1645	81.98	01Jan2006, 12:28	13.96

R_RB_16_2	0.1645	81.98	01Jan2006, 12:20	14
R_RB_2	2.9041	1180.4	01Jan2006, 13:04	300.97
R_RB_3	2.7305	1261.18	01Jan2006, 12:48	280.05
R_RB_4	2.5176	1176.79	01Jan2006, 12:44	250.94
R_RB_5	2.4713	1171.86	01Jan2006, 12:43	248.48
R_RB_6	2.3635	1146.56	01Jan2006, 12:38	234.99
R_RB_7	1.9409	953.81	01Jan2006, 12:35	190.67
R_RB_8	1.7677	905.18	01Jan2006, 12:57	167.18
R_RB_9	1.4554	863	01Jan2006, 12:55	146.82
R_SB_1	1.1695	423.79	01Jan2006, 12:23	101.5
R_SB_2	1.0274	363.95	01Jan2006, 12:25	89.8
R_SB_3	0.7737	276.2	01Jan2006, 12:57	68.35
R_SB_4	0.5468	195.07	01Jan2006, 13:01	48.17
R_SB_7	0.1701	180.59	01Jan2006, 12:21	18.57
R_WCT10_1	0.2318	172.08	01Jan2006, 12:30	20.91
R_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
R_WCT11_2	0.16	67.67	01Jan2006, 12:28	7.97
R_WCT12A_1	0.2173	217.43	01Jan2006, 12:22	19.36
R_WCT12A_2	0.1534	141.49	01Jan2006, 12:13	12.44
R_WCT12B_1	0.0844	96.58	01Jan2006, 12:13	7.21
R_WCT12_1	0.9312	304.99	01Jan2006, 12:51	75.2
R_WCT12_2	0.8193	332.09	01Jan2006, 12:29	68.74
R_WCT12_3	0.8089	328.24	01Jan2006, 12:23	67.81
R_WCT12_4	0.4333	141.73	01Jan2006, 13:08	32.59
R_WCT12_5_1	0.191	106.14	01Jan2006, 12:35	15.85
R_WCT12_5_2	0.2754	118.62	01Jan2006, 12:47	22.5
R_WCT13_1	0.5049	98.84	01Jan2006, 13:16	32.5
R_WCT13_2	0.4078	270.92	01Jan2006, 12:28	27.26
R_WCT13_3	0.2575	185.37	01Jan2006, 12:21	17.54
R_WCT13_4	0.1561	104.4	01Jan2006, 12:15	10.08
R_WCT14_1	0.2542	231.43	01Jan2006, 12:19	19.03
R_WCT14_2_1	0.1748	132.17	01Jan2006, 12:12	10.33
R_WCT14_2_2	0.1748	132.17	01Jan2006, 12:08	10.34
R_WCT15_1	0.2481	207.66	01Jan2006, 12:26	22.35
R_WCT15_2	0.1794	154.89	01Jan2006, 12:19	15.11
R_WCT16_1	0.2939	151.97	01Jan2006, 12:21	14.5
R_WCT16_2	0.2106	154.47	01Jan2006, 12:15	11.17
R_WCT16_3	0.1646	136.46	01Jan2006, 12:10	9.29
R_WCT17_1	0.7076	431.73	01Jan2006, 12:49	54.57
R_WCT17_2	0.6196	389.7	01Jan2006, 12:20	46.69
R_WCT17_3	0.4336	291.35	01Jan2006, 12:32	33.9
R_WCT17_4	0.2541	210.2	01Jan2006, 12:30	19.65
R_WCT17_5	0.2078	213.72	01Jan2006, 12:23	16.22
R_WCT17_7	0.1909	207.97	01Jan2006, 12:16	14.98
R_WCT18_1	0.3909	534.93	01Jan2006, 12:21	45.4
R_WCT18_2	0.2968	423.47	01Jan2006, 12:16	33.57
R_WCT18_3	0.2071	311.59	01Jan2006, 12:08	25.15
R_WCT19_1	0.1616	213.75	01Jan2006, 12:20	17.94
R_WCT1_1	0.2847	176.88	01Jan2006, 12:32	19.67
R_WCT1_2	0.2476	160.45	01Jan2006, 12:23	16.22

R_WCT1_3	0.1611	105.36	01Jan2006, 12:17	10.55
R_WCT20_1	0.2266	373.16	01Jan2006, 12:15	29.86
R_WCT20_2	0.169	305.81	01Jan2006, 12:14	23.2
R_WCT21_1	0.2181	170.07	01Jan2006, 12:08	21.13
R_WCT21_2	0.1657	112.25	01Jan2006, 12:24	16.16
R_WCT22_1	0.5242	511.43	01Jan2006, 12:37	74.45
R_WCT22_2	0.347	365.42	01Jan2006, 12:32	55.28
R_WCT22_3	0.2027	379.27	01Jan2006, 12:11	31.1
R_WCT23_1	0.2045	207.14	01Jan2006, 12:18	19.11
R_WCT23_2	0.1653	175.02	01Jan2006, 12:17	14.55
R_WCT24_1	0.6657	446.62	01Jan2006, 12:40	56.13
R_WCT24_2	0.5429	409.72	01Jan2006, 12:38	46.8
R_WCT24_3	0.2916	239.42	01Jan2006, 12:28	25.59
R_WCT24_4	0.1858	206.48	01Jan2006, 12:18	17.51
R_WCT25_1	0.1569	158.46	01Jan2006, 12:11	13.42
R_WCT26_1	0.2949	146.13	01Jan2006, 12:40	24.49
R_WCT26_2	0.1835	105.45	01Jan2006, 12:28	12.09
R_WCT2_1	0.1566	61.07	01Jan2006, 12:21	6.75
R_WCT3_1	0.1582	49.74	01Jan2006, 12:32	7.12
R_WCT4_1	0.1483	77.54	01Jan2006, 12:22	7.36
R_WCT5A_1	0.1308	149.73	01Jan2006, 12:10	12.61
R_WCT5_1_1	0.2816	247.84	01Jan2006, 12:35	25.62
R_WCT5_1_2	0.1508	156.57	01Jan2006, 12:24	13.13
R_WCT6_1	0.152	131.59	01Jan2006, 12:16	11.51
R_WCT7_1	0.2674	200.98	01Jan2006, 12:27	22.21
R_WCT7_2	0.2009	154.79	01Jan2006, 12:19	17.06
R_WCT7_2_1	0.2009	154.79	01Jan2006, 12:20	17.05
R_WCT8A_1	0.1499	125.13	01Jan2006, 12:20	12.22
R_WCT8_1	1.394	614.5	01Jan2006, 13:01	107.25
R_WCT8_2	1.2056	595.39	01Jan2006, 12:43	90.1
R_WCT8_3	1.041	511.81	01Jan2006, 12:33	75.32
R_WCT8_4	0.5591	216.85	01Jan2006, 12:52	34.8
R_WCT8_5	0.3137	147.13	01Jan2006, 12:39	17.7
R_WCT8_6	0.1524	104.5	01Jan2006, 12:22	10.31
R_WCT9_1	0.5992	451.79	01Jan2006, 12:37	54.01
R_WCT9_2	0.522	434.09	01Jan2006, 12:33	46.71
R_WCT9_3	0.3752	355.18	01Jan2006, 12:24	34.05
R_WCT9_4	0.326	321.91	01Jan2006, 12:19	29.82
R_WCT9_5	0.155	170.5	01Jan2006, 12:11	13.97
R_WC_1	45.4576	2507.96	01Jan2006, 23:14	1638.38
R_WC_11	28.26	2537.16	01Jan2006, 16:59	1768.56
R_WC_12	27.8836	2677.18	01Jan2006, 16:09	1847.77
R_WC_13	26.1735	2598.88	01Jan2006, 16:00	1718.12
R_WC_14	25.5237	2625	01Jan2006, 15:30	1722.41
R_WC_15	25.1644	2604.71	01Jan2006, 15:28	1688.55
R_WC_16	25.0267	2595.98	01Jan2006, 15:25	1670.55
R_WC_17	24.5108	2667.53	01Jan2006, 14:53	1641.48
R_WC_18	23.3779	3007.25	01Jan2006, 14:06	1621.91
R_WC_19	22.5872	3415.19	01Jan2006, 13:26	1614.26
R_WC_2	44.7396	2546.2	01Jan2006, 22:10	1827.17

R_WC_20	20.4679	2826.85	01Jan2006, 13:19	1434.28
R_WC_21	17.1469	1700.88	01Jan2006, 12:55	1108.11
R_WC_22	15.9404	1353.11	01Jan2006, 12:43	1003.44
R_WC_23	14.6682	1089.68	01Jan2006, 18:06	897.53
R_WC_24	14.269	1080.9	01Jan2006, 17:42	882.81
R_WC_25	13.5417	1053.28	01Jan2006, 17:32	811.88
R_WC_26	13.2146	1058.85	01Jan2006, 16:45	794.94
R_WC_27	12.1198	1020.96	01Jan2006, 16:36	724.02
R_WC_29	8.9555	946.49	01Jan2006, 15:15	660.96
R_WC_3	44.2785	2558.79	01Jan2006, 21:32	1926.1
R_WC_30	7.6516	843.51	01Jan2006, 15:03	556.67
R_WC_31	7.3276	826.86	01Jan2006, 14:55	532.13
R_WC_32	6.9932	805.33	01Jan2006, 14:53	495.08
R_WC_34	4.5508	1580.11	01Jan2006, 12:50	456.04
R_WC_35	4.3244	1589.84	01Jan2006, 12:40	435.8
R_WC_36	3.3506	1308.33	01Jan2006, 13:41	342.83
R_WC_37	3.133	1322.43	01Jan2006, 13:14	324.96
R_WC_38	2.4774	1142.09	01Jan2006, 13:13	257.15
R_WC_39	2.3827	1328.92	01Jan2006, 12:54	248.93
R_WC_4	43.4548	2567.45	01Jan2006, 20:54	2001.69
R_WC_40	1.9907	1222.23	01Jan2006, 12:42	217.22
R_WC_41	0.8865	509.8	01Jan2006, 12:48	83.98
R_WC_5	30.7989	2348.62	01Jan2006, 20:04	1556.46
R_WC_6	30.4992	2359.56	01Jan2006, 19:26	1629.56
R_WC_7	29.7776	2386.58	01Jan2006, 18:38	1656.92
R_WC_8	29.4145	2403.91	01Jan2006, 18:12	1677.43
R_WC_9	28.8228	2391.71	01Jan2006, 18:01	1675.56
R_WildBT1_1	0.5604	521.21	01Jan2006, 12:22	59.76
R_WildBT1_2	0.3855	404.25	01Jan2006, 12:20	46.07
R_WildBT1_3	0.2021	210.37	01Jan2006, 12:28	25.46
R_WildBT1_4	0.1682	253.79	01Jan2006, 12:12	20.4
R_WildBT2_1	0.1578	67.98	01Jan2006, 12:22	7.36
R_WildB_1	1.9683	580.7	01Jan2006, 13:25	188.82
R_WildB_2	1.7985	554.01	01Jan2006, 13:24	162.71
R_WildB_3	1.5056	939.9	01Jan2006, 12:45	133.25
R_WildB_4	1.3893	857.57	01Jan2006, 12:35	118.91
R_WildB_5	0.7574	402.44	01Jan2006, 12:37	53.84
R_WildB_6	0.5209	327.18	01Jan2006, 12:33	41.35
R_WildB_7	0.1817	125.81	01Jan2006, 12:25	13.88
R_WildB_8	0.1569	119.96	01Jan2006, 12:19	12.13
R_WtsnB_1	0.9036	734.94	01Jan2006, 12:43	84.61
R_WtsnB_2	0.1687	116.33	01Jan2006, 12:25	13.8
R_WtsnB_3	0.1534	112.72	01Jan2006, 12:20	12.63
RockyTrib1 Generic Reservoir	0.2582	196.79	01Jan2006, 12:23	33.5
SB_1	0.0481	98.83	01Jan2006, 12:01	6.06
SB_2	0.142	159.55	01Jan2006, 12:06	11.91
SB_3	0.2538	195.42	01Jan2006, 12:17	21.56
SB_4	0.2269	145.03	01Jan2006, 12:28	20.31
SB_5	0.0267	41.94	01Jan2006, 12:03	2.73
SB_6	0.103	104.34	01Jan2006, 12:10	9.17

SB_7	0.247	148.39	01Jan2006, 12:31	21.98
SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
WCLAKRA_LakeRaleighA_WCT18	0.5326	487.37	01Jan2006, 12:27	61.61
WCT10_1	0.0994	116.01	01Jan2006, 12:15	12.22
WCT10_2	0.2318	172.17	01Jan2006, 12:21	20.98
WCT10_MLK	0.2318	172.08	01Jan2006, 12:21	20.98
WCT11_1	0.107	122.59	01Jan2006, 12:12	11.5
WCT11_2	0.182	129.77	01Jan2006, 12:14	13.26
WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
WCT11_I40	0.449	283.78	01Jan2006, 12:17	32.72
WCT12A_1	0.0701	119.35	01Jan2006, 12:05	8.92
WCT12A_2	0.0638	77.04	01Jan2006, 12:11	6.98
WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
WCT12B_1	0.0844	106.97	01Jan2006, 12:04	7.27
WCT12_1	0.2062	354.88	01Jan2006, 12:08	30.55
WCT12_2	0.0529	43.75	01Jan2006, 12:13	4.27
WCT12_3	0.0104	16.3	01Jan2006, 12:03	1.07
WCT12_4	0.0882	90.01	01Jan2006, 12:07	7.01
WCT12_5_1	0.1579	98.32	01Jan2006, 12:18	11.18
WCT12_5_2	0.0296	37.52	01Jan2006, 12:00	2.11
WCT12_6	0.1614	128.32	01Jan2006, 12:17	14.02
WCT12_I40	1.1374	372.98	01Jan2006, 12:38	105.42
WCT12_RR_Xsing	0.2754	118.62	01Jan2006, 12:43	22.54
WCT12_SouthSaundersSt	0.9312	304.99	01Jan2006, 12:41	75.46
WCT13_1	0.1616	142.5	01Jan2006, 12:20	16.92
WCT13_2	0.0971	108.69	01Jan2006, 12:07	8.54
WCT13_3	0.1502	93.13	01Jan2006, 12:15	9.8
WCT13_4	0.1014	93.51	01Jan2006, 12:08	7.52
WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
WCT13_I40	0.6855	150.82	01Jan2006, 12:23	49.87
WCT13_RRXsing	0.6855	150.85	01Jan2006, 12:23	49.88
WCT14_1	0.0875	111.07	01Jan2006, 12:09	9.38
WCT14_2	0.0794	124.1	01Jan2006, 12:05	8.77
WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
WCT15_1	0.1265	242.82	01Jan2006, 12:06	19.44
WCT15_2	0.0686	97.42	01Jan2006, 12:06	7.31
WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
WCT15_I40	0.2481	207.66	01Jan2006, 12:17	22.42
WCT16_1	0.0111	10.28	01Jan2006, 12:01	0.63
WCT16_2	0.0834	55.39	01Jan2006, 12:01	3.48
WCT16_3	0.0459	18.26	01Jan2006, 12:12	1.9
WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
WCT17_1	0.3585	77.64	01Jan2006, 12:32	13.54
WCT17_2	0.088	103.42	01Jan2006, 12:05	7.48
WCT17_3	0.186	132.46	01Jan2006, 12:12	12.82
WCT17_4	0.1796	154.83	01Jan2006, 12:11	14.31
WCT17_5	0.0463	48.24	01Jan2006, 12:05	3.46
WCT17_6	0.0169	20.98	01Jan2006, 12:02	1.28
WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
WCT17_I40	0.7076	431.73	01Jan2006, 12:26	55.02

GLOBAL SUMMARY
Existing Conditions 2-Year 24-Hour Storm

WCT17_LineberryDr	0.2541	210.2	01Jan2006, 12:27	19.67
WCT18_1	0.1417	280.16	01Jan2006, 12:00	16.43
WCT18_2	0.0941	151.41	01Jan2006, 12:07	11.92
WCT18_3	0.0897	128.29	01Jan2006, 12:03	8.5
WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
WCT19_1	0.153	135.86	01Jan2006, 12:07	10.83
WCT19_2	0.1616	251.95	01Jan2006, 12:05	17.99
WCT19_Thistledown	0.1616	213.75	01Jan2006, 12:10	17.99
WCT1_1	0.2815	181.12	01Jan2006, 12:19	21.16
WCT1_2	0.0371	49.04	01Jan2006, 12:05	3.53
WCT1_3	0.0866	57.06	01Jan2006, 12:13	5.71
WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
WCT20_1	0.0052	4.95	01Jan2006, 12:02	0.31
WCT20_2	0.0576	84.56	01Jan2006, 12:07	6.68
WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
WCT21_1	0.0178	5.81	01Jan2006, 12:06	0.52
WCT21_2	0.0524	74.2	01Jan2006, 12:04	4.99
WCT21_3	0.1657	210.34	01Jan2006, 12:07	16.2
WCT21_I40	0.1657	112.25	01Jan2006, 12:19	16.19
WCT22_1	0.0664	77.9	01Jan2006, 12:10	6.78
WCT22_2	0.1772	170.93	01Jan2006, 12:18	19.39
WCT22_3	0.1443	240.46	01Jan2006, 12:11	24.4
WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
WCT22_I40_US	0.347	365.42	01Jan2006, 12:23	55.39
WCT22_I440_DS	0.5905	503.45	01Jan2006, 12:45	81.18
WCT23_1	0.003	6.63	01Jan2006, 12:01	0.41
WCT23_2	0.0392	64.46	01Jan2006, 12:04	4.57
WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
WCT24_1	0.0164	26.03	01Jan2006, 12:04	1.76
WCT24_2	0.1228	98.17	01Jan2006, 12:12	9.38
WCT24_3	0.2513	196.98	01Jan2006, 12:17	21.44
WCT24_4	0.1057	117.93	01Jan2006, 12:04	8.19
WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
WCT25_1	0.0057	9.17	01Jan2006, 12:04	0.63
WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
WCT26_1	0.0147	24.92	01Jan2006, 12:07	2.01
WCT26_2	0.1115	151.87	01Jan2006, 12:10	13.64
WCT26_3	0.1835	122.63	01Jan2006, 12:13	12.15
WCT26_I40	0.2949	146.13	01Jan2006, 12:36	24.52
WCT26_WesternBlvd	0.1835	105.45	01Jan2006, 12:20	12.13
WCT2_1	0.145	60.16	01Jan2006, 12:18	7.33
WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
WCT3_1	0.1274	71.45	01Jan2006, 12:14	7.55
WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
WCT4_1	0.0808	24.09	01Jan2006, 12:16	3.02
WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
WCT5_1	0.1833	232.02	01Jan2006, 12:09	19.34
WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
WCT6_1	0.2012	154.75	01Jan2006, 12:13	15.3

WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
WCT7_1	0.101	90.35	01Jan2006, 12:09	7.63
WCT7_2	0.0666	59.14	01Jan2006, 12:10	5.23
WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
WCT8A_1	0.1221	104.31	01Jan2006, 12:18	11.74
WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
WCT8_1	0.1826	275.92	01Jan2006, 12:14	31.29
WCT8_2	0.1885	203.78	01Jan2006, 12:10	17.8
WCT8_3	0.1646	147.68	01Jan2006, 12:15	15.13
WCT8_4	0.2099	129.62	01Jan2006, 12:23	16.78
WCT8_5	0.2454	178.75	01Jan2006, 12:12	17.32
WCT8_6	0.1614	55.86	01Jan2006, 12:22	7.65
WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
WCT8_I40	1.394	614.5	01Jan2006, 12:48	107.74
WCT9_1	0.0231	26.65	01Jan2006, 12:02	1.64
WCT9_2	0.0772	110.56	01Jan2006, 12:03	7.37
WCT9_3	0.1468	154.23	01Jan2006, 12:09	12.85
WCT9_4	0.0492	54.22	01Jan2006, 12:07	4.29
WCT9_5	0.171	154.68	01Jan2006, 12:15	15.91
WCT9_6	0.155	172.15	01Jan2006, 12:08	13.99
WCT9_MLK	0.522	434.09	01Jan2006, 12:23	46.86
WCT9_PooleRd	0.155	170.5	01Jan2006, 12:09	13.98
WC_1	0.6191	353.9	01Jan2006, 12:25	47.72
WC_10	0.3731	212.46	01Jan2006, 12:25	28.62
WC_11	0.5628	560.47	01Jan2006, 12:13	55.34
WC_12	0.008	10.17	01Jan2006, 12:03	0.65
WC_13	0.1335	137.31	01Jan2006, 12:10	11.88
WC_14	0.0276	32.55	01Jan2006, 12:04	2.23
WC_15	0.0282	63.21	01Jan2006, 12:03	4.55
WC_16	0.1376	222.37	01Jan2006, 12:11	22.41
WC_17	0.115	185.3	01Jan2006, 12:11	18.21
WC_18	0.1116	89.4	01Jan2006, 12:13	8.8
WC_19	0.3417	372.02	01Jan2006, 12:13	36.15
WC_2	0.1517	87.66	01Jan2006, 12:18	10.03
WC_20	0.0332	75.03	01Jan2006, 12:00	4.63
WC_21	0.076	61.1	01Jan2006, 12:17	6.69
WC_22	0.0499	101.71	01Jan2006, 12:03	6.91
WC_23	0.5254	469.97	01Jan2006, 12:21	57.22
WC_24	0.0575	98.56	01Jan2006, 12:06	7.81
WC_25	0.3527	492.77	01Jan2006, 12:07	39.52
WC_26	0.0221	52.28	01Jan2006, 12:02	3.56
WC_27	0.0287	62.86	01Jan2006, 12:04	4.75
WC_28	0.4701	718.05	01Jan2006, 12:10	64.33
WC_29	0.2428	182.23	01Jan2006, 12:17	20.18
WC_3	0.1596	119.24	01Jan2006, 12:14	12.24
WC_30	0.0864	101.73	01Jan2006, 12:05	7.22
WC_31	0.0093	9.89	01Jan2006, 12:05	0.69
WC_32	0.1026	91.28	01Jan2006, 12:09	7.64
WC_33	1.5394	1052.69	01Jan2006, 12:19	122.75
WC_34	0.0766	142.48	01Jan2006, 12:03	9.54

WC_35	0.019	37.06	01Jan2006, 12:04	2.61
WC_36	0.2917	334.84	01Jan2006, 12:15	35.34
WC_37	0.055	65.96	01Jan2006, 12:04	4.42
WC_38	0.6557	468.73	01Jan2006, 12:30	67.85
WC_39	0.0947	119.51	01Jan2006, 12:05	8.63
WC_4	0.5381	280.1	01Jan2006, 12:15	30.41
WC_40	0.0823	67.96	01Jan2006, 12:12	6.38
WC_41	0.5422	695.29	01Jan2006, 12:17	80.71
WC_42	0.5619	373.55	01Jan2006, 12:29	53.79
WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
WC_5	0.5983	167.39	01Jan2006, 12:33	28.21
WC_6	0.0706	57.91	01Jan2006, 12:09	5.01
WC_7	0.2568	274.09	01Jan2006, 12:13	26.51
WC_8	0.0099	8.94	01Jan2006, 12:05	0.65
WC_9	0.2186	138.82	01Jan2006, 12:24	18.26
Watson Generic Reservoir	0.1687	116.33	01Jan2006, 12:20	13.83
White Oak Lake	0.5201	193.14	01Jan2006, 12:51	45.63
WildBT1_1	0.0362	51.47	01Jan2006, 12:06	3.81
WildBT1_2	0.1749	159.23	01Jan2006, 12:09	13.75
WildBT1_3	0.1834	214.13	01Jan2006, 12:12	20.68
WildBT1_4	0.0339	78.24	01Jan2006, 12:01	5.12
WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
WildBT2_1	0.0239	20.03	01Jan2006, 12:10	1.78
WildBT2_2	0.1578	70.47	01Jan2006, 12:13	7.38
WildBTrb1_Tryon_And_Chapanoke	0.2021	210.37	01Jan2006, 12:20	25.51
WildB_1	0.1177	199.64	01Jan2006, 12:07	16.29
WildB_2	0.1698	257.88	01Jan2006, 12:12	26.23
WildB_3	0.2929	241.44	01Jan2006, 12:22	29.91
WildB_4	0.1163	135.62	01Jan2006, 12:16	14.85
WildB_5	0.0353	22.94	01Jan2006, 12:08	1.9
WildB_6	0.0548	38.22	01Jan2006, 12:10	3.47
WildB_7	0.3393	201.72	01Jan2006, 12:26	27.59
WildB_8	0.0248	31.14	01Jan2006, 12:00	1.78
WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15
WildBrnchT2_RRXsing	0.1578	67.98	01Jan2006, 12:16	7.38
WildcatBranch_I40Xsing	1.9683	580.7	01Jan2006, 13:23	188.93
WildcatBranch_RRXsing	1.7985	554.01	01Jan2006, 13:19	162.97
WtsnB_1	0.1177	142.27	01Jan2006, 12:10	12.52
WtsnB_2	0.0956	155.94	01Jan2006, 12:03	10.11
WtsnB_3	0.0154	21.74	01Jan2006, 11:59	1.2
WtsnB_4	0.1534	112.72	01Jan2006, 12:18	12.63

GLOBAL SUMMARY
Existing Conditions 10-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0767	4781.43	01Jan2006, 22:42	3367.07
72_CarolinaPines_WCT13	0.5049	325.86	01Jan2006, 12:45	66.03
AreaA	0.0612	97.28	01Jan2006, 12:13	9.56
AreaB1	0.019	16.8	01Jan2006, 12:05	1.27
AreaB2	0.059	66.77	01Jan2006, 12:09	5.76
AreaC1	0.0193	45.22	01Jan2006, 12:07	3.61
AreaC2	0.099	201.62	01Jan2006, 12:11	19.04
Avent Ferry Dr	1.1695	830.96	01Jan2006, 12:39	188.71
BBT1_1	0.5004	378.7	01Jan2006, 12:43	67.33
BBT1_2	0.272	363.05	01Jan2006, 12:14	36.62
BBT1_3	3.9284	1950.75	01Jan2006, 13:04	446.91
BBT2_1	0.2378	186.78	01Jan2006, 12:38	30.97
BBT2_2	0.1003	106.53	01Jan2006, 12:18	12.2
BBT2_3	0.0099	22.28	01Jan2006, 12:00	1.28
BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
BBT3A_1	0.0277	16.76	01Jan2006, 12:18	2.04
BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
BBT3_1	0.2625	226.16	01Jan2006, 12:29	32.74
BBT3_2	0.2544	237.45	01Jan2006, 12:28	33.58
BBT3_3	0.1488	117.41	01Jan2006, 12:21	14.63
BBT3_4	0.1146	140.88	01Jan2006, 12:11	12.83
BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
BBT4A_1	0.0355	39.86	01Jan2006, 12:09	3.45
BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
BBT4_1	0.2036	177.62	01Jan2006, 12:18	20.29
BBT4_2	0.3116	190.07	01Jan2006, 12:30	28.59
BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
BBT5_1	0.1414	145.13	01Jan2006, 12:08	12.21
BBT5_2	0.1343	77.88	01Jan2006, 12:24	10.66
BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
BB_1	0.3673	243.86	01Jan2006, 12:43	43.61
BB_2	0.4078	323.35	01Jan2006, 12:34	50.4
BB_3	0.1114	197.14	01Jan2006, 12:12	18.48
BB_4	0.2583	242.99	01Jan2006, 12:15	25.99
BB_5	0.2954	247.59	01Jan2006, 12:18	28.81
BB_6	0.006	9.22	01Jan2006, 12:04	0.63
BB_7	1.233	660.69	01Jan2006, 12:45	123.52
BigBranchTrib1_I40Xsing	3.9284	1350.58	01Jan2006, 13:43	439.57
BigBranchTrib3_I40Xsing	0.9359	890.58	01Jan2006, 12:44	113.2
BigBrnch_AuburnChurchRd_US	1.233	659.49	01Jan2006, 12:46	123.32
BushBT1_1	0.0988	170.46	01Jan2006, 12:09	14.22
BushBT1_2	0.1312	354.68	01Jan2006, 12:04	25.01
BushB_1	0.2184	401.66	01Jan2006, 12:14	41.73
BushB_2	0.1747	277.72	01Jan2006, 12:12	26.62
BushB_3	0.177	319.74	01Jan2006, 12:10	28.57
BushB_4	0.1027	218.31	01Jan2006, 12:07	17.01
Bushy Branch Generic Reservoir	0.972	1482.6	01Jan2006, 12:27	180.11
CBT1_1	0.0096	19.91	01Jan2006, 11:59	1.08

CBT1_2	0.0184	52.36	01Jan2006, 11:59	2.93
CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
CB_1	0.0436	115.82	01Jan2006, 12:03	7.64
CB_2	0.0701	186.65	01Jan2006, 12:00	10.94
CB_3	0.1607	261.1	01Jan2006, 12:14	26.3
CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
Cary Towne Blvd	1.4288	1547.68	01Jan2006, 12:24	279.36
DortheaDixFarmPnd_WCT16	0.2939	361.37	01Jan2006, 12:17	31.74
GB_1	0.2347	432.35	01Jan2006, 12:13	42.51
GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
GatlingBranch_I40Xsing	0.401	641.24	01Jan2006, 12:21	67.82
I-440 Beltline	0.5468	397.34	01Jan2006, 12:48	89.39
J_BBT1_1	5.8992	2076.49	01Jan2006, 13:23	681.48
J_BBT1_1_BB_2	11.6903	4749.78	01Jan2006, 13:18	1301.82
J_BBT1_2	4.2004	1384.45	01Jan2006, 13:54	474.23
J_BBT1_3	3.9284	1350.58	01Jan2006, 13:43	439.57
J_BBT2_1	0.508	530.17	01Jan2006, 12:34	65.13
J_BBT2_1_BB_3	5.3834	2563.51	01Jan2006, 12:50	574.37
J_BBT2_2	0.2702	356.38	01Jan2006, 12:17	34.34
J_BBT2_3	0.1698	250.24	01Jan2006, 12:11	22.18
J_BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
J_BBT3A_1	0.2329	235.37	01Jan2006, 12:21	25.08
J_BBT3A_1_BBT3_3	0.6816	768.33	01Jan2006, 12:25	80.03
J_BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
J_BBT3_1	1.1985	1041.79	01Jan2006, 12:51	145.6
J_BBT3_1_BBT1_2	5.3988	1871.79	01Jan2006, 12:58	619.82
J_BBT3_2	0.9359	890.58	01Jan2006, 12:44	113.2
J_BBT3_3	0.4486	543.28	01Jan2006, 12:26	54.95
J_BBT3_4	0.2998	430.48	01Jan2006, 12:17	40.45
J_BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
J_BBT4A_1	0.239	309.81	01Jan2006, 12:11	25.79
J_BBT4A_1_BBT4_2	0.7267	510.79	01Jan2006, 12:26	68.83
J_BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
J_BBT4_1	0.9302	614.75	01Jan2006, 12:28	88.75
J_BBT4_2	0.4876	372.34	01Jan2006, 12:29	43.03
J_BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
J_BBT5_1	0.8798	466.54	01Jan2006, 12:50	92.13
J_BBT5_1_BB_7	2.1128	1124.31	01Jan2006, 12:48	215.45
J_BBT5_2	0.7384	441.98	01Jan2006, 12:43	80.15
J_BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
J_BB_1	12.0576	4860.19	01Jan2006, 13:33	1338.2
J_BB_1_WC_5	43.4548	6283.52	01Jan2006, 13:33	4389.45
J_BB_2	5.7911	2726.32	01Jan2006, 13:10	620.34
J_BB_3	4.8754	2320.96	01Jan2006, 13:07	509.24
J_BB_4	3.6026	1601.79	01Jan2006, 13:05	356.24
J_BB_5	2.4141	1191.18	01Jan2006, 13:03	243.52
J_BB_5_BBT4_1	3.3443	1550.91	01Jan2006, 12:50	332.27
J_BB_6	2.1187	1125.33	01Jan2006, 12:51	215.84
J_BB_7	1.233	659.49	01Jan2006, 12:46	123.32
J_BushBT1_1	0.3765	665.04	01Jan2006, 12:21	71.28

J_BushBT1_1_BushB_2	1.7003	1910.95	01Jan2006, 12:32	305.44
J_BushBT1_2	0.2777	567.53	01Jan2006, 12:07	57.27
J_BushBT1_3	0.1465	318.68	01Jan2006, 12:13	32.29
J_BushBT2_1	0.1979	342.11	01Jan2006, 12:08	29.22
J_BushBT2_2	0.1777	298.33	01Jan2006, 12:09	25.49
J_BushBT2_T4_T5	0.8692	2034.3	01Jan2006, 12:13	163.7
J_BushBT3_1	0.2231	640.59	01Jan2006, 12:06	44.21
J_BushBT3_1_BushBT4_2	0.4202	1159.07	01Jan2006, 12:05	81.82
J_BushBT3_2	0.1883	580.54	01Jan2006, 12:03	39.84
J_BushBT4_1	0.4765	1248.61	01Jan2006, 12:14	95.8
J_BushBT4_2	0.1972	536.94	01Jan2006, 12:03	37.61
J_BushBT4_3	0.1642	487.8	01Jan2006, 12:03	33.91
J_BushBT5_1	0.1949	481.28	01Jan2006, 12:12	38.69
J_BushBT5_2	0.1609	398.9	01Jan2006, 12:06	31.01
J_BushB_1	1.9187	2076.45	01Jan2006, 12:39	346.51
J_BushB_2	1.3238	1399.86	01Jan2006, 12:34	234.16
J_BushB_3	1.149	1297.66	01Jan2006, 12:49	208.26
J_BushB_4	0.972	1276.99	01Jan2006, 12:39	179.95
J_CBT1_1	0.1972	427.02	01Jan2006, 12:13	37.01
J_CBT1_1_CB_3	0.5256	999.09	01Jan2006, 12:14	91.76
J_CBT1_2	0.1876	423.22	01Jan2006, 12:09	35.97
J_CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
J_CB_1	0.6393	1052.62	01Jan2006, 12:27	110
J_CB_2	0.5958	1031.28	01Jan2006, 12:21	102.53
J_CB_3	0.3284	572.15	01Jan2006, 12:14	54.75
J_CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
J_CryTwnBlvdRes_WC_42	1.9907	2214.73	01Jan2006, 12:25	376.23
J_GB_1	0.401	641.24	01Jan2006, 12:21	67.82
J_GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
J_PBT1_1	0.1747	100.51	01Jan2006, 12:20	12.27
J_PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
J_PB_1	1.1613	799.39	01Jan2006, 12:45	135.81
J_PB_1_BB_4	4.7639	2293.55	01Jan2006, 13:00	492.05
J_PB_2	0.9862	710.93	01Jan2006, 12:40	114.05
J_PB_3	0.6575	564.86	01Jan2006, 12:37	86.71
J_PB_3_PBT1_1	0.8323	637.02	01Jan2006, 12:32	98.98
J_PB_4	0.2727	238.52	01Jan2006, 12:23	31.43
J_RBT1_1	0.2582	762.27	01Jan2006, 12:11	55.68
J_RBT1_1_RB_7	2.3635	2056.08	01Jan2006, 12:33	415.88
J_RBT1_2	0.2113	701.64	01Jan2006, 12:02	46.88
J_RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
J_RB_1	3.146	2017.09	01Jan2006, 13:29	569.33
J_RB_10	1.4554	1511.36	01Jan2006, 12:40	260.53
J_RB_11	1.1918	1423.87	01Jan2006, 12:32	214.22
J_RB_12	0.9269	1257.46	01Jan2006, 12:27	164.14
J_RB_13	0.6298	823.99	01Jan2006, 12:24	105.24
J_RB_14	0.5006	739.51	01Jan2006, 12:17	87.07
J_RB_15	0.3472	514.07	01Jan2006, 12:07	60.96
J_RB_16	0.2576	313.13	01Jan2006, 12:07	45.23
J_RB_17	0.1645	360.6	01Jan2006, 12:05	26.35

J_RB_1_WC_21	20.4679	4726.2	01Jan2006, 13:20	2762.96
J_RB_2	3.0953	2007.73	01Jan2006, 13:26	557.47
J_RB_3	2.9041	2155.6	01Jan2006, 12:51	527.31
J_RB_4	2.7305	2097.19	01Jan2006, 12:47	490.82
J_RB_5	2.5176	1986.18	01Jan2006, 12:48	443.15
J_RB_6	2.4713	1977.47	01Jan2006, 12:42	438.49
J_RB_7	2.1053	1808.08	01Jan2006, 12:33	360.73
J_RB_8	1.9409	1741.65	01Jan2006, 12:20	339.91
J_RB_9	1.7677	1600.74	01Jan2006, 12:47	300.95
J_SB_1	1.2176	844.69	01Jan2006, 12:40	198.54
J_SB_1_WC_30	8.9555	1970.62	01Jan2006, 12:22	1261.6
J_SB_2	1.1695	866.08	01Jan2006, 12:27	188.71
J_SB_3	1.0274	788.08	01Jan2006, 12:29	166.57
J_SB_4	0.7737	600.12	01Jan2006, 12:40	126.51
J_SB_5	0.5468	398.29	01Jan2006, 12:46	89.47
J_SB_6	0.5201	697.05	01Jan2006, 12:19	89.52
J_SB_7	0.417	566.76	01Jan2006, 12:23	72.63
J_SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
J_WC37_WCT25_1	3.3506	2183.61	01Jan2006, 13:12	602.51
J_WCT10_1	0.3311	460.39	01Jan2006, 12:25	58.8
J_WCT10_2	0.2318	319.32	01Jan2006, 12:21	38.41
J_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
J_WCT11_1_WC_19	23.3779	5909.39	01Jan2006, 13:34	3173.98
J_WCT11_2	0.342	375.17	01Jan2006, 12:19	43.26
J_WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
J_WCT12A_1	0.2874	476.74	01Jan2006, 12:20	50.36
J_WCT12A_1_WCT12_4	0.8089	657.05	01Jan2006, 12:22	126.6
J_WCT12A_2	0.2173	403.51	01Jan2006, 12:12	35.65
J_WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
J_WCT12B_1	0.0844	186.63	01Jan2006, 12:07	13.45
J_WCT12_1	1.1374	563.09	01Jan2006, 13:02	189.51
J_WCT12_1_WC_22	17.1469	2984.39	01Jan2006, 12:45	2179.85
J_WCT12_2	0.9312	505.02	01Jan2006, 12:51	141.92
J_WCT12_3	0.8193	662.91	01Jan2006, 12:24	128.38
J_WCT12_4	0.5215	289.7	01Jan2006, 12:50	76.23
J_WCT12_5_1_WCT12B_1	0.2754	184.48	01Jan2006, 12:48	42.51
J_WCT12_5_2	0.4333	267.95	01Jan2006, 12:44	63.08
J_WCT12_6	0.191	225.72	01Jan2006, 12:24	29.79
J_WCT13_1	0.6855	375.93	01Jan2006, 13:08	96.59
J_WCT13_1_WC_23	15.9404	2616.44	01Jan2006, 12:29	1989.07
J_WCT13_2	0.5049	325.86	01Jan2006, 12:45	66.03
J_WCT13_3	0.4078	562.2	01Jan2006, 12:19	54.61
J_WCT13_4	0.2575	382.83	01Jan2006, 12:11	34.98
J_WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
J_WCT14_1	0.3417	552.47	01Jan2006, 12:15	52.87
J_WCT14_1_WC_24	14.6682	2233.42	01Jan2006, 16:40	1822.76
J_WCT14_2	0.2542	402.75	01Jan2006, 12:08	36.6
J_WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
J_WCT15_1	0.3746	551.22	01Jan2006, 12:09	71.46
J_WCT15_1_WC_25	14.269	2218.47	01Jan2006, 16:08	1776.31

J_WCT15_2	0.2481	347.6	01Jan2006, 12:22	41.04
J_WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
J_WCT16_1	0.305	365.81	01Jan2006, 12:20	33.03
J_WCT16_1_WC_26	13.5417	2184.77	01Jan2006, 15:16	1661.5
J_WCT16_2	0.2939	361.37	01Jan2006, 12:17	31.74
J_WCT16_3	0.2106	348.37	01Jan2006, 12:09	23.94
J_WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
J_WCT17_1	1.0661	806.37	01Jan2006, 12:44	136.85
J_WCT17_1_WC_27	13.2146	2286.71	01Jan2006, 13:30	1633.93
J_WCT17_2	0.7076	660.65	01Jan2006, 12:35	105.42
J_WCT17_3	0.6196	756.41	01Jan2006, 12:16	90.19
J_WCT17_4	0.4336	511.08	01Jan2006, 12:14	64.87
J_WCT17_5	0.2541	303.94	01Jan2006, 12:31	37.7
J_WCT17_6	0.2078	412.93	01Jan2006, 12:16	31.07
J_WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
J_WCT18_1	0.5326	821.25	01Jan2006, 12:27	105.03
J_WCT18_2	0.3909	902.58	01Jan2006, 12:14	77.41
J_WCT18_3	0.2968	719.99	01Jan2006, 12:06	57.72
J_WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
J_WCT19_1	0.3147	483.93	01Jan2006, 12:09	52.31
J_WCT19_2	0.1616	274.21	01Jan2006, 12:13	31.07
J_WCT1_1	0.5662	665.15	01Jan2006, 12:27	79.77
J_WCT1_1_WC_2	45.4576	4902.49	01Jan2006, 21:25	3798.96
J_WCT1_2	0.2847	366.93	01Jan2006, 12:21	38.99
J_WCT1_3	0.2476	337.26	01Jan2006, 12:15	32.7
J_WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
J_WCT20_1	0.2318	602.37	01Jan2006, 12:15	49.68
J_WCT20_1_WC_32	7.3276	1589.17	01Jan2006, 15:11	1005.23
J_WCT20_2	0.2266	599.13	01Jan2006, 12:13	49.06
J_WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
J_WCT21_1	0.2359	256	01Jan2006, 12:07	39.32
J_WCT21_2	0.2181	238.45	01Jan2006, 12:05	38
J_WCT21_3	0.1657	129.72	01Jan2006, 12:24	29.03
J_WCT22_1	0.5905	557.53	01Jan2006, 13:00	130.95
J_WCT22_1_WC_34	5.2179	2888.13	01Jan2006, 13:08	951.95
J_WCT22_2	0.5242	686.71	01Jan2006, 12:23	119.34
J_WCT22_3	0.347	434.11	01Jan2006, 12:27	85.89
J_WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
J_WCT23_1	0.2075	382.2	01Jan2006, 12:18	35.3
J_WCT23_2	0.2045	380.05	01Jan2006, 12:15	34.67
J_WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
J_WCT24_1	0.682	848.78	01Jan2006, 12:39	107.85
J_WCT24_1_WC_36	4.3244	2381.43	01Jan2006, 12:42	768.93
J_WCT24_2	0.6657	843.31	01Jan2006, 12:36	104.86
J_WCT24_3	0.5429	771.65	01Jan2006, 12:22	87.19
J_WCT24_4	0.2916	472.94	01Jan2006, 12:15	47.41
J_WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
J_WCT25_1	0.1626	309.6	01Jan2006, 12:10	26.09
J_WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
J_WCT26_1	0.3096	254.52	01Jan2006, 12:35	48.85

J_WCT26_1_WC_40	2.3827	2323.81	01Jan2006, 12:37	435.34
J_WCT26_2	0.2949	246.27	01Jan2006, 12:34	45.64
J_WCT26_3	0.1835	159.05	01Jan2006, 12:26	24.35
J_WCT2_1	0.3015	300.3	01Jan2006, 12:19	31.34
J_WCT2_1_WC_3	44.7396	4954.86	01Jan2006, 20:36	3977.86
J_WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
J_WCT3_1	0.2856	243.73	01Jan2006, 12:20	31.67
J_WCT3_1_WC_4	44.2785	5079.85	01Jan2006, 14:22	4177.65
J_WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
J_WCT4_1	0.2291	247.5	01Jan2006, 12:20	23.3
J_WCT4_1_WC_6	30.7989	4494.36	01Jan2006, 18:52	3140.64
J_WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
J_WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
J_WCT5_1_1	0.4649	579.32	01Jan2006, 12:30	80.73
J_WCT5_1_1_WC_7	30.4992	4557.7	01Jan2006, 18:14	3275.78
J_WCT5_1_2_WCT5A_1	0.2816	457.14	01Jan2006, 12:19	47.01
J_WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
J_WCT6_1	0.3532	562.34	01Jan2006, 12:14	51.68
J_WCT6_1_WC_8	29.7776	4555.74	01Jan2006, 17:49	3235.95
J_WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
J_WCT7_1	0.3685	478.97	01Jan2006, 12:22	56.41
J_WCT7_1_WC_12	28.26	4804.94	01Jan2006, 16:12	3515.92
J_WCT7_2	0.2674	393.83	01Jan2006, 12:15	41.8
J_WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
J_WCT8A_1	0.272	428.57	01Jan2006, 12:19	44.2
J_WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
J_WCT8_1	1.5766	1300.48	01Jan2006, 12:59	252.16
J_WCT8_1_WC_13	27.8836	4791.93	01Jan2006, 16:02	3496.35
J_WCT8_2	1.394	1215.88	01Jan2006, 12:46	205.5
J_WCT8_3	1.2056	1170.1	01Jan2006, 12:31	174.08
J_WCT8_4	0.769	658.49	01Jan2006, 12:30	102.65
J_WCT8_4_WCT8A_1	1.041	1020.88	01Jan2006, 12:25	146.85
J_WCT8_5	0.5591	482.81	01Jan2006, 12:33	71.2
J_WCT8_6	0.3137	336.6	01Jan2006, 12:26	37.23
J_WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
J_WCT9_1	0.6223	777.5	01Jan2006, 12:40	102.22
J_WCT9_1_WC_14	26.1735	4745.45	01Jan2006, 15:36	3336.68
J_WCT9_2	0.5992	772.13	01Jan2006, 12:36	99.1
J_WCT9_3	0.522	745.97	01Jan2006, 12:27	86.03
J_WCT9_4	0.3752	651.72	01Jan2006, 12:18	62.41
J_WCT9_5	0.326	591.7	01Jan2006, 12:13	54.55
J_WCT9_6	0.155	311.42	01Jan2006, 12:10	25.65
J_WC_10_WC_9	29.4145	4542.33	01Jan2006, 17:40	3255.32
J_WC_11	28.8228	4604.59	01Jan2006, 17:02	3413.11
J_WC_12	27.8916	4778.34	01Jan2006, 16:12	3459.5
J_WC_13	26.307	4658.12	01Jan2006, 16:04	3244.2
J_WC_14	25.5512	4690.44	01Jan2006, 15:36	3234.46
J_WC_15	25.1925	4659.39	01Jan2006, 15:33	3178.46
J_WC_15_WCT10_1	25.5237	4689.97	01Jan2006, 15:33	3237.26
J_WC_16	25.1644	4658.23	01Jan2006, 15:30	3179.52

J_WC_17	24.6258	4877.76	01Jan2006, 14:49	3125.83
J_WC_17_GB_1	25.0267	4918.6	01Jan2006, 14:49	3193.66
J_WC_18	23.4895	5286.71	01Jan2006, 14:08	3080.43
J_WC_19	22.9289	5817.47	01Jan2006, 13:35	3110.99
J_WC_2	44.8913	4882.77	01Jan2006, 21:25	3719.19
J_WC_20	20.5012	4637.15	01Jan2006, 13:37	2738.09
J_WC_21	17.322	2721.62	01Jan2006, 13:16	2193.63
J_WC_22	16.0095	2430.43	01Jan2006, 12:44	1990.34
J_WC_23	15.2548	2329.05	01Jan2006, 12:29	1892.48
J_WC_24	14.3265	2211.98	01Jan2006, 16:41	1769.9
J_WC_25	13.8944	2189.69	01Jan2006, 16:14	1704.86
J_WC_26	13.2367	2162.98	01Jan2006, 15:20	1628.47
J_WC_27	12.1485	2074	01Jan2006, 15:41	1497.08
J_WC_28_WCT18_1	12.1198	4949.33	01Jan2006, 12:30	1838.2
J_WC_29	9.1984	1793.48	01Jan2006, 15:24	1282.12
J_WC_29_BushB_1	11.1171	3860.2	01Jan2006, 12:39	1628.63
J_WC_3	44.4381	4945.52	01Jan2006, 20:36	3946.52
J_WC_30	7.738	1620.48	01Jan2006, 15:21	1063.06
J_WC_31	7.3369	1589.27	01Jan2006, 15:14	1005.25
J_WC_31_WCT19_1	7.6516	1617.4	01Jan2006, 15:13	1057.57
J_WC_32	7.0958	1565.52	01Jan2006, 15:12	955.54
J_WC_33_WCT21_1	6.9932	4638.87	01Jan2006, 12:24	1224.45
J_WC_34	4.6274	2341.94	01Jan2006, 13:49	821
J_WC_35	4.3433	2356.4	01Jan2006, 12:49	772.74
J_WC_35_WCT23_1	4.5508	2452.66	01Jan2006, 12:45	808.04
J_WC_36	3.6423	2173.53	01Jan2006, 13:40	661.08
J_WC_37	3.188	2151.11	01Jan2006, 13:12	576.43
J_WC_38	3.133	2186.13	01Jan2006, 13:02	568.11
J_WC_39	2.4774	2236.83	01Jan2006, 12:49	449.27
J_WC_4	43.9929	5052.57	01Jan2006, 14:23	4145.99
J_WC_40	2.073	2069.57	01Jan2006, 12:37	386.49
J_WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
J_WC_5	31.3972	4490.9	01Jan2006, 19:24	3051.26
J_WC_6	30.5698	4485.38	01Jan2006, 18:52	3117.35
J_WC_7	30.0343	4531.37	01Jan2006, 18:15	3195.05
J_WC_8	29.4244	4536.57	01Jan2006, 17:50	3184.27
J_WildBT1_1	0.5965	875.26	01Jan2006, 12:17	110.62
J_WildBT1_1_WildB_5	1.3893	1489.93	01Jan2006, 12:25	219.96
J_WildBT1_2	0.5604	829.63	01Jan2006, 12:14	104.05
J_WildBT1_3	0.3855	577.73	01Jan2006, 12:14	77.9
J_WildBT1_4	0.2021	245.32	01Jan2006, 12:25	42.41
J_WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
J_WildBT2_1	0.1817	175.39	01Jan2006, 12:22	19.84
J_WildBT2_1_WildB_6	0.7574	819.25	01Jan2006, 12:30	105.48
J_WildBT2_2	0.1578	152.38	01Jan2006, 12:18	16.43
J_WildB_1	2.086	1174.01	01Jan2006, 13:25	362.62
J_WildB_1_WC_20	22.5872	5780.09	01Jan2006, 13:30	3100.7
J_WildB_2	1.9683	1151.38	01Jan2006, 13:23	336.42
J_WildB_3	1.7985	1119.2	01Jan2006, 13:15	295.75
J_WildB_4	1.5056	1626.59	01Jan2006, 12:32	243.93

J_WildB_5	0.7927	830.86	01Jan2006, 12:36	109.33
J_WildB_6	0.5757	666.48	01Jan2006, 12:32	85.64
J_WildB_7	0.5209	636.65	01Jan2006, 12:25	78.77
J_WildB_8	0.1817	246.98	01Jan2006, 12:18	26.73
J_WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29
J_WtsnB_1	1.0213	1356.06	01Jan2006, 12:42	174.96
J_WtsnB_1_WC_18	24.5108	5442.41	01Jan2006, 14:06	3255.4
J_WtsnB_2	0.2643	377.34	01Jan2006, 12:04	43.75
J_WtsnB_2_CB_1	0.9036	1298.19	01Jan2006, 12:26	153.75
J_WtsnB_3	0.1687	223.41	01Jan2006, 12:19	26.06
J_WtsnB_4	0.1534	216.83	01Jan2006, 12:17	23.78
Lake Raleigh	12.1198	2072.3	01Jan2006, 15:32	1552.6
Lake Johnson	6.9932	1558.31	01Jan2006, 15:07	971.04
PBT1_1	0.0066	7	01Jan2006, 12:06	0.53
PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
PB_1	0.1751	185.69	01Jan2006, 12:20	22.15
PB_2	0.154	130.12	01Jan2006, 12:19	15.33
PB_3	0.3848	412.66	01Jan2006, 12:26	55.54
PB_4_1	0.1089	113.64	01Jan2006, 12:17	12.58
PB_4_2	0.1638	138.37	01Jan2006, 12:26	18.85
Pineview Dr	0.7737	599.7	01Jan2006, 12:41	126.51
PoplarBranch_I40	0.1638	137.55	01Jan2006, 12:28	18.85
Priv_1001_UnderwoodPond_WCT8	0.3137	336.6	01Jan2006, 12:26	37.23
Private15_Ileagnes_WCT12	0.4333	267.95	01Jan2006, 12:44	63.08
Private23_GolfCourseC_WCT12	0.1614	215.6	01Jan2006, 12:24	25.65
Private36_GolfCourseA_WCT12B	0.0844	186.63	01Jan2006, 12:07	13.45
RBT1_1	0.0469	144.25	01Jan2006, 12:01	8.9
RBT1_2	0.0428	166.97	01Jan2006, 11:58	9.53
RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
RB_1	0.0507	155.91	01Jan2006, 12:05	12.32
RB_10	0.2635	646.62	01Jan2006, 12:05	46.89
RB_11	0.265	604.68	01Jan2006, 12:08	50.44
RB_12	0.2971	501.46	01Jan2006, 12:19	59.08
RB_13	0.1292	243.71	01Jan2006, 12:06	18.36
RB_14	0.1534	303.55	01Jan2006, 12:09	26.31
RB_15	0.0896	224.83	01Jan2006, 12:04	15.77
RB_16	0.0931	256.36	01Jan2006, 12:05	19.21
RB_17	0.1645	360.6	01Jan2006, 12:05	26.35
RB_2	0.1911	337.27	01Jan2006, 12:12	32.65
RB_3	0.1736	442.65	01Jan2006, 12:07	37.16
RB_4	0.2129	485.91	01Jan2006, 12:11	47.79
RB_5	0.0463	81.44	01Jan2006, 12:03	5.38
RB_6	0.1078	335.9	01Jan2006, 12:03	23.04
RB_7	0.1644	290.8	01Jan2006, 12:06	22.14
RB_8	0.1732	453.23	01Jan2006, 12:08	39.22
RB_9	0.3123	471.68	01Jan2006, 12:10	41.26
R_BBT1_1	5.3988	1871.79	01Jan2006, 13:23	614.15
R_BBT1_2	3.9284	1350.58	01Jan2006, 13:55	437.61
R_BBT2_1_1	0.2702	345.15	01Jan2006, 12:34	34.16
R_BBT2_1_2	0.2702	345.15	01Jan2006, 12:23	34.28

R_BBT2_2	0.1698	250.24	01Jan2006, 12:17	22.13
R_BBT2_3	0.16	242.99	01Jan2006, 12:11	20.9
R_BBT3A_1	0.2052	218.9	01Jan2006, 12:21	23.04
R_BBT3_1	0.9359	890.58	01Jan2006, 12:53	112.86
R_BBT3_2	0.6816	768.33	01Jan2006, 12:38	79.68
R_BBT3_3	0.2998	430.48	01Jan2006, 12:27	40.32
R_BBT3_4	0.1852	309.71	01Jan2006, 12:18	27.62
R_BBT4A_1	0.2035	270.57	01Jan2006, 12:11	22.34
R_BBT4_1	0.7267	510.79	01Jan2006, 12:40	68.46
R_BBT4_2	0.176	182.37	01Jan2006, 12:29	14.44
R_BBT5_1	0.7384	441.98	01Jan2006, 12:51	79.92
R_BBT5_2	0.6041	393.07	01Jan2006, 12:47	69.49
R_BB_1	11.6903	4749.78	01Jan2006, 13:33	1294.59
R_BB_2	5.3834	2563.51	01Jan2006, 13:11	569.94
R_BB_3	4.7639	2293.55	01Jan2006, 13:07	490.77
R_BB_4	3.3443	1550.91	01Jan2006, 13:06	330.25
R_BB_5	2.1187	1125.33	01Jan2006, 13:05	214.71
R_BB_6	2.1128	1124.31	01Jan2006, 12:51	215.21
R_BushBT1_1	0.2777	567.53	01Jan2006, 12:22	57.06
R_BushBT1_2	0.1465	318.68	01Jan2006, 12:17	32.26
R_BushBT3_1	0.1883	580.54	01Jan2006, 12:07	39.8
R_BushBT4_1	0.4202	1159.07	01Jan2006, 12:14	81.64
R_BushBT5_1	0.1609	398.9	01Jan2006, 12:12	30.96
R_BushB_1	1.7003	1910.95	01Jan2006, 12:40	304.78
R_BushB_2	1.149	1297.66	01Jan2006, 13:02	207.54
R_BushB_3_1	0.972	1237.02	01Jan2006, 12:52	179.69
R_BushB_3_2	0.972	1276.99	01Jan2006, 12:43	179.77
R_BushB_4_1	0.972	1276.99	01Jan2006, 12:39	179.95
R_BushB_4_2	0.8692	2034.3	01Jan2006, 12:19	163.45
R_CBT1_1	0.1876	423.22	01Jan2006, 12:13	35.93
R_CBT1_2	0.1693	407.91	01Jan2006, 12:10	33.04
R_CB_1	0.5958	1031.28	01Jan2006, 12:27	102.36
R_CB_2	0.5256	999.09	01Jan2006, 12:21	91.59
R_CB_3	0.1677	311.8	01Jan2006, 12:15	28.46
R_GB_1	0.1663	298.78	01Jan2006, 12:25	25.33
R_PBT1_1	0.1682	97.54	01Jan2006, 12:20	11.74
R_PB_1	0.9862	710.93	01Jan2006, 12:50	113.65
R_PB_2	0.8323	637.02	01Jan2006, 12:40	98.71
R_PB_3	0.2727	238.52	01Jan2006, 12:47	31.17
R_RBT1_1	0.2113	701.64	01Jan2006, 12:11	46.78
R_RBT1_2	0.1685	582.96	01Jan2006, 12:04	37.35
R_RB_1	3.0953	2007.73	01Jan2006, 13:29	557.01
R_RB_10	1.1918	1423.87	01Jan2006, 12:42	213.64
R_RB_11	0.9269	1257.46	01Jan2006, 12:35	163.78
R_RB_12	0.6298	823.99	01Jan2006, 12:30	105.06
R_RB_13	0.5006	739.51	01Jan2006, 12:25	86.87
R_RB_14_1	0.3472	504.26	01Jan2006, 12:19	60.76
R_RB_14_2	0.3472	514.07	01Jan2006, 12:17	60.8
R_RB_15	0.2576	313.13	01Jan2006, 12:10	45.2
R_RB_16_1	0.1645	157.13	01Jan2006, 12:27	26.02

R_RB_16_2	0.1645	157.13	01Jan2006, 12:19	26.08
R_RB_2	2.9041	1971.87	01Jan2006, 13:27	524.82
R_RB_3	2.7305	2097.19	01Jan2006, 12:52	490.15
R_RB_4	2.5176	1986.18	01Jan2006, 12:49	443.03
R_RB_5	2.4713	1977.47	01Jan2006, 12:48	437.77
R_RB_6	2.3635	1943.87	01Jan2006, 12:42	415.45
R_RB_7	1.9409	1741.65	01Jan2006, 12:34	338.6
R_RB_8	1.7677	1600.74	01Jan2006, 12:50	300.69
R_RB_9	1.4554	1511.36	01Jan2006, 12:52	259.68
R_SB_1	1.1695	830.83	01Jan2006, 12:41	188.44
R_SB_2	1.0274	787.59	01Jan2006, 12:31	166.39
R_SB_3	0.7737	599.35	01Jan2006, 12:43	126.34
R_SB_4	0.5468	397.18	01Jan2006, 12:52	89.22
R_SB_7	0.1701	311.64	01Jan2006, 12:19	32.21
R_WCT10_1	0.2318	319.32	01Jan2006, 12:30	38.31
R_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
R_WCT11_2	0.16	162.42	01Jan2006, 12:27	17.39
R_WCT12A_1	0.2173	403.51	01Jan2006, 12:22	35.55
R_WCT12A_2	0.1534	271.95	01Jan2006, 12:13	23.53
R_WCT12B_1	0.0844	186.63	01Jan2006, 12:12	13.43
R_WCT12_1	0.9312	505.02	01Jan2006, 13:01	141.48
R_WCT12_2	0.8193	662.91	01Jan2006, 12:30	128.14
R_WCT12_3	0.8089	657.05	01Jan2006, 12:25	126.48
R_WCT12_4	0.4333	267.95	01Jan2006, 12:53	62.9
R_WCT12_5_1	0.191	225.72	01Jan2006, 12:31	29.73
R_WCT12_5_2	0.2754	184.48	01Jan2006, 12:52	42.46
R_WCT13_1	0.5049	325.86	01Jan2006, 13:02	65.61
R_WCT13_2	0.4078	562.2	01Jan2006, 12:27	54.47
R_WCT13_3	0.2575	382.83	01Jan2006, 12:21	34.87
R_WCT13_4	0.1561	220.66	01Jan2006, 12:14	20.37
R_WCT14_1	0.2542	402.75	01Jan2006, 12:18	36.49
R_WCT14_2_1	0.1748	243.44	01Jan2006, 12:14	21.43
R_WCT14_2_2	0.1748	243.44	01Jan2006, 12:10	21.46
R_WCT15_1	0.2481	347.6	01Jan2006, 12:31	40.94
R_WCT15_2	0.1794	294.15	01Jan2006, 12:18	28.26
R_WCT16_1	0.2939	361.37	01Jan2006, 12:20	31.71
R_WCT16_2	0.2106	348.37	01Jan2006, 12:14	23.9
R_WCT16_3	0.1646	300.6	01Jan2006, 12:09	19.54
R_WCT17_1	0.7076	660.65	01Jan2006, 12:58	104.65
R_WCT17_2	0.6196	756.41	01Jan2006, 12:18	90.14
R_WCT17_3	0.4336	511.08	01Jan2006, 12:19	64.77
R_WCT17_4	0.2541	303.94	01Jan2006, 12:34	37.67
R_WCT17_5	0.2078	412.93	01Jan2006, 12:23	31.01
R_WCT17_7	0.1909	402.35	01Jan2006, 12:16	28.6
R_WCT18_1	0.3909	902.58	01Jan2006, 12:21	77.28
R_WCT18_2	0.2968	719.99	01Jan2006, 12:15	57.59
R_WCT18_3	0.2071	517.02	01Jan2006, 12:08	42.34
R_WCT19_1	0.1616	274.21	01Jan2006, 12:23	31
R_WCT1_1	0.2847	366.93	01Jan2006, 12:31	38.87
R_WCT1_2	0.2476	337.26	01Jan2006, 12:22	32.62

R_WCT1_3	0.1611	221.5	01Jan2006, 12:16	21.23
R_WCT20_1	0.2266	599.13	01Jan2006, 12:15	49.03
R_WCT20_2	0.169	485.84	01Jan2006, 12:14	37.65
R_WCT21_1	0.2181	238.45	01Jan2006, 12:08	37.97
R_WCT21_2	0.1657	129.72	01Jan2006, 12:29	28.99
R_WCT22_1	0.5242	686.71	01Jan2006, 12:35	119.01
R_WCT22_2	0.347	434.11	01Jan2006, 12:36	85.72
R_WCT22_3	0.2027	581.7	01Jan2006, 12:10	48.84
R_WCT23_1	0.2045	380.05	01Jan2006, 12:18	34.64
R_WCT23_2	0.1653	325.87	01Jan2006, 12:16	26.88
R_WCT24_1	0.6657	843.31	01Jan2006, 12:39	104.77
R_WCT24_2	0.5429	771.65	01Jan2006, 12:37	86.81
R_WCT24_3	0.2916	444.56	01Jan2006, 12:27	47.23
R_WCT24_4	0.1858	374.94	01Jan2006, 12:18	31.71
R_WCT25_1	0.1569	298.32	01Jan2006, 12:11	25
R_WCT26_1	0.2949	246.27	01Jan2006, 12:38	45.58
R_WCT26_2	0.1835	159.05	01Jan2006, 12:34	24.28
R_WCT2_1	0.1566	157.99	01Jan2006, 12:20	15.41
R_WCT3_1	0.1582	126.58	01Jan2006, 12:30	16.02
R_WCT4_1	0.1483	184.75	01Jan2006, 12:21	16.08
R_WCT5A_1	0.1308	269.56	01Jan2006, 12:10	22.7
R_WCT5_1_1	0.2816	457.14	01Jan2006, 12:34	46.81
R_WCT5_1_2	0.1508	292.17	01Jan2006, 12:24	24.31
R_WCT6_1	0.152	259.87	01Jan2006, 12:15	22.2
R_WCT7_1	0.2674	393.83	01Jan2006, 12:25	41.68
R_WCT7_2	0.2009	297.24	01Jan2006, 12:17	31.83
R_WCT7_2_1	0.2009	297.24	01Jan2006, 12:18	31.82
R_WCT8A_1	0.1499	240.53	01Jan2006, 12:19	23.07
R_WCT8_1	1.394	1215.88	01Jan2006, 12:59	204.68
R_WCT8_2	1.2056	1170.1	01Jan2006, 12:42	173.48
R_WCT8_3	1.041	1020.88	01Jan2006, 12:33	146.48
R_WCT8_4	0.5591	482.81	01Jan2006, 12:50	70.8
R_WCT8_5	0.3137	336.6	01Jan2006, 12:37	37.09
R_WCT8_6	0.1524	216.59	01Jan2006, 12:21	20.54
R_WCT9_1	0.5992	772.13	01Jan2006, 12:40	98.99
R_WCT9_2	0.522	745.97	01Jan2006, 12:37	85.79
R_WCT9_3	0.3752	651.72	01Jan2006, 12:24	62.3
R_WCT9_4	0.326	591.7	01Jan2006, 12:19	54.46
R_WCT9_5	0.155	311.42	01Jan2006, 12:12	25.64
R_WC_1	45.4576	4760.27	01Jan2006, 22:42	3275.57
R_WC_11	28.26	4568.11	01Jan2006, 17:02	3314.11
R_WC_12	27.8836	4777.82	01Jan2006, 16:12	3458.27
R_WC_13	26.1735	4648.4	01Jan2006, 16:04	3222.31
R_WC_14	25.5237	4688.35	01Jan2006, 15:36	3230.23
R_WC_15	25.1644	4656.78	01Jan2006, 15:33	3171.42
R_WC_16	25.0267	4644.55	01Jan2006, 15:30	3144.97
R_WC_17	24.5108	4864.52	01Jan2006, 14:50	3097.52
R_WC_18	23.3779	5273.64	01Jan2006, 14:08	3063.65
R_WC_19	22.5872	5757.15	01Jan2006, 13:35	3047.67
R_WC_2	44.7396	4877.65	01Jan2006, 21:25	3699.08

R_WC_20	20.4679	4631.91	01Jan2006, 13:37	2730.6
R_WC_21	17.1469	2680.67	01Jan2006, 13:17	2162.23
R_WC_22	15.9404	2408.16	01Jan2006, 12:44	1975.53
R_WC_23	14.6682	2201.21	01Jan2006, 17:29	1783.58
R_WC_24	14.269	2207.8	01Jan2006, 16:41	1757.17
R_WC_25	13.5417	2163.98	01Jan2006, 16:19	1636.75
R_WC_26	13.2146	2160.83	01Jan2006, 15:20	1622.96
R_WC_27	12.1198	2071.4	01Jan2006, 15:41	1489.79
R_WC_29	8.9555	1772.45	01Jan2006, 15:25	1244.22
R_WC_3	44.2785	4939.65	01Jan2006, 20:36	3923
R_WC_30	7.6516	1613.36	01Jan2006, 15:21	1049.52
R_WC_31	7.3276	1588.52	01Jan2006, 15:14	1003.91
R_WC_32	6.9932	1556.99	01Jan2006, 15:12	940.73
R_WC_34	4.5508	2330.97	01Jan2006, 13:49	805.06
R_WC_35	4.3244	2351.03	01Jan2006, 12:49	768.51
R_WC_36	3.3506	2118.94	01Jan2006, 13:41	601.58
R_WC_37	3.133	2141.88	01Jan2006, 13:13	568.04
R_WC_38	2.4774	1824.41	01Jan2006, 13:12	448.64
R_WC_39	2.3827	2212.44	01Jan2006, 12:49	433.49
R_WC_4	43.4548	5008.91	01Jan2006, 19:47	4082.08
R_WC_40	1.9907	2023.65	01Jan2006, 12:37	374.26
R_WC_41	0.8865	810.75	01Jan2006, 13:23	151.54
R_WC_5	30.7989	4467.8	01Jan2006, 19:24	2988.7
R_WC_6	30.4992	4482.18	01Jan2006, 18:52	3107.49
R_WC_7	29.7776	4516.82	01Jan2006, 18:15	3148.28
R_WC_8	29.4145	4536.08	01Jan2006, 17:50	3182.97
R_WC_9	28.8228	4508.23	01Jan2006, 17:40	3166.13
R_WildBT1_1	0.5604	829.63	01Jan2006, 12:18	103.94
R_WildBT1_2	0.3855	577.73	01Jan2006, 12:19	77.8
R_WildBT1_3	0.2021	245.32	01Jan2006, 12:33	42.33
R_WildBT1_4	0.1682	421.03	01Jan2006, 12:12	34.35
R_WildBT2_1	0.1578	152.38	01Jan2006, 12:24	16.39
R_WildB_1	1.9683	1151.38	01Jan2006, 13:25	336.23
R_WildB_2	1.7985	1119.2	01Jan2006, 13:20	295.33
R_WildB_3	1.5056	1626.59	01Jan2006, 12:44	243.1
R_WildB_4	1.3893	1489.93	01Jan2006, 12:35	219.32
R_WildB_5	0.7574	819.25	01Jan2006, 12:36	105.28
R_WildB_6	0.5209	636.65	01Jan2006, 12:33	78.58
R_WildB_7	0.1817	246.98	01Jan2006, 12:24	26.69
R_WildB_8	0.1569	235.76	01Jan2006, 12:18	23.25
R_WtsnB_1	0.9036	1298.19	01Jan2006, 12:42	153.07
R_WtsnB_2	0.1687	197.96	01Jan2006, 12:32	26.03
R_WtsnB_3	0.1534	216.83	01Jan2006, 12:19	23.77
RockyTrib1 Generic Reservoir	0.2582	252.29	01Jan2006, 12:24	55.15
SB_1	0.0481	160.92	01Jan2006, 12:01	10.1
SB_2	0.142	301.48	01Jan2006, 12:06	22.32
SB_3	0.2538	371.02	01Jan2006, 12:16	40.22
SB_4	0.2269	270.45	01Jan2006, 12:27	37.29
SB_5	0.0267	73.49	01Jan2006, 12:03	4.83
SB_6	0.103	193.75	01Jan2006, 12:10	16.89

SB_7	0.247	277.32	01Jan2006, 12:30	40.42
SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
WCLAKRA_LakeRaleighA_WCT18	0.5326	821.25	01Jan2006, 12:27	105.03
WCT10_1	0.0994	192.15	01Jan2006, 12:15	20.49
WCT10_2	0.2318	319.46	01Jan2006, 12:20	38.42
WCT10_MLK	0.2318	319.32	01Jan2006, 12:21	38.41
WCT11_1	0.107	212.78	01Jan2006, 12:11	20.05
WCT11_2	0.182	261.33	01Jan2006, 12:13	25.87
WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
WCT11_I40	0.449	535.55	01Jan2006, 12:21	63.3
WCT12A_1	0.0701	194.63	01Jan2006, 12:05	14.81
WCT12A_2	0.0638	132.84	01Jan2006, 12:10	12.11
WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
WCT12B_1	0.0844	199.43	01Jan2006, 12:04	13.52
WCT12_1	0.2062	550.48	01Jan2006, 12:08	48.49
WCT12_2	0.0529	84.55	01Jan2006, 12:12	8.08
WCT12_3	0.0104	28.56	01Jan2006, 12:03	1.89
WCT12_4	0.0882	173.71	01Jan2006, 12:07	13.34
WCT12_5_1	0.1579	201	01Jan2006, 12:17	21.98
WCT12_5_2	0.0296	74.33	01Jan2006, 11:59	4.14
WCT12_6	0.1614	241.69	01Jan2006, 12:16	25.99
WCT12_I40	1.1374	563.09	01Jan2006, 13:02	189.51
WCT12_RR_Xsing	0.2754	184.48	01Jan2006, 12:48	42.51
WCT12_SouthSaundersSt	0.9312	505.02	01Jan2006, 12:51	141.92
WCT13_1	0.1616	250.4	01Jan2006, 12:19	29.71
WCT13_2	0.0971	202.3	01Jan2006, 12:07	15.79
WCT13_3	0.1502	196.73	01Jan2006, 12:14	19.75
WCT13_4	0.1014	185.87	01Jan2006, 12:07	14.61
WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
WCT13_I40	0.6855	375.93	01Jan2006, 13:08	96.59
WCT13_RRXsing	0.6855	376.34	01Jan2006, 13:07	96.59
WCT14_1	0.0875	192.49	01Jan2006, 12:09	16.37
WCT14_2	0.0794	212.48	01Jan2006, 12:04	15.18
WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
WCT15_1	0.1265	372.15	01Jan2006, 12:06	30.52
WCT15_2	0.0686	168.88	01Jan2006, 12:06	12.79
WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
WCT15_I40	0.2481	347.6	01Jan2006, 12:22	41.04
WCT16_1	0.0111	22.48	01Jan2006, 12:01	1.32
WCT16_2	0.0834	138.73	01Jan2006, 12:00	8.03
WCT16_3	0.0459	48.23	01Jan2006, 12:11	4.4
WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
WCT17_1	0.3585	218.62	01Jan2006, 12:28	32.2
WCT17_2	0.088	194.5	01Jan2006, 12:05	13.96
WCT17_3	0.186	272.63	01Jan2006, 12:12	25.42
WCT17_4	0.1796	300.43	01Jan2006, 12:11	27.2
WCT17_5	0.0463	95.11	01Jan2006, 12:05	6.7
WCT17_6	0.0169	40.89	01Jan2006, 12:01	2.47
WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
WCT17_I40	0.7076	660.65	01Jan2006, 12:35	105.42

WCT17_LineberryDr	0.2541	303.94	01Jan2006, 12:31	37.7
WCT18_1	0.1417	469.24	01Jan2006, 12:00	28.06
WCT18_2	0.0941	247.17	01Jan2006, 12:06	19.83
WCT18_3	0.0897	231.44	01Jan2006, 12:03	15.38
WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
WCT19_1	0.153	275.04	01Jan2006, 12:07	21.32
WCT19_2	0.1616	429.25	01Jan2006, 12:05	31.08
WCT19_Thistledown	0.1616	274.21	01Jan2006, 12:13	31.07
WCT1_1	0.2815	361.28	01Jan2006, 12:18	40.9
WCT1_2	0.0371	88.48	01Jan2006, 12:05	6.37
WCT1_3	0.0866	119.7	01Jan2006, 12:12	11.47
WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
WCT20_1	0.0052	10.57	01Jan2006, 12:02	0.65
WCT20_2	0.0576	142.39	01Jan2006, 12:07	11.4
WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
WCT21_1	0.0178	18.81	01Jan2006, 12:04	1.35
WCT21_2	0.0524	133.56	01Jan2006, 12:03	9.01
WCT21_3	0.1657	376.33	01Jan2006, 12:06	29.04
WCT21_I40	0.1657	129.72	01Jan2006, 12:24	29.03
WCT22_1	0.0664	137.55	01Jan2006, 12:09	12
WCT22_2	0.1772	295.46	01Jan2006, 12:18	33.62
WCT22_3	0.1443	359.15	01Jan2006, 12:11	37.19
WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
WCT22_I40_US	0.347	434.11	01Jan2006, 12:27	85.89
WCT22_I440_DS	0.5905	557.53	01Jan2006, 13:00	130.95
WCT23_1	0.003	10.52	01Jan2006, 12:00	0.67
WCT23_2	0.0392	108.29	01Jan2006, 12:04	7.79
WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
WCT24_1	0.0164	44.88	01Jan2006, 12:03	3.08
WCT24_2	0.1228	193.69	01Jan2006, 12:12	18.05
WCT24_3	0.2513	373.65	01Jan2006, 12:16	39.96
WCT24_4	0.1057	229.43	01Jan2006, 12:04	15.7
WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
WCT25_1	0.0057	15.66	01Jan2006, 12:04	1.09
WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
WCT26_1	0.0147	39.64	01Jan2006, 12:07	3.27
WCT26_2	0.1115	251.63	01Jan2006, 12:10	22.9
WCT26_3	0.1835	256.84	01Jan2006, 12:12	24.38
WCT26_I40	0.2949	246.27	01Jan2006, 12:34	45.64
WCT26_WesternBlvd	0.1835	159.05	01Jan2006, 12:26	24.35
WCT2_1	0.145	143.74	01Jan2006, 12:17	15.93
WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
WCT3_1	0.1274	157.4	01Jan2006, 12:13	15.65
WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
WCT4_1	0.0808	68.34	01Jan2006, 12:14	7.21
WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
WCT5_1	0.1833	405.01	01Jan2006, 12:08	33.92
WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
WCT6_1	0.2012	306.11	01Jan2006, 12:13	29.48

WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
WCT7_1	0.101	178.44	01Jan2006, 12:08	14.73
WCT7_2	0.0666	115.14	01Jan2006, 12:10	9.99
WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
WCT8A_1	0.1221	189.09	01Jan2006, 12:17	21.13
WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
WCT8_1	0.1826	410.94	01Jan2006, 12:14	47.48
WCT8_2	0.1885	370.03	01Jan2006, 12:09	32.23
WCT8_3	0.1646	272.12	01Jan2006, 12:14	27.59
WCT8_4	0.2099	252.49	01Jan2006, 12:23	31.85
WCT8_5	0.2454	364.48	01Jan2006, 12:12	34.11
WCT8_6	0.1614	138.37	01Jan2006, 12:21	16.95
WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
WCT8_I40	1.394	1215.88	01Jan2006, 12:46	205.5
WCT9_1	0.0231	53.03	01Jan2006, 12:01	3.23
WCT9_2	0.0772	199.05	01Jan2006, 12:03	13.31
WCT9_3	0.1468	288.18	01Jan2006, 12:08	23.78
WCT9_4	0.0492	101.32	01Jan2006, 12:07	7.95
WCT9_5	0.171	283.62	01Jan2006, 12:14	28.91
WCT9_6	0.155	317.43	01Jan2006, 12:08	25.66
WCT9_MLK	0.522	745.97	01Jan2006, 12:27	86.03
WCT9_PooleRd	0.155	311.42	01Jan2006, 12:10	25.65
WC_1	0.6191	699.58	01Jan2006, 12:24	91.51
WC_10	0.3731	420.77	01Jan2006, 12:24	54.96
WC_11	0.5628	1006.37	01Jan2006, 12:13	99
WC_12	0.008	19.33	01Jan2006, 12:02	1.23
WC_13	0.1335	255.18	01Jan2006, 12:09	21.88
WC_14	0.0276	62.15	01Jan2006, 12:04	4.23
WC_15	0.0282	95.4	01Jan2006, 12:03	7.04
WC_16	0.1376	335.57	01Jan2006, 12:11	34.55
WC_17	0.115	281.8	01Jan2006, 12:11	28.31
WC_18	0.1116	174.28	01Jan2006, 12:13	16.78
WC_19	0.3417	649.73	01Jan2006, 12:12	63.32
WC_2	0.1517	184.47	01Jan2006, 12:17	20.12
WC_20	0.0332	118.41	01Jan2006, 12:00	7.49
WC_21	0.076	114.51	01Jan2006, 12:16	12.35
WC_22	0.0499	160.72	01Jan2006, 12:03	11.2
WC_23	0.5254	814.04	01Jan2006, 12:20	99.34
WC_24	0.0575	157.29	01Jan2006, 12:06	12.73
WC_25	0.3527	841.42	01Jan2006, 12:07	68.11
WC_26	0.0221	78.92	01Jan2006, 12:02	5.51
WC_27	0.0287	94.3	01Jan2006, 12:04	7.29
WC_28	0.4701	1144.14	01Jan2006, 12:09	104.54
WC_29	0.2428	348.91	01Jan2006, 12:16	37.89
WC_3	0.1596	235.44	01Jan2006, 12:14	23.52
WC_30	0.0864	192.01	01Jan2006, 12:05	13.54
WC_31	0.0093	19.51	01Jan2006, 12:04	1.35
WC_32	0.1026	181.43	01Jan2006, 12:08	14.81
WC_33	1.5394	2050.7	01Jan2006, 12:18	233.19
WC_34	0.0766	233.38	01Jan2006, 12:03	15.94

WC_35	0.019	58.71	01Jan2006, 12:03	4.23
WC_36	0.2917	557.75	01Jan2006, 12:15	59.5
WC_37	0.055	126.3	01Jan2006, 12:03	8.38
WC_38	0.6557	828	01Jan2006, 12:29	119.47
WC_39	0.0947	219.1	01Jan2006, 12:05	15.79
WC_4	0.5381	631.53	01Jan2006, 12:14	63.91
WC_40	0.0823	133.37	01Jan2006, 12:11	12.23
WC_41	0.5422	1079.17	01Jan2006, 12:17	127.82
WC_42	0.5619	679	01Jan2006, 12:28	96.87
WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
WC_5	0.5983	415.52	01Jan2006, 12:31	62.56
WC_6	0.0706	117.39	01Jan2006, 12:09	9.86
WC_7	0.2568	483.1	01Jan2006, 12:12	46.77
WC_8	0.0099	18.56	01Jan2006, 12:05	1.31
WC_9	0.2186	265.71	01Jan2006, 12:23	34.22
Watson Generic Reservoir	0.1687	197.96	01Jan2006, 12:27	26.06
White Oak Lake	0.5201	391.42	01Jan2006, 12:46	84.64
WildBT1_1	0.0362	89.59	01Jan2006, 12:05	6.68
WildBT1_2	0.1749	310.22	01Jan2006, 12:09	26.25
WildBT1_3	0.1834	365.86	01Jan2006, 12:12	35.57
WildBT1_4	0.0339	120.36	01Jan2006, 12:01	8.09
WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
WildBT2_1	0.0239	39.82	01Jan2006, 12:10	3.44
WildBT2_2	0.1578	174.32	01Jan2006, 12:12	16.43
WildBTrb1_Tryon_And_Chapanoke	0.2021	245.32	01Jan2006, 12:25	42.41
WildB_1	0.1177	316.58	01Jan2006, 12:07	26.38
WildB_2	0.1698	395.33	01Jan2006, 12:12	41.1
WildB_3	0.2929	428.41	01Jan2006, 12:21	52.89
WildB_4	0.1163	221.82	01Jan2006, 12:16	24.61
WildB_5	0.0353	52.35	01Jan2006, 12:07	4.06
WildB_6	0.0548	81.29	01Jan2006, 12:10	7.06
WildB_7	0.3393	390.36	01Jan2006, 12:25	52.09
WildB_8	0.0248	61.69	01Jan2006, 12:00	3.48
WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29
WildBrnchT2_RRXsing	0.1578	152.38	01Jan2006, 12:18	16.43
WildcatBranch_I40Xsing	1.9683	1151.38	01Jan2006, 13:23	336.42
WildcatBranch_RRXsing	1.7985	1119.2	01Jan2006, 13:15	295.75
WtsnB_1	0.1177	247.55	01Jan2006, 12:10	21.89
WtsnB_2	0.0956	269.77	01Jan2006, 12:02	17.73
WtsnB_3	0.0154	41.73	01Jan2006, 11:59	2.3
WtsnB_4	0.1534	216.83	01Jan2006, 12:17	23.78

GLOBAL SUMMARY
Existing Conditions 25-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0767	6522.95	01Jan2006, 22:20	4705.01
72_CarolinaPines_WCT13	0.5049	678.81	01Jan2006, 12:36	92.25
AreaA	0.0612	132.16	01Jan2006, 12:13	12.98
AreaB1	0.019	27.98	01Jan2006, 12:05	1.99
AreaB2	0.059	100.67	01Jan2006, 12:09	8.46
AreaC1	0.0193	59.07	01Jan2006, 12:07	4.76
AreaC2	0.099	262.37	01Jan2006, 12:11	24.97
Avent Ferry Dr	1.1695	1092.12	01Jan2006, 12:53	254.76
BBT1_1	0.5004	531.99	01Jan2006, 12:42	93.63
BBT1_2	0.272	509.21	01Jan2006, 12:14	50.98
BBT1_3	3.9284	2842.99	01Jan2006, 13:03	638.62
BBT2_1	0.2378	264.35	01Jan2006, 12:37	43.31
BBT2_2	0.1003	153.08	01Jan2006, 12:18	17.27
BBT2_3	0.0099	31.22	01Jan2006, 12:00	1.79
BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
BBT3A_1	0.0277	27.58	01Jan2006, 12:17	3.15
BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
BBT3_1	0.2625	323.27	01Jan2006, 12:29	46.14
BBT3_2	0.2544	335.04	01Jan2006, 12:28	46.87
BBT3_3	0.1488	177.68	01Jan2006, 12:20	21.46
BBT3_4	0.1146	205.59	01Jan2006, 12:11	18.42
BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
BBT4A_1	0.0355	60.18	01Jan2006, 12:09	5.07
BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
BBT4_1	0.2036	267.81	01Jan2006, 12:17	29.7
BBT4_2	0.3116	293.2	01Jan2006, 12:29	42.43
BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
BBT5_1	0.1414	225.78	01Jan2006, 12:08	18.32
BBT5_2	0.1343	125.26	01Jan2006, 12:23	16.23
BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
BB_1	0.3673	352.42	01Jan2006, 12:42	61.92
BB_2	0.4078	463.14	01Jan2006, 12:33	71.12
BB_3	0.1114	264.41	01Jan2006, 12:11	24.85
BB_4	0.2583	365.19	01Jan2006, 12:15	37.99
BB_5	0.2954	375.28	01Jan2006, 12:18	42.33
BB_6	0.006	13.56	01Jan2006, 12:04	0.92
BB_7	1.233	994.82	01Jan2006, 12:44	180.46
BigBranchTrib1_I40Xsing	3.9284	1858.47	01Jan2006, 13:45	630.19
BigBranchTrib3_I40Xsing	0.9359	1134.61	01Jan2006, 12:47	160.02
BigBrnch_AuburnChurchRd_US	1.233	992.89	01Jan2006, 12:45	180.24
BushBT1_1	0.0988	235.19	01Jan2006, 12:08	19.58
BushBT1_2	0.1312	461.15	01Jan2006, 12:04	32.87
BushB_1	0.2184	523.65	01Jan2006, 12:14	54.79
BushB_2	0.1747	379.4	01Jan2006, 12:12	36.3
BushB_3	0.177	431.23	01Jan2006, 12:10	38.6
BushB_4	0.1027	292.2	01Jan2006, 12:07	22.89
Bushy Branch Generic Reservoir	0.972	1785.27	01Jan2006, 12:28	236.97
CBT1_1	0.0096	28.66	01Jan2006, 11:59	1.55

CBT1_2	0.0184	70.36	01Jan2006, 11:59	3.97
CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
CB_1	0.0436	152.91	01Jan2006, 12:03	10.18
CB_2	0.0701	252.23	01Jan2006, 12:00	14.87
CB_3	0.1607	351.25	01Jan2006, 12:14	35.44
CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
Cary Towne Blvd	1.4288	1908.75	01Jan2006, 12:21	364.29
DortheaDixFarmPnd_WCT16	0.2939	528.86	01Jan2006, 12:16	45.83
GB_1	0.2347	569.41	01Jan2006, 12:13	56.32
GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
GatlingBranch_I40Xsing	0.401	855.12	01Jan2006, 12:21	90.84
I-440 Beltline	0.5468	630.54	01Jan2006, 12:45	120.45
J_BBT1_1	5.8992	2825.17	01Jan2006, 13:30	970.44
J_BBT1_1_BB_2	11.6903	6747.8	01Jan2006, 13:25	1863.94
J_BBT1_2	4.2004	1902.49	01Jan2006, 13:56	678.58
J_BBT1_3	3.9284	1858.47	01Jan2006, 13:45	630.19
J_BBT2_1	0.508	739.3	01Jan2006, 12:35	91.33
J_BBT2_1_BB_3	5.3834	3842.83	01Jan2006, 12:49	828.3
J_BBT2_2	0.2702	487.08	01Jan2006, 12:18	48.25
J_BBT2_3	0.1698	334	01Jan2006, 12:12	31.03
J_BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
J_BBT3A_1	0.2329	346.79	01Jan2006, 12:21	36.2
J_BBT3A_1_BBT3_3	0.6816	1101.99	01Jan2006, 12:24	113.71
J_BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
J_BBT3_1	1.1985	1338.09	01Jan2006, 12:51	205.7
J_BBT3_1_BBT1_2	5.3988	2589.32	01Jan2006, 13:09	884.28
J_BBT3_2	0.9359	1134.61	01Jan2006, 12:47	160.02
J_BBT3_3	0.4486	770.04	01Jan2006, 12:26	77.51
J_BBT3_4	0.2998	600.71	01Jan2006, 12:16	56.22
J_BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
J_BBT4A_1	0.239	455.25	01Jan2006, 12:11	37.26
J_BBT4A_1_BBT4_2	0.7267	782.07	01Jan2006, 12:26	101.54
J_BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
J_BBT4_1	0.9302	938.45	01Jan2006, 12:28	130.74
J_BBT4_2	0.4876	579.25	01Jan2006, 12:29	64.28
J_BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
J_BBT5_1	0.8798	686.37	01Jan2006, 12:49	133.42
J_BBT5_1_BB_7	2.1128	1677.31	01Jan2006, 12:47	313.66
J_BBT5_2	0.7384	649.96	01Jan2006, 12:42	115.41
J_BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
J_BB_1	12.0576	6884.12	01Jan2006, 13:25	1916.29
J_BB_1_WC_5	43.4548	8905	01Jan2006, 13:40	6119.11
J_BB_2	5.7911	4074.27	01Jan2006, 13:09	893.51
J_BB_3	4.8754	3465.45	01Jan2006, 13:05	736.97
J_BB_4	3.6026	2423.91	01Jan2006, 13:01	521.09
J_BB_5	2.4141	1775.72	01Jan2006, 13:02	355.06
J_BB_5_BBT4_1	3.3443	2343.67	01Jan2006, 12:45	485.81
J_BB_6	2.1187	1678.74	01Jan2006, 12:50	314.25
J_BB_7	1.233	992.89	01Jan2006, 12:45	180.24
J_BushBT1_1	0.3765	864.43	01Jan2006, 12:21	93.52

J_BushBT1_1_BushB_2	1.7003	2361.57	01Jan2006, 12:28	403.96
J_BushBT1_2	0.2777	730.66	01Jan2006, 12:07	74.2
J_BushBT1_3	0.1465	403.74	01Jan2006, 12:12	41.37
J_BushBT2_1	0.1979	469.72	01Jan2006, 12:08	40.05
J_BushBT2_2	0.1777	412.23	01Jan2006, 12:09	35.12
J_BushBT2_T4_T5	0.8692	2650.76	01Jan2006, 12:12	214.85
J_BushBT3_1	0.2231	824.75	01Jan2006, 12:06	57.59
J_BushBT3_1_BushBT4_2	0.4202	1497.62	01Jan2006, 12:05	106.85
J_BushBT3_2	0.1883	739.44	01Jan2006, 12:03	51.43
J_BushBT4_1	0.4765	1609.63	01Jan2006, 12:13	124.35
J_BushBT4_2	0.1972	696.58	01Jan2006, 12:03	49.27
J_BushBT4_3	0.1642	624.55	01Jan2006, 12:03	43.96
J_BushBT5_1	0.1949	621.65	01Jan2006, 12:11	50.45
J_BushBT5_2	0.1609	518.14	01Jan2006, 12:06	40.67
J_BushB_1	1.9187	2623.31	01Jan2006, 12:34	457.92
J_BushB_2	1.3238	1617.23	01Jan2006, 12:29	310.44
J_BushB_3	1.149	1508.8	01Jan2006, 12:54	275.05
J_BushB_4	0.972	1505.91	01Jan2006, 12:42	236.78
J_CBT1_1	0.1972	554.76	01Jan2006, 12:13	48.7
J_CBT1_1_CB_3	0.5256	1320.59	01Jan2006, 12:14	122.25
J_CBT1_2	0.1876	549.48	01Jan2006, 12:09	47.2
J_CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
J_CB_1	0.6393	1390.92	01Jan2006, 12:26	146.87
J_CB_2	0.5958	1362.9	01Jan2006, 12:21	136.9
J_CB_3	0.3284	766.67	01Jan2006, 12:14	73.56
J_CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
J_CryTwnBlvdRes_WC_42	1.9907	2770.21	01Jan2006, 12:22	493.63
J_GB_1	0.401	855.12	01Jan2006, 12:21	90.84
J_GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
J_PBT1_1	0.1747	167.98	01Jan2006, 12:19	19.09
J_PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
J_PB_1	1.1613	1155.5	01Jan2006, 12:43	192.75
J_PB_1_BB_4	4.7639	3428.86	01Jan2006, 12:59	713.84
J_PB_2	0.9862	1018.81	01Jan2006, 12:35	162.12
J_PB_3	0.6575	797.12	01Jan2006, 12:37	120.93
J_PB_3_PBT1_1	0.8323	905.34	01Jan2006, 12:34	140.03
J_PB_4	0.2727	336.99	01Jan2006, 12:22	44.89
J_RBT1_1	0.2582	964.35	01Jan2006, 12:11	71.61
J_RBT1_1_RB_7	2.3635	2691.89	01Jan2006, 12:33	551.71
J_RBT1_2	0.2113	886.35	01Jan2006, 12:02	60.02
J_RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
J_RB_1	3.146	2569.42	01Jan2006, 13:34	751.02
J_RB_10	1.4554	1988.66	01Jan2006, 12:38	345.34
J_RB_11	1.1918	1874.27	01Jan2006, 12:34	283.74
J_RB_12	0.9269	1666.62	01Jan2006, 12:27	217.91
J_RB_13	0.6298	1101.33	01Jan2006, 12:23	141.11
J_RB_14	0.5006	981.47	01Jan2006, 12:16	116.01
J_RB_15	0.3472	673.69	01Jan2006, 12:07	81.09
J_RB_16	0.2576	409.33	01Jan2006, 12:07	60.14
J_RB_17	0.1645	486.09	01Jan2006, 12:05	35.65

J_RB_1_WC_21	20.4679	6031.17	01Jan2006, 13:26	3763.59
J_RB_2	3.0953	2558.36	01Jan2006, 13:31	736.07
J_RB_3	2.9041	2754.55	01Jan2006, 12:52	695.53
J_RB_4	2.7305	2683.96	01Jan2006, 12:48	648.51
J_RB_5	2.5176	2553.4	01Jan2006, 12:50	587.63
J_RB_6	2.4713	2541.87	01Jan2006, 12:44	580.85
J_RB_7	2.1053	2420.65	01Jan2006, 12:33	480.77
J_RB_8	1.9409	2328.41	01Jan2006, 12:20	451.6
J_RB_9	1.7677	2117.56	01Jan2006, 12:46	401.9
J_SB_1	1.2176	1105.29	01Jan2006, 12:57	267.49
J_SB_1_WC_30	8.9555	2548.66	01Jan2006, 12:22	1716.13
J_SB_2	1.1695	1213.15	01Jan2006, 12:35	254.76
J_SB_3	1.0274	1141.95	01Jan2006, 12:33	224.74
J_SB_4	0.7737	903.84	01Jan2006, 12:41	170.44
J_SB_5	0.5468	702.3	01Jan2006, 12:36	120.55
J_SB_6	0.5201	926.85	01Jan2006, 12:18	119.53
J_SB_7	0.417	749.86	01Jan2006, 12:22	96.78
J_SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
J_WC37_WCT25_1	3.3506	2717.77	01Jan2006, 13:10	796.6
J_WCT10_1	0.3311	583.05	01Jan2006, 12:27	78.07
J_WCT10_2	0.2318	420.22	01Jan2006, 12:24	51.64
J_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
J_WCT11_1_WC_19	23.3779	7792.86	01Jan2006, 13:33	4308.73
J_WCT11_2	0.342	533.74	01Jan2006, 12:19	60.77
J_WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
J_WCT12A_1	0.2874	635.63	01Jan2006, 12:20	66.99
J_WCT12A_1_WCT12_4	0.8089	910.25	01Jan2006, 12:22	171.55
J_WCT12A_2	0.2173	541.97	01Jan2006, 12:12	47.99
J_WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
J_WCT12B_1	0.0844	254.57	01Jan2006, 12:06	18.21
J_WCT12_1	1.1374	662.57	01Jan2006, 13:23	253.36
J_WCT12_1_WC_22	17.1469	3741.4	01Jan2006, 12:54	2996.31
J_WCT12_2	0.9312	626.95	01Jan2006, 12:56	193.02
J_WCT12_3	0.8193	917.8	01Jan2006, 12:24	173.92
J_WCT12_4	0.5215	389.01	01Jan2006, 12:44	104.57
J_WCT12_5_1_WCT12B_1	0.2754	215.73	01Jan2006, 12:50	57.83
J_WCT12_5_2	0.4333	355.56	01Jan2006, 12:38	86.58
J_WCT12_6	0.191	337.01	01Jan2006, 12:18	40.45
J_WCT13_1	0.6855	680.27	01Jan2006, 13:05	132.96
J_WCT13_1_WC_23	15.9404	3338.06	01Jan2006, 12:28	2744.34
J_WCT13_2	0.5049	678.81	01Jan2006, 12:36	92.25
J_WCT13_3	0.4078	787.93	01Jan2006, 12:19	76.07
J_WCT13_4	0.2575	535.18	01Jan2006, 12:10	48.62
J_WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
J_WCT14_1	0.3417	724.47	01Jan2006, 12:16	71.67
J_WCT14_1_WC_24	14.6682	3262.68	01Jan2006, 15:41	2518.99
J_WCT14_2	0.2542	537.02	01Jan2006, 12:09	50.23
J_WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
J_WCT15_1	0.3746	692.59	01Jan2006, 12:11	93.55
J_WCT15_1_WC_25	14.269	3327.37	01Jan2006, 14:51	2456.91

J_WCT15_2	0.2481	374.78	01Jan2006, 12:28	55.18
J_WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
J_WCT16_1	0.305	535.25	01Jan2006, 12:19	47.66
J_WCT16_1_WC_26	13.5417	3643.74	01Jan2006, 13:56	2314.47
J_WCT16_2	0.2939	528.86	01Jan2006, 12:16	45.83
J_WCT16_3	0.2106	502.93	01Jan2006, 12:09	34.27
J_WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
J_WCT17_1	1.0661	994.59	01Jan2006, 12:43	191.27
J_WCT17_1_WC_27	13.2146	3769.15	01Jan2006, 13:46	2277.81
J_WCT17_2	0.7076	764.84	01Jan2006, 12:31	144.3
J_WCT17_3	0.6196	1010.65	01Jan2006, 12:15	123.91
J_WCT17_4	0.4336	653.5	01Jan2006, 12:13	88.73
J_WCT17_5	0.2541	351.64	01Jan2006, 12:33	51.64
J_WCT17_6	0.2078	562.91	01Jan2006, 12:16	42.51
J_WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
J_WCT18_1	0.5326	1067.18	01Jan2006, 12:27	137.1
J_WCT18_2	0.3909	1167.28	01Jan2006, 12:13	100.98
J_WCT18_3	0.2968	933.74	01Jan2006, 12:06	75.54
J_WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
J_WCT19_1	0.3147	610.01	01Jan2006, 12:09	70.19
J_WCT19_2	0.1616	309.1	01Jan2006, 12:15	40.77
J_WCT1_1	0.5662	924.68	01Jan2006, 12:27	110.13
J_WCT1_1_WC_2	45.4576	6643.72	01Jan2006, 21:05	5321.03
J_WCT1_2	0.2847	514.43	01Jan2006, 12:21	54.09
J_WCT1_3	0.2476	474.9	01Jan2006, 12:15	45.66
J_WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
J_WCT20_1	0.2318	764.07	01Jan2006, 12:15	63.93
J_WCT20_1_WC_32	7.3276	2194.95	01Jan2006, 15:25	1370.08
J_WCT20_2	0.2266	759.61	01Jan2006, 12:13	63.04
J_WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
J_WCT21_1	0.2359	315.96	01Jan2006, 12:07	52.72
J_WCT21_2	0.2181	288.12	01Jan2006, 12:04	50.69
J_WCT21_3	0.1657	138.78	01Jan2006, 12:30	38.69
J_WCT22_1	0.5905	580.85	01Jan2006, 13:09	167.22
J_WCT22_1_WC_34	5.2179	3500.81	01Jan2006, 13:44	1254.92
J_WCT22_2	0.5242	801.72	01Jan2006, 12:22	151.78
J_WCT22_3	0.347	469.54	01Jan2006, 12:29	107.8
J_WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
J_WCT23_1	0.2075	511.14	01Jan2006, 12:17	47.24
J_WCT23_2	0.2045	508.29	01Jan2006, 12:14	46.42
J_WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
J_WCT24_1	0.682	1152.82	01Jan2006, 12:38	146.04
J_WCT24_1_WC_36	4.3244	3056.95	01Jan2006, 12:43	1018.71
J_WCT24_2	0.6657	1145.59	01Jan2006, 12:35	142.1
J_WCT24_3	0.5429	1046.34	01Jan2006, 12:21	117.82
J_WCT24_4	0.2916	634.2	01Jan2006, 12:14	63.94
J_WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
J_WCT25_1	0.1626	417.87	01Jan2006, 12:10	35.27
J_WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
J_WCT26_1	0.3096	284.12	01Jan2006, 12:21	65.96

J_WCT26_1_WC_40	2.3827	2899.34	01Jan2006, 12:34	573.86
J_WCT26_2	0.2949	272.13	01Jan2006, 12:38	61.84
J_WCT26_3	0.1835	181.54	01Jan2006, 12:30	33.98
J_WCT2_1	0.3015	447.61	01Jan2006, 12:18	45.54
J_WCT2_1_WC_3	44.7396	6680.01	01Jan2006, 20:20	5583.96
J_WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
J_WCT3_1	0.2856	358.01	01Jan2006, 12:20	45.49
J_WCT3_1_WC_4	44.2785	7446.69	01Jan2006, 14:15	5876.31
J_WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
J_WCT4_1	0.2291	368	01Jan2006, 12:19	33.97
J_WCT4_1_WC_6	30.7989	5975.55	01Jan2006, 18:51	4313.5
J_WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
J_WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
J_WCT5_1_1	0.4649	771.48	01Jan2006, 12:30	107.67
J_WCT5_1_1_WC_7	30.4992	6049.72	01Jan2006, 18:14	4488.71
J_WCT5_1_2_WCT5A_1	0.2816	612.6	01Jan2006, 12:19	63.13
J_WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
J_WCT6_1	0.3532	773.82	01Jan2006, 12:14	70.96
J_WCT6_1_WC_8	29.7776	6045.37	01Jan2006, 17:49	4442.15
J_WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
J_WCT7_1	0.3685	654.61	01Jan2006, 12:23	76.85
J_WCT7_1_WC_12	28.26	6358.99	01Jan2006, 16:11	4766.1
J_WCT7_2	0.2674	537.29	01Jan2006, 12:15	56.76
J_WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
J_WCT8A_1	0.272	577.59	01Jan2006, 12:19	59.61
J_WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
J_WCT8_1	1.5766	1682.53	01Jan2006, 13:01	339.13
J_WCT8_1_WC_13	27.8836	6341.97	01Jan2006, 16:00	4737.79
J_WCT8_2	1.394	1587.55	01Jan2006, 12:50	281.11
J_WCT8_3	1.2056	1610.03	01Jan2006, 12:31	239
J_WCT8_4	0.769	929.46	01Jan2006, 12:30	142.83
J_WCT8_4_WCT8A_1	1.041	1412.8	01Jan2006, 12:25	202.44
J_WCT8_5	0.5591	693.7	01Jan2006, 12:32	99.91
J_WCT8_6	0.3137	488.06	01Jan2006, 12:25	52.86
J_WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
J_WCT9_1	0.6223	944.39	01Jan2006, 12:43	137.59
J_WCT9_1_WC_14	26.1735	6282.26	01Jan2006, 15:34	4512.93
J_WCT9_2	0.5992	937.65	01Jan2006, 12:39	133.26
J_WCT9_3	0.522	907.44	01Jan2006, 12:30	115.78
J_WCT9_4	0.3752	862.33	01Jan2006, 12:18	83.86
J_WCT9_5	0.326	784.94	01Jan2006, 12:13	73.24
J_WCT9_6	0.155	407.01	01Jan2006, 12:10	34.51
J_WC_10_WC_9	29.4145	6027.57	01Jan2006, 17:39	4455.23
J_WC_11	28.8228	6102.57	01Jan2006, 17:01	4629.78
J_WC_12	27.8916	6324.49	01Jan2006, 16:11	4689.25
J_WC_13	26.307	6168.43	01Jan2006, 16:03	4398.66
J_WC_14	25.5512	6211.34	01Jan2006, 15:35	4375.34
J_WC_15	25.1925	6171.58	01Jan2006, 15:32	4301.96
J_WC_15_WCT10_1	25.5237	6210.67	01Jan2006, 15:32	4380.02
J_WC_16	25.1644	6170.2	01Jan2006, 15:29	4304.51

J_WC_17	24.6258	6456.29	01Jan2006, 14:48	4254.07
J_WC_17_GB_1	25.0267	6508.81	01Jan2006, 14:47	4344.91
J_WC_18	23.4895	6940.39	01Jan2006, 14:06	4186.34
J_WC_19	22.9289	7668.52	01Jan2006, 13:34	4221.96
J_WC_2	44.8913	6617.85	01Jan2006, 21:05	5210.9
J_WC_20	20.5012	5923.34	01Jan2006, 13:43	3729.03
J_WC_21	17.322	3473.81	01Jan2006, 13:23	3012.57
J_WC_22	16.0095	3270.42	01Jan2006, 17:02	2742.95
J_WC_23	15.2548	3184.3	01Jan2006, 16:58	2611.38
J_WC_24	14.3265	3228.29	01Jan2006, 15:43	2447.32
J_WC_25	13.8944	3277.5	01Jan2006, 14:52	2363.36
J_WC_26	13.2367	3599.38	01Jan2006, 13:56	2266.81
J_WC_27	12.1485	3195.78	01Jan2006, 13:58	2086.54
J_WC_28_WCT18_1	12.1198	6503.8	01Jan2006, 12:29	2473.58
J_WC_29	9.1984	2423.64	01Jan2006, 15:41	1744.81
J_WC_29_BushB_1	11.1171	4964.51	01Jan2006, 12:34	2202.73
J_WC_3	44.4381	6667.12	01Jan2006, 20:20	5538.42
J_WC_30	7.738	2230.53	01Jan2006, 15:35	1448.64
J_WC_31	7.3369	2194.71	01Jan2006, 15:28	1369.96
J_WC_31_WCT19_1	7.6516	2228.92	01Jan2006, 15:27	1440.15
J_WC_32	7.0958	2166.9	01Jan2006, 15:25	1306.16
J_WC_33_WCT21_1	6.9932	5766.84	01Jan2006, 12:20	1625.89
J_WC_34	4.6274	2936.07	01Jan2006, 13:50	1087.69
J_WC_35	4.3433	3013.91	01Jan2006, 12:50	1023.59
J_WC_35_WCT23_1	4.5508	3131.4	01Jan2006, 12:47	1070.83
J_WC_36	3.6423	2720.72	01Jan2006, 13:39	872.67
J_WC_37	3.188	2674.68	01Jan2006, 13:11	761.32
J_WC_38	3.133	2761.44	01Jan2006, 12:55	749.97
J_WC_39	2.4774	2781.32	01Jan2006, 12:46	592.74
J_WC_4	43.9929	7407.27	01Jan2006, 14:15	5830.81
J_WC_40	2.073	2616.97	01Jan2006, 12:34	507.9
J_WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
J_WC_5	31.3972	5974.82	01Jan2006, 19:23	4202.83
J_WC_6	30.5698	5963.4	01Jan2006, 18:51	4279.53
J_WC_7	30.0343	6016.25	01Jan2006, 18:14	4381.04
J_WC_8	29.4244	6020.52	01Jan2006, 17:49	4371.19
J_WildBT1_1	0.5965	1107.92	01Jan2006, 12:17	145.74
J_WildBT1_1_WildB_5	1.3893	1954.67	01Jan2006, 12:23	297.02
J_WildBT1_2	0.5604	1048.47	01Jan2006, 12:14	137.05
J_WildBT1_3	0.3855	698.72	01Jan2006, 12:13	101.27
J_WildBT1_4	0.2021	260.76	01Jan2006, 12:28	54.79
J_WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
J_WildBT2_1	0.1817	233.52	01Jan2006, 12:19	28.57
J_WildBT2_1_WildB_6	0.7574	1131.15	01Jan2006, 12:31	145.74
J_WildBT2_2	0.1578	202.75	01Jan2006, 12:20	23.88
J_WildB_1	2.086	1827	01Jan2006, 13:21	481.25
J_WildB_1_WC_20	22.5872	7619.82	01Jan2006, 13:30	4210.28
J_WildB_2	1.9683	1797.72	01Jan2006, 13:19	447.78
J_WildB_3	1.7985	2018.02	01Jan2006, 13:02	396.52
J_WildB_4	1.5056	2137.79	01Jan2006, 12:32	327.96

J_WildB_5	0.7927	1146.59	01Jan2006, 12:37	151.28
J_WildB_6	0.5757	912.48	01Jan2006, 12:32	117.17
J_WildB_7	0.5209	871.43	01Jan2006, 12:24	107.51
J_WildB_8	0.1817	338.91	01Jan2006, 12:18	36.67
J_WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89
J_WtsnB_1	1.0213	1737.38	01Jan2006, 12:42	233.7
J_WtsnB_1_WC_18	24.5108	7144.3	01Jan2006, 14:04	4420.04
J_WtsnB_2	0.2643	494.61	01Jan2006, 12:04	58.81
J_WtsnB_2_CB_1	0.9036	1663.05	01Jan2006, 12:26	205.68
J_WtsnB_3	0.1687	304.14	01Jan2006, 12:18	35.46
J_WtsnB_4	0.1534	295.19	01Jan2006, 12:17	32.33
Lake Raleigh	12.1198	3233.8	01Jan2006, 13:44	2144.05
Lake_Johnson	6.9932	2157.46	01Jan2006, 15:21	1317.37
PBT1_1	0.0066	11.01	01Jan2006, 12:06	0.81
PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
PB_1	0.1751	264.39	01Jan2006, 12:20	31.15
PB_2	0.154	196.22	01Jan2006, 12:18	22.44
PB_3	0.3848	571	01Jan2006, 12:25	76.39
PB_4_1	0.1089	165.11	01Jan2006, 12:17	17.97
PB_4_2	0.1638	201.46	01Jan2006, 12:25	26.93
Pineview Dr	0.7737	903.72	01Jan2006, 12:42	170.44
PoplarBranch_I40	0.1638	195.53	01Jan2006, 12:30	26.92
Priv_1001_UnderwoodPond_WCT8	0.3137	488.06	01Jan2006, 12:25	52.86
Private15_Ileagnes_WCT12	0.4333	355.56	01Jan2006, 12:38	86.58
Private23_GolfCourseC_WCT12	0.1614	320.41	01Jan2006, 12:19	34.71
Private36_GolfCourseA_WCT12B	0.0844	254.57	01Jan2006, 12:06	18.21
RBT1_1	0.0469	187.43	01Jan2006, 12:01	11.71
RBT1_2	0.0428	210.47	01Jan2006, 11:58	12.19
RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
RB_1	0.0507	193.96	01Jan2006, 12:05	15.53
RB_10	0.2635	852.45	01Jan2006, 12:05	62.34
RB_11	0.265	787.58	01Jan2006, 12:08	66.28
RB_12	0.2971	648.45	01Jan2006, 12:19	77.03
RB_13	0.1292	336.79	01Jan2006, 12:06	25.34
RB_14	0.1534	404.15	01Jan2006, 12:09	35.18
RB_15	0.0896	297.08	01Jan2006, 12:04	21
RB_16	0.0931	328.35	01Jan2006, 12:05	24.91
RB_17	0.1645	486.09	01Jan2006, 12:05	35.65
RB_2	0.1911	449.89	01Jan2006, 12:12	43.68
RB_3	0.1736	563.64	01Jan2006, 12:07	47.86
RB_4	0.2129	613.47	01Jan2006, 12:11	61.04
RB_5	0.0463	117.28	01Jan2006, 12:03	7.68
RB_6	0.1078	426.95	01Jan2006, 12:03	29.69
RB_7	0.1644	406.81	01Jan2006, 12:06	30.83
RB_8	0.1732	570.85	01Jan2006, 12:08	50.02
RB_9	0.3123	663.04	01Jan2006, 12:10	57.63
R_BBT1_1	5.3988	2589.32	01Jan2006, 13:34	876.81
R_BBT1_2	3.9284	1858.47	01Jan2006, 13:57	627.6
R_BBT2_1_1	0.2702	475.92	01Jan2006, 12:34	48.02
R_BBT2_1_2	0.2702	475.92	01Jan2006, 12:23	48.18

R_BBT2_2	0.1698	334	01Jan2006, 12:18	30.98
R_BBT2_3	0.16	325.45	01Jan2006, 12:13	29.24
R_BBT3A_1	0.2052	320.01	01Jan2006, 12:21	33.06
R_BBT3_1	0.9359	1134.61	01Jan2006, 12:56	159.57
R_BBT3_2	0.6816	1101.99	01Jan2006, 12:37	113.25
R_BBT3_3	0.2998	600.71	01Jan2006, 12:26	56.05
R_BBT3_4	0.1852	424.51	01Jan2006, 12:18	37.79
R_BBT4A_1	0.2035	396.38	01Jan2006, 12:11	32.18
R_BBT4_1	0.7267	782.07	01Jan2006, 12:40	101.05
R_BBT4_2	0.176	286.05	01Jan2006, 12:29	21.85
R_BBT5_1	0.7384	649.96	01Jan2006, 12:50	115.1
R_BBT5_2	0.6041	572.03	01Jan2006, 12:46	99.18
R_BB_1	11.6903	6747.8	01Jan2006, 13:40	1854.37
R_BB_2	5.3834	3842.83	01Jan2006, 13:10	822.39
R_BB_3	4.7639	3428.86	01Jan2006, 13:06	712.13
R_BB_4	3.3443	2343.67	01Jan2006, 13:01	483.1
R_BB_5	2.1187	1678.74	01Jan2006, 13:04	312.74
R_BB_6	2.1128	1677.31	01Jan2006, 12:50	313.34
R_BushBT1_1	0.2777	730.66	01Jan2006, 12:22	73.94
R_BushBT1_2	0.1465	403.74	01Jan2006, 12:16	41.33
R_BushBT3_1	0.1883	739.44	01Jan2006, 12:07	51.38
R_BushBT4_1	0.4202	1497.62	01Jan2006, 12:14	106.63
R_BushBT5_1	0.1609	518.14	01Jan2006, 12:12	40.61
R_BushB_1	1.7003	2361.57	01Jan2006, 12:36	403.13
R_BushB_2	1.149	1508.8	01Jan2006, 13:07	274.14
R_BushB_3_1	0.972	1440.89	01Jan2006, 12:56	236.45
R_BushB_3_2	0.972	1505.91	01Jan2006, 12:46	236.54
R_BushB_4_1	0.972	1505.91	01Jan2006, 12:42	236.78
R_BushB_4_2	0.8692	2650.76	01Jan2006, 12:18	214.53
R_CBT1_1	0.1876	549.48	01Jan2006, 12:13	47.15
R_CBT1_2	0.1693	528.56	01Jan2006, 12:10	43.23
R_CB_1	0.5958	1362.9	01Jan2006, 12:27	136.68
R_CB_2	0.5256	1320.59	01Jan2006, 12:21	122.03
R_CB_3	0.1677	415.89	01Jan2006, 12:15	38.12
R_GB_1	0.1663	407.11	01Jan2006, 12:25	34.53
R_PBT1_1	0.1682	163.2	01Jan2006, 12:19	18.28
R_PB_1	0.9862	1018.81	01Jan2006, 12:45	161.6
R_PB_2	0.8323	905.34	01Jan2006, 12:42	139.67
R_PB_3	0.2727	336.99	01Jan2006, 12:46	44.54
R_RBT1_1	0.2113	886.35	01Jan2006, 12:11	59.9
R_RBT1_2	0.1685	735.82	01Jan2006, 12:04	47.83
R_RB_1	3.0953	2558.36	01Jan2006, 13:34	735.49
R_RB_10	1.1918	1874.27	01Jan2006, 12:44	283.01
R_RB_11	0.9269	1666.62	01Jan2006, 12:35	217.46
R_RB_12	0.6298	1101.33	01Jan2006, 12:29	140.88
R_RB_13	0.5006	981.47	01Jan2006, 12:24	115.77
R_RB_14_1	0.3472	662.8	01Jan2006, 12:19	80.83
R_RB_14_2	0.3472	673.69	01Jan2006, 12:17	80.88
R_RB_15	0.2576	409.33	01Jan2006, 12:10	60.09
R_RB_16_1	0.1645	249.69	01Jan2006, 12:25	35.23

R_RB_16_2	0.1645	249.69	01Jan2006, 12:17	35.31
R_RB_2	2.9041	2515.07	01Jan2006, 13:32	692.39
R_RB_3	2.7305	2683.96	01Jan2006, 12:53	647.67
R_RB_4	2.5176	2553.4	01Jan2006, 12:51	587.47
R_RB_5	2.4713	2541.87	01Jan2006, 12:50	579.94
R_RB_6	2.3635	2502.12	01Jan2006, 12:45	551.16
R_RB_7	1.9409	2328.41	01Jan2006, 12:34	449.94
R_RB_8	1.7677	2117.56	01Jan2006, 12:49	401.58
R_RB_9	1.4554	1988.66	01Jan2006, 12:50	344.27
R_SB_1	1.1695	1091.68	01Jan2006, 12:58	254.44
R_SB_2	1.0274	1139.78	01Jan2006, 12:38	224.47
R_SB_3	0.7737	902.78	01Jan2006, 12:44	170.25
R_SB_4	0.5468	630.04	01Jan2006, 12:48	120.25
R_SB_7	0.1701	406.88	01Jan2006, 12:19	42.34
R_WCT10_1	0.2318	420.22	01Jan2006, 12:33	51.52
R_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
R_WCT11_2	0.16	239.18	01Jan2006, 12:26	25.08
R_WCT12A_1	0.2173	541.97	01Jan2006, 12:22	47.86
R_WCT12A_2	0.1534	370.56	01Jan2006, 12:12	32.06
R_WCT12B_1	0.0844	254.57	01Jan2006, 12:11	18.19
R_WCT12_1	0.9312	626.95	01Jan2006, 13:06	192.46
R_WCT12_2	0.8193	917.8	01Jan2006, 12:30	173.62
R_WCT12_3	0.8089	910.25	01Jan2006, 12:25	171.41
R_WCT12_4	0.4333	355.56	01Jan2006, 12:47	86.35
R_WCT12_5_1	0.191	337.01	01Jan2006, 12:25	40.37
R_WCT12_5_2	0.2754	215.73	01Jan2006, 12:54	57.76
R_WCT13_1	0.5049	678.81	01Jan2006, 12:53	91.72
R_WCT13_2	0.4078	787.93	01Jan2006, 12:27	75.89
R_WCT13_3	0.2575	535.18	01Jan2006, 12:20	48.47
R_WCT13_4	0.1561	311.47	01Jan2006, 12:14	28.5
R_WCT14_1	0.2542	537.02	01Jan2006, 12:19	50.09
R_WCT14_2_1	0.1748	321.06	01Jan2006, 12:15	30.3
R_WCT14_2_2	0.1748	321.06	01Jan2006, 12:11	30.34
R_WCT15_1	0.2481	374.78	01Jan2006, 12:37	55.05
R_WCT15_2	0.1794	398.93	01Jan2006, 12:18	38.32
R_WCT16_1	0.2939	528.86	01Jan2006, 12:19	45.78
R_WCT16_2	0.2106	502.93	01Jan2006, 12:14	34.22
R_WCT16_3	0.1646	430.12	01Jan2006, 12:09	27.79
R_WCT17_1	0.7076	764.84	01Jan2006, 12:54	143.32
R_WCT17_2	0.6196	1010.65	01Jan2006, 12:17	123.84
R_WCT17_3	0.4336	653.5	01Jan2006, 12:18	88.61
R_WCT17_4	0.2541	351.64	01Jan2006, 12:36	51.6
R_WCT17_5	0.2078	562.91	01Jan2006, 12:23	42.43
R_WCT17_7	0.1909	548.75	01Jan2006, 12:16	39.12
R_WCT18_1	0.3909	1167.28	01Jan2006, 12:20	100.81
R_WCT18_2	0.2968	933.74	01Jan2006, 12:15	75.37
R_WCT18_3	0.2071	663.9	01Jan2006, 12:08	54.96
R_WCT19_1	0.1616	309.1	01Jan2006, 12:25	40.67
R_WCT1_1	0.2847	514.43	01Jan2006, 12:31	53.93
R_WCT1_2	0.2476	474.9	01Jan2006, 12:22	45.57

R_WCT1_3	0.1611	312.13	01Jan2006, 12:16	29.65
R_WCT20_1	0.2266	759.61	01Jan2006, 12:15	63.01
R_WCT20_2	0.169	613.4	01Jan2006, 12:14	48.16
R_WCT21_1	0.2181	288.12	01Jan2006, 12:07	50.65
R_WCT21_2	0.1657	138.78	01Jan2006, 12:35	38.64
R_WCT22_1	0.5242	801.72	01Jan2006, 12:34	151.38
R_WCT22_2	0.347	469.54	01Jan2006, 12:38	107.6
R_WCT22_3	0.2027	724.9	01Jan2006, 12:10	61.61
R_WCT23_1	0.2045	508.29	01Jan2006, 12:17	46.38
R_WCT23_2	0.1653	438.21	01Jan2006, 12:16	36.26
R_WCT24_1	0.6657	1145.59	01Jan2006, 12:38	141.98
R_WCT24_2	0.5429	1046.34	01Jan2006, 12:36	117.34
R_WCT24_3	0.2916	598.73	01Jan2006, 12:26	63.72
R_WCT24_4	0.1858	499	01Jan2006, 12:18	42.43
R_WCT25_1	0.1569	402.8	01Jan2006, 12:10	33.85
R_WCT26_1	0.2949	272.13	01Jan2006, 12:42	61.77
R_WCT26_2	0.1835	181.54	01Jan2006, 12:38	33.9
R_WCT2_1	0.1566	238.39	01Jan2006, 12:19	22.6
R_WCT3_1	0.1582	190	01Jan2006, 12:29	23.37
R_WCT4_1	0.1483	271.33	01Jan2006, 12:20	23.21
R_WCT5A_1	0.1308	357.84	01Jan2006, 12:09	30.29
R_WCT5_1_1	0.2816	612.6	01Jan2006, 12:34	62.88
R_WCT5_1_2	0.1508	393.6	01Jan2006, 12:23	32.84
R_WCT6_1	0.152	357.6	01Jan2006, 12:15	30.49
R_WCT7_1	0.2674	537.29	01Jan2006, 12:25	56.6
R_WCT7_2	0.2009	403.15	01Jan2006, 12:16	43.11
R_WCT7_2_1	0.2009	403.15	01Jan2006, 12:17	43.1
R_WCT8A_1	0.1499	327.75	01Jan2006, 12:19	31.41
R_WCT8_1	1.394	1587.55	01Jan2006, 13:03	280.06
R_WCT8_2	1.2056	1610.03	01Jan2006, 12:42	238.24
R_WCT8_3	1.041	1412.8	01Jan2006, 12:33	201.97
R_WCT8_4	0.5591	693.7	01Jan2006, 12:49	99.39
R_WCT8_5	0.3137	488.06	01Jan2006, 12:36	52.68
R_WCT8_6	0.1524	303.45	01Jan2006, 12:21	28.58
R_WCT9_1	0.5992	937.65	01Jan2006, 12:43	133.12
R_WCT9_2	0.522	907.44	01Jan2006, 12:40	115.47
R_WCT9_3	0.3752	862.33	01Jan2006, 12:24	83.73
R_WCT9_4	0.326	784.94	01Jan2006, 12:19	73.13
R_WCT9_5	0.155	407.01	01Jan2006, 12:12	34.49
R_WC_1	45.4576	6495.33	01Jan2006, 22:20	4579.64
R_WC_11	28.26	6056.23	01Jan2006, 17:02	4497.96
R_WC_12	27.8836	6323.82	01Jan2006, 16:11	4687.58
R_WC_13	26.1735	6155.9	01Jan2006, 16:03	4369.18
R_WC_14	25.5237	6208.62	01Jan2006, 15:35	4369.58
R_WC_15	25.1644	6168.35	01Jan2006, 15:32	4293.13
R_WC_16	25.0267	6153.29	01Jan2006, 15:29	4261.24
R_WC_17	24.5108	6439.88	01Jan2006, 14:48	4218.49
R_WC_18	23.3779	6923.1	01Jan2006, 14:06	4163.41
R_WC_19	22.5872	7591.62	01Jan2006, 13:35	4138.39
R_WC_2	44.7396	6611.09	01Jan2006, 21:05	5182.82

R_WC_20	20.4679	5917.13	01Jan2006, 13:43	3719.46
R_WC_21	17.1469	3427.23	01Jan2006, 13:24	2970.93
R_WC_22	15.9404	3264.51	01Jan2006, 17:02	2723.88
R_WC_23	14.6682	3133.7	01Jan2006, 17:00	2467.78
R_WC_24	14.269	3221.99	01Jan2006, 15:43	2431.02
R_WC_25	13.5417	3231.76	01Jan2006, 14:53	2274.07
R_WC_26	13.2146	3595.52	01Jan2006, 13:56	2259.9
R_WC_27	12.1198	3190.7	01Jan2006, 13:58	2077.42
R_WC_29	8.9555	2398.26	01Jan2006, 15:42	1693.34
R_WC_3	44.2785	6659.34	01Jan2006, 20:20	5506.17
R_WC_30	7.6516	2221.9	01Jan2006, 15:36	1430.26
R_WC_31	7.3276	2193.78	01Jan2006, 15:28	1368.11
R_WC_32	6.9932	2156.31	01Jan2006, 15:25	1285.77
R_WC_34	4.5508	2922.44	01Jan2006, 13:50	1067.06
R_WC_35	4.3244	3007.35	01Jan2006, 12:50	1018.18
R_WC_36	3.3506	2651.39	01Jan2006, 13:40	795.42
R_WC_37	3.133	2662.46	01Jan2006, 13:11	749.88
R_WC_38	2.4774	2241.02	01Jan2006, 13:10	591.94
R_WC_39	2.3827	2747.35	01Jan2006, 12:46	571.53
R_WC_4	43.4548	7336.79	01Jan2006, 14:15	5739.97
R_WC_40	1.9907	2546.94	01Jan2006, 12:34	491.15
R_WC_41	0.8865	1057.92	01Jan2006, 13:25	202.48
R_WC_5	30.7989	5943.7	01Jan2006, 19:23	4112.05
R_WC_6	30.4992	5959.22	01Jan2006, 18:51	4265.89
R_WC_7	29.7776	5997.81	01Jan2006, 18:14	4319.13
R_WC_8	29.4145	6019.87	01Jan2006, 17:49	4369.36
R_WC_9	28.8228	5983.47	01Jan2006, 17:40	4333.45
R_WildBT1_1	0.5604	1048.47	01Jan2006, 12:18	136.91
R_WildBT1_2	0.3855	698.72	01Jan2006, 12:18	101.15
R_WildBT1_3	0.2021	260.76	01Jan2006, 12:36	54.69
R_WildBT1_4	0.1682	540.59	01Jan2006, 12:12	44.6
R_WildBT2_1	0.1578	202.75	01Jan2006, 12:26	23.83
R_WildB_1	1.9683	1797.72	01Jan2006, 13:21	447.54
R_WildB_2	1.7985	2018.02	01Jan2006, 13:07	395.98
R_WildB_3	1.5056	2137.79	01Jan2006, 12:44	326.89
R_WildB_4	1.3893	1954.67	01Jan2006, 12:33	296.21
R_WildB_5	0.7574	1131.15	01Jan2006, 12:37	145.48
R_WildB_6	0.5209	871.43	01Jan2006, 12:32	107.27
R_WildB_7	0.1817	338.91	01Jan2006, 12:24	36.61
R_WildB_8	0.1569	323.91	01Jan2006, 12:18	31.85
R_WtsnB_1	0.9036	1663.05	01Jan2006, 12:42	204.81
R_WtsnB_2	0.1687	215.87	01Jan2006, 12:38	35.41
R_WtsnB_3	0.1534	295.19	01Jan2006, 12:19	32.31
RockyTrib1 Generic Reservoir	0.2582	273.2	01Jan2006, 12:26	70.94
SB_1	0.0481	205.09	01Jan2006, 12:01	13.05
SB_2	0.142	407.5	01Jan2006, 12:06	30.29
SB_3	0.2538	503.01	01Jan2006, 12:16	54.49
SB_4	0.2269	363.89	01Jan2006, 12:26	50.19
SB_5	0.0267	96.43	01Jan2006, 12:02	6.4
SB_6	0.103	260.29	01Jan2006, 12:09	22.75

SB_7	0.247	373.51	01Jan2006, 12:29	54.43
SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
WCLAKRA_LakeRaleighA_WCT18	0.5326	1067.18	01Jan2006, 12:27	137.1
WCT10_1	0.0994	246.6	01Jan2006, 12:15	26.55
WCT10_2	0.2318	429.19	01Jan2006, 12:20	51.64
WCT10_MLK	0.2318	420.22	01Jan2006, 12:24	51.64
WCT11_1	0.107	278.34	01Jan2006, 12:11	26.42
WCT11_2	0.182	362.43	01Jan2006, 12:13	35.69
WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
WCT11_I40	0.449	734.16	01Jan2006, 12:22	87.17
WCT12A_1	0.0701	248.22	01Jan2006, 12:05	19.13
WCT12A_2	0.0638	173.32	01Jan2006, 12:10	15.93
WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
WCT12B_1	0.0844	268.13	01Jan2006, 12:04	18.29
WCT12_1	0.2062	688.82	01Jan2006, 12:08	61.44
WCT12_2	0.0529	115.41	01Jan2006, 12:12	11.02
WCT12_3	0.0104	37.46	01Jan2006, 12:03	2.51
WCT12_4	0.0882	237.04	01Jan2006, 12:06	18.22
WCT12_5_1	0.1579	279.99	01Jan2006, 12:16	30.43
WCT12_5_2	0.0296	102.58	01Jan2006, 11:59	5.73
WCT12_6	0.1614	326.47	01Jan2006, 12:16	35.12
WCT12_I40	1.1374	662.57	01Jan2006, 13:23	253.36
WCT12_RR_Xsing	0.2754	215.73	01Jan2006, 12:50	57.83
WCT12_SouthSaundersSt	0.9312	626.95	01Jan2006, 12:56	193.02
WCT13_1	0.1616	329.22	01Jan2006, 12:19	39.26
WCT13_2	0.0971	271.85	01Jan2006, 12:07	21.3
WCT13_3	0.1502	277.3	01Jan2006, 12:14	27.6
WCT13_4	0.1014	256.3	01Jan2006, 12:07	20.12
WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
WCT13_I40	0.6855	680.27	01Jan2006, 13:05	132.96
WCT13_RRXsing	0.6855	691.37	01Jan2006, 13:01	132.96
WCT14_1	0.0875	251.65	01Jan2006, 12:08	21.58
WCT14_2	0.0794	276.25	01Jan2006, 12:04	19.93
WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
WCT15_1	0.1265	463.61	01Jan2006, 12:06	38.5
WCT15_2	0.0686	220.65	01Jan2006, 12:06	16.87
WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
WCT15_I40	0.2481	374.78	01Jan2006, 12:28	55.18
WCT16_1	0.0111	32.05	01Jan2006, 12:01	1.88
WCT16_2	0.0834	207.67	01Jan2006, 12:00	11.83
WCT16_3	0.0459	73.23	01Jan2006, 12:10	6.49
WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
WCT17_1	0.3585	339.22	01Jan2006, 12:28	47.96
WCT17_2	0.088	262.4	01Jan2006, 12:05	18.92
WCT17_3	0.186	380.86	01Jan2006, 12:11	35.3
WCT17_4	0.1796	410.28	01Jan2006, 12:11	37.13
WCT17_5	0.0463	130.67	01Jan2006, 12:04	9.22
WCT17_6	0.0169	55.98	01Jan2006, 12:01	3.39
WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
WCT17_I40	0.7076	764.84	01Jan2006, 12:31	144.3

WCT17_LineberryDr	0.2541	351.64	01Jan2006, 12:33	51.64
WCT18_1	0.1417	604.65	01Jan2006, 12:00	36.64
WCT18_2	0.0941	315.59	01Jan2006, 12:06	25.61
WCT18_3	0.0897	307.16	01Jan2006, 12:03	20.58
WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
WCT19_1	0.153	381.59	01Jan2006, 12:07	29.52
WCT19_2	0.1616	557.43	01Jan2006, 12:04	40.78
WCT19_Thistledown	0.1616	309.1	01Jan2006, 12:15	40.77
WCT1_1	0.2815	498.92	01Jan2006, 12:18	56.2
WCT1_2	0.0371	117.45	01Jan2006, 12:05	8.52
WCT1_3	0.0866	168.53	01Jan2006, 12:12	16.01
WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
WCT20_1	0.0052	14.94	01Jan2006, 12:02	0.92
WCT20_2	0.0576	183.91	01Jan2006, 12:07	14.89
WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
WCT21_1	0.0178	30.19	01Jan2006, 12:04	2.07
WCT21_2	0.0524	177.3	01Jan2006, 12:03	12.05
WCT21_3	0.1657	498.35	01Jan2006, 12:06	38.7
WCT21_I40	0.1657	138.78	01Jan2006, 12:30	38.69
WCT22_1	0.0664	181.18	01Jan2006, 12:09	15.91
WCT22_2	0.1772	385.75	01Jan2006, 12:17	44.18
WCT22_3	0.1443	443.38	01Jan2006, 12:11	46.35
WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
WCT22_I40_US	0.347	469.54	01Jan2006, 12:29	107.8
WCT22_I440_DS	0.5905	580.85	01Jan2006, 13:09	167.22
WCT23_1	0.003	13.3	01Jan2006, 12:00	0.85
WCT23_2	0.0392	139.73	01Jan2006, 12:04	10.16
WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
WCT24_1	0.0164	58.56	01Jan2006, 12:03	4.05
WCT24_2	0.1228	266.41	01Jan2006, 12:11	24.76
WCT24_3	0.2513	505.94	01Jan2006, 12:16	54.1
WCT24_4	0.1057	313.58	01Jan2006, 12:04	21.52
WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
WCT25_1	0.0057	20.33	01Jan2006, 12:03	1.43
WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
WCT26_1	0.0147	50.07	01Jan2006, 12:07	4.19
WCT26_2	0.1115	322.95	01Jan2006, 12:10	29.7
WCT26_3	0.1835	361.15	01Jan2006, 12:12	34.01
WCT26_I40	0.2949	272.13	01Jan2006, 12:38	61.84
WCT26_WesternBlvd	0.1835	181.54	01Jan2006, 12:30	33.98
WCT2_1	0.145	211.31	01Jan2006, 12:16	22.94
WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
WCT3_1	0.1274	225.47	01Jan2006, 12:13	22.12
WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
WCT4_1	0.0808	106.01	01Jan2006, 12:14	10.76
WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
WCT5_1	0.1833	530.69	01Jan2006, 12:08	44.79
WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
WCT6_1	0.2012	421.55	01Jan2006, 12:12	40.47

WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
WCT7_1	0.101	245.64	01Jan2006, 12:08	20.24
WCT7_2	0.0666	157.57	01Jan2006, 12:09	13.66
WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
WCT8A_1	0.1221	251.68	01Jan2006, 12:17	28.2
WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
WCT8_1	0.1826	506.82	01Jan2006, 12:14	59.07
WCT8_2	0.1885	493.09	01Jan2006, 12:09	43.12
WCT8_3	0.1646	364.31	01Jan2006, 12:14	37.03
WCT8_4	0.2099	345.66	01Jan2006, 12:22	43.45
WCT8_5	0.2454	507.09	01Jan2006, 12:12	47.23
WCT8_6	0.1614	206.02	01Jan2006, 12:20	24.58
WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
WCT8_I40	1.394	1587.55	01Jan2006, 12:50	281.11
WCT9_1	0.0231	73.31	01Jan2006, 12:01	4.47
WCT9_2	0.0772	263.97	01Jan2006, 12:03	17.79
WCT9_3	0.1468	388.02	01Jan2006, 12:08	32.1
WCT9_4	0.0492	136.36	01Jan2006, 12:07	10.74
WCT9_5	0.171	379.09	01Jan2006, 12:14	38.75
WCT9_6	0.155	425.04	01Jan2006, 12:07	34.52
WCT9_MLK	0.522	907.44	01Jan2006, 12:30	115.78
WCT9_PooleRd	0.155	407.01	01Jan2006, 12:10	34.51
WC_1	0.6191	963.13	01Jan2006, 12:24	125.37
WC_10	0.3731	579.66	01Jan2006, 12:24	75.34
WC_11	0.5628	1333.55	01Jan2006, 12:13	131.81
WC_12	0.008	26.22	01Jan2006, 12:02	1.68
WC_13	0.1335	342.83	01Jan2006, 12:09	29.49
WC_14	0.0276	84.33	01Jan2006, 12:04	5.76
WC_15	0.0282	118.2	01Jan2006, 12:03	8.83
WC_16	0.1376	415.75	01Jan2006, 12:11	43.27
WC_17	0.115	350.09	01Jan2006, 12:11	35.58
WC_18	0.1116	238.71	01Jan2006, 12:12	22.94
WC_19	0.3417	852.2	01Jan2006, 12:12	83.57
WC_2	0.1517	259.82	01Jan2006, 12:16	28.07
WC_20	0.0332	149.11	01Jan2006, 12:00	9.56
WC_21	0.076	154.39	01Jan2006, 12:16	16.66
WC_22	0.0499	202.49	01Jan2006, 12:03	14.31
WC_23	0.5254	1064.17	01Jan2006, 12:20	130.62
WC_24	0.0575	198.94	01Jan2006, 12:06	16.3
WC_25	0.3527	1092.77	01Jan2006, 12:07	89.29
WC_26	0.0221	97.78	01Jan2006, 12:02	6.91
WC_27	0.0287	116.59	01Jan2006, 12:04	9.12
WC_28	0.4701	1446.71	01Jan2006, 12:09	133.75
WC_29	0.2428	474.66	01Jan2006, 12:16	51.47
WC_3	0.1596	323.74	01Jan2006, 12:13	32.25
WC_30	0.0864	259.78	01Jan2006, 12:04	18.38
WC_31	0.0093	26.83	01Jan2006, 12:04	1.85
WC_32	0.1026	250.12	01Jan2006, 12:08	20.39
WC_33	1.5394	2807.24	01Jan2006, 12:18	318.25
WC_34	0.0766	298.13	01Jan2006, 12:03	20.63

WC_35	0.019	74.11	01Jan2006, 12:03	5.41
WC_36	0.2917	717.38	01Jan2006, 12:15	77.25
WC_37	0.055	171.75	01Jan2006, 12:03	11.44
WC_38	0.6557	1090.4	01Jan2006, 12:29	158.02
WC_39	0.0947	292.66	01Jan2006, 12:05	21.22
WC_4	0.5381	910.87	01Jan2006, 12:14	90.84
WC_40	0.0823	183.02	01Jan2006, 12:11	16.75
WC_41	0.5422	1350.75	01Jan2006, 12:17	161.81
WC_42	0.5619	904.89	01Jan2006, 12:28	129.34
WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
WC_5	0.5983	619.42	01Jan2006, 12:30	90.78
WC_6	0.0706	162.95	01Jan2006, 12:09	13.64
WC_7	0.2568	635.78	01Jan2006, 12:12	61.91
WC_8	0.0099	25.99	01Jan2006, 12:05	1.83
WC_9	0.2186	361.4	01Jan2006, 12:23	46.44
Watson Generic Reservoir	0.1687	215.87	01Jan2006, 12:33	35.46
White Oak Lake	0.5201	690.62	01Jan2006, 12:36	114.15
WildBT1_1	0.0362	117.34	01Jan2006, 12:05	8.82
WildBT1_2	0.1749	424.3	01Jan2006, 12:09	35.89
WildBT1_3	0.1834	475.32	01Jan2006, 12:12	46.58
WildBT1_4	0.0339	150.13	01Jan2006, 12:01	10.23
WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
WildBT2_1	0.0239	54.97	01Jan2006, 12:09	4.74
WildBT2_2	0.1578	259.26	01Jan2006, 12:11	23.89
WildBTrb1_Tryon_And_Chapanoke	0.2021	260.76	01Jan2006, 12:28	54.79
WildB_1	0.1177	399.42	01Jan2006, 12:07	33.71
WildB_2	0.1698	492.56	01Jan2006, 12:12	51.8
WildB_3	0.2929	565.31	01Jan2006, 12:21	70.09
WildB_4	0.1163	283.27	01Jan2006, 12:16	31.75
WildB_5	0.0353	75.74	01Jan2006, 12:07	5.8
WildB_6	0.0548	114.9	01Jan2006, 12:09	9.9
WildB_7	0.3393	533.05	01Jan2006, 12:25	70.91
WildB_8	0.0248	84.88	01Jan2006, 12:00	4.82
WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89
WildBrnchT2_RRXsing	0.1578	202.75	01Jan2006, 12:20	23.88
WildcatBranch_I40Xsing	1.9683	1797.72	01Jan2006, 13:19	447.78
WildcatBranch_RRXsing	1.7985	2018.02	01Jan2006, 13:02	396.52
WtsnB_1	0.1177	323.98	01Jan2006, 12:09	28.88
WtsnB_2	0.0956	352.71	01Jan2006, 12:02	23.4
WtsnB_3	0.0154	56.73	01Jan2006, 11:59	3.15
WtsnB_4	0.1534	295.19	01Jan2006, 12:17	32.33

GLOBAL SUMMARY
Existing Conditions 100-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0767	8848.46	01Jan2006, 21:50	6497.6
72_CarolinaPines_WCT13	0.5049	1081.26	01Jan2006, 12:32	127.19
AreaA	0.0612	177.16	01Jan2006, 12:13	17.48
AreaB1	0.019	43.97	01Jan2006, 12:04	3.03
AreaB2	0.059	146.73	01Jan2006, 12:09	12.18
AreaC1	0.0193	76.62	01Jan2006, 12:07	6.25
AreaC2	0.099	339.25	01Jan2006, 12:11	32.63
Avent Ferry Dr	1.1695	1314.6	01Jan2006, 13:03	341.13
BBT1_1	0.5004	733.6	01Jan2006, 12:41	128.64
BBT1_2	0.272	700.89	01Jan2006, 12:14	70.1
BBT1_3	3.9284	4041.28	01Jan2006, 13:02	898.01
BBT2_1	0.2378	366.73	01Jan2006, 12:36	59.8
BBT2_2	0.1003	214.93	01Jan2006, 12:18	24.1
BBT2_3	0.0099	42.94	01Jan2006, 12:00	2.48
BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
BBT3A_1	0.0277	42.88	01Jan2006, 12:17	4.72
BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
BBT3_1	0.2625	452.14	01Jan2006, 12:28	64.1
BBT3_2	0.2544	463.74	01Jan2006, 12:27	64.6
BBT3_3	0.1488	260.09	01Jan2006, 12:20	30.85
BBT3_4	0.1146	292.75	01Jan2006, 12:10	26.01
BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
BBT4A_1	0.0355	87.81	01Jan2006, 12:09	7.31
BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
BBT4_1	0.2036	390.55	01Jan2006, 12:17	42.61
BBT4_2	0.3116	435.29	01Jan2006, 12:28	61.59
BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
BBT5_1	0.1414	336.8	01Jan2006, 12:08	26.84
BBT5_2	0.1343	191.74	01Jan2006, 12:22	24.05
BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
BB_1	0.3673	497.41	01Jan2006, 12:41	86.6
BB_2	0.4078	648.76	01Jan2006, 12:32	98.92
BB_3	0.1114	350.82	01Jan2006, 12:11	33.17
BB_4	0.2583	531.01	01Jan2006, 12:15	54.44
BB_5	0.2954	549.81	01Jan2006, 12:17	60.92
BB_6	0.006	19.38	01Jan2006, 12:04	1.3
BB_7	1.233	1450.6	01Jan2006, 12:43	258.55
BigBranchTrib1_I40Xsing	3.9284	2251.63	01Jan2006, 13:54	888.32
BigBranchTrib3_I40Xsing	0.9359	1471.9	01Jan2006, 12:48	223.06
BigBrnch_AuburnChurchRd_US	1.233	1449.16	01Jan2006, 12:44	258.29
BushBT1_1	0.0988	319.64	01Jan2006, 12:08	26.68
BushBT1_2	0.1312	595.78	01Jan2006, 12:04	43.01
BushB_1	0.2184	678.16	01Jan2006, 12:14	71.64
BushB_2	0.1747	510.94	01Jan2006, 12:12	49.05
BushB_3	0.177	574.49	01Jan2006, 12:10	51.72
BushB_4	0.1027	386.84	01Jan2006, 12:06	30.56
Bushy Branch Generic Reservoir	0.972	1906.07	01Jan2006, 12:30	310.68
CBT1_1	0.0096	40.29	01Jan2006, 11:58	2.18

CBT1_2	0.0184	93.43	01Jan2006, 11:59	5.32
CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
CB_1	0.0436	200.08	01Jan2006, 12:03	13.49
CB_2	0.0701	336.52	01Jan2006, 12:00	20.03
CB_3	0.1607	467.04	01Jan2006, 12:13	47.39
CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
Cary Towne Blvd	1.4288	2281.46	01Jan2006, 12:20	473.86
DortheaDixFarmPnd_WCT16	0.2939	751.96	01Jan2006, 12:16	65
GB_1	0.2347	743.68	01Jan2006, 12:13	74.22
GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
GatlingBranch_I40Xsing	0.401	1132.88	01Jan2006, 12:21	120.85
I-440 Beltline	0.5468	853.65	01Jan2006, 12:44	161.02
J_BBT1_1	5.8992	3758.78	01Jan2006, 13:32	1360.48
J_BBT1_1_BB_2	11.6903	9359.07	01Jan2006, 13:25	2625.99
J_BBT1_2	4.2004	2305.21	01Jan2006, 14:04	955.02
J_BBT1_3	3.9284	2251.63	01Jan2006, 13:54	888.32
J_BBT2_1	0.508	991.56	01Jan2006, 12:37	126.38
J_BBT2_1_BB_3	5.3834	5570.77	01Jan2006, 12:48	1174.38
J_BBT2_2	0.2702	642.11	01Jan2006, 12:19	66.89
J_BBT2_3	0.1698	428.03	01Jan2006, 12:14	42.86
J_BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
J_BBT3A_1	0.2329	497.2	01Jan2006, 12:20	51.35
J_BBT3A_1_BBT3_3	0.6816	1547.61	01Jan2006, 12:24	159.21
J_BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
J_BBT3_1	1.1985	1737.36	01Jan2006, 12:53	286.58
J_BBT3_1_BBT1_2	5.3988	3457.32	01Jan2006, 13:12	1241.6
J_BBT3_2	0.9359	1471.9	01Jan2006, 12:48	223.06
J_BBT3_3	0.4486	1071.22	01Jan2006, 12:25	107.86
J_BBT3_4	0.2998	823.85	01Jan2006, 12:16	77.22
J_BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
J_BBT4A_1	0.239	650.49	01Jan2006, 12:11	52.87
J_BBT4A_1_BBT4_2	0.7267	1155.15	01Jan2006, 12:25	146.7
J_BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
J_BBT4_1	0.9302	1381.42	01Jan2006, 12:28	188.65
J_BBT4_2	0.4876	865.9	01Jan2006, 12:28	93.82
J_BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
J_BBT5_1	0.8798	983.6	01Jan2006, 12:47	189.82
J_BBT5_1_BB_7	2.1128	2429.37	01Jan2006, 12:45	448.11
J_BBT5_2	0.7384	930.88	01Jan2006, 12:41	163.38
J_BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
J_BB_1	12.0576	9570.54	01Jan2006, 13:27	2700.03
J_BB_1_WC_5	43.4548	12381.41	01Jan2006, 13:40	8424.22
J_BB_2	5.7911	5893.99	01Jan2006, 13:08	1265.51
J_BB_3	4.8754	4993.1	01Jan2006, 13:05	1048
J_BB_4	3.6026	3562.52	01Jan2006, 13:02	747.41
J_BB_5	2.4141	2571.54	01Jan2006, 13:01	507.9
J_BB_5_BBT4_1	3.3443	3456.35	01Jan2006, 12:47	696.55
J_BB_6	2.1187	2431.38	01Jan2006, 12:48	448.99
J_BB_7	1.233	1449.16	01Jan2006, 12:44	258.29
J_BushBT1_1	0.3765	1118.8	01Jan2006, 12:20	122.28

J_BushBT1_1_BushB_2	1.7003	2965.55	01Jan2006, 12:24	531.93
J_BushBT1_2	0.2777	936.43	01Jan2006, 12:07	95.93
J_BushBT1_3	0.1465	510.8	01Jan2006, 12:12	52.97
J_BushBT2_1	0.1979	635.38	01Jan2006, 12:08	54.34
J_BushBT2_2	0.1777	560.41	01Jan2006, 12:09	47.87
J_BushBT2_T4_T5	0.8692	3435.51	01Jan2006, 12:12	281.08
J_BushBT3_1	0.2231	1057.78	01Jan2006, 12:06	74.83
J_BushBT3_1_BushBT4_2	0.4202	1926.89	01Jan2006, 12:05	139.17
J_BushBT3_2	0.1883	939.35	01Jan2006, 12:03	66.27
J_BushBT4_1	0.4765	2068.01	01Jan2006, 12:13	161.14
J_BushBT4_2	0.1972	899.48	01Jan2006, 12:03	64.34
J_BushBT4_3	0.1642	796.75	01Jan2006, 12:03	56.85
J_BushBT5_1	0.1949	799.57	01Jan2006, 12:11	65.6
J_BushBT5_2	0.1609	668.9	01Jan2006, 12:06	53.13
J_BushB_1	1.9187	3357.16	01Jan2006, 12:31	602.52
J_BushB_2	1.3238	1914.87	01Jan2006, 12:26	409.64
J_BushB_3	1.149	1749.52	01Jan2006, 13:02	361.74
J_BushB_4	0.972	1710.02	01Jan2006, 12:52	310.43
J_CBT1_1	0.1972	716.32	01Jan2006, 12:13	63.81
J_CBT1_1_CB_3	0.5256	1730.35	01Jan2006, 12:14	161.91
J_CBT1_2	0.1876	709.11	01Jan2006, 12:09	61.69
J_CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
J_CB_1	0.6393	1823.38	01Jan2006, 12:26	194.88
J_CB_2	0.5958	1786.14	01Jan2006, 12:20	181.66
J_CB_3	0.3284	1015.89	01Jan2006, 12:14	98.1
J_CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
J_CryTwnBlvdRes_WC_42	1.9907	3415.84	01Jan2006, 12:22	645.44
J_GB_1	0.401	1132.88	01Jan2006, 12:21	120.85
J_GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
J_PBT1_1	0.1747	263.87	01Jan2006, 12:18	28.81
J_PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
J_PB_1	1.1613	1633.65	01Jan2006, 12:40	269.69
J_PB_1_BB_4	4.7639	4945.29	01Jan2006, 12:58	1017.1
J_PB_2	0.9862	1432.12	01Jan2006, 12:36	227.16
J_PB_3	0.6575	1087.99	01Jan2006, 12:35	166.6
J_PB_3_PBT1_1	0.8323	1270.94	01Jan2006, 12:32	195.41
J_PB_4	0.2727	457.85	01Jan2006, 12:19	63.09
J_RBT1_1	0.2582	1218.44	01Jan2006, 12:11	91.99
J_RBT1_1_RB_7	2.3635	3512.63	01Jan2006, 12:33	728.38
J_RBT1_2	0.2113	1118.56	01Jan2006, 12:02	76.81
J_RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
J_RB_1	3.146	3206.38	01Jan2006, 13:37	986.73
J_RB_10	1.4554	2603.12	01Jan2006, 12:41	455.4
J_RB_11	1.1918	2460.48	01Jan2006, 12:32	373.93
J_RB_12	0.9269	2180.23	01Jan2006, 12:26	287.77
J_RB_13	0.6298	1446.35	01Jan2006, 12:23	187.95
J_RB_14	0.5006	1281.03	01Jan2006, 12:16	153.66
J_RB_15	0.3472	876.93	01Jan2006, 12:07	107.25
J_RB_16	0.2576	611.71	01Jan2006, 12:20	79.51
J_RB_17	0.1645	647.25	01Jan2006, 12:05	47.84

J_RB_1_WC_21	20.4679	7529.15	01Jan2006, 13:36	5081.55
J_RB_2	3.0953	3193.05	01Jan2006, 13:34	967.87
J_RB_3	2.9041	3617.26	01Jan2006, 12:54	913.78
J_RB_4	2.7305	3532.16	01Jan2006, 12:49	853.27
J_RB_5	2.5176	3367.63	01Jan2006, 12:48	775.53
J_RB_6	2.4713	3351.68	01Jan2006, 12:42	765.89
J_RB_7	2.1053	3208.65	01Jan2006, 12:33	637.21
J_RB_8	1.9409	3084.25	01Jan2006, 12:19	596.91
J_RB_9	1.7677	2779.52	01Jan2006, 12:45	533.52
J_SB_1	1.2176	1329.2	01Jan2006, 13:08	357.55
J_SB_1_WC_30	8.9555	3572.76	01Jan2006, 15:20	2319.86
J_SB_2	1.1695	1667.15	01Jan2006, 12:28	341.13
J_SB_3	1.0274	1554.8	01Jan2006, 12:33	300.75
J_SB_4	0.7737	1241.69	01Jan2006, 12:38	227.83
J_SB_5	0.5468	1066.03	01Jan2006, 12:29	161.13
J_SB_6	0.5201	1221.5	01Jan2006, 12:18	158.61
J_SB_7	0.417	984.79	01Jan2006, 12:22	128.19
J_SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
J_WC37_WCT25_1	3.3506	3363.25	01Jan2006, 13:06	1048.44
J_WCT10_1	0.3311	726.87	01Jan2006, 12:22	103.09
J_WCT10_2	0.2318	511.4	01Jan2006, 12:29	68.91
J_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
J_WCT11_1_WC_19	23.3779	9748.58	01Jan2006, 13:42	5820.31
J_WCT11_2	0.342	743.71	01Jan2006, 12:19	84.24
J_WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
J_WCT12A_1	0.2874	839.4	01Jan2006, 12:20	88.61
J_WCT12A_1_WCT12_4	0.8089	1235.38	01Jan2006, 12:21	230.57
J_WCT12A_2	0.2173	719.78	01Jan2006, 12:12	64.13
J_WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
J_WCT12B_1	0.0844	340.9	01Jan2006, 12:06	24.45
J_WCT12_1	1.1374	802.73	01Jan2006, 13:34	336.86
J_WCT12_1_WC_22	17.1469	4867.71	01Jan2006, 15:29	4090.08
J_WCT12_2	0.9312	778.93	01Jan2006, 12:58	260.29
J_WCT12_3	0.8193	1245.49	01Jan2006, 12:24	233.69
J_WCT12_4	0.5215	504.1	01Jan2006, 12:41	141.95
J_WCT12_5_1_WCT12B_1	0.2754	245.11	01Jan2006, 12:51	77.94
J_WCT12_5_2	0.4333	455.69	01Jan2006, 12:35	117.61
J_WCT12_6	0.191	456.78	01Jan2006, 12:17	54.44
J_WCT13_1	0.6855	921.16	01Jan2006, 13:10	181.14
J_WCT13_1_WC_23	15.9404	4632.98	01Jan2006, 16:20	3758.65
J_WCT13_2	0.5049	1081.26	01Jan2006, 12:32	127.19
J_WCT13_3	0.4078	1083.93	01Jan2006, 12:19	104.67
J_WCT13_4	0.2575	735.66	01Jan2006, 12:10	66.77
J_WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
J_WCT14_1	0.3417	942.55	01Jan2006, 12:15	96.43
J_WCT14_1_WC_24	14.6682	5029.4	01Jan2006, 14:58	3457.65
J_WCT14_2	0.2542	670.48	01Jan2006, 12:06	68.31
J_WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
J_WCT15_1	0.3746	860.55	01Jan2006, 12:08	122.14
J_WCT15_1_WC_25	14.269	5105.44	01Jan2006, 14:34	3378.41

J_WCT15_2	0.2481	405.72	01Jan2006, 12:32	73.66
J_WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
J_WCT16_1	0.305	760.62	01Jan2006, 12:19	67.58
J_WCT16_1_WC_26	13.5417	5323.53	01Jan2006, 14:10	3195.8
J_WCT16_2	0.2939	751.96	01Jan2006, 12:16	65
J_WCT16_3	0.2106	708.6	01Jan2006, 12:09	48.27
J_WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
J_WCT17_1	1.0661	1211.44	01Jan2006, 12:38	263.95
J_WCT17_1_WC_27	13.2146	5392.13	01Jan2006, 13:55	3144.47
J_WCT17_2	0.7076	840.04	01Jan2006, 12:45	195.34
J_WCT17_3	0.6196	1322.19	01Jan2006, 12:15	168.48
J_WCT17_4	0.4336	889.77	01Jan2006, 12:31	120.19
J_WCT17_5	0.2541	659.94	01Jan2006, 12:28	70.03
J_WCT17_6	0.2078	756.96	01Jan2006, 12:15	57.59
J_WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
J_WCT18_1	0.5326	1346.65	01Jan2006, 12:27	178.39
J_WCT18_2	0.3909	1503.2	01Jan2006, 12:13	131.32
J_WCT18_3	0.2968	1204.02	01Jan2006, 12:06	98.51
J_WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
J_WCT19_1	0.3147	771.4	01Jan2006, 12:08	93.56
J_WCT19_2	0.1616	338.9	01Jan2006, 12:16	53.28
J_WCT1_1	0.5662	1264.37	01Jan2006, 12:26	150.4
J_WCT1_1_WC_2	45.4576	8961.55	01Jan2006, 20:34	7350.83
J_WCT1_2	0.2847	708	01Jan2006, 12:21	74.16
J_WCT1_3	0.2476	655.78	01Jan2006, 12:15	62.96
J_WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
J_WCT20_1	0.2318	967.54	01Jan2006, 12:15	82.17
J_WCT20_1_WC_32	7.3276	3281.16	01Jan2006, 15:18	1855.84
J_WCT20_2	0.2266	961.48	01Jan2006, 12:13	80.93
J_WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
J_WCT21_1	0.2359	393.5	01Jan2006, 12:06	70.23
J_WCT21_2	0.2181	350.26	01Jan2006, 12:04	67.19
J_WCT21_3	0.1657	148.03	01Jan2006, 12:33	51.24
J_WCT22_1	0.5905	661.37	01Jan2006, 13:09	213.58
J_WCT22_1_WC_34	5.2179	4290.39	01Jan2006, 13:32	1647.64
J_WCT22_2	0.5242	942.36	01Jan2006, 12:21	193.21
J_WCT22_3	0.347	506.87	01Jan2006, 12:32	135.63
J_WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
J_WCT23_1	0.2075	676.53	01Jan2006, 12:17	62.79
J_WCT23_2	0.2045	672.96	01Jan2006, 12:14	61.75
J_WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
J_WCT24_1	0.682	1547.88	01Jan2006, 12:38	196.12
J_WCT24_1_WC_36	4.3244	3922.89	01Jan2006, 12:42	1343.12
J_WCT24_2	0.6657	1538.69	01Jan2006, 12:35	190.96
J_WCT24_3	0.5429	1404.97	01Jan2006, 12:21	157.94
J_WCT24_4	0.2916	841.16	01Jan2006, 12:14	85.58
J_WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
J_WCT25_1	0.1626	557.06	01Jan2006, 12:10	47.31
J_WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
J_WCT26_1	0.3096	309.39	01Jan2006, 12:14	88.43

J_WCT26_1_WC_40	2.3827	3553.27	01Jan2006, 12:33	753.46
J_WCT26_2	0.2949	295.36	01Jan2006, 12:43	83.16
J_WCT26_3	0.1835	202.53	01Jan2006, 12:34	46.82
J_WCT2_1	0.3015	647.06	01Jan2006, 12:18	64.96
J_WCT2_1_WC_3	44.7396	8978.93	01Jan2006, 15:28	7724.41
J_WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
J_WCT3_1	0.2856	511.66	01Jan2006, 12:20	64.27
J_WCT3_1_WC_4	44.2785	10592.91	01Jan2006, 14:12	8139.56
J_WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
J_WCT4_1	0.2291	531.56	01Jan2006, 12:19	48.59
J_WCT4_1_WC_6	30.7989	7842.63	01Jan2006, 18:49	5864.33
J_WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
J_WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
J_WCT5_1_1	0.4649	1017.4	01Jan2006, 12:30	142.71
J_WCT5_1_1_WC_7	30.4992	7930.81	01Jan2006, 18:09	6094.99
J_WCT5_1_2_WCT5A_1	0.2816	811.87	01Jan2006, 12:19	84.17
J_WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
J_WCT6_1	0.3532	1048.38	01Jan2006, 12:14	96.43
J_WCT6_1_WC_8	29.7776	7927.74	01Jan2006, 17:40	6042.59
J_WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
J_WCT7_1	0.3685	882.21	01Jan2006, 12:22	103.72
J_WCT7_1_WC_12	28.26	8402.33	01Jan2006, 15:52	6432.5
J_WCT7_2	0.2674	720.53	01Jan2006, 12:15	76.39
J_WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
J_WCT8A_1	0.272	769.61	01Jan2006, 12:18	79.77
J_WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
J_WCT8_1	1.5766	2214.98	01Jan2006, 13:02	453.37
J_WCT8_1_WC_13	27.8836	8378.23	01Jan2006, 15:43	6392.89
J_WCT8_2	1.394	2101.11	01Jan2006, 12:51	380.95
J_WCT8_3	1.2056	2183.72	01Jan2006, 12:31	324.91
J_WCT8_4	0.769	1287.26	01Jan2006, 12:31	196.4
J_WCT8_4_WCT8A_1	1.041	1925.32	01Jan2006, 12:25	276.17
J_WCT8_5	0.5591	976	01Jan2006, 12:31	138.36
J_WCT8_6	0.3137	690.76	01Jan2006, 12:24	73.94
J_WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
J_WCT9_1	0.6223	1106.57	01Jan2006, 12:46	183.82
J_WCT9_1_WC_14	26.1735	8408.17	01Jan2006, 15:18	6082.34
J_WCT9_2	0.5992	1098.12	01Jan2006, 12:43	177.88
J_WCT9_3	0.522	1063.35	01Jan2006, 12:34	154.65
J_WCT9_4	0.3752	1115.35	01Jan2006, 12:18	111.88
J_WCT9_5	0.326	1017.05	01Jan2006, 12:14	97.63
J_WCT9_6	0.155	515.77	01Jan2006, 12:12	46.09
J_WC_10_WC_9	29.4145	7903.51	01Jan2006, 17:30	6048.17
J_WC_11	28.8228	8009.44	01Jan2006, 16:49	6247.88
J_WC_12	27.8916	8354.54	01Jan2006, 15:53	6328.78
J_WC_13	26.307	8139.42	01Jan2006, 15:45	5939.52
J_WC_14	25.5512	8311.71	01Jan2006, 15:18	5898.52
J_WC_15	25.1925	8263.25	01Jan2006, 15:14	5802.66
J_WC_15_WCT10_1	25.5237	8316.44	01Jan2006, 15:14	5905.75
J_WC_16	25.1644	8268.03	01Jan2006, 15:10	5807.21

J_WC_17	24.6258	8678.16	01Jan2006, 14:38	5767.92
J_WC_17_GB_1	25.0267	8748.12	01Jan2006, 14:38	5888.76
J_WC_18	23.4895	9131.32	01Jan2006, 14:08	5669
J_WC_19	22.9289	9607.92	01Jan2006, 13:43	5701.97
J_WC_2	44.8913	8926.75	01Jan2006, 20:35	7200.43
J_WC_20	20.5012	7408.99	01Jan2006, 13:50	5034.96
J_WC_21	17.322	4825.54	01Jan2006, 16:28	4094.82
J_WC_22	16.0095	4580.11	01Jan2006, 17:12	3753.22
J_WC_23	15.2548	4514.3	01Jan2006, 16:29	3577.5
J_WC_24	14.3265	4977.01	01Jan2006, 14:58	3361.22
J_WC_25	13.8944	5037.42	01Jan2006, 14:35	3256.27
J_WC_26	13.2367	5270.32	01Jan2006, 14:10	3128.22
J_WC_27	12.1485	4661.94	01Jan2006, 14:07	2880.52
J_WC_28_WCT18_1	12.1198	8406.18	01Jan2006, 12:28	3312.84
J_WC_29	9.1984	3545.79	01Jan2006, 15:43	2360.89
J_WC_29_BushB_1	11.1171	6350.7	01Jan2006, 12:31	2963.41
J_WC_3	44.4381	8958.29	01Jan2006, 19:54	7659.45
J_WC_30	7.738	3325.13	01Jan2006, 15:30	1962.31
J_WC_31	7.3369	3280.83	01Jan2006, 15:21	1855.73
J_WC_31_WCT19_1	7.6516	3325.64	01Jan2006, 15:20	1949.29
J_WC_32	7.0958	3245.25	01Jan2006, 15:18	1773.68
J_WC_33_WCT21_1	6.9932	7015.17	01Jan2006, 12:19	2148.13
J_WC_34	4.6274	3670.62	01Jan2006, 13:42	1434.06
J_WC_35	4.3433	3918.42	01Jan2006, 12:45	1349.37
J_WC_35_WCT23_1	4.5508	4108.69	01Jan2006, 12:42	1412.16
J_WC_36	3.6423	3364.63	01Jan2006, 13:35	1147
J_WC_37	3.188	3303.37	01Jan2006, 13:07	1001.12
J_WC_38	3.133	3452.05	01Jan2006, 12:50	985.77
J_WC_39	2.4774	3385.88	01Jan2006, 12:46	778.83
J_WC_4	43.9929	10538.56	01Jan2006, 14:12	8075.28
J_WC_40	2.073	3246.65	01Jan2006, 12:33	665.03
J_WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
J_WC_5	31.3972	7850.93	01Jan2006, 19:21	5724.19
J_WC_6	30.5698	7826.33	01Jan2006, 18:49	5815.73
J_WC_7	30.0343	7887.91	01Jan2006, 18:09	5952.29
J_WC_8	29.4244	7895.3	01Jan2006, 17:40	5946.16
J_WildBT1_1	0.5965	1408.24	01Jan2006, 12:16	191.21
J_WildBT1_1_WildB_5	1.3893	2522.63	01Jan2006, 12:23	398.24
J_WildBT1_2	0.5604	1327.71	01Jan2006, 12:13	179.78
J_WildBT1_3	0.3855	849.76	01Jan2006, 12:13	131.32
J_WildBT1_4	0.2021	274.72	01Jan2006, 12:31	70.66
J_WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
J_WildBT2_1	0.1817	291.54	01Jan2006, 12:24	40.45
J_WildBT2_1_WildB_6	0.7574	1513.04	01Jan2006, 12:31	199.2
J_WildBT2_2	0.1578	255.03	01Jan2006, 12:23	34.06
J_WildB_1	2.086	2255.95	01Jan2006, 13:22	635.88
J_WildB_1_WC_20	22.5872	9550.29	01Jan2006, 13:38	5670.85
J_WildB_2	1.9683	2220	01Jan2006, 13:21	593.12
J_WildB_3	1.7985	2918.93	01Jan2006, 12:54	528.42
J_WildB_4	1.5056	2760.97	01Jan2006, 12:31	438.1

J_WildB_5	0.7927	1534.04	01Jan2006, 12:37	207.04
J_WildB_6	0.5757	1231.57	01Jan2006, 12:31	158.75
J_WildB_7	0.5209	1175.64	01Jan2006, 12:24	145.36
J_WildB_8	0.1817	458.1	01Jan2006, 12:18	49.78
J_WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25
J_WtsnB_1	1.0213	2226.47	01Jan2006, 12:42	310.19
J_WtsnB_1_WC_18	24.5108	9385.13	01Jan2006, 14:07	5979.2
J_WtsnB_2	0.2643	625.99	01Jan2006, 12:03	78.49
J_WtsnB_2_CB_1	0.9036	2131.38	01Jan2006, 12:26	273.37
J_WtsnB_3	0.1687	408.5	01Jan2006, 12:18	47.81
J_WtsnB_4	0.1534	396.6	01Jan2006, 12:16	43.57
Lake Raleigh	12.1198	4752.41	01Jan2006, 13:57	2939.63
Lake_Johnson	6.9932	3232.69	01Jan2006, 15:13	1778.76
PBT1_1	0.0066	16.61	01Jan2006, 12:05	1.2
PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
PB_1	0.1751	368.68	01Jan2006, 12:19	43.2
PB_2	0.154	286.32	01Jan2006, 12:18	32.21
PB_3	0.3848	777.64	01Jan2006, 12:25	103.97
PB_4_1	0.1089	234.1	01Jan2006, 12:16	25.25
PB_4_2	0.1638	286.07	01Jan2006, 12:25	37.85
Pineview Dr	0.7737	1241.56	01Jan2006, 12:38	227.83
PoplarBranch_I40	0.1638	252.76	01Jan2006, 12:35	37.84
Priv_1001_UnderwoodPond_WCT8	0.3137	690.76	01Jan2006, 12:24	73.94
Private15_Ileagnes_WCT12	0.4333	455.69	01Jan2006, 12:35	117.61
Private23_GolfCourseC_WCT12	0.1614	432.95	01Jan2006, 12:17	46.6
Private36_GolfCourseA_WCT12B	0.0844	340.9	01Jan2006, 12:06	24.45
RBT1_1	0.0469	242.02	01Jan2006, 12:01	15.33
RBT1_2	0.0428	265.14	01Jan2006, 11:58	15.59
RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
RB_1	0.0507	241.88	01Jan2006, 12:05	19.59
RB_10	0.2635	1114.12	01Jan2006, 12:05	82.39
RB_11	0.265	1019.08	01Jan2006, 12:08	86.73
RB_12	0.2971	834.38	01Jan2006, 12:18	100.11
RB_13	0.1292	457.85	01Jan2006, 12:06	34.59
RB_14	0.1534	532.64	01Jan2006, 12:09	46.74
RB_15	0.0896	389.01	01Jan2006, 12:04	27.8
RB_16	0.0931	419.02	01Jan2006, 12:05	32.21
RB_17	0.1645	647.25	01Jan2006, 12:05	47.84
RB_2	0.1911	593.88	01Jan2006, 12:12	58.06
RB_3	0.1736	715.88	01Jan2006, 12:07	61.57
RB_4	0.2129	773.88	01Jan2006, 12:11	77.94
RB_5	0.0463	164.9	01Jan2006, 12:03	10.79
RB_6	0.1078	541.48	01Jan2006, 12:03	38.2
RB_7	0.1644	558.69	01Jan2006, 12:06	42.4
RB_8	0.1732	718.73	01Jan2006, 12:08	63.8
RB_9	0.3123	914.59	01Jan2006, 12:09	79.48
R_BBT1_1	5.3988	3457.32	01Jan2006, 13:37	1231.84
R_BBT1_2	3.9284	2251.63	01Jan2006, 14:06	884.93
R_BBT2_1_1	0.2702	624.83	01Jan2006, 12:37	66.59
R_BBT2_1_2	0.2702	624.83	01Jan2006, 12:26	66.8

R_BBT2_2	0.1698	428.03	01Jan2006, 12:20	42.79
R_BBT2_3	0.16	418.25	01Jan2006, 12:14	40.38
R_BBT3A_1	0.2052	455.46	01Jan2006, 12:21	46.63
R_BBT3_1	0.9359	1471.9	01Jan2006, 12:57	222.47
R_BBT3_2	0.6816	1547.61	01Jan2006, 12:37	158.6
R_BBT3_3	0.2998	823.85	01Jan2006, 12:26	77.01
R_BBT3_4	0.1852	573.24	01Jan2006, 12:18	51.21
R_BBT4A_1	0.2035	565.01	01Jan2006, 12:11	45.57
R_BBT4_1	0.7267	1155.15	01Jan2006, 12:39	146.04
R_BBT4_2	0.176	430.61	01Jan2006, 12:28	32.24
R_BBT5_1	0.7384	930.88	01Jan2006, 12:49	162.98
R_BBT5_2	0.6041	811.89	01Jan2006, 12:45	139.33
R_BB_1	11.6903	9359.07	01Jan2006, 13:40	2613.43
R_BB_2	5.3834	5570.77	01Jan2006, 13:09	1166.59
R_BB_3	4.7639	4945.29	01Jan2006, 13:05	1014.83
R_BB_4	3.3443	3456.35	01Jan2006, 13:03	692.96
R_BB_5	2.1187	2431.38	01Jan2006, 13:02	446.98
R_BB_6	2.1128	2429.37	01Jan2006, 12:48	447.68
R_BushBT1_1	0.2777	936.43	01Jan2006, 12:22	95.61
R_BushBT1_2	0.1465	510.8	01Jan2006, 12:16	52.92
R_BushBT3_1	0.1883	939.35	01Jan2006, 12:07	66.22
R_BushBT4_1	0.4202	1926.89	01Jan2006, 12:14	138.88
R_BushBT5_1	0.1609	668.9	01Jan2006, 12:12	53.06
R_BushB_1	1.7003	2965.55	01Jan2006, 12:32	530.88
R_BushB_2	1.149	1749.52	01Jan2006, 13:15	360.6
R_BushB_3_1	0.972	1674.71	01Jan2006, 13:03	310.02
R_BushB_3_2	0.972	1710.02	01Jan2006, 12:56	310.13
R_BushB_4_1	0.972	1710.02	01Jan2006, 12:52	310.43
R_BushB_4_2	0.8692	3435.51	01Jan2006, 12:18	280.68
R_CBT1_1	0.1876	709.11	01Jan2006, 12:13	61.63
R_CBT1_2	0.1693	681	01Jan2006, 12:10	56.36
R_CB_1	0.5958	1786.14	01Jan2006, 12:26	181.39
R_CB_2	0.5256	1730.35	01Jan2006, 12:21	161.63
R_CB_3	0.1677	548.94	01Jan2006, 12:15	50.71
R_GB_1	0.1663	547.03	01Jan2006, 12:25	46.64
R_PBT1_1	0.1682	256.8	01Jan2006, 12:19	27.61
R_PB_1	0.9862	1432.12	01Jan2006, 12:46	226.48
R_PB_2	0.8323	1270.94	01Jan2006, 12:40	194.95
R_PB_3	0.2727	457.85	01Jan2006, 12:43	62.64
R_RBT1_1	0.2113	1118.56	01Jan2006, 12:11	76.66
R_RBT1_2	0.1685	927.97	01Jan2006, 12:04	61.21
R_RB_1	3.0953	3193.05	01Jan2006, 13:37	967.14
R_RB_10	1.1918	2460.48	01Jan2006, 12:42	373.01
R_RB_11	0.9269	2180.23	01Jan2006, 12:34	287.2
R_RB_12	0.6298	1446.35	01Jan2006, 12:29	187.66
R_RB_13	0.5006	1281.03	01Jan2006, 12:24	153.36
R_RB_14_1	0.3472	858.94	01Jan2006, 12:19	106.92
R_RB_14_2	0.3472	876.93	01Jan2006, 12:17	106.99
R_RB_15	0.2576	611.71	01Jan2006, 12:23	79.45
R_RB_16_1	0.1645	453.48	01Jan2006, 12:21	47.3

R_RB_16_2	0.1645	453.48	01Jan2006, 12:13	47.4
R_RB_2	2.9041	3139.83	01Jan2006, 13:35	909.81
R_RB_3	2.7305	3532.16	01Jan2006, 12:54	852.21
R_RB_4	2.5176	3367.63	01Jan2006, 12:49	775.33
R_RB_5	2.4713	3351.68	01Jan2006, 12:48	764.74
R_RB_6	2.3635	3298.94	01Jan2006, 12:42	727.68
R_RB_7	1.9409	3084.25	01Jan2006, 12:33	594.81
R_RB_8	1.7677	2779.52	01Jan2006, 12:48	533.11
R_RB_9	1.4554	2603.12	01Jan2006, 12:53	454.04
R_SB_1	1.1695	1314.14	01Jan2006, 13:09	340.71
R_SB_2	1.0274	1553.68	01Jan2006, 12:37	300.38
R_SB_3	0.7737	1237.79	01Jan2006, 12:44	227.56
R_SB_4	0.5468	853.24	01Jan2006, 12:47	160.78
R_SB_7	0.1701	527.72	01Jan2006, 12:19	55.44
R_WCT10_1	0.2318	511.4	01Jan2006, 12:38	68.76
R_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
R_WCT11_2	0.16	342.77	01Jan2006, 12:26	35.54
R_WCT12A_1	0.2173	719.78	01Jan2006, 12:22	63.97
R_WCT12A_2	0.1534	498.02	01Jan2006, 12:12	43.28
R_WCT12B_1	0.0844	340.9	01Jan2006, 12:11	24.42
R_WCT12_1	0.9312	778.93	01Jan2006, 13:08	259.58
R_WCT12_2	0.8193	1245.49	01Jan2006, 12:30	233.32
R_WCT12_3	0.8089	1235.38	01Jan2006, 12:24	230.38
R_WCT12_4	0.4333	455.69	01Jan2006, 12:44	117.31
R_WCT12_5_1	0.191	456.78	01Jan2006, 12:24	54.34
R_WCT12_5_2	0.2754	245.11	01Jan2006, 12:55	77.85
R_WCT13_1	0.5049	1081.26	01Jan2006, 12:49	126.52
R_WCT13_2	0.4078	1083.93	01Jan2006, 12:27	104.44
R_WCT13_3	0.2575	735.66	01Jan2006, 12:20	66.59
R_WCT13_4	0.1561	430.94	01Jan2006, 12:14	39.37
R_WCT14_1	0.2542	670.48	01Jan2006, 12:16	68.12
R_WCT14_2_1	0.1748	379.31	01Jan2006, 12:16	42.24
R_WCT14_2_2	0.1748	379.31	01Jan2006, 12:12	42.28
R_WCT15_1	0.2481	405.72	01Jan2006, 12:41	73.49
R_WCT15_2	0.1794	533.97	01Jan2006, 12:18	51.52
R_WCT16_1	0.2939	751.96	01Jan2006, 12:19	64.94
R_WCT16_2	0.2106	708.6	01Jan2006, 12:14	48.2
R_WCT16_3	0.1646	601.61	01Jan2006, 12:09	38.91
R_WCT17_1	0.7076	840.04	01Jan2006, 13:08	194.12
R_WCT17_2	0.6196	1322.19	01Jan2006, 12:17	168.39
R_WCT17_3	0.4336	889.77	01Jan2006, 12:36	120.03
R_WCT17_4	0.2541	659.94	01Jan2006, 12:31	69.97
R_WCT17_5	0.2078	756.96	01Jan2006, 12:22	57.48
R_WCT17_7	0.1909	737.87	01Jan2006, 12:16	52.97
R_WCT18_1	0.3909	1503.2	01Jan2006, 12:20	131.11
R_WCT18_2	0.2968	1204.02	01Jan2006, 12:15	98.31
R_WCT18_3	0.2071	849.02	01Jan2006, 12:08	71.17
R_WCT19_1	0.1616	338.9	01Jan2006, 12:26	53.16
R_WCT1_1	0.2847	708	01Jan2006, 12:31	73.96
R_WCT1_2	0.2476	655.78	01Jan2006, 12:22	62.84

R_WCT1_3	0.1611	431.28	01Jan2006, 12:16	40.9
R_WCT20_1	0.2266	961.48	01Jan2006, 12:15	80.89
R_WCT20_2	0.169	773.77	01Jan2006, 12:14	61.56
R_WCT21_1	0.2181	350.26	01Jan2006, 12:07	67.14
R_WCT21_2	0.1657	148.03	01Jan2006, 12:38	51.18
R_WCT22_1	0.5242	942.36	01Jan2006, 12:33	192.71
R_WCT22_2	0.347	506.87	01Jan2006, 12:41	135.38
R_WCT22_3	0.2027	905.12	01Jan2006, 12:10	77.85
R_WCT23_1	0.2045	672.96	01Jan2006, 12:17	61.7
R_WCT23_2	0.1653	582.35	01Jan2006, 12:16	48.53
R_WCT24_1	0.6657	1538.69	01Jan2006, 12:38	190.81
R_WCT24_2	0.5429	1404.97	01Jan2006, 12:36	157.33
R_WCT24_3	0.2916	794.92	01Jan2006, 12:25	85.3
R_WCT24_4	0.1858	657.48	01Jan2006, 12:17	56.39
R_WCT25_1	0.1569	537.72	01Jan2006, 12:10	45.44
R_WCT26_1	0.2949	295.36	01Jan2006, 12:47	83.07
R_WCT26_2	0.1835	202.53	01Jan2006, 12:42	46.72
R_WCT2_1	0.1566	347.69	01Jan2006, 12:19	32.49
R_WCT3_1	0.1582	276.35	01Jan2006, 12:29	33.45
R_WCT4_1	0.1483	388.05	01Jan2006, 12:20	32.9
R_WCT5A_1	0.1308	470.63	01Jan2006, 12:09	40.18
R_WCT5_1_1	0.2816	811.87	01Jan2006, 12:34	83.86
R_WCT5_1_2	0.1508	523.9	01Jan2006, 12:23	44
R_WCT6_1	0.152	484.48	01Jan2006, 12:15	41.45
R_WCT7_1	0.2674	720.53	01Jan2006, 12:25	76.2
R_WCT7_2	0.2009	539.56	01Jan2006, 12:16	57.92
R_WCT7_2_1	0.2009	539.56	01Jan2006, 12:17	57.9
R_WCT8A_1	0.1499	440.43	01Jan2006, 12:19	42.36
R_WCT8_1	1.394	2101.11	01Jan2006, 13:04	379.6
R_WCT8_2	1.2056	2183.72	01Jan2006, 12:42	323.93
R_WCT8_3	1.041	1925.32	01Jan2006, 12:33	275.56
R_WCT8_4	0.5591	976	01Jan2006, 12:48	137.68
R_WCT8_5	0.3137	690.76	01Jan2006, 12:35	73.7
R_WCT8_6	0.1524	417.29	01Jan2006, 12:21	39.28
R_WCT9_1	0.5992	1098.12	01Jan2006, 12:47	177.7
R_WCT9_2	0.522	1063.35	01Jan2006, 12:44	154.26
R_WCT9_3	0.3752	1115.35	01Jan2006, 12:24	111.71
R_WCT9_4	0.326	1017.05	01Jan2006, 12:20	97.49
R_WCT9_5	0.155	515.77	01Jan2006, 12:14	46.06
R_WC_1	45.4576	8812.29	01Jan2006, 21:51	6327.54
R_WC_11	28.26	7948.9	01Jan2006, 16:49	6073.44
R_WC_12	27.8836	8353.6	01Jan2006, 15:53	6326.52
R_WC_13	26.1735	8122.26	01Jan2006, 15:45	5900.09
R_WC_14	25.5237	8307.94	01Jan2006, 15:18	5890.74
R_WC_15	25.1644	8258.91	01Jan2006, 15:14	5791.57
R_WC_16	25.0267	8245.49	01Jan2006, 15:10	5752.88
R_WC_17	24.5108	8657.09	01Jan2006, 14:38	5723.11
R_WC_18	23.3779	9109.3	01Jan2006, 14:08	5637.96
R_WC_19	22.5872	9518.55	01Jan2006, 13:43	5592.19
R_WC_2	44.7396	8917.71	01Jan2006, 20:35	7161.75

R_WC_20	20.4679	7401.67	01Jan2006, 13:50	5022.75
R_WC_21	17.1469	4805.75	01Jan2006, 16:28	4039.89
R_WC_22	15.9404	4572.95	01Jan2006, 17:12	3728.69
R_WC_23	14.6682	4445.77	01Jan2006, 16:33	3389.01
R_WC_24	14.269	4967.56	01Jan2006, 14:58	3340.36
R_WC_25	13.5417	4976.54	01Jan2006, 14:35	3139.67
R_WC_26	13.2146	5266	01Jan2006, 14:10	3119.54
R_WC_27	12.1198	4656.09	01Jan2006, 14:07	2869.09
R_WC_29	8.9555	3513.45	01Jan2006, 15:43	2291.6
R_WC_3	44.2785	8947.64	01Jan2006, 19:54	7615.67
R_WC_30	7.6516	3313.81	01Jan2006, 15:30	1937.56
R_WC_31	7.3276	3279.6	01Jan2006, 15:21	1853.21
R_WC_32	6.9932	3231.14	01Jan2006, 15:18	1745.91
R_WC_34	4.5508	3652.43	01Jan2006, 13:42	1407.41
R_WC_35	4.3244	3909.28	01Jan2006, 12:45	1342.45
R_WC_36	3.3506	3272.91	01Jan2006, 13:37	1046.95
R_WC_37	3.133	3286.82	01Jan2006, 13:07	985.66
R_WC_38	2.4774	2695.63	01Jan2006, 13:13	777.82
R_WC_39	2.3827	3342.14	01Jan2006, 12:46	750.52
R_WC_4	43.4548	10443.2	01Jan2006, 14:13	7948.12
R_WC_40	1.9907	3151.37	01Jan2006, 12:34	642.32
R_WC_41	0.8865	1383.19	01Jan2006, 13:26	268.79
R_WC_5	30.7989	7809.44	01Jan2006, 19:22	5594.86
R_WC_6	30.4992	7820.91	01Jan2006, 18:49	5797.07
R_WC_7	29.7776	7864.38	01Jan2006, 18:09	5870.77
R_WC_8	29.4145	7894.44	01Jan2006, 17:40	5943.65
R_WC_9	28.8228	7845.76	01Jan2006, 17:30	5883.46
R_WildBT1_1	0.5604	1327.71	01Jan2006, 12:17	179.61
R_WildBT1_2	0.3855	849.76	01Jan2006, 12:18	131.17
R_WildBT1_3	0.2021	274.72	01Jan2006, 12:39	70.54
R_WildBT1_4	0.1682	691.29	01Jan2006, 12:12	57.75
R_WildBT2_1	0.1578	255.03	01Jan2006, 12:29	34
R_WildB_1	1.9683	2220	01Jan2006, 13:23	592.82
R_WildB_2	1.7985	2918.93	01Jan2006, 12:59	527.73
R_WildB_3	1.5056	2760.97	01Jan2006, 12:43	436.74
R_WildB_4	1.3893	2522.63	01Jan2006, 12:33	397.21
R_WildB_5	0.7574	1513.04	01Jan2006, 12:37	198.88
R_WildB_6	0.5209	1175.64	01Jan2006, 12:32	145.06
R_WildB_7	0.1817	458.1	01Jan2006, 12:24	49.7
R_WildB_8	0.1569	438.27	01Jan2006, 12:18	43.2
R_WtsnB_1	0.9036	2131.38	01Jan2006, 12:42	272.27
R_WtsnB_2	0.1687	237.81	01Jan2006, 12:42	47.75
R_WtsnB_3	0.1534	396.6	01Jan2006, 12:18	43.55
RockyTrib1 Generic Reservoir	0.2582	304.65	01Jan2006, 12:27	91.16
SB_1	0.0481	260.66	01Jan2006, 12:01	16.84
SB_2	0.142	544.74	01Jan2006, 12:05	40.76
SB_3	0.2538	673.13	01Jan2006, 12:16	73.19
SB_4	0.2269	484.22	01Jan2006, 12:26	67.05
SB_5	0.0267	125.73	01Jan2006, 12:02	8.45
SB_6	0.103	345.88	01Jan2006, 12:09	30.43

SB_7	0.247	497.41	01Jan2006, 12:29	72.75
SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
WCLAKRA_LakeRaleighA_WCT18	0.5326	1346.65	01Jan2006, 12:27	178.39
WCT10_1	0.0994	315.24	01Jan2006, 12:15	34.33
WCT10_2	0.2318	570	01Jan2006, 12:20	68.92
WCT10_MLK	0.2318	511.4	01Jan2006, 12:29	68.91
WCT11_1	0.107	361.48	01Jan2006, 12:11	34.64
WCT11_2	0.182	494.23	01Jan2006, 12:13	48.7
WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
WCT11_I40	0.449	1009.28	01Jan2006, 12:21	118.86
WCT12A_1	0.0701	315.67	01Jan2006, 12:05	24.65
WCT12A_2	0.0638	224.59	01Jan2006, 12:10	20.85
WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
WCT12B_1	0.0844	356.87	01Jan2006, 12:03	24.55
WCT12_1	0.2062	862.82	01Jan2006, 12:08	77.92
WCT12_2	0.0529	155.31	01Jan2006, 12:12	14.88
WCT12_3	0.0104	48.76	01Jan2006, 12:03	3.31
WCT12_4	0.0882	319.05	01Jan2006, 12:06	24.65
WCT12_5_1	0.1579	383.69	01Jan2006, 12:16	41.64
WCT12_5_2	0.0296	139.27	01Jan2006, 11:59	7.84
WCT12_6	0.1614	435.53	01Jan2006, 12:16	47.06
WCT12_I40	1.1374	802.73	01Jan2006, 13:34	336.86
WCT12_RR_Xsing	0.2754	245.11	01Jan2006, 12:51	77.94
WCT12_SouthSaundersSt	0.9312	778.93	01Jan2006, 12:58	260.29
WCT13_1	0.1616	429.4	01Jan2006, 12:19	51.61
WCT13_2	0.0971	361.03	01Jan2006, 12:07	28.52
WCT13_3	0.1502	383.63	01Jan2006, 12:13	38.08
WCT13_4	0.1014	347.81	01Jan2006, 12:07	27.41
WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
WCT13_I40	0.6855	921.16	01Jan2006, 13:10	181.14
WCT13_RRXsing	0.6855	974.88	01Jan2006, 13:00	181.15
WCT14_1	0.0875	326.76	01Jan2006, 12:08	28.3
WCT14_2	0.0794	356.89	01Jan2006, 12:04	26.07
WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
WCT15_1	0.1265	578.72	01Jan2006, 12:06	48.65
WCT15_2	0.0686	286.23	01Jan2006, 12:06	22.15
WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
WCT15_I40	0.2481	405.72	01Jan2006, 12:32	73.66
WCT16_1	0.0111	44.7	01Jan2006, 12:01	2.63
WCT16_2	0.0834	300.98	01Jan2006, 12:00	17.07
WCT16_3	0.0459	107.3	01Jan2006, 12:10	9.37
WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
WCT17_1	0.3585	505.97	01Jan2006, 12:27	69.82
WCT17_2	0.088	349.63	01Jan2006, 12:05	25.41
WCT17_3	0.186	522.97	01Jan2006, 12:11	48.45
WCT17_4	0.1796	552.83	01Jan2006, 12:10	50.22
WCT17_5	0.0463	177.12	01Jan2006, 12:04	12.55
WCT17_6	0.0169	75.51	01Jan2006, 12:01	4.61
WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
WCT17_I40	0.7076	840.04	01Jan2006, 12:45	195.34

WCT17_LineberryDr	0.2541	659.94	01Jan2006, 12:28	70.03
WCT18_1	0.1417	775.4	01Jan2006, 12:00	47.68
WCT18_2	0.0941	401.71	01Jan2006, 12:06	33.01
WCT18_3	0.0897	403.69	01Jan2006, 12:03	27.34
WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
WCT19_1	0.153	520.48	01Jan2006, 12:07	40.4
WCT19_2	0.1616	719.79	01Jan2006, 12:04	53.29
WCT19_Thistledown	0.1616	338.9	01Jan2006, 12:16	53.28
WCT1_1	0.2815	678.02	01Jan2006, 12:18	76.44
WCT1_2	0.0371	154.39	01Jan2006, 12:05	11.32
WCT1_3	0.0866	232.7	01Jan2006, 12:12	22.07
WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
WCT20_1	0.0052	20.72	01Jan2006, 12:01	1.27
WCT20_2	0.0576	236.31	01Jan2006, 12:07	19.37
WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
WCT21_1	0.0178	46.05	01Jan2006, 12:04	3.09
WCT21_2	0.0524	233.07	01Jan2006, 12:03	16.01
WCT21_3	0.1657	653.78	01Jan2006, 12:06	51.26
WCT21_I40	0.1657	148.03	01Jan2006, 12:33	51.24
WCT22_1	0.0664	236.64	01Jan2006, 12:09	20.98
WCT22_2	0.1772	500.41	01Jan2006, 12:17	57.83
WCT22_3	0.1443	549.71	01Jan2006, 12:11	57.96
WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
WCT22_I40_US	0.347	506.87	01Jan2006, 12:32	135.63
WCT22_I440_DS	0.5905	661.37	01Jan2006, 13:09	213.58
WCT23_1	0.003	16.78	01Jan2006, 12:00	1.09
WCT23_2	0.0392	179.39	01Jan2006, 12:04	13.22
WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
WCT24_1	0.0164	75.88	01Jan2006, 12:03	5.32
WCT24_2	0.1228	361.04	01Jan2006, 12:11	33.63
WCT24_3	0.2513	676.39	01Jan2006, 12:15	72.64
WCT24_4	0.1057	422.37	01Jan2006, 12:04	29.19
WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
WCT25_1	0.0057	26.27	01Jan2006, 12:03	1.87
WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
WCT26_1	0.0147	63.19	01Jan2006, 12:07	5.36
WCT26_2	0.1115	412.84	01Jan2006, 12:10	38.43
WCT26_3	0.1835	498.13	01Jan2006, 12:12	46.86
WCT26_I40	0.2949	295.36	01Jan2006, 12:43	83.16
WCT26_WesternBlvd	0.1835	202.53	01Jan2006, 12:34	46.82
WCT2_1	0.145	302.53	01Jan2006, 12:16	32.47
WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
WCT3_1	0.1274	315.73	01Jan2006, 12:13	30.82
WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
WCT4_1	0.0808	157.81	01Jan2006, 12:14	15.69
WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
WCT5_1	0.1833	690.12	01Jan2006, 12:08	58.85
WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
WCT6_1	0.2012	571.74	01Jan2006, 12:12	54.98

WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
WCT7_1	0.101	332.89	01Jan2006, 12:08	27.53
WCT7_2	0.0666	212.64	01Jan2006, 12:09	18.49
WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
WCT8A_1	0.1221	331.65	01Jan2006, 12:17	37.41
WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
WCT8_1	0.1826	627.92	01Jan2006, 12:14	73.77
WCT8_2	0.1885	650.31	01Jan2006, 12:09	57.31
WCT8_3	0.1646	482.39	01Jan2006, 12:14	49.35
WCT8_4	0.2099	466.47	01Jan2006, 12:22	58.72
WCT8_5	0.2454	694.23	01Jan2006, 12:11	64.66
WCT8_6	0.1614	297.51	01Jan2006, 12:20	35.01
WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
WCT8_I40	1.394	2101.11	01Jan2006, 12:51	380.95
WCT9_1	0.0231	99.69	01Jan2006, 12:01	6.12
WCT9_2	0.0772	346.7	01Jan2006, 12:03	23.62
WCT9_3	0.1468	516.19	01Jan2006, 12:08	43
WCT9_4	0.0492	181.33	01Jan2006, 12:07	14.39
WCT9_5	0.171	501.28	01Jan2006, 12:14	51.57
WCT9_6	0.155	563.53	01Jan2006, 12:07	46.1
WCT9_MLK	0.522	1063.35	01Jan2006, 12:34	154.65
WCT9_PooleRd	0.155	515.77	01Jan2006, 12:12	46.09
WC_1	0.6191	1305.63	01Jan2006, 12:24	170.06
WC_10	0.3731	786.2	01Jan2006, 12:24	102.25
WC_11	0.5628	1750.61	01Jan2006, 12:13	174.44
WC_12	0.008	35.09	01Jan2006, 12:02	2.26
WC_13	0.1335	455.25	01Jan2006, 12:09	39.43
WC_14	0.0276	112.91	01Jan2006, 12:04	7.78
WC_15	0.0282	146.94	01Jan2006, 12:03	11.09
WC_16	0.1376	516.81	01Jan2006, 12:11	54.33
WC_17	0.115	436.09	01Jan2006, 12:11	44.8
WC_18	0.1116	322.25	01Jan2006, 12:12	31.05
WC_19	0.3417	1109.19	01Jan2006, 12:12	109.77
WC_2	0.1517	359.1	01Jan2006, 12:16	38.68
WC_20	0.0332	187.7	01Jan2006, 12:00	12.21
WC_21	0.076	205.66	01Jan2006, 12:16	22.31
WC_22	0.0499	255.01	01Jan2006, 12:03	18.27
WC_23	0.5254	1381.38	01Jan2006, 12:20	171.02
WC_24	0.0575	251.31	01Jan2006, 12:06	20.86
WC_25	0.3527	1410.58	01Jan2006, 12:07	116.6
WC_26	0.0221	121.56	01Jan2006, 12:02	8.68
WC_27	0.0287	144.71	01Jan2006, 12:04	11.43
WC_28	0.4701	1827.21	01Jan2006, 12:09	171.04
WC_29	0.2428	637.02	01Jan2006, 12:16	69.29
WC_3	0.1596	438.82	01Jan2006, 12:13	43.78
WC_30	0.0864	347.18	01Jan2006, 12:04	24.74
WC_31	0.0093	36.32	01Jan2006, 12:04	2.52
WC_32	0.1026	339.35	01Jan2006, 12:08	27.76
WC_33	1.5394	3787.23	01Jan2006, 12:18	430.27
WC_34	0.0766	379.64	01Jan2006, 12:03	26.65

WC_35	0.019	93.46	01Jan2006, 12:03	6.92
WC_36	0.2917	918.73	01Jan2006, 12:15	100.05
WC_37	0.055	230.37	01Jan2006, 12:03	15.46
WC_38	0.6557	1424.82	01Jan2006, 12:28	207.95
WC_39	0.0947	386.7	01Jan2006, 12:05	28.3
WC_4	0.5381	1283.35	01Jan2006, 12:13	127.16
WC_40	0.0823	247.38	01Jan2006, 12:11	22.71
WC_41	0.5422	1692.37	01Jan2006, 12:17	205.07
WC_42	0.5619	1193.79	01Jan2006, 12:28	171.58
WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
WC_5	0.5983	895.76	01Jan2006, 12:29	129.33
WC_6	0.0706	222.5	01Jan2006, 12:08	18.67
WC_7	0.2568	829.82	01Jan2006, 12:12	81.52
WC_8	0.0099	35.8	01Jan2006, 12:04	2.52
WC_9	0.2186	484.97	01Jan2006, 12:23	62.47
Watson Generic Reservoir	0.1687	237.81	01Jan2006, 12:37	47.81
White Oak Lake	0.5201	1046.8	01Jan2006, 12:30	152.69
WildBT1_1	0.0362	152.53	01Jan2006, 12:05	11.6
WildBT1_2	0.1749	571.91	01Jan2006, 12:09	48.61
WildBT1_3	0.1834	613.77	01Jan2006, 12:12	60.78
WildBT1_4	0.0339	187.6	01Jan2006, 12:01	12.94
WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
WildBT2_1	0.0239	74.69	01Jan2006, 12:09	6.45
WildBT2_2	0.1578	374.21	01Jan2006, 12:11	34.07
WildBTrb1_Tryon_And_Chapanoke	0.2021	274.72	01Jan2006, 12:31	70.66
WildB_1	0.1177	503.59	01Jan2006, 12:07	43.06
WildB_2	0.1698	614.94	01Jan2006, 12:12	65.4
WildB_3	0.2929	739.57	01Jan2006, 12:21	92.38
WildB_4	0.1163	360.66	01Jan2006, 12:16	40.89
WildB_5	0.0353	107.03	01Jan2006, 12:06	8.16
WildB_6	0.0548	159.34	01Jan2006, 12:09	13.7
WildB_7	0.3393	717.71	01Jan2006, 12:25	95.66
WildB_8	0.0248	115.19	01Jan2006, 11:59	6.59
WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25
WildBrnchT2_RRXsing	0.1578	255.03	01Jan2006, 12:23	34.06
WildcatBranch_I40Xsing	1.9683	2220	01Jan2006, 13:21	593.12
WildcatBranch_RRXsing	1.7985	2918.93	01Jan2006, 12:54	528.42
WtsnB_1	0.1177	421.23	01Jan2006, 12:09	37.92
WtsnB_2	0.0956	457.79	01Jan2006, 12:02	30.75
WtsnB_3	0.0154	76.07	01Jan2006, 11:59	4.26
WtsnB_4	0.1534	396.6	01Jan2006, 12:16	43.57

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.053	1701.01	01Jan2006, 23:15	1077.46
72_CarolinaPines_WCT13	0.5049	54.48	01Jan2006, 13:04	20.65
AreaA	0.0567	28.67	01Jan2006, 12:14	2.98
AreaB1	0.019	1.2	01Jan2006, 12:09	0.21
AreaB2	0.059	12.29	01Jan2006, 12:11	1.42
AreaC1	0.0168	27.11	01Jan2006, 12:07	2.38
AreaC2	0.0823	91.05	01Jan2006, 12:11	8.59
Avent Ferry Dr	1.1695	273.54	01Jan2006, 12:21	68.29
BBT1_1	0.5004	109.38	01Jan2006, 12:46	21.59
BBT1_2	0.272	104.89	01Jan2006, 12:15	11.69
BBT1_3	3.9284	466.55	01Jan2006, 13:10	126.57
BBT2_1	0.2378	51.8	01Jan2006, 12:41	9.68
BBT2_2	0.1003	27.01	01Jan2006, 12:21	3.61
BBT2_3	0.0099	6.51	01Jan2006, 12:01	0.4
BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
BBT3A_1	0.0277	1.69	01Jan2006, 12:25	0.39
BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
BBT3_1	0.2625	59.27	01Jan2006, 12:33	9.9
BBT3_2	0.2544	66.73	01Jan2006, 12:31	10.59
BBT3_3	0.1488	21.66	01Jan2006, 12:25	3.65
BBT3_4	0.1146	32.17	01Jan2006, 12:13	3.55
BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
BBT4A_1	0.0355	7.28	01Jan2006, 12:11	0.85
BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
BBT4_1	0.2036	33.45	01Jan2006, 12:21	5.11
BBT4_2	0.3116	31.7	01Jan2006, 12:36	6.72
BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
BBT5_1	0.1414	21.08	01Jan2006, 12:11	2.7
BBT5_2	0.1343	9.66	01Jan2006, 12:31	2.19
BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
BB_1	0.3673	60.48	01Jan2006, 12:47	12.72
BB_2	0.4078	83.96	01Jan2006, 12:37	15.14
BB_3	0.1114	71.09	01Jan2006, 12:12	6.85
BB_4	0.2583	46.51	01Jan2006, 12:18	6.6
BB_5	0.2954	44.98	01Jan2006, 12:22	7.13
BB_6	0.006	2.01	01Jan2006, 12:06	0.17
BB_7	1.233	130.13	01Jan2006, 12:51	31.43
BigBranchTrib1_I40Xsing	3.9284	432.34	01Jan2006, 13:28	121.73
BigBranchTrib3_I40Xsing	0.9359	257.89	01Jan2006, 12:42	33.88
BigBrnch_AuburnChurchRd_US	1.233	130	01Jan2006, 12:52	31.32
BushBT1_1	0.0988	53.61	01Jan2006, 12:10	4.76
BushBT1_2	0.1312	146.68	01Jan2006, 12:04	10.23
BushB_1	0.2184	164.8	01Jan2006, 12:15	17.12
BushB_2	0.1747	92.03	01Jan2006, 12:13	9.29
BushB_3	0.177	112.57	01Jan2006, 12:11	10.39
BushB_4	0.1027	79.19	01Jan2006, 12:07	6.3
Bushy Branch Generic Reservoir	0.972	770.1	01Jan2006, 12:24	73.95
CBT1_1	0.0096	4.97	01Jan2006, 12:00	0.3

CBT1_2	0.0184	18.76	01Jan2006, 12:00	1.05
CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
CB_1	0.0436	44.69	01Jan2006, 12:03	2.95
CB_2	0.0701	65.39	01Jan2006, 12:01	3.88
CB_3	0.1607	92.76	01Jan2006, 12:15	9.67
CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
Cary Towne Blvd	1.4288	684.06	01Jan2006, 12:24	118.88
DortheaDixFarmPnd_WCT16	0.2939	79.32	01Jan2006, 12:20	8.58
GB_1	0.2347	169	01Jan2006, 12:14	16.79
GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
GatlingBranch_I40Xsing	0.401	234.35	01Jan2006, 12:22	25.63
I-440 Beltline	0.5468	117.58	01Jan2006, 13:01	32.42
J_BBT1_1	5.8992	581.02	01Jan2006, 13:54	195.7
J_BBT1_1_BB_2	11.6903	1137.86	01Jan2006, 13:32	366.1
J_BBT1_2	4.2004	446.93	01Jan2006, 13:40	132.67
J_BBT1_3	3.9284	432.34	01Jan2006, 13:28	121.73
J_BBT2_1	0.508	144.61	01Jan2006, 12:36	20.12
J_BBT2_1_BB_3	5.3834	562.49	01Jan2006, 13:08	156.9
J_BBT2_2	0.2702	96.69	01Jan2006, 12:19	10.51
J_BBT2_3	0.1698	69.84	01Jan2006, 12:13	6.91
J_BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
J_BBT3A_1	0.2329	51.6	01Jan2006, 12:24	6.79
J_BBT3A_1_BBT3_3	0.6816	200.65	01Jan2006, 12:27	23.45
J_BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
J_BBT3_1	1.1985	304.17	01Jan2006, 12:49	43.64
J_BBT3_1_BBT1_2	5.3988	540.11	01Jan2006, 13:32	176.31
J_BBT3_2	0.9359	257.89	01Jan2006, 12:42	33.88
J_BBT3_3	0.4486	150.87	01Jan2006, 12:28	16.65
J_BBT3_4	0.2998	129.41	01Jan2006, 12:18	13.06
J_BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
J_BBT4A_1	0.239	67.98	01Jan2006, 12:13	6.94
J_BBT4A_1_BBT4_2	0.7267	87.34	01Jan2006, 12:29	16.72
J_BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
J_BBT4_1	0.9302	114.41	01Jan2006, 12:28	21.71
J_BBT4_2	0.4876	55.55	01Jan2006, 12:32	9.78
J_BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
J_BBT5_1	0.8798	106.41	01Jan2006, 12:58	24.59
J_BBT5_1_BB_7	2.1128	235.66	01Jan2006, 12:55	55.91
J_BBT5_2	0.7384	100.93	01Jan2006, 12:50	21.98
J_BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
J_BB_1	12.0576	1164.8	01Jan2006, 13:47	376.07
J_BB_1_WC_5	43.4311	1804.02	01Jan2006, 19:53	1433.47
J_BB_2	5.7911	601.13	01Jan2006, 13:11	170.4
J_BB_3	4.8754	498.53	01Jan2006, 13:11	136.78
J_BB_4	3.6026	325.83	01Jan2006, 13:20	90.3
J_BB_5	2.4141	251.31	01Jan2006, 13:11	62.71
J_BB_5_BBT4_1	3.3443	314.16	01Jan2006, 13:04	84.42
J_BB_6	2.1187	235.95	01Jan2006, 12:58	55.99
J_BB_7	1.233	130	01Jan2006, 12:52	31.32
J_BushBT1_1	0.3765	277.66	01Jan2006, 12:22	29.55

J_BushBT1_1_BushB_2	1.7003	963.99	01Jan2006, 12:43	122.63
J_BushBT1_2	0.2777	246.65	01Jan2006, 12:08	24.89
J_BushBT1_3	0.1465	148.54	01Jan2006, 12:13	14.68
J_BushBT2_1	0.1979	110.36	01Jan2006, 12:09	10.01
J_BushBT2_2	0.1777	93.36	01Jan2006, 12:10	8.51
J_BushBT2_T4_T5	0.8692	848.55	01Jan2006, 12:13	67.94
J_BushBT3_1	0.2231	280.79	01Jan2006, 12:07	18.87
J_BushBT3_1_BushBT4_2	0.4202	497.91	01Jan2006, 12:06	34.57
J_BushBT3_2	0.1883	263.34	01Jan2006, 12:03	17.54
J_BushBT4_1	0.4765	544.69	01Jan2006, 12:14	41.58
J_BushBT4_2	0.1972	227.82	01Jan2006, 12:04	15.7
J_BushBT4_3	0.1642	216.48	01Jan2006, 12:04	14.68
J_BushBT5_1	0.1949	205.68	01Jan2006, 12:12	16.35
J_BushBT5_2	0.1609	166.07	01Jan2006, 12:07	12.78
J_BushB_1	1.9187	1012.1	01Jan2006, 12:51	139.44
J_BushB_2	1.3238	815.99	01Jan2006, 12:45	93.09
J_BushB_3	1.149	786.51	01Jan2006, 12:32	84.14
J_BushB_4	0.972	745.29	01Jan2006, 12:27	73.87
J_CBT1_1	0.1972	178.39	01Jan2006, 12:14	15.08
J_CBT1_1_CB_3	0.5256	385.6	01Jan2006, 12:15	35.48
J_CBT1_2	0.1876	177.27	01Jan2006, 12:10	14.8
J_CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
J_CB_1	0.6393	406.77	01Jan2006, 12:27	42.14
J_CB_2	0.5958	397.71	01Jan2006, 12:21	39.28
J_CB_3	0.3284	207.77	01Jan2006, 12:15	20.4
J_CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
J_CryTwnBlvdRes_WC_42	1.9907	931.33	01Jan2006, 12:26	155.92
J_GB_1	0.401	234.35	01Jan2006, 12:22	25.63
J_GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
J_PBT1_1	0.1747	8.91	01Jan2006, 12:28	2.21
J_PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
J_PB_1	1.1613	208.35	01Jan2006, 12:52	40.1
J_PB_1_BB_4	4.7639	487.85	01Jan2006, 13:04	130.4
J_PB_2	0.9862	184.81	01Jan2006, 12:43	33.49
J_PB_3	0.6575	161.16	01Jan2006, 12:36	27.52
J_PB_3_PBT1_1	0.8323	169.29	01Jan2006, 12:36	29.73
J_PB_4	0.2727	56.79	01Jan2006, 12:25	8.93
J_RBT1_1	0.2582	356.85	01Jan2006, 12:11	24.95
J_RBT1_1_RB_7	2.3635	798.56	01Jan2006, 12:34	164.71
J_RBT1_2	0.2113	331.98	01Jan2006, 12:03	21.37
J_RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
J_RB_1	3.146	849.46	01Jan2006, 13:06	231.06
J_RB_10	1.4554	603.43	01Jan2006, 12:44	102.97
J_RB_11	1.1918	568.4	01Jan2006, 12:35	84.98
J_RB_12	0.9269	500.47	01Jan2006, 12:28	64.54
J_RB_13	0.6298	317.66	01Jan2006, 12:25	39.66
J_RB_14	0.5006	288.89	01Jan2006, 12:17	33.66
J_RB_15	0.3472	206.96	01Jan2006, 12:07	23.76
J_RB_16	0.2576	128.39	01Jan2006, 12:07	17.69
J_RB_17	0.1645	127.36	01Jan2006, 12:06	9.52

J_RB_1_WC_21	20.4442	2036.92	01Jan2006, 12:54	942.27
J_RB_2	3.0953	843.19	01Jan2006, 13:03	225.26
J_RB_3	2.9041	901.73	01Jan2006, 12:47	214.09
J_RB_4	2.7305	870.55	01Jan2006, 12:43	197.89
J_RB_5	2.5176	807.2	01Jan2006, 12:44	175.92
J_RB_6	2.4713	804.11	01Jan2006, 12:38	174.73
J_RB_7	2.1053	667.25	01Jan2006, 12:35	140.04
J_RB_8	1.9409	656.69	01Jan2006, 12:57	133.6
J_RB_9	1.7677	630.48	01Jan2006, 12:55	115.54
J_SB_1	1.2176	284.78	01Jan2006, 12:24	72.54
J_SB_1_WC_30	8.9555	760.31	01Jan2006, 12:23	444.24
J_SB_2	1.1695	273.52	01Jan2006, 12:21	68.29
J_SB_3	1.0274	233.31	01Jan2006, 12:22	60.43
J_SB_4	0.7737	169.78	01Jan2006, 12:48	46.08
J_SB_5	0.5468	118.42	01Jan2006, 12:56	32.46
J_SB_6	0.5201	262.1	01Jan2006, 12:21	34.25
J_SB_7	0.417	217.97	01Jan2006, 12:24	28.04
J_SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
J_WC37_WCT25_1	3.3506	1003.69	01Jan2006, 13:08	241.68
J_WCT10_1	0.3311	176.84	01Jan2006, 12:25	23.1
J_WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.26
J_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
J_WCT11_1_WC_19	23.3542	2303.26	01Jan2006, 13:38	1100.72
J_WCT11_2	0.342	101	01Jan2006, 12:20	13.31
J_WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
J_WCT12A_1	0.2874	177.89	01Jan2006, 12:21	19.68
J_WCT12A_1_WCT12_4	0.8089	214.26	01Jan2006, 12:19	45.56
J_WCT12A_2	0.2173	144.76	01Jan2006, 12:13	13.2
J_WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
J_WCT12B_1	0.0844	61.94	01Jan2006, 12:08	4.84
J_WCT12_1	1.1374	293.66	01Jan2006, 12:20	73
J_WCT12_1_WC_22	17.14	1252.43	01Jan2006, 12:35	705.55
J_WCT12_2	0.9312	228.91	01Jan2006, 12:33	50.36
J_WCT12_3	0.8193	217.18	01Jan2006, 12:22	46.25
J_WCT12_4	0.5215	90.23	01Jan2006, 13:13	25.88
J_WCT12_5_1_WCT12B_1	0.2754	78.35	01Jan2006, 12:43	14.96
J_WCT12_5_2	0.4333	84.01	01Jan2006, 13:05	21.34
J_WCT12_6	0.191	66.18	01Jan2006, 12:30	10.6
J_WCT13_1	0.6855	102.76	01Jan2006, 12:22	32.55
J_WCT13_1_WC_23	15.9359	981.74	01Jan2006, 12:28	629.91
J_WCT13_2	0.5049	54.48	01Jan2006, 13:04	20.65
J_WCT13_3	0.4078	163.3	01Jan2006, 12:20	17.39
J_WCT13_4	0.2575	112.21	01Jan2006, 12:12	11.24
J_WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
J_WCT14_1	0.3417	205.03	01Jan2006, 12:17	19.15
J_WCT14_1_WC_24	14.6682	819.51	01Jan2006, 12:17	570.81
J_WCT14_2	0.2542	145.98	01Jan2006, 12:09	12.58
J_WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
J_WCT15_1	0.3746	251.63	01Jan2006, 12:10	30.03
J_WCT15_1_WC_25	14.269	724.76	01Jan2006, 12:09	554.33

J_WCT15_2	0.2481	139.43	01Jan2006, 12:16	15.25
J_WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
J_WCT16_1	0.305	80.57	01Jan2006, 12:23	8.95
J_WCT16_1_WC_26	13.5417	610.29	01Jan2006, 18:52	497.62
J_WCT16_2	0.2939	79.32	01Jan2006, 12:20	8.58
J_WCT16_3	0.2106	85.96	01Jan2006, 12:10	6.73
J_WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
J_WCT17_1	1.0661	296.1	01Jan2006, 12:45	42.6
J_WCT17_1_WC_27	13.2146	605.14	01Jan2006, 18:51	487.53
J_WCT17_2	0.7076	264.26	01Jan2006, 12:23	35.49
J_WCT17_3	0.6196	245.27	01Jan2006, 12:17	30.52
J_WCT17_4	0.4336	201.08	01Jan2006, 12:26	22.37
J_WCT17_5	0.2541	144.96	01Jan2006, 12:25	12.92
J_WCT17_6	0.2078	137.27	01Jan2006, 12:17	10.71
J_WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
J_WCT18_1	0.5326	346.15	01Jan2006, 12:28	44.21
J_WCT18_2	0.3909	383.58	01Jan2006, 12:14	32.69
J_WCT18_3	0.2968	302.69	01Jan2006, 12:07	24.04
J_WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
J_WCT19_1	0.3147	234.94	01Jan2006, 12:13	19.71
J_WCT19_2	0.1616	169.27	01Jan2006, 12:08	12.78
J_WCT1_1	0.5662	201.46	01Jan2006, 12:28	26.44
J_WCT1_1_WC_2	45.4339	1733.86	01Jan2006, 22:10	1207.63
J_WCT1_2	0.2847	106.68	01Jan2006, 12:23	12.68
J_WCT1_3	0.2476	95.56	01Jan2006, 12:17	10.29
J_WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
J_WCT20_1	0.2318	279.06	01Jan2006, 12:16	22.23
J_WCT20_1_WC_32	7.3276	510.52	01Jan2006, 15:45	351.07
J_WCT20_2	0.2266	278.12	01Jan2006, 12:14	22.04
J_WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
J_WCT21_1	0.2359	137.4	01Jan2006, 12:12	14.83
J_WCT21_2	0.2181	135.75	01Jan2006, 12:09	14.59
J_WCT21_3	0.1657	101.42	01Jan2006, 12:15	11.18
J_WCT22_1	0.5905	433.13	01Jan2006, 12:42	60.84
J_WCT22_1_WC_34	5.2179	1599.44	01Jan2006, 12:51	387.2
J_WCT22_2	0.5242	426.52	01Jan2006, 12:26	56.28
J_WCT22_3	0.347	323.2	01Jan2006, 12:21	42.64
J_WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
J_WCT23_1	0.2075	140.12	01Jan2006, 12:18	13.41
J_WCT23_2	0.2045	139.06	01Jan2006, 12:15	13.12
J_WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
J_WCT24_1	0.682	295.96	01Jan2006, 12:41	38.87
J_WCT24_1_WC_36	4.3244	1218.81	01Jan2006, 12:43	305.69
J_WCT24_2	0.6657	293.65	01Jan2006, 12:38	37.67
J_WCT24_3	0.5429	269.99	01Jan2006, 12:24	31.69
J_WCT24_4	0.2916	171.86	01Jan2006, 12:16	17.38
J_WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
J_WCT25_1	0.1626	108.63	01Jan2006, 12:11	9.46
J_WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
J_WCT26_1	0.3096	93.47	01Jan2006, 12:40	17.98

J_WCT26_1_WC_40	2.3827	957.97	01Jan2006, 12:42	177.14
J_WCT26_2	0.2949	90.03	01Jan2006, 12:37	16.51
J_WCT26_3	0.1835	68.63	01Jan2006, 12:18	7.68
J_WCT2_1	0.3015	60.73	01Jan2006, 12:21	8.2
J_WCT2_1_WC_3	44.716	1739.73	01Jan2006, 21:33	1258.88
J_WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
J_WCT3_1	0.2856	54.74	01Jan2006, 12:22	8.76
J_WCT3_1_WC_4	44.2548	1751.84	01Jan2006, 20:56	1323.1
J_WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
J_WCT4_1	0.2291	50.83	01Jan2006, 12:22	6
J_WCT4_1_WC_6	30.7752	1611.55	01Jan2006, 19:30	1098.08
J_WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
J_WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
J_WCT5_1_1	0.4649	216.34	01Jan2006, 12:31	31.04
J_WCT5_1_1_WC_7	30.4756	1642.02	01Jan2006, 18:47	1152.3
J_WCT5_1_2_WCT5A_1	0.2816	165.76	01Jan2006, 12:20	17.54
J_WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
J_WCT6_1	0.3532	179.42	01Jan2006, 12:15	17.53
J_WCT6_1_WC_8	29.7539	1634.74	01Jan2006, 18:26	1133.29
J_WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
J_WCT7_1	0.3685	156.21	01Jan2006, 12:25	19.81
J_WCT7_1_WC_12	28.2364	1846.84	01Jan2006, 16:11	1239.73
J_WCT7_2	0.2674	130.34	01Jan2006, 12:18	14.88
J_WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
J_WCT8A_1	0.272	151.05	01Jan2006, 12:20	16.21
J_WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
J_WCT8_1	1.5766	435.77	01Jan2006, 13:00	95.24
J_WCT8_1_WC_13	27.8599	1843.06	01Jan2006, 15:59	1233.13
J_WCT8_2	1.394	392.25	01Jan2006, 12:48	71.12
J_WCT8_3	1.2056	381.13	01Jan2006, 12:32	59.3
J_WCT8_4	0.769	191.48	01Jan2006, 12:29	32.93
J_WCT8_4_WCT8A_1	1.041	324.17	01Jan2006, 12:26	49.14
J_WCT8_5	0.5591	122.83	01Jan2006, 12:37	21.98
J_WCT8_6	0.3137	80.83	01Jan2006, 12:30	10.9
J_WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
J_WCT9_1	0.6223	308.84	01Jan2006, 12:36	37.77
J_WCT9_1_WC_14	26.1498	1861.29	01Jan2006, 15:26	1170.81
J_WCT9_2	0.5992	306.59	01Jan2006, 12:32	36.76
J_WCT9_3	0.522	293.43	01Jan2006, 12:22	31.8
J_WCT9_4	0.3752	238.04	01Jan2006, 12:17	23.22
J_WCT9_5	0.326	214.96	01Jan2006, 12:12	20.37
J_WCT9_6	0.155	114.91	01Jan2006, 12:09	9.49
J_WC_10_WC_9	29.3908	1637.14	01Jan2006, 18:05	1144.01
J_WC_11	28.7992	1744.8	01Jan2006, 17:01	1207.52
J_WC_12	27.8679	1835.49	01Jan2006, 16:11	1219.92
J_WC_13	26.2833	1784.96	01Jan2006, 16:01	1137.89
J_WC_14	25.5275	1836.22	01Jan2006, 15:26	1133.05
J_WC_15	25.1689	1821.29	01Jan2006, 15:24	1111.05
J_WC_15_WCT10_1	25.5	1835.72	01Jan2006, 15:24	1134.14
J_WC_16	25.1407	1820.4	01Jan2006, 15:22	1110.51

J_WC_17	24.6021	1817.56	01Jan2006, 15:05	1085.42
J_WC_17_GB_1	25.0031	1834.73	01Jan2006, 15:05	1111.06
J_WC_18	23.4658	2011.14	01Jan2006, 14:18	1063.28
J_WC_19	22.9052	2270.95	01Jan2006, 13:39	1079.44
J_WC_2	44.8677	1725.75	01Jan2006, 22:10	1181.2
J_WC_20	20.4775	1942.63	01Jan2006, 13:11	932.11
J_WC_21	17.2983	1238.98	01Jan2006, 12:45	711.21
J_WC_22	16.0026	964.16	01Jan2006, 12:35	632.55
J_WC_23	15.2503	883.82	01Jan2006, 12:29	597.36
J_WC_24	14.3265	629.49	01Jan2006, 19:01	551.66
J_WC_25	13.8944	619.19	01Jan2006, 18:52	524.3
J_WC_26	13.2367	605.77	01Jan2006, 18:53	488.67
J_WC_27	12.1485	585.7	01Jan2006, 18:54	444.93
J_WC_28_WCT18_1	12.1198	1925.3	01Jan2006, 12:31	681.27
J_WC_29	9.1984	634.43	01Jan2006, 12:36	449.81
J_WC_29_BushB_1	11.1171	1600.33	01Jan2006, 12:50	589.25
J_WC_3	44.4144	1736.52	01Jan2006, 21:33	1250.68
J_WC_30	7.738	523.57	01Jan2006, 15:54	371.69
J_WC_31	7.3369	510.72	01Jan2006, 15:48	350.92
J_WC_31_WCT19_1	7.6516	566.32	01Jan2006, 12:16	370.64
J_WC_32	7.0958	500.18	01Jan2006, 15:47	328.84
J_WC_33_WCT21_1	6.9932	2024.84	01Jan2006, 12:34	483.21
J_WC_34	4.6274	1226.69	01Jan2006, 13:06	326.36
J_WC_35	4.3433	1219.71	01Jan2006, 12:46	307.43
J_WC_35_WCT23_1	4.5508	1262.42	01Jan2006, 12:44	320.83
J_WC_36	3.6423	1038.84	01Jan2006, 13:07	266.82
J_WC_37	3.188	989.35	01Jan2006, 13:09	232.22
J_WC_38	3.133	1029.07	01Jan2006, 12:49	229.33
J_WC_39	2.4774	912.63	01Jan2006, 12:56	182.12
J_WC_4	43.9692	1748.51	01Jan2006, 20:56	1314.34
J_WC_40	2.073	865.12	01Jan2006, 12:43	159.16
J_WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
J_WC_5	31.3735	1606.95	01Jan2006, 20:06	1057.4
J_WC_6	30.5461	1608.68	01Jan2006, 19:30	1092.08
J_WC_7	30.0107	1630.8	01Jan2006, 18:48	1121.26
J_WC_8	29.4007	1627.3	01Jan2006, 18:27	1115.76
J_WildBT1_1	0.5965	397.81	01Jan2006, 12:22	44.98
J_WildBT1_1_WildB_5	1.3893	601.98	01Jan2006, 12:29	80.98
J_WildBT1_2	0.5604	384.64	01Jan2006, 12:19	42.36
J_WildBT1_3	0.3855	317.86	01Jan2006, 12:18	33.35
J_WildBT1_4	0.2021	188.25	01Jan2006, 12:16	18.65
J_WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
J_WildBT2_1	0.1817	44.93	01Jan2006, 12:18	5.43
J_WildBT2_1_WildB_6	0.7574	247.69	01Jan2006, 12:32	34.94
J_WildBT2_2	0.1578	35.13	01Jan2006, 12:16	4.29
J_WildB_1	2.086	471.22	01Jan2006, 13:18	143.79
J_WildB_1_WC_20	22.5635	2409.78	01Jan2006, 13:14	1075.9
J_WildB_2	1.9683	458.87	01Jan2006, 13:16	131.74
J_WildB_3	1.7985	435.22	01Jan2006, 13:12	111.91
J_WildB_4	1.5056	654.65	01Jan2006, 12:36	91.57

J_WildB_5	0.7927	251.02	01Jan2006, 12:38	36
J_WildB_6	0.5757	218.07	01Jan2006, 12:33	29.51
J_WildB_7	0.5209	209.18	01Jan2006, 12:26	27.42
J_WildB_8	0.1817	79.87	01Jan2006, 12:19	9.11
J_WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98
J_WtsnB_1	1.0213	526.65	01Jan2006, 12:43	66.92
J_WtsnB_1_WC_18	24.4871	2073.58	01Jan2006, 14:16	1130.2
J_WtsnB_2	0.2643	141.22	01Jan2006, 12:04	16.29
J_WtsnB_2_CB_1	0.9036	502.32	01Jan2006, 12:27	58.43
J_WtsnB_3	0.1687	75.28	01Jan2006, 12:20	9.2
J_WtsnB_4	0.1534	72.86	01Jan2006, 12:18	8.41
Lake Raleigh	12.1198	607.04	01Jan2006, 17:52	483.03
Lake_Johnson	6.9932	510.17	01Jan2006, 14:53	337.58
PBT1_1	0.0066	0.9	01Jan2006, 12:09	0.11
PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
PB_1	0.1751	49.5	01Jan2006, 12:22	6.76
PB_2	0.154	24.49	01Jan2006, 12:23	3.86
PB_3	0.3848	128.37	01Jan2006, 12:28	18.69
PB_4_1	0.1089	26.86	01Jan2006, 12:19	3.58
PB_4_2	0.1638	32.57	01Jan2006, 12:29	5.35
Pineview Dr	0.7737	169.43	01Jan2006, 12:51	46.08
PoplarBranch_I40	0.1638	32.53	01Jan2006, 12:30	5.35
Priv_1001_UnderwoodPond_WCT8	0.3137	80.83	01Jan2006, 12:30	10.9
Private15_Ileagnes_WCT12	0.4333	84.01	01Jan2006, 13:05	21.34
Private23_GolfCourseC_WCT12	0.1614	63.02	01Jan2006, 12:30	9.25
Private36_GolfCourseA_WCT12B	0.0844	61.94	01Jan2006, 12:08	4.84
RBT1_1	0.0469	59.78	01Jan2006, 12:01	3.63
RBT1_2	0.0428	79.44	01Jan2006, 11:58	4.35
RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
RB_1	0.0507	79.11	01Jan2006, 12:05	6.02
RB_10	0.2635	251.3	01Jan2006, 12:05	18.26
RB_11	0.265	248.27	01Jan2006, 12:09	20.62
RB_12	0.2971	212.86	01Jan2006, 12:19	24.96
RB_13	0.1292	76.23	01Jan2006, 12:07	6.09
RB_14	0.1534	113.4	01Jan2006, 12:10	9.99
RB_15	0.0896	86.7	01Jan2006, 12:05	6.09
RB_16	0.0931	113.42	01Jan2006, 12:05	8.32
RB_17	0.1645	127.36	01Jan2006, 12:06	9.52
RB_2	0.1911	125.04	01Jan2006, 12:13	12.37
RB_3	0.1736	201.87	01Jan2006, 12:08	16.52
RB_4	0.2129	230.23	01Jan2006, 12:12	22.02
RB_5	0.0463	20.41	01Jan2006, 12:05	1.53
RB_6	0.1078	153.82	01Jan2006, 12:03	10.23
RB_7	0.1644	85.66	01Jan2006, 12:07	7.06
RB_8	0.1732	216.66	01Jan2006, 12:08	18.17
RB_9	0.3123	134.44	01Jan2006, 12:11	12.98
R_BBT1_1	5.3988	540.11	01Jan2006, 13:57	174.12
R_BBT1_2	3.9284	432.34	01Jan2006, 13:40	120.98
R_BBT2_1_1	0.2702	94.15	01Jan2006, 12:35	10.44
R_BBT2_1_2	0.2702	94.15	01Jan2006, 12:24	10.49

R_BBT2_2	0.1698	69.84	01Jan2006, 12:19	6.9
R_BBT2_3	0.16	67.94	01Jan2006, 12:13	6.52
R_BBT3A_1	0.2052	49.92	01Jan2006, 12:24	6.41
R_BBT3_1	0.9359	257.89	01Jan2006, 12:51	33.75
R_BBT3_2	0.6816	200.65	01Jan2006, 12:40	23.31
R_BBT3_3	0.2998	129.41	01Jan2006, 12:28	13
R_BBT3_4	0.1852	101.03	01Jan2006, 12:19	9.5
R_BBT4A_1	0.2035	60.78	01Jan2006, 12:13	6.09
R_BBT4_1	0.7267	87.34	01Jan2006, 12:43	16.6
R_BBT4_2	0.176	24.29	01Jan2006, 12:32	3.06
R_BBT5_1	0.7384	100.93	01Jan2006, 12:58	21.89
R_BBT5_2	0.6041	93.71	01Jan2006, 12:51	19.79
R_BB_1	11.6903	1137.86	01Jan2006, 13:47	363.35
R_BB_2	5.3834	562.49	01Jan2006, 13:29	155.26
R_BB_3	4.7639	487.85	01Jan2006, 13:11	129.93
R_BB_4	3.3443	314.16	01Jan2006, 13:20	83.7
R_BB_5	2.1187	235.95	01Jan2006, 13:12	55.58
R_BB_6	2.1128	235.66	01Jan2006, 12:58	55.82
R_BushBT1_1	0.2777	246.65	01Jan2006, 12:23	24.78
R_BushBT1_2	0.1465	148.54	01Jan2006, 12:17	14.66
R_BushBT3_1	0.1883	263.34	01Jan2006, 12:07	17.53
R_BushBT4_1	0.4202	497.91	01Jan2006, 12:15	34.49
R_BushBT5_1	0.1609	166.07	01Jan2006, 12:13	12.76
R_BushB_1	1.7003	963.99	01Jan2006, 12:51	122.32
R_BushB_2	1.149	786.51	01Jan2006, 12:45	83.79
R_BushB_3_1	0.972	739.68	01Jan2006, 12:33	73.75
R_BushB_3_2	0.972	745.29	01Jan2006, 12:31	73.78
R_BushB_4_1	0.972	745.29	01Jan2006, 12:27	73.87
R_BushB_4_2	0.8692	848.55	01Jan2006, 12:19	67.82
R_CBT1_1	0.1876	177.27	01Jan2006, 12:14	14.79
R_CBT1_2	0.1693	171.59	01Jan2006, 12:11	13.75
R_CB_1	0.5958	397.71	01Jan2006, 12:27	39.2
R_CB_2	0.5256	385.6	01Jan2006, 12:22	35.4
R_CB_3	0.1677	115.07	01Jan2006, 12:16	10.73
R_GB_1	0.1663	100.03	01Jan2006, 12:26	8.86
R_PBT1_1	0.1682	8.5	01Jan2006, 12:28	2.1
R_PB_1	0.9862	184.81	01Jan2006, 12:53	33.34
R_PB_2	0.8323	169.29	01Jan2006, 12:44	29.63
R_PB_3	0.2727	56.79	01Jan2006, 12:49	8.83
R_RBT1_1	0.2113	331.98	01Jan2006, 12:12	21.32
R_RBT1_2	0.1685	275.69	01Jan2006, 12:04	17.02
R_RB_1	3.0953	843.19	01Jan2006, 13:06	225.04
R_RB_10	1.1918	568.4	01Jan2006, 12:45	84.71
R_RB_11	0.9269	500.47	01Jan2006, 12:36	64.37
R_RB_12	0.6298	317.66	01Jan2006, 12:31	39.58
R_RB_13	0.5006	288.89	01Jan2006, 12:25	33.57
R_RB_14_1	0.3472	201.1	01Jan2006, 12:20	23.67
R_RB_14_2	0.3472	206.96	01Jan2006, 12:17	23.68
R_RB_15	0.2576	128.39	01Jan2006, 12:10	17.67
R_RB_16_1	0.1645	53.12	01Jan2006, 12:29	9.37

R_RB_16_2	0.1645	53.12	01Jan2006, 12:21	9.4
R_RB_2	2.9041	820.88	01Jan2006, 13:06	212.9
R_RB_3	2.7305	870.55	01Jan2006, 12:48	197.57
R_RB_4	2.5176	807.2	01Jan2006, 12:45	175.87
R_RB_5	2.4713	804.11	01Jan2006, 12:44	174.39
R_RB_6	2.3635	785.38	01Jan2006, 12:38	164.5
R_RB_7	1.9409	656.69	01Jan2006, 13:11	132.98
R_RB_8	1.7677	630.48	01Jan2006, 12:58	115.43
R_RB_9	1.4554	603.43	01Jan2006, 12:56	102.57
R_SB_1	1.1695	273.21	01Jan2006, 12:25	68.12
R_SB_2	1.0274	233.09	01Jan2006, 12:25	60.34
R_SB_3	0.7737	169.39	01Jan2006, 12:54	45.98
R_SB_4	0.5468	117.54	01Jan2006, 13:06	32.3
R_SB_7	0.1701	127.21	01Jan2006, 12:21	13.15
R_WCT10_1	0.2318	114.54	01Jan2006, 12:31	14.22
R_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
R_WCT11_2	0.16	35.34	01Jan2006, 12:29	4.71
R_WCT12A_1	0.2173	144.76	01Jan2006, 12:23	13.15
R_WCT12A_2	0.1534	91.28	01Jan2006, 12:13	8.26
R_WCT12B_1	0.0844	61.94	01Jan2006, 12:13	4.84
R_WCT12_1	0.9312	228.91	01Jan2006, 12:43	50.16
R_WCT12_2	0.8193	217.18	01Jan2006, 12:28	46.15
R_WCT12_3	0.8089	214.26	01Jan2006, 12:22	45.51
R_WCT12_4	0.4333	84.01	01Jan2006, 13:14	21.26
R_WCT12_5_1	0.191	66.18	01Jan2006, 12:37	10.58
R_WCT12_5_2	0.2754	78.35	01Jan2006, 12:47	14.94
R_WCT13_1	0.5049	54.48	01Jan2006, 13:21	20.46
R_WCT13_2	0.4078	163.3	01Jan2006, 12:28	17.33
R_WCT13_3	0.2575	112.21	01Jan2006, 12:22	11.2
R_WCT13_4	0.1561	61.83	01Jan2006, 12:16	6.35
R_WCT14_1	0.2542	145.98	01Jan2006, 12:19	12.54
R_WCT14_2_1	0.1748	75.96	01Jan2006, 12:13	6.37
R_WCT14_2_2	0.1748	75.96	01Jan2006, 12:09	6.38
R_WCT15_1	0.2481	139.43	01Jan2006, 12:25	15.21
R_WCT15_2	0.1794	100.98	01Jan2006, 12:19	10.11
R_WCT16_1	0.2939	79.32	01Jan2006, 12:23	8.57
R_WCT16_2	0.2106	85.96	01Jan2006, 12:15	6.72
R_WCT16_3	0.1646	77.79	01Jan2006, 12:10	5.66
R_WCT17_1	0.7076	264.26	01Jan2006, 12:46	35.18
R_WCT17_2	0.6196	245.27	01Jan2006, 12:19	30.5
R_WCT17_3	0.4336	201.08	01Jan2006, 12:31	22.32
R_WCT17_4	0.2541	144.96	01Jan2006, 12:28	12.91
R_WCT17_5	0.2078	137.27	01Jan2006, 12:24	10.68
R_WCT17_7	0.1909	133.64	01Jan2006, 12:17	9.87
R_WCT18_1	0.3909	383.58	01Jan2006, 12:21	32.62
R_WCT18_2	0.2968	302.69	01Jan2006, 12:16	23.98
R_WCT18_3	0.2071	226.38	01Jan2006, 12:09	18.21
R_WCT19_1	0.1616	169.27	01Jan2006, 12:18	12.75
R_WCT1_1	0.2847	106.68	01Jan2006, 12:33	12.63
R_WCT1_2	0.2476	95.56	01Jan2006, 12:24	10.26

R_WCT1_3	0.1611	62.73	01Jan2006, 12:18	6.67
R_WCT20_1	0.2266	278.12	01Jan2006, 12:16	22.03
R_WCT20_2	0.169	229.73	01Jan2006, 12:15	17.25
R_WCT21_1	0.2181	135.75	01Jan2006, 12:12	14.57
R_WCT21_2	0.1657	101.42	01Jan2006, 12:20	11.16
R_WCT22_1	0.5242	426.52	01Jan2006, 12:38	56.11
R_WCT22_2	0.347	323.2	01Jan2006, 12:30	42.55
R_WCT22_3	0.2027	293.05	01Jan2006, 12:11	23.71
R_WCT23_1	0.2045	139.06	01Jan2006, 12:18	13.1
R_WCT23_2	0.1653	116.23	01Jan2006, 12:17	9.84
R_WCT24_1	0.6657	293.65	01Jan2006, 12:41	37.63
R_WCT24_2	0.5429	269.99	01Jan2006, 12:39	31.52
R_WCT24_3	0.2916	159.52	01Jan2006, 12:28	17.3
R_WCT24_4	0.1858	139.66	01Jan2006, 12:18	12.01
R_WCT25_1	0.1569	104.05	01Jan2006, 12:11	9.01
R_WCT26_1	0.2949	90.03	01Jan2006, 12:41	16.49
R_WCT26_2	0.1835	68.63	01Jan2006, 12:26	7.66
R_WCT2_1	0.1566	29.38	01Jan2006, 12:22	3.84
R_WCT3_1	0.1582	24.66	01Jan2006, 12:34	4.1
R_WCT4_1	0.1483	40.65	01Jan2006, 12:23	4.35
R_WCT5A_1	0.1308	101.98	01Jan2006, 12:10	8.69
R_WCT5_1_1	0.2816	165.76	01Jan2006, 12:35	17.45
R_WCT5_1_2	0.1508	103.56	01Jan2006, 12:24	8.85
R_WCT6_1	0.152	83.04	01Jan2006, 12:16	7.52
R_WCT7_1	0.2674	130.34	01Jan2006, 12:28	14.83
R_WCT7_2	0.2009	101.01	01Jan2006, 12:19	11.44
R_WCT7_2_1	0.2009	101.01	01Jan2006, 12:20	11.43
R_WCT8A_1	0.1499	80.74	01Jan2006, 12:20	8.12
R_WCT8_1	1.394	392.25	01Jan2006, 13:01	70.77
R_WCT8_2	1.2056	381.13	01Jan2006, 12:43	59.05
R_WCT8_3	1.041	324.17	01Jan2006, 12:34	48.98
R_WCT8_4	0.5591	122.83	01Jan2006, 12:54	21.82
R_WCT8_5	0.3137	80.83	01Jan2006, 12:41	10.84
R_WCT8_6	0.1524	63.05	01Jan2006, 12:23	6.57
R_WCT9_1	0.5992	306.59	01Jan2006, 12:36	36.71
R_WCT9_2	0.522	293.43	01Jan2006, 12:32	31.69
R_WCT9_3	0.3752	238.04	01Jan2006, 12:23	23.17
R_WCT9_4	0.326	214.96	01Jan2006, 12:18	20.32
R_WCT9_5	0.155	114.91	01Jan2006, 12:11	9.49
R_WC_1	45.4339	1692.09	01Jan2006, 23:15	1046.14
R_WC_11	28.2364	1728.02	01Jan2006, 17:01	1169.23
R_WC_12	27.8599	1835.27	01Jan2006, 16:11	1219.49
R_WC_13	26.1498	1780.62	01Jan2006, 16:01	1129.85
R_WC_14	25.5	1835.3	01Jan2006, 15:26	1131.57
R_WC_15	25.1407	1819.83	01Jan2006, 15:24	1107.54
R_WC_16	25.0031	1812.82	01Jan2006, 15:22	1093.19
R_WC_17	24.4871	1810.89	01Jan2006, 15:05	1071.44
R_WC_18	23.3542	2006.14	01Jan2006, 14:18	1057.48
R_WC_19	22.5635	2244.48	01Jan2006, 13:39	1054.03
R_WC_2	44.716	1723.71	01Jan2006, 22:10	1174.84

R_WC_20	20.4442	1939.26	01Jan2006, 13:11	928.65
R_WC_21	17.14	1199.99	01Jan2006, 12:47	698.09
R_WC_22	15.9359	948.6	01Jan2006, 12:36	625.03
R_WC_23	14.6682	633.7	01Jan2006, 19:23	553.88
R_WC_24	14.269	627.91	01Jan2006, 19:02	545.86
R_WC_25	13.5417	610.27	01Jan2006, 18:54	496.18
R_WC_26	13.2146	605.12	01Jan2006, 18:53	485.93
R_WC_27	12.1198	584.84	01Jan2006, 18:55	441.25
R_WC_29	8.9555	579.08	01Jan2006, 16:04	436.34
R_WC_3	44.2548	1734.1	01Jan2006, 21:33	1242.66
R_WC_30	7.6516	520.89	01Jan2006, 15:55	366.88
R_WC_31	7.3276	510.45	01Jan2006, 15:48	350.47
R_WC_32	6.9932	497.14	01Jan2006, 15:48	323.87
R_WC_34	4.5508	1218.79	01Jan2006, 13:06	319.42
R_WC_35	4.3244	1216.89	01Jan2006, 12:47	305.49
R_WC_36	3.3506	996.87	01Jan2006, 13:23	241.23
R_WC_37	3.133	985.48	01Jan2006, 13:09	229.3
R_WC_38	2.4774	839.5	01Jan2006, 13:09	181.82
R_WC_39	2.3827	903.59	01Jan2006, 12:56	176.25
R_WC_4	43.4311	1741.84	01Jan2006, 20:56	1295.78
R_WC_40	1.9907	851.86	01Jan2006, 12:43	154.97
R_WC_41	0.8865	344.41	01Jan2006, 12:48	57.75
R_WC_5	30.7752	1599.56	01Jan2006, 20:06	1040.95
R_WC_6	30.4756	1607.46	01Jan2006, 19:30	1088.85
R_WC_7	29.7539	1624.45	01Jan2006, 18:48	1102.72
R_WC_8	29.3908	1627.11	01Jan2006, 18:27	1115.35
R_WC_9	28.7992	1623.29	01Jan2006, 18:06	1113.03
R_WildBT1_1	0.5604	384.64	01Jan2006, 12:23	42.31
R_WildBT1_2	0.3855	317.86	01Jan2006, 12:23	33.3
R_WildBT1_3	0.2021	188.25	01Jan2006, 12:24	18.61
R_WildBT1_4	0.1682	184.29	01Jan2006, 12:13	14.77
R_WildBT2_1	0.1578	35.13	01Jan2006, 12:22	4.27
R_WildB_1	1.9683	458.87	01Jan2006, 13:18	131.66
R_WildB_2	1.7985	435.22	01Jan2006, 13:17	111.72
R_WildB_3	1.5056	654.65	01Jan2006, 12:48	91.19
R_WildB_4	1.3893	601.98	01Jan2006, 12:39	80.7
R_WildB_5	0.7574	247.69	01Jan2006, 12:38	34.86
R_WildB_6	0.5209	209.18	01Jan2006, 12:34	27.33
R_WildB_7	0.1817	79.87	01Jan2006, 12:25	9.09
R_WildB_8	0.1569	75.95	01Jan2006, 12:19	7.97
R_WtsnB_1	0.9036	502.32	01Jan2006, 12:43	58.11
R_WtsnB_2	0.1687	75.27	01Jan2006, 12:25	9.18
R_WtsnB_3	0.1534	72.86	01Jan2006, 12:20	8.41
RockyTrib1 Generic Reservoir	0.2582	145.04	01Jan2006, 12:23	24.67
SB_1	0.0481	72.77	01Jan2006, 12:01	4.42
SB_2	0.142	104.41	01Jan2006, 12:06	7.96
SB_3	0.2538	127.49	01Jan2006, 12:18	14.46
SB_4	0.2269	96.16	01Jan2006, 12:28	13.78
SB_5	0.0267	29.17	01Jan2006, 12:03	1.9
SB_6	0.103	69.31	01Jan2006, 12:10	6.21

SB_7	0.247	98.2	01Jan2006, 12:31	14.9
SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
WCLAKRA_LakeRaleighA_WCT18	0.5326	346.15	01Jan2006, 12:28	44.21
WCT10_1	0.0994	84.35	01Jan2006, 12:15	8.88
WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.27
WCT10_MLK	0.2318	114.54	01Jan2006, 12:22	14.26
WCT11_1	0.107	86.01	01Jan2006, 12:12	8.11
WCT11_2	0.182	80.42	01Jan2006, 12:15	8.59
WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
WCT11_I40	0.449	179.82	01Jan2006, 12:16	21.41
WCT12A_1	0.0701	87.85	01Jan2006, 12:06	6.52
WCT12A_2	0.0638	54.33	01Jan2006, 12:11	4.94
WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
WCT12B_1	0.0844	70.79	01Jan2006, 12:04	4.89
WCT12_1	0.2062	271.51	01Jan2006, 12:08	23.11
WCT12_2	0.0529	28.12	01Jan2006, 12:13	2.83
WCT12_3	0.0104	11.34	01Jan2006, 12:03	0.75
WCT12_4	0.0882	57.85	01Jan2006, 12:07	4.63
WCT12_5_1	0.1579	60.17	01Jan2006, 12:18	7.19
WCT12_5_2	0.0296	23.61	01Jan2006, 12:00	1.36
WCT12_6	0.1614	84.37	01Jan2006, 12:17	9.45
WCT12_I40	1.1374	293.66	01Jan2006, 12:20	73
WCT12_RR_Xsing	0.2754	78.35	01Jan2006, 12:43	14.96
WCT12_SouthSaundersSt	0.9312	228.91	01Jan2006, 12:33	50.36
WCT13_1	0.1616	99	01Jan2006, 12:20	11.87
WCT13_2	0.0971	72.05	01Jan2006, 12:08	5.77
WCT13_3	0.1502	55.25	01Jan2006, 12:15	6.19
WCT13_4	0.1014	58.74	01Jan2006, 12:08	4.89
WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
WCT13_I40	0.6855	102.76	01Jan2006, 12:22	32.55
WCT13_RRXsing	0.6855	102.76	01Jan2006, 12:22	32.55
WCT14_1	0.0875	77.97	01Jan2006, 12:09	6.61
WCT14_2	0.0794	88.15	01Jan2006, 12:05	6.22
WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
WCT15_1	0.1265	187.59	01Jan2006, 12:06	14.82
WCT15_2	0.0686	68.36	01Jan2006, 12:06	5.15
WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
WCT15_I40	0.2481	139.43	01Jan2006, 12:16	15.25
WCT16_1	0.0111	5.92	01Jan2006, 12:02	0.38
WCT16_2	0.0834	27.32	01Jan2006, 12:02	1.96
WCT16_3	0.0459	8.56	01Jan2006, 12:13	1.07
WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
WCT17_1	0.3585	35.01	01Jan2006, 12:35	7.42
WCT17_2	0.088	68.06	01Jan2006, 12:06	5.01
WCT17_3	0.186	80.53	01Jan2006, 12:13	8.2
WCT17_4	0.1796	99.23	01Jan2006, 12:12	9.46
WCT17_5	0.0463	30.43	01Jan2006, 12:05	2.25
WCT17_6	0.0169	13.42	01Jan2006, 12:02	0.84
WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
WCT17_I40	0.7076	264.26	01Jan2006, 12:23	35.49

WCT17_LineberryDr	0.2541	144.96	01Jan2006, 12:25	12.92
WCT18_1	0.1417	201.84	01Jan2006, 12:00	11.77
WCT18_2	0.0941	111.34	01Jan2006, 12:07	8.71
WCT18_3	0.0897	87.34	01Jan2006, 12:04	5.83
WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
WCT19_1	0.153	83.95	01Jan2006, 12:08	6.97
WCT19_2	0.1616	179.18	01Jan2006, 12:05	12.78
WCT19_Thistledown	0.1616	169.27	01Jan2006, 12:08	12.78
WCT1_1	0.2815	113.29	01Jan2006, 12:20	13.81
WCT1_2	0.0371	33.33	01Jan2006, 12:05	2.42
WCT1_3	0.0866	34.04	01Jan2006, 12:14	3.61
WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
WCT20_1	0.0052	2.91	01Jan2006, 12:03	0.19
WCT20_2	0.0576	60.69	01Jan2006, 12:07	4.79
WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
WCT21_1	0.0178	2.05	01Jan2006, 12:07	0.26
WCT21_2	0.0524	50.62	01Jan2006, 12:04	3.42
WCT21_3	0.1657	144.14	01Jan2006, 12:07	11.19
WCT21_I40	0.1657	101.42	01Jan2006, 12:15	11.18
WCT22_1	0.0664	53.93	01Jan2006, 12:10	4.73
WCT22_2	0.1772	120.26	01Jan2006, 12:18	13.73
WCT22_3	0.1443	189.84	01Jan2006, 12:11	19.03
WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
WCT22_I40_US	0.347	323.2	01Jan2006, 12:21	42.64
WCT22_I440_DS	0.5905	433.13	01Jan2006, 12:42	60.84
WCT23_1	0.003	4.98	01Jan2006, 12:01	0.3
WCT23_2	0.0392	46.44	01Jan2006, 12:05	3.28
WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
WCT24_1	0.0164	18.36	01Jan2006, 12:04	1.24
WCT24_2	0.1228	61.97	01Jan2006, 12:13	6.14
WCT24_3	0.2513	128.84	01Jan2006, 12:17	14.39
WCT24_4	0.1057	75.55	01Jan2006, 12:05	5.37
WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
WCT25_1	0.0057	6.51	01Jan2006, 12:04	0.44
WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
WCT26_1	0.0147	18.69	01Jan2006, 12:07	1.5
WCT26_2	0.1115	110.38	01Jan2006, 12:10	9.89
WCT26_3	0.1835	73.27	01Jan2006, 12:14	7.7
WCT26_I40	0.2949	90.03	01Jan2006, 12:37	16.51
WCT26_WesternBlvd	0.1835	68.63	01Jan2006, 12:18	7.68
WCT2_1	0.145	31.6	01Jan2006, 12:20	4.35
WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
WCT3_1	0.1274	40.66	01Jan2006, 12:15	4.66
WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
WCT4_1	0.0808	10.5	01Jan2006, 12:18	1.65
WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
WCT5_1	0.1833	162.28	01Jan2006, 12:09	13.59
WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
WCT6_1	0.2012	97.45	01Jan2006, 12:14	10.01

WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
WCT7_1	0.101	56.98	01Jan2006, 12:09	4.98
WCT7_2	0.0666	37.73	01Jan2006, 12:10	3.45
WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
WCT8A_1	0.1221	70.72	01Jan2006, 12:18	8.09
WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
WCT8_1	0.1826	218.42	01Jan2006, 12:15	24.47
WCT8_2	0.1885	137.87	01Jan2006, 12:10	12.21
WCT8_3	0.1646	98.94	01Jan2006, 12:15	10.32
WCT8_4	0.2099	82.85	01Jan2006, 12:24	11.11
WCT8_5	0.2454	109.69	01Jan2006, 12:13	11.14
WCT8_6	0.1614	28.41	01Jan2006, 12:24	4.46
WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
WCT8_I40	1.394	392.25	01Jan2006, 12:48	71.12
WCT9_1	0.0231	16.68	01Jan2006, 12:02	1.06
WCT9_2	0.0772	75.55	01Jan2006, 12:04	5.07
WCT9_3	0.1468	102.15	01Jan2006, 12:09	8.67
WCT9_4	0.0492	35.9	01Jan2006, 12:08	2.89
WCT9_5	0.171	103.98	01Jan2006, 12:15	10.88
WCT9_6	0.155	115	01Jan2006, 12:08	9.5
WCT9_MLK	0.522	293.43	01Jan2006, 12:22	31.8
WCT9_PooleRd	0.155	114.91	01Jan2006, 12:09	9.49
WC_1	0.6191	223.28	01Jan2006, 12:26	31.33
WC_10	0.3731	133.83	01Jan2006, 12:26	18.77
WC_11	0.5628	383.06	01Jan2006, 12:14	38.3
WC_12	0.008	6.64	01Jan2006, 12:03	0.43
WC_13	0.1335	91.35	01Jan2006, 12:10	8.05
WC_14	0.0276	21.11	01Jan2006, 12:04	1.48
WC_15	0.0282	49.45	01Jan2006, 12:03	3.51
WC_16	0.1376	174.07	01Jan2006, 12:12	17.32
WC_17	0.115	144.08	01Jan2006, 12:11	13.98
WC_18	0.1116	57.01	01Jan2006, 12:14	5.81
WC_19	0.3417	259.68	01Jan2006, 12:13	25.41
WC_2	0.1517	52.22	01Jan2006, 12:18	6.35
WC_20	0.0332	56.72	01Jan2006, 12:01	3.45
WC_21	0.076	40.33	01Jan2006, 12:17	4.52
WC_22	0.0499	76.67	01Jan2006, 12:03	5.15
WC_23	0.5254	330.16	01Jan2006, 12:21	40.5
WC_24	0.0575	73.83	01Jan2006, 12:07	5.8
WC_25	0.3527	350.47	01Jan2006, 12:08	28.12
WC_26	0.0221	40.9	01Jan2006, 12:02	2.74
WC_27	0.0287	49.44	01Jan2006, 12:04	3.68
WC_28	0.4701	538.17	01Jan2006, 12:10	47.81
WC_29	0.2428	118.06	01Jan2006, 12:18	13.47
WC_3	0.1596	75.3	01Jan2006, 12:15	8.02
WC_30	0.0864	66.64	01Jan2006, 12:05	4.82
WC_31	0.0093	6.26	01Jan2006, 12:05	0.45
WC_32	0.1026	57.37	01Jan2006, 12:09	4.97
WC_33	1.5394	672.22	01Jan2006, 12:20	81.17
WC_34	0.0766	104.45	01Jan2006, 12:03	6.94

WC_35	0.019	27.89	01Jan2006, 12:04	1.94
WC_36	0.2917	242.4	01Jan2006, 12:15	25.58
WC_37	0.055	42.81	01Jan2006, 12:04	2.92
WC_38	0.6557	324.64	01Jan2006, 12:30	47.51
WC_39	0.0947	80.24	01Jan2006, 12:06	5.87
WC_4	0.5381	155.76	01Jan2006, 12:16	18.55
WC_40	0.0823	43.16	01Jan2006, 12:12	4.19
WC_41	0.5422	531.78	01Jan2006, 12:17	61.13
WC_42	0.5619	252.82	01Jan2006, 12:30	37.04
WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
WC_5	0.5983	85.55	01Jan2006, 12:36	16.45
WC_6	0.0706	35.73	01Jan2006, 12:10	3.23
WC_7	0.2568	190.07	01Jan2006, 12:13	18.54
WC_8	0.0099	5.38	01Jan2006, 12:06	0.41
WC_9	0.2186	90.04	01Jan2006, 12:25	12.21
Watson Generic Reservoir	0.1687	75.27	01Jan2006, 12:20	9.2
White Oak Lake	0.5201	115.78	01Jan2006, 12:57	30.55
WildBT1_1	0.0362	36.04	01Jan2006, 12:06	2.67
WildBT1_2	0.1749	101.85	01Jan2006, 12:10	9.06
WildBT1_3	0.1834	152.24	01Jan2006, 12:13	14.74
WildBT1_4	0.0339	60.26	01Jan2006, 12:01	3.89
WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
WildBT2_1	0.0239	12.54	01Jan2006, 12:11	1.16
WildBT2_2	0.1578	35.55	01Jan2006, 12:14	4.29
WildBTrb1_Tryon_And_Chapanoke	0.2021	188.25	01Jan2006, 12:16	18.65
WildB_1	0.1177	150.1	01Jan2006, 12:07	12.13
WildB_2	0.1698	199.2	01Jan2006, 12:12	20.03
WildB_3	0.2929	166.55	01Jan2006, 12:22	20.87
WildB_4	0.1163	99.57	01Jan2006, 12:16	10.87
WildB_5	0.0353	12.61	01Jan2006, 12:08	1.14
WildB_6	0.0548	22.51	01Jan2006, 12:11	2.18
WildB_7	0.3393	129.63	01Jan2006, 12:27	18.33
WildB_8	0.0248	19.55	01Jan2006, 12:01	1.15
WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98
WildBrnchT2_RRXsing	0.1578	35.13	01Jan2006, 12:16	4.29
WildcatBranch_I40Xsing	1.9683	458.87	01Jan2006, 13:16	131.74
WildcatBranch_RRXsing	1.7985	435.22	01Jan2006, 13:12	111.91
WtsnB_1	0.1177	99.56	01Jan2006, 12:10	8.81
WtsnB_2	0.0956	109.61	01Jan2006, 12:03	7.1
WtsnB_3	0.0154	14.1	01Jan2006, 12:00	0.79
WtsnB_4	0.1534	72.86	01Jan2006, 12:18	8.41

GLOBAL SUMMARY
Post No Detention 2-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.053	2520.6	01Jan2006, 23:13	1686.96
72_CarolinaPines_WCT13	0.5049	98.84	01Jan2006, 12:59	32.76
AreaA	0.0567	44.83	01Jan2006, 12:14	4.51
AreaB1	0.019	4.41	01Jan2006, 12:07	0.46
AreaB2	0.059	25.75	01Jan2006, 12:10	2.51
AreaC1	0.0168	33.97	01Jan2006, 12:06	3.01
AreaC2	0.0823	120.93	01Jan2006, 12:11	11.51
Avent Ferry Dr	1.1695	424.11	01Jan2006, 12:20	101.7
BBT1_1	0.5004	181.61	01Jan2006, 12:44	33.84
BBT1_2	0.272	174.44	01Jan2006, 12:15	18.36
BBT1_3	3.9284	845.11	01Jan2006, 13:07	209.77
BBT2_1	0.2378	87.71	01Jan2006, 12:39	15.35
BBT2_2	0.1003	47.85	01Jan2006, 12:20	5.87
BBT2_3	0.0099	10.75	01Jan2006, 12:01	0.63
BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
BBT3A_1	0.0277	4.84	01Jan2006, 12:21	0.78
BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
BBT3_1	0.2625	103.23	01Jan2006, 12:31	15.93
BBT3_2	0.2544	112.34	01Jan2006, 12:30	16.72
BBT3_3	0.1488	44.92	01Jan2006, 12:23	6.41
BBT3_4	0.1146	60.19	01Jan2006, 12:12	5.95
BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
BBT4A_1	0.0355	15.31	01Jan2006, 12:10	1.5
BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
BBT4_1	0.2036	68.8	01Jan2006, 12:19	8.94
BBT4_2	0.3116	68.84	01Jan2006, 12:33	12.15
BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
BBT5_1	0.1414	50.2	01Jan2006, 12:09	5.03
BBT5_2	0.1343	24.55	01Jan2006, 12:27	4.22
BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
BB_1	0.3673	107.99	01Jan2006, 12:45	20.8
BB_2	0.4078	146.8	01Jan2006, 12:35	24.43
BB_3	0.1114	106.63	01Jan2006, 12:12	10.08
BB_4	0.2583	95.06	01Jan2006, 12:17	11.5
BB_5	0.2954	94.18	01Jan2006, 12:20	12.58
BB_6	0.006	3.86	01Jan2006, 12:05	0.29
BB_7	1.233	259.13	01Jan2006, 12:48	54.73
BigBranchTrib1_I40Xsing	3.9284	664.66	01Jan2006, 13:38	204.12
BigBranchTrib3_I40Xsing	0.9359	431.77	01Jan2006, 12:43	54.72
BigBrnch_AuburnChurchRd_US	1.233	258.96	01Jan2006, 12:49	54.58
BushBT1_1	0.0988	85.66	01Jan2006, 12:09	7.32
BushBT1_2	0.1312	207.09	01Jan2006, 12:04	14.43
BushB_1	0.2184	233.36	01Jan2006, 12:15	24.13
BushB_2	0.1747	143.46	01Jan2006, 12:13	14.03
BushB_3	0.177	170.59	01Jan2006, 12:11	15.42
BushB_4	0.1027	118.48	01Jan2006, 12:07	9.27
Bushy Branch Generic Reservoir	0.972	1049.92	01Jan2006, 12:24	103.99
CBT1_1	0.0096	8.85	01Jan2006, 12:00	0.5

CBT1_2	0.0184	28.14	01Jan2006, 12:00	1.57
CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
CB_1	0.0436	65.05	01Jan2006, 12:03	4.26
CB_2	0.0701	99.31	01Jan2006, 12:01	5.82
CB_3	0.1607	139.95	01Jan2006, 12:14	14.28
CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
Cary Towne Blvd	1.4288	938.65	01Jan2006, 12:25	164.69
DortheaDixFarmPnd_WCT16	0.2939	151.97	01Jan2006, 12:18	14.52
GB_1	0.2347	244.52	01Jan2006, 12:13	24.04
GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
GatlingBranch_I40Xsing	0.401	349.56	01Jan2006, 12:21	37.4
I-440 Beltline	0.5468	195.14	01Jan2006, 12:56	48.3
J_BBT1_1	5.8992	1053.95	01Jan2006, 13:23	322.48
J_BBT1_1_BB_2	11.6903	2167.96	01Jan2006, 13:23	608.47
J_BBT1_2	4.2004	684.22	01Jan2006, 13:50	221.38
J_BBT1_3	3.9284	664.66	01Jan2006, 13:38	204.12
J_BBT2_1	0.508	247.19	01Jan2006, 12:35	32.06
J_BBT2_1_BB_3	5.3834	1060.32	01Jan2006, 13:06	263.98
J_BBT2_2	0.2702	165.33	01Jan2006, 12:18	16.82
J_BBT2_3	0.1698	117.68	01Jan2006, 12:12	10.97
J_BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
J_BBT3A_1	0.2329	98.16	01Jan2006, 12:22	11.49
J_BBT3A_1_BBT3_3	0.6816	348.69	01Jan2006, 12:26	38.21
J_BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
J_BBT3_1	1.1985	506.43	01Jan2006, 12:51	70.45
J_BBT3_1_BBT1_2	5.3988	949.46	01Jan2006, 12:58	291.83
J_BBT3_2	0.9359	431.77	01Jan2006, 12:43	54.72
J_BBT3_3	0.4486	254.57	01Jan2006, 12:27	26.73
J_BBT3_4	0.2998	210.64	01Jan2006, 12:17	20.39
J_BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
J_BBT4A_1	0.239	129.87	01Jan2006, 12:12	11.77
J_BBT4A_1_BBT4_2	0.7267	188.13	01Jan2006, 12:28	29.74
J_BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
J_BBT4_1	0.9302	231.33	01Jan2006, 12:28	38.49
J_BBT4_2	0.4876	129.27	01Jan2006, 12:31	17.96
J_BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
J_BBT5_1	0.8798	197.21	01Jan2006, 12:54	41.84
J_BBT5_1_BB_7	2.1128	454.67	01Jan2006, 12:51	96.42
J_BBT5_2	0.7384	187	01Jan2006, 12:47	36.94
J_BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
J_BB_1	12.0576	2217.7	01Jan2006, 13:38	625.23
J_BB_1_WC_5	43.4311	2936.57	01Jan2006, 13:38	2210.6
J_BB_2	5.7911	1120.18	01Jan2006, 13:11	285.98
J_BB_3	4.8754	953.32	01Jan2006, 13:09	231.92
J_BB_4	3.6026	633.68	01Jan2006, 13:14	157.45
J_BB_5	2.4141	483.4	01Jan2006, 13:07	108.54
J_BB_5_BBT4_1	3.3443	612.88	01Jan2006, 12:59	147.03
J_BB_6	2.1187	455.16	01Jan2006, 12:54	96.58
J_BB_7	1.233	258.96	01Jan2006, 12:49	54.58
J_BushBT1_1	0.3765	389.37	01Jan2006, 12:22	41.4

J_BushBT1_1_BushB_2	1.7003	1340.15	01Jan2006, 12:42	174.12
J_BushBT1_2	0.2777	340.41	01Jan2006, 12:08	34.21
J_BushBT1_3	0.1465	199.03	01Jan2006, 12:13	19.8
J_BushBT2_1	0.1979	174.04	01Jan2006, 12:08	15.24
J_BushBT2_2	0.1777	149.4	01Jan2006, 12:10	13.11
J_BushBT2_T4_T5	0.8692	1191.23	01Jan2006, 12:13	95.1
J_BushBT3_1	0.2231	386.01	01Jan2006, 12:07	26.12
J_BushBT3_1_BushBT4_2	0.4202	690.23	01Jan2006, 12:05	48.06
J_BushBT3_2	0.1883	357.13	01Jan2006, 12:03	23.99
J_BushBT4_1	0.4765	750.04	01Jan2006, 12:14	57.12
J_BushBT4_2	0.1972	317.44	01Jan2006, 12:04	21.93
J_BushBT4_3	0.1642	296.12	01Jan2006, 12:03	20.22
J_BushBT5_1	0.1949	286.11	01Jan2006, 12:12	22.74
J_BushBT5_2	0.1609	233.51	01Jan2006, 12:06	17.97
J_BushB_1	1.9187	1408.4	01Jan2006, 12:50	197.83
J_BushB_2	1.3238	1136.46	01Jan2006, 12:45	132.72
J_BushB_3	1.149	1094.18	01Jan2006, 12:33	119.14
J_BushB_4	0.972	1032.06	01Jan2006, 12:28	103.89
J_CBT1_1	0.1972	250.7	01Jan2006, 12:14	21.3
J_CBT1_1_CB_3	0.5256	560.45	01Jan2006, 12:14	51.26
J_CBT1_2	0.1876	248.87	01Jan2006, 12:10	20.83
J_CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
J_CB_1	0.6393	591.38	01Jan2006, 12:27	61.12
J_CB_2	0.5958	578.73	01Jan2006, 12:21	56.96
J_CB_3	0.3284	310.62	01Jan2006, 12:15	29.95
J_CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
J_CryTwnBlvdRes_WC_42	1.9907	1308.38	01Jan2006, 12:27	218.48
J_GB_1	0.401	349.56	01Jan2006, 12:21	37.4
J_GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
J_PBT1_1	0.1747	27.46	01Jan2006, 12:23	4.56
J_PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
J_PB_1	1.1613	359.09	01Jan2006, 12:50	65.09
J_PB_1_BB_4	4.7639	937.8	01Jan2006, 13:02	222.54
J_PB_2	0.9862	319.8	01Jan2006, 12:43	54.48
J_PB_3	0.6575	270.67	01Jan2006, 12:38	43.32
J_PB_3_PBT1_1	0.8323	291.43	01Jan2006, 12:36	47.87
J_PB_4	0.2727	104.66	01Jan2006, 12:23	14.78
J_RBT1_1	0.2582	477.29	01Jan2006, 12:11	33.85
J_RBT1_1_RB_7	2.3635	1166.35	01Jan2006, 12:33	235.27
J_RBT1_2	0.2113	441.95	01Jan2006, 12:03	28.79
J_RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
J_RB_1	3.146	1220.67	01Jan2006, 13:05	326.59
J_RB_10	1.4554	863	01Jan2006, 12:43	147.36
J_RB_11	1.1918	813.42	01Jan2006, 12:34	121.41
J_RB_12	0.9269	717.42	01Jan2006, 12:28	92.54
J_RB_13	0.6298	460.94	01Jan2006, 12:24	57.91
J_RB_14	0.5006	416.67	01Jan2006, 12:17	48.62
J_RB_15	0.3472	295.29	01Jan2006, 12:07	34.2
J_RB_16	0.2576	181.53	01Jan2006, 12:07	25.42
J_RB_17	0.1645	192.68	01Jan2006, 12:06	14.17

J_RB_1_WC_21	20.4442	2941.26	01Jan2006, 12:59	1452.47
J_RB_2	3.0953	1212.61	01Jan2006, 13:02	319
J_RB_3	2.9041	1303.08	01Jan2006, 12:47	302.55
J_RB_4	2.7305	1261.18	01Jan2006, 12:43	280.47
J_RB_5	2.5176	1176.79	01Jan2006, 12:43	251.01
J_RB_6	2.4713	1171.86	01Jan2006, 12:37	248.93
J_RB_7	2.1053	987.89	01Jan2006, 12:34	201.76
J_RB_8	1.9409	953.81	01Jan2006, 12:21	191.5
J_RB_9	1.7677	905.18	01Jan2006, 12:54	167.34
J_SB_1	1.2176	440.78	01Jan2006, 12:22	107.56
J_SB_1_WC_30	8.9555	1136.03	01Jan2006, 12:22	671.49
J_SB_2	1.1695	424.12	01Jan2006, 12:20	101.7
J_SB_3	1.0274	364.62	01Jan2006, 12:22	89.91
J_SB_4	0.7737	285.69	01Jan2006, 12:44	68.48
J_SB_5	0.5468	197.02	01Jan2006, 12:51	48.35
J_SB_6	0.5201	385.38	01Jan2006, 12:20	49.71
J_SB_7	0.417	317.42	01Jan2006, 12:23	40.54
J_SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
J_WC37_WCT25_1	3.3506	1346.2	01Jan2006, 13:13	343.42
J_WCT10_1	0.3311	258.09	01Jan2006, 12:25	33.14
J_WCT10_2	0.2318	172.08	01Jan2006, 12:21	20.98
J_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
J_WCT11_1_WC_19	23.3542	3514.96	01Jan2006, 13:23	1683.05
J_WCT11_2	0.342	173.4	01Jan2006, 12:20	21.23
J_WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
J_WCT12A_1	0.2874	262.29	01Jan2006, 12:20	28.28
J_WCT12A_1_WCT12_4	0.8089	328.24	01Jan2006, 12:20	67.88
J_WCT12A_2	0.2173	217.43	01Jan2006, 12:12	19.42
J_WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
J_WCT12B_1	0.0844	96.58	01Jan2006, 12:08	7.22
J_WCT12_1	1.1374	372.98	01Jan2006, 12:38	105.42
J_WCT12_1_WC_22	17.14	1737.07	01Jan2006, 12:42	1117.41
J_WCT12_2	0.9312	304.99	01Jan2006, 12:41	75.46
J_WCT12_3	0.8193	332.09	01Jan2006, 12:23	68.88
J_WCT12_4	0.5215	151.32	01Jan2006, 13:06	39.6
J_WCT12_5_1_WCT12B_1	0.2754	118.62	01Jan2006, 12:43	22.54
J_WCT12_5_2	0.4333	141.73	01Jan2006, 12:59	32.7
J_WCT12_6	0.191	106.14	01Jan2006, 12:28	15.88
J_WCT13_1	0.6855	150.82	01Jan2006, 12:23	49.87
J_WCT13_1_WC_23	15.9359	1446.62	01Jan2006, 12:29	1008.34
J_WCT13_2	0.5049	98.84	01Jan2006, 12:59	32.76
J_WCT13_3	0.4078	270.92	01Jan2006, 12:20	27.34
J_WCT13_4	0.2575	185.37	01Jan2006, 12:11	17.6
J_WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
J_WCT14_1	0.3417	314.26	01Jan2006, 12:17	28.41
J_WCT14_1_WC_24	14.6682	1222.79	01Jan2006, 12:18	918.22
J_WCT14_2	0.2542	231.43	01Jan2006, 12:09	19.09
J_WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
J_WCT15_1	0.3746	338.58	01Jan2006, 12:08	41.79
J_WCT15_1_WC_25	14.269	1081.34	01Jan2006, 17:29	892.37

J_WCT15_2	0.2481	207.66	01Jan2006, 12:17	22.42
J_WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
J_WCT16_1	0.305	154.11	01Jan2006, 12:21	15.13
J_WCT16_1_WC_26	13.5417	1067.33	01Jan2006, 16:46	812.81
J_WCT16_2	0.2939	151.97	01Jan2006, 12:18	14.52
J_WCT16_3	0.2106	154.47	01Jan2006, 12:10	11.19
J_WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
J_WCT17_1	1.0661	463.04	01Jan2006, 12:47	67.25
J_WCT17_1_WC_27	13.2146	1060.79	01Jan2006, 16:27	796.06
J_WCT17_2	0.7076	402.03	01Jan2006, 12:26	54.14
J_WCT17_3	0.6196	389.7	01Jan2006, 12:18	46.72
J_WCT17_4	0.4336	291.35	01Jan2006, 12:27	33.96
J_WCT17_5	0.2541	210.2	01Jan2006, 12:27	19.68
J_WCT17_6	0.2078	213.72	01Jan2006, 12:16	16.26
J_WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
J_WCT18_1	0.5326	487.37	01Jan2006, 12:27	61.61
J_WCT18_2	0.3909	534.93	01Jan2006, 12:14	45.49
J_WCT18_3	0.2968	423.47	01Jan2006, 12:07	33.65
J_WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
J_WCT19_1	0.3147	303.73	01Jan2006, 12:13	28.77
J_WCT19_2	0.1616	213.74	01Jan2006, 12:10	17.99
J_WCT1_1	0.5662	327.37	01Jan2006, 12:28	40.83
J_WCT1_1_WC_2	45.4339	2560.69	01Jan2006, 22:09	1878.88
J_WCT1_2	0.2847	176.88	01Jan2006, 12:22	19.74
J_WCT1_3	0.2476	160.45	01Jan2006, 12:16	16.26
J_WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
J_WCT20_1	0.2318	374.78	01Jan2006, 12:15	30.18
J_WCT20_1_WC_32	7.3276	827.16	01Jan2006, 14:51	532.95
J_WCT20_2	0.2266	373.16	01Jan2006, 12:13	29.88
J_WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
J_WCT21_1	0.2359	175.57	01Jan2006, 12:08	21.65
J_WCT21_2	0.2181	170.07	01Jan2006, 12:05	21.15
J_WCT21_3	0.1657	112.25	01Jan2006, 12:19	16.19
J_WCT22_1	0.5905	503.39	01Jan2006, 12:45	81.24
J_WCT22_1_WC_34	5.2179	2093.65	01Jan2006, 12:49	546.81
J_WCT22_2	0.5242	511.43	01Jan2006, 12:25	74.67
J_WCT22_3	0.347	365.42	01Jan2006, 12:23	55.39
J_WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
J_WCT23_1	0.2075	208.52	01Jan2006, 12:18	19.52
J_WCT23_2	0.2045	207.14	01Jan2006, 12:15	19.13
J_WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
J_WCT24_1	0.682	449.86	01Jan2006, 12:40	57.89
J_WCT24_1_WC_36	4.3244	1594.34	01Jan2006, 12:38	436.06
J_WCT24_2	0.6657	446.62	01Jan2006, 12:37	56.18
J_WCT24_3	0.5429	409.72	01Jan2006, 12:23	47.03
J_WCT24_4	0.2916	256.5	01Jan2006, 12:16	25.7
J_WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
J_WCT25_1	0.1626	164.83	01Jan2006, 12:11	14.05
J_WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
J_WCT26_1	0.3096	150.67	01Jan2006, 12:40	26.5

J_WCT26_1_WC_40	2.3827	1393.6	01Jan2006, 12:41	250.1
J_WCT26_2	0.2949	146.13	01Jan2006, 12:36	24.52
J_WCT26_3	0.1835	105.45	01Jan2006, 12:20	12.13
J_WCT2_1	0.3015	120.69	01Jan2006, 12:20	14.09
J_WCT2_1_WC_3	44.716	2567.18	01Jan2006, 21:32	1953.26
J_WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
J_WCT3_1	0.2856	102.53	01Jan2006, 12:21	14.67
J_WCT3_1_WC_4	44.2548	2582.33	01Jan2006, 20:54	2047.55
J_WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
J_WCT4_1	0.2291	100.22	01Jan2006, 12:21	10.38
J_WCT4_1_WC_6	30.7752	2365.6	01Jan2006, 19:26	1645.61
J_WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
J_WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
J_WCT5_1_1	0.4649	319.18	01Jan2006, 12:31	44.96
J_WCT5_1_1_WC_7	30.4756	2410.6	01Jan2006, 18:37	1728.99
J_WCT5_1_2_WCT5A_1	0.2816	247.84	01Jan2006, 12:20	25.74
J_WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
J_WCT6_1	0.3532	284.39	01Jan2006, 12:15	26.81
J_WCT6_1_WC_8	29.7539	2414.72	01Jan2006, 18:12	1705.45
J_WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
J_WCT7_1	0.3685	241.56	01Jan2006, 12:24	29.84
J_WCT7_1_WC_12	28.2364	2692.77	01Jan2006, 16:08	1878.59
J_WCT7_2	0.2674	200.98	01Jan2006, 12:17	22.29
J_WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
J_WCT8A_1	0.272	228.73	01Jan2006, 12:19	23.96
J_WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
J_WCT8_1	1.5766	670.21	01Jan2006, 12:59	138.54
J_WCT8_1_WC_13	27.8599	2685.02	01Jan2006, 15:58	1868.86
J_WCT8_2	1.394	614.5	01Jan2006, 12:48	107.74
J_WCT8_3	1.2056	595.39	01Jan2006, 12:32	90.45
J_WCT8_4	0.769	313.54	01Jan2006, 12:30	51.58
J_WCT8_4_WCT8A_1	1.041	511.81	01Jan2006, 12:25	75.54
J_WCT8_5	0.5591	216.85	01Jan2006, 12:35	35.03
J_WCT8_6	0.3137	147.13	01Jan2006, 12:28	17.78
J_WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
J_WCT9_1	0.6223	455	01Jan2006, 12:37	55.65
J_WCT9_1_WC_14	26.1498	2659.42	01Jan2006, 15:29	1780.56
J_WCT9_2	0.5992	451.79	01Jan2006, 12:33	54.08
J_WCT9_3	0.522	434.09	01Jan2006, 12:23	46.86
J_WCT9_4	0.3752	355.18	01Jan2006, 12:18	34.11
J_WCT9_5	0.326	321.91	01Jan2006, 12:13	29.88
J_WCT9_6	0.155	170.5	01Jan2006, 12:09	13.98
J_WC_10_WC_9	29.3908	2410.91	01Jan2006, 18:00	1722.97
J_WC_11	28.7992	2559.53	01Jan2006, 16:58	1824.32
J_WC_12	27.8679	2676.78	01Jan2006, 16:09	1848.75
J_WC_13	26.2833	2604.12	01Jan2006, 16:00	1730.32
J_WC_14	25.5275	2625.4	01Jan2006, 15:30	1724.91
J_WC_15	25.1689	2605.62	01Jan2006, 15:27	1693.36
J_WC_15_WCT10_1	25.5	2624.93	01Jan2006, 15:27	1726.5
J_WC_16	25.1407	2604.53	01Jan2006, 15:24	1693.22

J_WC_17	24.6021	2675.18	01Jan2006, 14:52	1659.92
J_WC_17_GB_1	25.0031	2699.7	01Jan2006, 14:52	1697.32
J_WC_18	23.4658	3012.6	01Jan2006, 14:06	1630.87
J_WC_19	22.9052	3453.43	01Jan2006, 13:25	1650.51
J_WC_2	44.8677	2549.31	01Jan2006, 22:09	1838.05
J_WC_20	20.4775	2826.98	01Jan2006, 13:19	1438.98
J_WC_21	17.2983	1738.68	01Jan2006, 12:52	1125.88
J_WC_22	16.0026	1364.73	01Jan2006, 12:42	1012
J_WC_23	15.2503	1300.28	01Jan2006, 12:30	958.47
J_WC_24	14.3265	1082.59	01Jan2006, 17:42	889.81
J_WC_25	13.8944	1066.5	01Jan2006, 17:31	850.58
J_WC_26	13.2367	1058.75	01Jan2006, 16:47	797.67
J_WC_27	12.1485	1022.47	01Jan2006, 16:36	728.81
J_WC_28_WCT18_1	12.1198	2796.48	01Jan2006, 12:30	1004.96
J_WC_29	9.1984	959.8	01Jan2006, 12:34	681.19
J_WC_29_BushB_1	11.1171	2292.18	01Jan2006, 12:48	879.03
J_WC_3	44.4144	2562.35	01Jan2006, 21:32	1939.17
J_WC_30	7.738	848.1	01Jan2006, 15:02	563.94
J_WC_31	7.3369	827.39	01Jan2006, 14:54	532.87
J_WC_31_WCT19_1	7.6516	845.57	01Jan2006, 14:53	561.64
J_WC_32	7.0958	810.67	01Jan2006, 14:52	502.77
J_WC_33_WCT21_1	6.9932	2850.96	01Jan2006, 12:31	691.2
J_WC_34	4.6274	1592.94	01Jan2006, 12:50	465.58
J_WC_35	4.3433	1594.3	01Jan2006, 12:40	438.4
J_WC_35_WCT23_1	4.5508	1672.13	01Jan2006, 12:39	457.92
J_WC_36	3.6423	1343.28	01Jan2006, 13:39	378.17
J_WC_37	3.188	1327.67	01Jan2006, 13:14	329.37
J_WC_38	3.133	1345.45	01Jan2006, 13:05	325
J_WC_39	2.4774	1341.98	01Jan2006, 12:54	257.55
J_WC_4	43.9692	2577.38	01Jan2006, 20:54	2032.88
J_WC_40	2.073	1243.11	01Jan2006, 12:41	223.6
J_WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
J_WC_5	31.3735	2359.76	01Jan2006, 20:03	1585.37
J_WC_6	30.5461	2361.19	01Jan2006, 19:26	1635.23
J_WC_7	30.0107	2395.09	01Jan2006, 18:38	1684.02
J_WC_8	29.4007	2403.95	01Jan2006, 18:12	1678.64
J_WildBT1_1	0.5965	541.73	01Jan2006, 12:21	63.57
J_WildBT1_1_WildB_5	1.3893	857.58	01Jan2006, 12:26	119.3
J_WildBT1_2	0.5604	521.2	01Jan2006, 12:18	59.83
J_WildBT1_3	0.3855	404.28	01Jan2006, 12:15	46.14
J_WildBT1_4	0.2021	210.4	01Jan2006, 12:20	25.51
J_WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
J_WildBT2_1	0.1817	81.37	01Jan2006, 12:20	9.13
J_WildBT2_1_WildB_6	0.7574	402.44	01Jan2006, 12:31	53.95
J_WildBT2_2	0.1578	67.98	01Jan2006, 12:16	7.38
J_WildB_1	2.086	595.63	01Jan2006, 13:24	205.11
J_WildB_1_WC_20	22.5635	3421.94	01Jan2006, 13:20	1644.09
J_WildB_2	1.9683	580.7	01Jan2006, 13:23	188.94
J_WildB_3	1.7985	554.01	01Jan2006, 13:19	162.97
J_WildB_4	1.5056	939.94	01Jan2006, 12:33	133.76

J_WildB_5	0.7927	407.99	01Jan2006, 12:37	55.74
J_WildB_6	0.5757	341.72	01Jan2006, 12:33	44.82
J_WildB_7	0.5209	327.18	01Jan2006, 12:25	41.46
J_WildB_8	0.1817	125.81	01Jan2006, 12:19	13.9
J_WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15
J_WtsnB_1	1.0213	769.69	01Jan2006, 12:42	97.13
J_WtsnB_1_WC_18	24.4871	3108.37	01Jan2006, 14:04	1727.99
J_WtsnB_2	0.2643	208.69	01Jan2006, 12:04	23.92
J_WtsnB_2_CB_1	0.9036	734.94	01Jan2006, 12:27	85.04
J_WtsnB_3	0.1687	116.4	01Jan2006, 12:19	13.83
J_WtsnB_4	0.1534	112.72	01Jan2006, 12:18	12.63
Lake Raleigh	12.1198	1022.02	01Jan2006, 16:25	774.39
Lake_Johnson	6.9932	805.8	01Jan2006, 14:47	512.83
PBT1_1	0.0066	2.31	01Jan2006, 12:07	0.21
PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
PB_1	0.1751	85.58	01Jan2006, 12:21	10.83
PB_2	0.154	50.34	01Jan2006, 12:21	6.76
PB_3	0.3848	205.93	01Jan2006, 12:27	28.69
PB_4_1	0.1089	49.32	01Jan2006, 12:18	5.92
PB_4_2	0.1638	59.78	01Jan2006, 12:28	8.86
Pineview Dr	0.7737	276.28	01Jan2006, 12:54	68.48
PoplarBranch_I40	0.1638	59.76	01Jan2006, 12:28	8.86
Priv_1001_UnderwoodPond_WCT8	0.3137	147.13	01Jan2006, 12:28	17.78
Private15_Ileagnes_WCT12	0.4333	141.73	01Jan2006, 12:59	32.7
Private23_GolfCourseC_WCT12	0.1614	101.16	01Jan2006, 12:28	13.77
Private36_GolfCourseA_WCT12B	0.0844	96.58	01Jan2006, 12:08	7.22
RBT1_1	0.0469	84.33	01Jan2006, 12:01	5.13
RBT1_2	0.0428	105.52	01Jan2006, 11:58	5.86
RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
RB_1	0.0507	102.1	01Jan2006, 12:05	7.88
RB_10	0.2635	364.61	01Jan2006, 12:05	26.31
RB_11	0.265	351.59	01Jan2006, 12:08	29.1
RB_12	0.2971	297.05	01Jan2006, 12:19	34.74
RB_13	0.1292	121.94	01Jan2006, 12:07	9.41
RB_14	0.1534	167.33	01Jan2006, 12:10	14.55
RB_15	0.0896	126.03	01Jan2006, 12:04	8.81
RB_16	0.0931	155.49	01Jan2006, 12:05	11.45
RB_17	0.1645	192.68	01Jan2006, 12:06	14.17
RB_2	0.1911	185.23	01Jan2006, 12:13	18.03
RB_3	0.1736	273.07	01Jan2006, 12:08	22.5
RB_4	0.2129	306.24	01Jan2006, 12:12	29.54
RB_5	0.0463	36.5	01Jan2006, 12:04	2.54
RB_6	0.1078	207.74	01Jan2006, 12:03	13.94
RB_7	0.1644	141.27	01Jan2006, 12:07	11.09
RB_8	0.1732	287.12	01Jan2006, 12:08	24.31
RB_9	0.3123	224.83	01Jan2006, 12:11	20.52
R_BBT1_1	5.3988	949.46	01Jan2006, 13:23	288.64
R_BBT1_2	3.9284	664.66	01Jan2006, 13:50	203.02
R_BBT2_1_1	0.2702	161.12	01Jan2006, 12:34	16.71
R_BBT2_1_2	0.2702	161.12	01Jan2006, 12:23	16.79

R_BBT2_2	0.1698	117.68	01Jan2006, 12:18	10.95
R_BBT2_3	0.16	114.4	01Jan2006, 12:12	10.34
R_BBT3A_1	0.2052	93.33	01Jan2006, 12:22	10.71
R_BBT3_1	0.9359	431.77	01Jan2006, 12:52	54.52
R_BBT3_2	0.6816	348.69	01Jan2006, 12:39	38.02
R_BBT3_3	0.2998	210.64	01Jan2006, 12:27	20.32
R_BBT3_4	0.1852	158.65	01Jan2006, 12:19	14.44
R_BBT4A_1	0.2035	114.78	01Jan2006, 12:12	10.27
R_BBT4_1	0.7267	188.13	01Jan2006, 12:42	29.54
R_BBT4_2	0.176	60.94	01Jan2006, 12:30	5.81
R_BBT5_1	0.7384	187	01Jan2006, 12:55	36.81
R_BBT5_2	0.6041	170.52	01Jan2006, 12:49	32.72
R_BB_1	11.6903	2167.96	01Jan2006, 13:38	604.43
R_BB_2	5.3834	1060.32	01Jan2006, 13:27	261.55
R_BB_3	4.7639	937.8	01Jan2006, 13:09	221.84
R_BB_4	3.3443	612.88	01Jan2006, 13:15	145.94
R_BB_5	2.1187	455.16	01Jan2006, 13:08	95.96
R_BB_6	2.1128	454.67	01Jan2006, 12:54	96.29
R_BushBT1_1	0.2777	340.41	01Jan2006, 12:23	34.08
R_BushBT1_2	0.1465	199.03	01Jan2006, 12:17	19.78
R_BushBT3_1	0.1883	357.13	01Jan2006, 12:07	23.96
R_BushBT4_1	0.4202	690.23	01Jan2006, 12:14	47.94
R_BushBT5_1	0.1609	233.51	01Jan2006, 12:12	17.94
R_BushB_1	1.7003	1340.15	01Jan2006, 12:50	173.71
R_BushB_2	1.149	1094.18	01Jan2006, 12:46	118.69
R_BushB_3_1	0.972	1027.04	01Jan2006, 12:33	103.73
R_BushB_3_2	0.972	1032.06	01Jan2006, 12:32	103.77
R_BushB_4_1	0.972	1032.06	01Jan2006, 12:28	103.89
R_BushB_4_2	0.8692	1191.23	01Jan2006, 12:19	94.94
R_CBT1_1	0.1876	248.87	01Jan2006, 12:14	20.8
R_CBT1_2	0.1693	240.27	01Jan2006, 12:10	19.26
R_CB_1	0.5958	578.73	01Jan2006, 12:27	56.86
R_CB_2	0.5256	560.45	01Jan2006, 12:21	51.15
R_CB_3	0.1677	170.77	01Jan2006, 12:15	15.68
R_GB_1	0.1663	154.99	01Jan2006, 12:26	13.37
R_PBT1_1	0.1682	26.49	01Jan2006, 12:24	4.35
R_PB_1	0.9862	319.8	01Jan2006, 12:53	54.26
R_PB_2	0.8323	291.43	01Jan2006, 12:44	47.72
R_PB_3	0.2727	104.66	01Jan2006, 12:47	14.63
R_RBT1_1	0.2113	441.95	01Jan2006, 12:12	28.73
R_RBT1_2	0.1685	367.13	01Jan2006, 12:04	22.94
R_RB_1	3.0953	1212.61	01Jan2006, 13:05	318.71
R_RB_10	1.1918	813.42	01Jan2006, 12:44	121.04
R_RB_11	0.9269	717.42	01Jan2006, 12:36	92.31
R_RB_12	0.6298	460.94	01Jan2006, 12:30	57.8
R_RB_13	0.5006	416.67	01Jan2006, 12:25	48.5
R_RB_14_1	0.3472	287.14	01Jan2006, 12:19	34.07
R_RB_14_2	0.3472	295.29	01Jan2006, 12:17	34.1
R_RB_15	0.2576	181.53	01Jan2006, 12:10	25.4
R_RB_16_1	0.1645	81.98	01Jan2006, 12:28	13.96

R_RB_16_2	0.1645	81.98	01Jan2006, 12:20	14
R_RB_2	2.9041	1180.4	01Jan2006, 13:04	300.97
R_RB_3	2.7305	1261.18	01Jan2006, 12:48	280.05
R_RB_4	2.5176	1176.79	01Jan2006, 12:44	250.94
R_RB_5	2.4713	1171.86	01Jan2006, 12:43	248.48
R_RB_6	2.3635	1146.56	01Jan2006, 12:38	234.99
R_RB_7	1.9409	953.81	01Jan2006, 12:35	190.67
R_RB_8	1.7677	905.18	01Jan2006, 12:57	167.18
R_RB_9	1.4554	863	01Jan2006, 12:55	146.82
R_SB_1	1.1695	423.79	01Jan2006, 12:23	101.5
R_SB_2	1.0274	363.95	01Jan2006, 12:25	89.8
R_SB_3	0.7737	276.2	01Jan2006, 12:57	68.35
R_SB_4	0.5468	195.07	01Jan2006, 13:01	48.17
R_SB_7	0.1701	180.59	01Jan2006, 12:21	18.57
R_WCT10_1	0.2318	172.08	01Jan2006, 12:30	20.91
R_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
R_WCT11_2	0.16	67.67	01Jan2006, 12:28	7.97
R_WCT12A_1	0.2173	217.43	01Jan2006, 12:22	19.36
R_WCT12A_2	0.1534	141.49	01Jan2006, 12:13	12.44
R_WCT12B_1	0.0844	96.58	01Jan2006, 12:13	7.21
R_WCT12_1	0.9312	304.99	01Jan2006, 12:51	75.2
R_WCT12_2	0.8193	332.09	01Jan2006, 12:29	68.74
R_WCT12_3	0.8089	328.24	01Jan2006, 12:23	67.81
R_WCT12_4	0.4333	141.73	01Jan2006, 13:08	32.59
R_WCT12_5_1	0.191	106.14	01Jan2006, 12:35	15.85
R_WCT12_5_2	0.2754	118.62	01Jan2006, 12:47	22.5
R_WCT13_1	0.5049	98.84	01Jan2006, 13:16	32.5
R_WCT13_2	0.4078	270.92	01Jan2006, 12:28	27.26
R_WCT13_3	0.2575	185.37	01Jan2006, 12:21	17.54
R_WCT13_4	0.1561	104.4	01Jan2006, 12:15	10.08
R_WCT14_1	0.2542	231.43	01Jan2006, 12:19	19.03
R_WCT14_2_1	0.1748	132.17	01Jan2006, 12:12	10.33
R_WCT14_2_2	0.1748	132.17	01Jan2006, 12:08	10.34
R_WCT15_1	0.2481	207.66	01Jan2006, 12:26	22.35
R_WCT15_2	0.1794	154.89	01Jan2006, 12:19	15.11
R_WCT16_1	0.2939	151.97	01Jan2006, 12:21	14.5
R_WCT16_2	0.2106	154.47	01Jan2006, 12:15	11.17
R_WCT16_3	0.1646	136.46	01Jan2006, 12:10	9.29
R_WCT17_1	0.7076	402.03	01Jan2006, 12:49	53.71
R_WCT17_2	0.6196	389.7	01Jan2006, 12:20	46.69
R_WCT17_3	0.4336	291.35	01Jan2006, 12:32	33.9
R_WCT17_4	0.2541	210.2	01Jan2006, 12:30	19.66
R_WCT17_5	0.2078	213.72	01Jan2006, 12:23	16.22
R_WCT17_7	0.1909	207.97	01Jan2006, 12:16	14.98
R_WCT18_1	0.3909	534.93	01Jan2006, 12:21	45.4
R_WCT18_2	0.2968	423.47	01Jan2006, 12:16	33.57
R_WCT18_3	0.2071	311.59	01Jan2006, 12:08	25.15
R_WCT19_1	0.1616	213.74	01Jan2006, 12:20	17.94
R_WCT1_1	0.2847	176.88	01Jan2006, 12:32	19.67
R_WCT1_2	0.2476	160.45	01Jan2006, 12:23	16.22

R_WCT1_3	0.1611	105.36	01Jan2006, 12:17	10.55
R_WCT20_1	0.2266	373.16	01Jan2006, 12:15	29.86
R_WCT20_2	0.169	305.81	01Jan2006, 12:14	23.2
R_WCT21_1	0.2181	170.07	01Jan2006, 12:08	21.13
R_WCT21_2	0.1657	112.25	01Jan2006, 12:24	16.16
R_WCT22_1	0.5242	511.43	01Jan2006, 12:37	74.45
R_WCT22_2	0.347	365.42	01Jan2006, 12:32	55.28
R_WCT22_3	0.2027	379.27	01Jan2006, 12:11	31.1
R_WCT23_1	0.2045	207.14	01Jan2006, 12:18	19.11
R_WCT23_2	0.1653	175.02	01Jan2006, 12:17	14.55
R_WCT24_1	0.6657	446.62	01Jan2006, 12:40	56.13
R_WCT24_2	0.5429	409.72	01Jan2006, 12:38	46.8
R_WCT24_3	0.2916	239.42	01Jan2006, 12:28	25.59
R_WCT24_4	0.1858	206.48	01Jan2006, 12:18	17.51
R_WCT25_1	0.1569	158.46	01Jan2006, 12:11	13.42
R_WCT26_1	0.2949	146.13	01Jan2006, 12:40	24.49
R_WCT26_2	0.1835	105.45	01Jan2006, 12:28	12.09
R_WCT2_1	0.1566	61.07	01Jan2006, 12:21	6.75
R_WCT3_1	0.1582	49.74	01Jan2006, 12:32	7.12
R_WCT4_1	0.1483	77.54	01Jan2006, 12:22	7.36
R_WCT5A_1	0.1308	149.73	01Jan2006, 12:10	12.61
R_WCT5_1_1	0.2816	247.84	01Jan2006, 12:35	25.62
R_WCT5_1_2	0.1508	156.57	01Jan2006, 12:24	13.13
R_WCT6_1	0.152	131.59	01Jan2006, 12:16	11.51
R_WCT7_1	0.2674	200.98	01Jan2006, 12:27	22.21
R_WCT7_2	0.2009	154.79	01Jan2006, 12:19	17.06
R_WCT7_2_1	0.2009	154.79	01Jan2006, 12:20	17.05
R_WCT8A_1	0.1499	125.13	01Jan2006, 12:20	12.22
R_WCT8_1	1.394	614.5	01Jan2006, 13:01	107.25
R_WCT8_2	1.2056	595.39	01Jan2006, 12:43	90.1
R_WCT8_3	1.041	511.81	01Jan2006, 12:33	75.32
R_WCT8_4	0.5591	216.85	01Jan2006, 12:52	34.8
R_WCT8_5	0.3137	147.13	01Jan2006, 12:39	17.7
R_WCT8_6	0.1524	104.5	01Jan2006, 12:22	10.31
R_WCT9_1	0.5992	451.79	01Jan2006, 12:37	54.01
R_WCT9_2	0.522	434.09	01Jan2006, 12:33	46.71
R_WCT9_3	0.3752	355.18	01Jan2006, 12:24	34.05
R_WCT9_4	0.326	321.91	01Jan2006, 12:19	29.82
R_WCT9_5	0.155	170.5	01Jan2006, 12:11	13.97
R_WC_1	45.4339	2508.23	01Jan2006, 23:13	1639.24
R_WC_11	28.2364	2536.76	01Jan2006, 16:58	1768.98
R_WC_12	27.8599	2676.47	01Jan2006, 16:09	1848.1
R_WC_13	26.1498	2598.13	01Jan2006, 16:00	1718.44
R_WC_14	25.5	2624.13	01Jan2006, 15:30	1722.67
R_WC_15	25.1407	2603.81	01Jan2006, 15:28	1688.81
R_WC_16	25.0031	2595.08	01Jan2006, 15:25	1670.81
R_WC_17	24.4871	2666.36	01Jan2006, 14:52	1641.71
R_WC_18	23.3542	3004.89	01Jan2006, 14:06	1622.06
R_WC_19	22.5635	3411.3	01Jan2006, 13:26	1614.36
R_WC_2	44.716	2546.41	01Jan2006, 22:09	1828.02

R_WC_20	20.4442	2822.97	01Jan2006, 13:19	1434.36
R_WC_21	17.14	1697.75	01Jan2006, 12:55	1107.69
R_WC_22	15.9359	1349.28	01Jan2006, 12:43	1002.07
R_WC_23	14.6682	1088.95	01Jan2006, 18:06	896.74
R_WC_24	14.269	1080.16	01Jan2006, 17:42	881.99
R_WC_25	13.5417	1052.53	01Jan2006, 17:33	811.06
R_WC_26	13.2146	1057.68	01Jan2006, 16:47	794.12
R_WC_27	12.1198	1021.01	01Jan2006, 16:36	724.06
R_WC_29	8.9555	946.55	01Jan2006, 15:15	661.01
R_WC_3	44.2548	2558.99	01Jan2006, 21:32	1926.93
R_WC_30	7.6516	843.57	01Jan2006, 15:03	556.72
R_WC_31	7.3276	826.92	01Jan2006, 14:55	532.17
R_WC_32	6.9932	805.39	01Jan2006, 14:53	495.13
R_WC_34	4.5508	1580.11	01Jan2006, 12:50	456.04
R_WC_35	4.3244	1589.84	01Jan2006, 12:40	435.8
R_WC_36	3.3506	1308.33	01Jan2006, 13:41	342.83
R_WC_37	3.133	1322.43	01Jan2006, 13:14	324.96
R_WC_38	2.4774	1142.09	01Jan2006, 13:13	257.15
R_WC_39	2.3827	1328.92	01Jan2006, 12:54	248.93
R_WC_4	43.4311	2567.62	01Jan2006, 20:54	2002.48
R_WC_40	1.9907	1222.23	01Jan2006, 12:42	217.22
R_WC_41	0.8865	509.8	01Jan2006, 12:48	83.98
R_WC_5	30.7752	2348.53	01Jan2006, 20:04	1557.16
R_WC_6	30.4756	2359.46	01Jan2006, 19:26	1630.21
R_WC_7	29.7539	2386.4	01Jan2006, 18:38	1657.51
R_WC_8	29.3908	2403.68	01Jan2006, 18:12	1677.99
R_WC_9	28.7992	2391.45	01Jan2006, 18:01	1676.08
R_WildBT1_1	0.5604	521.2	01Jan2006, 12:22	59.76
R_WildBT1_2	0.3855	404.28	01Jan2006, 12:20	46.08
R_WildBT1_3	0.2021	210.4	01Jan2006, 12:28	25.46
R_WildBT1_4	0.1682	253.79	01Jan2006, 12:12	20.4
R_WildBT2_1	0.1578	67.98	01Jan2006, 12:22	7.36
R_WildB_1	1.9683	580.7	01Jan2006, 13:25	188.82
R_WildB_2	1.7985	554.01	01Jan2006, 13:24	162.71
R_WildB_3	1.5056	939.94	01Jan2006, 12:45	133.25
R_WildB_4	1.3893	857.58	01Jan2006, 12:36	118.92
R_WildB_5	0.7574	402.44	01Jan2006, 12:37	53.84
R_WildB_6	0.5209	327.18	01Jan2006, 12:33	41.35
R_WildB_7	0.1817	125.81	01Jan2006, 12:25	13.88
R_WildB_8	0.1569	119.96	01Jan2006, 12:19	12.13
R_WtsnB_1	0.9036	734.94	01Jan2006, 12:43	84.61
R_WtsnB_2	0.1687	116.33	01Jan2006, 12:25	13.8
R_WtsnB_3	0.1534	112.72	01Jan2006, 12:20	12.63
RockyTrib1 Generic Reservoir	0.2582	196.79	01Jan2006, 12:23	33.5
SB_1	0.0481	98.83	01Jan2006, 12:01	6.06
SB_2	0.142	159.55	01Jan2006, 12:06	11.91
SB_3	0.2538	195.42	01Jan2006, 12:17	21.56
SB_4	0.2269	145.03	01Jan2006, 12:28	20.31
SB_5	0.0267	41.94	01Jan2006, 12:03	2.73
SB_6	0.103	104.34	01Jan2006, 12:10	9.17

SB_7	0.247	148.39	01Jan2006, 12:31	21.98
SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
WCLAKRA_LakeRaleighA_WCT18	0.5326	487.37	01Jan2006, 12:27	61.61
WCT10_1	0.0994	116.01	01Jan2006, 12:15	12.22
WCT10_2	0.2318	172.17	01Jan2006, 12:21	20.98
WCT10_MLK	0.2318	172.08	01Jan2006, 12:21	20.98
WCT11_1	0.107	122.59	01Jan2006, 12:12	11.5
WCT11_2	0.182	129.77	01Jan2006, 12:14	13.26
WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
WCT11_I40	0.449	283.78	01Jan2006, 12:17	32.72
WCT12A_1	0.0701	119.35	01Jan2006, 12:05	8.92
WCT12A_2	0.0638	77.04	01Jan2006, 12:11	6.98
WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
WCT12B_1	0.0844	106.97	01Jan2006, 12:04	7.27
WCT12_1	0.2062	354.88	01Jan2006, 12:08	30.55
WCT12_2	0.0529	43.75	01Jan2006, 12:13	4.27
WCT12_3	0.0104	16.3	01Jan2006, 12:03	1.07
WCT12_4	0.0882	90.01	01Jan2006, 12:07	7.01
WCT12_5_1	0.1579	98.32	01Jan2006, 12:18	11.18
WCT12_5_2	0.0296	37.52	01Jan2006, 12:00	2.11
WCT12_6	0.1614	128.32	01Jan2006, 12:17	14.02
WCT12_I40	1.1374	372.98	01Jan2006, 12:38	105.42
WCT12_RR_Xsing	0.2754	118.62	01Jan2006, 12:43	22.54
WCT12_SouthSaundersSt	0.9312	304.99	01Jan2006, 12:41	75.46
WCT13_1	0.1616	142.5	01Jan2006, 12:20	16.92
WCT13_2	0.0971	108.69	01Jan2006, 12:07	8.54
WCT13_3	0.1502	93.13	01Jan2006, 12:15	9.8
WCT13_4	0.1014	93.51	01Jan2006, 12:08	7.52
WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
WCT13_I40	0.6855	150.82	01Jan2006, 12:23	49.87
WCT13_RRXsing	0.6855	150.85	01Jan2006, 12:23	49.88
WCT14_1	0.0875	111.07	01Jan2006, 12:09	9.38
WCT14_2	0.0794	124.1	01Jan2006, 12:05	8.77
WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
WCT15_1	0.1265	242.82	01Jan2006, 12:06	19.44
WCT15_2	0.0686	97.42	01Jan2006, 12:06	7.31
WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
WCT15_I40	0.2481	207.66	01Jan2006, 12:17	22.42
WCT16_1	0.0111	10.28	01Jan2006, 12:01	0.63
WCT16_2	0.0834	55.39	01Jan2006, 12:01	3.48
WCT16_3	0.0459	18.26	01Jan2006, 12:12	1.9
WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
WCT17_1	0.3585	77.64	01Jan2006, 12:32	13.54
WCT17_2	0.088	103.42	01Jan2006, 12:05	7.48
WCT17_3	0.186	132.46	01Jan2006, 12:12	12.82
WCT17_4	0.1796	154.83	01Jan2006, 12:11	14.31
WCT17_5	0.0463	48.24	01Jan2006, 12:05	3.46
WCT17_6	0.0169	20.98	01Jan2006, 12:02	1.28
WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
WCT17_I40	0.7076	402.03	01Jan2006, 12:26	54.14

WCT17_LineberryDr	0.2541	210.2	01Jan2006, 12:27	19.68
WCT18_1	0.1417	280.16	01Jan2006, 12:00	16.43
WCT18_2	0.0941	151.41	01Jan2006, 12:07	11.92
WCT18_3	0.0897	128.29	01Jan2006, 12:03	8.5
WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
WCT19_1	0.153	135.86	01Jan2006, 12:07	10.83
WCT19_2	0.1616	251.95	01Jan2006, 12:05	17.99
WCT19_Thistledown	0.1616	213.74	01Jan2006, 12:10	17.99
WCT1_1	0.2815	181.12	01Jan2006, 12:19	21.16
WCT1_2	0.0371	49.04	01Jan2006, 12:05	3.53
WCT1_3	0.0866	57.06	01Jan2006, 12:13	5.71
WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
WCT20_1	0.0052	4.95	01Jan2006, 12:02	0.31
WCT20_2	0.0576	84.56	01Jan2006, 12:07	6.68
WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
WCT21_1	0.0178	5.81	01Jan2006, 12:06	0.52
WCT21_2	0.0524	74.2	01Jan2006, 12:04	4.99
WCT21_3	0.1657	210.34	01Jan2006, 12:07	16.2
WCT21_I40	0.1657	112.25	01Jan2006, 12:19	16.19
WCT22_1	0.0664	77.9	01Jan2006, 12:10	6.78
WCT22_2	0.1772	170.93	01Jan2006, 12:18	19.39
WCT22_3	0.1443	240.46	01Jan2006, 12:11	24.4
WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
WCT22_I40_US	0.347	365.42	01Jan2006, 12:23	55.39
WCT22_I440_DS	0.5905	503.39	01Jan2006, 12:45	81.24
WCT23_1	0.003	6.63	01Jan2006, 12:01	0.41
WCT23_2	0.0392	64.46	01Jan2006, 12:04	4.57
WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
WCT24_1	0.0164	26.03	01Jan2006, 12:04	1.76
WCT24_2	0.1228	98.17	01Jan2006, 12:12	9.38
WCT24_3	0.2513	196.98	01Jan2006, 12:17	21.44
WCT24_4	0.1057	117.93	01Jan2006, 12:04	8.19
WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
WCT25_1	0.0057	9.17	01Jan2006, 12:04	0.63
WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
WCT26_1	0.0147	24.92	01Jan2006, 12:07	2.01
WCT26_2	0.1115	151.87	01Jan2006, 12:10	13.64
WCT26_3	0.1835	122.63	01Jan2006, 12:13	12.15
WCT26_I40	0.2949	146.13	01Jan2006, 12:36	24.52
WCT26_WesternBlvd	0.1835	105.45	01Jan2006, 12:20	12.13
WCT2_1	0.145	60.16	01Jan2006, 12:18	7.33
WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
WCT3_1	0.1274	71.45	01Jan2006, 12:14	7.55
WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
WCT4_1	0.0808	24.09	01Jan2006, 12:16	3.02
WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
WCT5_1	0.1833	232.02	01Jan2006, 12:09	19.34
WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
WCT6_1	0.2012	154.75	01Jan2006, 12:13	15.3

WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
WCT7_1	0.101	90.35	01Jan2006, 12:09	7.63
WCT7_2	0.0666	59.14	01Jan2006, 12:10	5.23
WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
WCT8A_1	0.1221	104.31	01Jan2006, 12:18	11.74
WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
WCT8_1	0.1826	275.92	01Jan2006, 12:14	31.29
WCT8_2	0.1885	203.78	01Jan2006, 12:10	17.8
WCT8_3	0.1646	147.68	01Jan2006, 12:15	15.13
WCT8_4	0.2099	129.62	01Jan2006, 12:23	16.78
WCT8_5	0.2454	178.75	01Jan2006, 12:12	17.32
WCT8_6	0.1614	55.86	01Jan2006, 12:22	7.65
WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
WCT8_I40	1.394	614.5	01Jan2006, 12:48	107.74
WCT9_1	0.0231	26.65	01Jan2006, 12:02	1.64
WCT9_2	0.0772	110.56	01Jan2006, 12:03	7.37
WCT9_3	0.1468	154.23	01Jan2006, 12:09	12.85
WCT9_4	0.0492	54.22	01Jan2006, 12:07	4.29
WCT9_5	0.171	154.68	01Jan2006, 12:15	15.91
WCT9_6	0.155	172.15	01Jan2006, 12:08	13.99
WCT9_MLK	0.522	434.09	01Jan2006, 12:23	46.86
WCT9_PooleRd	0.155	170.5	01Jan2006, 12:09	13.98
WC_1	0.6191	353.9	01Jan2006, 12:25	47.72
WC_10	0.3731	212.46	01Jan2006, 12:25	28.62
WC_11	0.5628	560.47	01Jan2006, 12:13	55.34
WC_12	0.008	10.17	01Jan2006, 12:03	0.65
WC_13	0.1335	137.31	01Jan2006, 12:10	11.88
WC_14	0.0276	32.55	01Jan2006, 12:04	2.23
WC_15	0.0282	63.21	01Jan2006, 12:03	4.55
WC_16	0.1376	222.37	01Jan2006, 12:11	22.41
WC_17	0.115	185.3	01Jan2006, 12:11	18.21
WC_18	0.1116	89.4	01Jan2006, 12:13	8.8
WC_19	0.3417	372.02	01Jan2006, 12:13	36.15
WC_2	0.1517	87.66	01Jan2006, 12:18	10.03
WC_20	0.0332	75.03	01Jan2006, 12:00	4.63
WC_21	0.076	61.1	01Jan2006, 12:17	6.69
WC_22	0.0499	101.71	01Jan2006, 12:03	6.91
WC_23	0.5254	469.97	01Jan2006, 12:21	57.22
WC_24	0.0575	98.56	01Jan2006, 12:06	7.81
WC_25	0.3527	492.77	01Jan2006, 12:07	39.52
WC_26	0.0221	52.28	01Jan2006, 12:02	3.56
WC_27	0.0287	62.86	01Jan2006, 12:04	4.75
WC_28	0.4701	718.05	01Jan2006, 12:10	64.33
WC_29	0.2428	182.23	01Jan2006, 12:17	20.18
WC_3	0.1596	119.24	01Jan2006, 12:14	12.24
WC_30	0.0864	101.73	01Jan2006, 12:05	7.22
WC_31	0.0093	9.89	01Jan2006, 12:05	0.69
WC_32	0.1026	91.28	01Jan2006, 12:09	7.64
WC_33	1.5394	1052.69	01Jan2006, 12:19	122.75
WC_34	0.0766	142.48	01Jan2006, 12:03	9.54

WC_35	0.019	37.06	01Jan2006, 12:04	2.61
WC_36	0.2917	334.84	01Jan2006, 12:15	35.34
WC_37	0.055	65.96	01Jan2006, 12:04	4.42
WC_38	0.6557	468.73	01Jan2006, 12:30	67.85
WC_39	0.0947	119.51	01Jan2006, 12:05	8.63
WC_4	0.5381	280.1	01Jan2006, 12:15	30.41
WC_40	0.0823	67.96	01Jan2006, 12:12	6.38
WC_41	0.5422	695.29	01Jan2006, 12:17	80.71
WC_42	0.5619	373.55	01Jan2006, 12:29	53.79
WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
WC_5	0.5983	167.39	01Jan2006, 12:33	28.21
WC_6	0.0706	57.91	01Jan2006, 12:09	5.01
WC_7	0.2568	274.09	01Jan2006, 12:13	26.51
WC_8	0.0099	8.94	01Jan2006, 12:05	0.65
WC_9	0.2186	138.82	01Jan2006, 12:24	18.26
Watson Generic Reservoir	0.1687	116.33	01Jan2006, 12:20	13.83
White Oak Lake	0.5201	193.14	01Jan2006, 12:51	45.63
WildBT1_1	0.0362	51.47	01Jan2006, 12:06	3.81
WildBT1_2	0.1749	159.23	01Jan2006, 12:09	13.75
WildBT1_3	0.1834	214.13	01Jan2006, 12:12	20.68
WildBT1_4	0.0339	78.24	01Jan2006, 12:01	5.12
WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
WildBT2_1	0.0239	20.03	01Jan2006, 12:10	1.78
WildBT2_2	0.1578	70.47	01Jan2006, 12:13	7.38
WildBTrb1_Tryon_And_Chapanoke	0.2021	210.4	01Jan2006, 12:20	25.51
WildB_1	0.1177	199.64	01Jan2006, 12:07	16.29
WildB_2	0.1698	257.88	01Jan2006, 12:12	26.23
WildB_3	0.2929	241.44	01Jan2006, 12:22	29.91
WildB_4	0.1163	135.62	01Jan2006, 12:16	14.85
WildB_5	0.0353	22.94	01Jan2006, 12:08	1.9
WildB_6	0.0548	38.22	01Jan2006, 12:10	3.47
WildB_7	0.3393	201.72	01Jan2006, 12:26	27.59
WildB_8	0.0248	31.14	01Jan2006, 12:00	1.78
WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15
WildBrnchT2_RRXsing	0.1578	67.98	01Jan2006, 12:16	7.38
WildcatBranch_I40Xsing	1.9683	580.7	01Jan2006, 13:23	188.94
WildcatBranch_RRXsing	1.7985	554.01	01Jan2006, 13:19	162.97
WtsnB_1	0.1177	142.27	01Jan2006, 12:10	12.52
WtsnB_2	0.0956	155.94	01Jan2006, 12:03	10.11
WtsnB_3	0.0154	21.74	01Jan2006, 11:59	1.2
WtsnB_4	0.1534	112.72	01Jan2006, 12:18	12.63

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.053	4779.44	01Jan2006, 22:41	3367.34
72_CarolinaPines_WCT13	0.5049	325.86	01Jan2006, 12:45	66.03
AreaA	0.0567	87.19	01Jan2006, 12:13	8.58
AreaB1	0.019	16.8	01Jan2006, 12:05	1.27
AreaB2	0.059	66.77	01Jan2006, 12:09	5.76
AreaC1	0.0168	50.14	01Jan2006, 12:06	4.51
AreaC2	0.0823	191.45	01Jan2006, 12:11	18.58
Avent Ferry Dr	1.1695	830.96	01Jan2006, 12:39	188.71
BBT1_1	0.5004	378.7	01Jan2006, 12:43	67.33
BBT1_2	0.272	363.05	01Jan2006, 12:14	36.62
BBT1_3	3.9284	1950.75	01Jan2006, 13:04	446.91
BBT2_1	0.2378	186.78	01Jan2006, 12:38	30.97
BBT2_2	0.1003	106.53	01Jan2006, 12:18	12.2
BBT2_3	0.0099	22.28	01Jan2006, 12:00	1.28
BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
BBT3A_1	0.0277	16.76	01Jan2006, 12:18	2.04
BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
BBT3_1	0.2625	226.16	01Jan2006, 12:29	32.74
BBT3_2	0.2544	237.45	01Jan2006, 12:28	33.58
BBT3_3	0.1488	117.41	01Jan2006, 12:21	14.63
BBT3_4	0.1146	140.88	01Jan2006, 12:11	12.83
BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
BBT4A_1	0.0355	39.86	01Jan2006, 12:09	3.45
BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
BBT4_1	0.2036	177.62	01Jan2006, 12:18	20.29
BBT4_2	0.3116	190.07	01Jan2006, 12:30	28.59
BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
BBT5_1	0.1414	145.13	01Jan2006, 12:08	12.21
BBT5_2	0.1343	77.88	01Jan2006, 12:24	10.66
BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
BB_1	0.3673	243.86	01Jan2006, 12:43	43.61
BB_2	0.4078	323.35	01Jan2006, 12:34	50.4
BB_3	0.1114	197.14	01Jan2006, 12:12	18.48
BB_4	0.2583	242.99	01Jan2006, 12:15	25.99
BB_5	0.2954	247.59	01Jan2006, 12:18	28.81
BB_6	0.006	9.22	01Jan2006, 12:04	0.63
BB_7	1.233	660.69	01Jan2006, 12:45	123.52
BigBranchTrib1_I40Xsing	3.9284	1350.58	01Jan2006, 13:43	439.57
BigBranchTrib3_I40Xsing	0.9359	890.58	01Jan2006, 12:44	113.2
BigBrnch_AuburnChurchRd_US	1.233	659.49	01Jan2006, 12:46	123.32
BushBT1_1	0.0988	170.46	01Jan2006, 12:09	14.22
BushBT1_2	0.1312	354.68	01Jan2006, 12:04	25.01
BushB_1	0.2184	401.66	01Jan2006, 12:14	41.73
BushB_2	0.1747	277.72	01Jan2006, 12:12	26.62
BushB_3	0.177	319.74	01Jan2006, 12:10	28.57
BushB_4	0.1027	218.31	01Jan2006, 12:07	17.01
Bushy Branch Generic Reservoir	0.972	1482.6	01Jan2006, 12:27	180.11
CBT1_1	0.0096	19.91	01Jan2006, 11:59	1.08

CBT1_2	0.0184	52.36	01Jan2006, 11:59	2.93
CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
CB_1	0.0436	115.82	01Jan2006, 12:03	7.64
CB_2	0.0701	186.65	01Jan2006, 12:00	10.94
CB_3	0.1607	261.1	01Jan2006, 12:14	26.3
CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
Cary Towne Blvd	1.4288	1547.68	01Jan2006, 12:24	279.36
DortheaDixFarmPnd_WCT16	0.2939	361.37	01Jan2006, 12:17	31.74
GB_1	0.2347	432.35	01Jan2006, 12:13	42.51
GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
GatlingBranch_I40Xsing	0.401	641.24	01Jan2006, 12:21	67.82
I-440 Beltline	0.5468	397.34	01Jan2006, 12:48	89.39
J_BBT1_1	5.8992	2076.49	01Jan2006, 13:23	681.48
J_BBT1_1_BB_2	11.6903	4749.78	01Jan2006, 13:18	1301.82
J_BBT1_2	4.2004	1384.45	01Jan2006, 13:54	474.23
J_BBT1_3	3.9284	1350.58	01Jan2006, 13:43	439.57
J_BBT2_1	0.508	530.17	01Jan2006, 12:34	65.13
J_BBT2_1_BB_3	5.3834	2563.51	01Jan2006, 12:50	574.37
J_BBT2_2	0.2702	356.38	01Jan2006, 12:17	34.34
J_BBT2_3	0.1698	250.24	01Jan2006, 12:11	22.18
J_BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
J_BBT3A_1	0.2329	235.37	01Jan2006, 12:21	25.08
J_BBT3A_1_BBT3_3	0.6816	768.33	01Jan2006, 12:25	80.03
J_BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
J_BBT3_1	1.1985	1041.79	01Jan2006, 12:51	145.6
J_BBT3_1_BBT1_2	5.3988	1871.79	01Jan2006, 12:58	619.82
J_BBT3_2	0.9359	890.58	01Jan2006, 12:44	113.2
J_BBT3_3	0.4486	543.28	01Jan2006, 12:26	54.95
J_BBT3_4	0.2998	430.48	01Jan2006, 12:17	40.45
J_BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
J_BBT4A_1	0.239	309.81	01Jan2006, 12:11	25.79
J_BBT4A_1_BBT4_2	0.7267	510.79	01Jan2006, 12:26	68.83
J_BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
J_BBT4_1	0.9302	614.75	01Jan2006, 12:28	88.75
J_BBT4_2	0.4876	372.34	01Jan2006, 12:29	43.03
J_BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
J_BBT5_1	0.8798	466.54	01Jan2006, 12:50	92.13
J_BBT5_1_BB_7	2.1128	1124.31	01Jan2006, 12:48	215.45
J_BBT5_2	0.7384	441.98	01Jan2006, 12:43	80.15
J_BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
J_BB_1	12.0576	4860.19	01Jan2006, 13:33	1338.2
J_BB_1_WC_5	43.4311	6285.21	01Jan2006, 13:33	4388.78
J_BB_2	5.7911	2726.33	01Jan2006, 13:10	620.34
J_BB_3	4.8754	2320.95	01Jan2006, 13:07	509.25
J_BB_4	3.6026	1601.79	01Jan2006, 13:05	356.24
J_BB_5	2.4141	1191.18	01Jan2006, 13:03	243.52
J_BB_5_BBT4_1	3.3443	1550.91	01Jan2006, 12:50	332.27
J_BB_6	2.1187	1125.33	01Jan2006, 12:51	215.84
J_BB_7	1.233	659.49	01Jan2006, 12:46	123.32
J_BushBT1_1	0.3765	665.04	01Jan2006, 12:21	71.28

J_BushBT1_1_BushB_2	1.7003	1910.95	01Jan2006, 12:32	305.44
J_BushBT1_2	0.2777	567.53	01Jan2006, 12:07	57.27
J_BushBT1_3	0.1465	318.68	01Jan2006, 12:13	32.29
J_BushBT2_1	0.1979	342.11	01Jan2006, 12:08	29.22
J_BushBT2_2	0.1777	298.33	01Jan2006, 12:09	25.49
J_BushBT2_T4_T5	0.8692	2034.3	01Jan2006, 12:13	163.7
J_BushBT3_1	0.2231	640.59	01Jan2006, 12:06	44.21
J_BushBT3_1_BushBT4_2	0.4202	1159.07	01Jan2006, 12:05	81.82
J_BushBT3_2	0.1883	580.54	01Jan2006, 12:03	39.84
J_BushBT4_1	0.4765	1248.61	01Jan2006, 12:14	95.8
J_BushBT4_2	0.1972	536.94	01Jan2006, 12:03	37.61
J_BushBT4_3	0.1642	487.8	01Jan2006, 12:03	33.91
J_BushBT5_1	0.1949	481.28	01Jan2006, 12:12	38.69
J_BushBT5_2	0.1609	398.9	01Jan2006, 12:06	31.01
J_BushB_1	1.9187	2076.45	01Jan2006, 12:39	346.51
J_BushB_2	1.3238	1399.86	01Jan2006, 12:34	234.16
J_BushB_3	1.149	1297.66	01Jan2006, 12:49	208.26
J_BushB_4	0.972	1276.99	01Jan2006, 12:39	179.95
J_CBT1_1	0.1972	427.02	01Jan2006, 12:13	37.01
J_CBT1_1_CB_3	0.5256	999.09	01Jan2006, 12:14	91.76
J_CBT1_2	0.1876	423.22	01Jan2006, 12:09	35.97
J_CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
J_CB_1	0.6393	1052.62	01Jan2006, 12:27	110
J_CB_2	0.5958	1031.28	01Jan2006, 12:21	102.53
J_CB_3	0.3284	572.15	01Jan2006, 12:14	54.75
J_CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
J_CryTwnBlvdRes_WC_42	1.9907	2214.73	01Jan2006, 12:25	376.23
J_GB_1	0.401	641.24	01Jan2006, 12:21	67.82
J_GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
J_PBT1_1	0.1747	100.51	01Jan2006, 12:20	12.27
J_PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
J_PB_1	1.1613	799.4	01Jan2006, 12:45	135.81
J_PB_1_BB_4	4.7639	2293.54	01Jan2006, 13:00	492.05
J_PB_2	0.9862	710.93	01Jan2006, 12:40	114.05
J_PB_3	0.6575	564.86	01Jan2006, 12:37	86.71
J_PB_3_PBT1_1	0.8323	637.02	01Jan2006, 12:32	98.98
J_PB_4	0.2727	238.52	01Jan2006, 12:23	31.43
J_RBT1_1	0.2582	762.27	01Jan2006, 12:11	55.68
J_RBT1_1_RB_7	2.3635	2056.08	01Jan2006, 12:33	415.88
J_RBT1_2	0.2113	701.64	01Jan2006, 12:02	46.88
J_RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
J_RB_1	3.146	2017.09	01Jan2006, 13:29	569.33
J_RB_10	1.4554	1511.36	01Jan2006, 12:40	260.53
J_RB_11	1.1918	1423.87	01Jan2006, 12:32	214.22
J_RB_12	0.9269	1257.46	01Jan2006, 12:27	164.14
J_RB_13	0.6298	823.99	01Jan2006, 12:24	105.24
J_RB_14	0.5006	739.51	01Jan2006, 12:17	87.07
J_RB_15	0.3472	514.07	01Jan2006, 12:07	60.96
J_RB_16	0.2576	313.13	01Jan2006, 12:07	45.23
J_RB_17	0.1645	360.6	01Jan2006, 12:05	26.35

J_RB_1_WC_21	20.4442	4720.48	01Jan2006, 13:20	2761.31
J_RB_2	3.0953	2007.73	01Jan2006, 13:26	557.47
J_RB_3	2.9041	2155.6	01Jan2006, 12:51	527.31
J_RB_4	2.7305	2097.19	01Jan2006, 12:47	490.82
J_RB_5	2.5176	1986.18	01Jan2006, 12:48	443.15
J_RB_6	2.4713	1977.47	01Jan2006, 12:42	438.49
J_RB_7	2.1053	1808.08	01Jan2006, 12:33	360.73
J_RB_8	1.9409	1741.65	01Jan2006, 12:20	339.91
J_RB_9	1.7677	1600.74	01Jan2006, 12:47	300.95
J_SB_1	1.2176	844.69	01Jan2006, 12:40	198.54
J_SB_1_WC_30	8.9555	1970.67	01Jan2006, 12:22	1261.67
J_SB_2	1.1695	866.08	01Jan2006, 12:27	188.71
J_SB_3	1.0274	788.08	01Jan2006, 12:29	166.57
J_SB_4	0.7737	600.12	01Jan2006, 12:40	126.51
J_SB_5	0.5468	398.29	01Jan2006, 12:46	89.47
J_SB_6	0.5201	697.05	01Jan2006, 12:19	89.52
J_SB_7	0.417	566.76	01Jan2006, 12:23	72.63
J_SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
J_WC37_WCT25_1	3.3506	2183.61	01Jan2006, 13:12	602.51
J_WCT10_1	0.3311	460.39	01Jan2006, 12:25	58.8
J_WCT10_2	0.2318	319.32	01Jan2006, 12:21	38.41
J_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
J_WCT11_1_WC_19	23.3542	5903.2	01Jan2006, 13:34	3172.41
J_WCT11_2	0.342	375.17	01Jan2006, 12:19	43.26
J_WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
J_WCT12A_1	0.2874	476.74	01Jan2006, 12:20	50.36
J_WCT12A_1_WCT12_4	0.8089	657.05	01Jan2006, 12:22	126.6
J_WCT12A_2	0.2173	403.51	01Jan2006, 12:12	35.65
J_WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
J_WCT12B_1	0.0844	186.63	01Jan2006, 12:07	13.45
J_WCT12_1	1.1374	563.09	01Jan2006, 13:02	189.51
J_WCT12_1_WC_22	17.14	2979.5	01Jan2006, 12:45	2178.65
J_WCT12_2	0.9312	505.02	01Jan2006, 12:51	141.92
J_WCT12_3	0.8193	662.91	01Jan2006, 12:24	128.38
J_WCT12_4	0.5215	289.7	01Jan2006, 12:50	76.23
J_WCT12_5_1_WCT12B_1	0.2754	184.48	01Jan2006, 12:48	42.51
J_WCT12_5_2	0.4333	267.95	01Jan2006, 12:44	63.08
J_WCT12_6	0.191	225.72	01Jan2006, 12:24	29.79
J_WCT13_1	0.6855	375.93	01Jan2006, 13:08	96.59
J_WCT13_1_WC_23	15.9359	2610.43	01Jan2006, 12:29	1986.96
J_WCT13_2	0.5049	325.86	01Jan2006, 12:45	66.03
J_WCT13_3	0.4078	562.2	01Jan2006, 12:19	54.61
J_WCT13_4	0.2575	382.83	01Jan2006, 12:11	34.98
J_WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
J_WCT14_1	0.3417	552.47	01Jan2006, 12:15	52.87
J_WCT14_1_WC_24	14.6682	2232.29	01Jan2006, 16:39	1821.6
J_WCT14_2	0.2542	402.75	01Jan2006, 12:08	36.6
J_WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
J_WCT15_1	0.3746	551.22	01Jan2006, 12:09	71.46
J_WCT15_1_WC_25	14.269	2217.55	01Jan2006, 16:06	1775.14

J_WCT15_2	0.2481	347.6	01Jan2006, 12:22	41.04
J_WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
J_WCT16_1	0.305	365.81	01Jan2006, 12:20	33.03
J_WCT16_1_WC_26	13.5417	2183.57	01Jan2006, 15:09	1660.28
J_WCT16_2	0.2939	361.37	01Jan2006, 12:17	31.74
J_WCT16_3	0.2106	348.37	01Jan2006, 12:09	23.94
J_WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
J_WCT17_1	1.0661	761.94	01Jan2006, 12:44	135.52
J_WCT17_1_WC_27	13.2146	2264.91	01Jan2006, 13:31	1632.7
J_WCT17_2	0.7076	614.19	01Jan2006, 12:33	104.06
J_WCT17_3	0.6196	756.44	01Jan2006, 12:16	90.19
J_WCT17_4	0.4336	511.08	01Jan2006, 12:14	64.87
J_WCT17_5	0.2541	303.94	01Jan2006, 12:31	37.7
J_WCT17_6	0.2078	412.93	01Jan2006, 12:16	31.07
J_WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
J_WCT18_1	0.5326	821.25	01Jan2006, 12:27	105.03
J_WCT18_2	0.3909	902.58	01Jan2006, 12:14	77.41
J_WCT18_3	0.2968	719.99	01Jan2006, 12:06	57.72
J_WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
J_WCT19_1	0.3147	483.93	01Jan2006, 12:09	52.32
J_WCT19_2	0.1616	274.21	01Jan2006, 12:13	31.08
J_WCT1_1	0.5662	665.15	01Jan2006, 12:27	79.77
J_WCT1_1_WC_2	45.4339	4899.98	01Jan2006, 21:25	3798.88
J_WCT1_2	0.2847	366.93	01Jan2006, 12:21	38.99
J_WCT1_3	0.2476	337.26	01Jan2006, 12:15	32.7
J_WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
J_WCT20_1	0.2318	602.37	01Jan2006, 12:15	49.68
J_WCT20_1_WC_32	7.3276	1589.24	01Jan2006, 15:11	1005.3
J_WCT20_2	0.2266	599.13	01Jan2006, 12:13	49.06
J_WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
J_WCT21_1	0.2359	256.04	01Jan2006, 12:07	39.32
J_WCT21_2	0.2181	238.45	01Jan2006, 12:05	38
J_WCT21_3	0.1657	129.72	01Jan2006, 12:24	29.03
J_WCT22_1	0.5905	557.5	01Jan2006, 13:00	131.02
J_WCT22_1_WC_34	5.2179	2888.09	01Jan2006, 13:08	952.02
J_WCT22_2	0.5242	686.76	01Jan2006, 12:23	119.34
J_WCT22_3	0.347	434.15	01Jan2006, 12:27	85.89
J_WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
J_WCT23_1	0.2075	382.2	01Jan2006, 12:18	35.3
J_WCT23_2	0.2045	380.05	01Jan2006, 12:15	34.67
J_WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
J_WCT24_1	0.682	848.78	01Jan2006, 12:39	107.85
J_WCT24_1_WC_36	4.3244	2381.43	01Jan2006, 12:42	768.93
J_WCT24_2	0.6657	843.31	01Jan2006, 12:36	104.86
J_WCT24_3	0.5429	771.65	01Jan2006, 12:22	87.19
J_WCT24_4	0.2916	472.94	01Jan2006, 12:15	47.41
J_WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
J_WCT25_1	0.1626	309.6	01Jan2006, 12:10	26.09
J_WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
J_WCT26_1	0.3096	254.52	01Jan2006, 12:35	48.85

J_WCT26_1_WC_40	2.3827	2323.81	01Jan2006, 12:37	435.34
J_WCT26_2	0.2949	246.27	01Jan2006, 12:34	45.64
J_WCT26_3	0.1835	159.05	01Jan2006, 12:26	24.35
J_WCT2_1	0.3015	300.3	01Jan2006, 12:19	31.34
J_WCT2_1_WC_3	44.716	4952.02	01Jan2006, 20:35	3977.54
J_WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
J_WCT3_1	0.2856	243.73	01Jan2006, 12:20	31.67
J_WCT3_1_WC_4	44.2548	5081.75	01Jan2006, 14:22	4177.11
J_WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
J_WCT4_1	0.2291	247.5	01Jan2006, 12:20	23.3
J_WCT4_1_WC_6	30.7752	4490.69	01Jan2006, 18:52	3139.87
J_WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
J_WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
J_WCT5_1_1	0.4649	579.32	01Jan2006, 12:30	80.73
J_WCT5_1_1_WC_7	30.4756	4553.87	01Jan2006, 18:14	3274.91
J_WCT5_1_2_WCT5A_1	0.2816	457.14	01Jan2006, 12:19	47.01
J_WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
J_WCT6_1	0.3532	562.34	01Jan2006, 12:14	51.68
J_WCT6_1_WC_8	29.7539	4551.83	01Jan2006, 17:49	3235.02
J_WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
J_WCT7_1	0.3685	478.97	01Jan2006, 12:22	56.41
J_WCT7_1_WC_12	28.2364	4800.31	01Jan2006, 16:12	3514.74
J_WCT7_2	0.2674	393.83	01Jan2006, 12:15	41.8
J_WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
J_WCT8A_1	0.272	428.57	01Jan2006, 12:19	44.2
J_WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
J_WCT8_1	1.5766	1300.48	01Jan2006, 12:59	252.16
J_WCT8_1_WC_13	27.8599	4787.28	01Jan2006, 16:02	3495.14
J_WCT8_2	1.394	1215.88	01Jan2006, 12:46	205.5
J_WCT8_3	1.2056	1170.1	01Jan2006, 12:31	174.08
J_WCT8_4	0.769	658.49	01Jan2006, 12:30	102.65
J_WCT8_4_WCT8A_1	1.041	1020.88	01Jan2006, 12:25	146.85
J_WCT8_5	0.5591	482.81	01Jan2006, 12:33	71.2
J_WCT8_6	0.3137	336.6	01Jan2006, 12:26	37.23
J_WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
J_WCT9_1	0.6223	777.5	01Jan2006, 12:40	102.22
J_WCT9_1_WC_14	26.1498	4740.65	01Jan2006, 15:36	3335.39
J_WCT9_2	0.5992	772.13	01Jan2006, 12:36	99.1
J_WCT9_3	0.522	745.97	01Jan2006, 12:27	86.03
J_WCT9_4	0.3752	651.72	01Jan2006, 12:18	62.41
J_WCT9_5	0.326	591.7	01Jan2006, 12:13	54.55
J_WCT9_6	0.155	311.42	01Jan2006, 12:10	25.65
J_WC_10_WC_9	29.3908	4538.4	01Jan2006, 17:39	3254.36
J_WC_11	28.7992	4600.46	01Jan2006, 17:02	3412.06
J_WC_12	27.8679	4773.71	01Jan2006, 16:12	3458.32
J_WC_13	26.2833	4653.45	01Jan2006, 16:04	3242.99
J_WC_14	25.5275	4685.64	01Jan2006, 15:36	3233.17
J_WC_15	25.1689	4654.59	01Jan2006, 15:33	3177.17
J_WC_15_WCT10_1	25.5	4685.17	01Jan2006, 15:33	3235.97
J_WC_16	25.1407	4653.42	01Jan2006, 15:30	3178.22

J_WC_17	24.6021	4872.61	01Jan2006, 14:49	3124.5
J_WC_17_GB_1	25.0031	4913.45	01Jan2006, 14:49	3192.32
J_WC_18	23.4658	5280.9	01Jan2006, 14:08	3078.97
J_WC_19	22.9052	5811.32	01Jan2006, 13:35	3109.42
J_WC_2	44.8677	4880.26	01Jan2006, 21:25	3719.12
J_WC_20	20.4775	4631.27	01Jan2006, 13:37	2736.47
J_WC_21	17.2983	2715.71	01Jan2006, 13:16	2191.98
J_WC_22	16.0026	2425.4	01Jan2006, 12:44	1989.14
J_WC_23	15.2503	2323.04	01Jan2006, 12:29	1890.37
J_WC_24	14.3265	2210.83	01Jan2006, 16:41	1768.74
J_WC_25	13.8944	2188.55	01Jan2006, 16:13	1703.68
J_WC_26	13.2367	2161.75	01Jan2006, 15:27	1627.24
J_WC_27	12.1485	2074.1	01Jan2006, 15:41	1497.17
J_WC_28_WCT18_1	12.1198	4949.38	01Jan2006, 12:30	1838.27
J_WC_29	9.1984	1793.55	01Jan2006, 15:24	1282.19
J_WC_29_BushB_1	11.1171	3860.25	01Jan2006, 12:39	1628.7
J_WC_3	44.4144	4942.68	01Jan2006, 20:35	3946.2
J_WC_30	7.738	1620.55	01Jan2006, 15:21	1063.14
J_WC_31	7.3369	1589.34	01Jan2006, 15:14	1005.33
J_WC_31_WCT19_1	7.6516	1617.47	01Jan2006, 15:14	1057.64
J_WC_32	7.0958	1565.59	01Jan2006, 15:12	955.62
J_WC_33_WCT21_1	6.9932	4639.83	01Jan2006, 12:24	1224.52
J_WC_34	4.6274	2341.94	01Jan2006, 13:49	821
J_WC_35	4.3433	2356.4	01Jan2006, 12:49	772.74
J_WC_35_WCT23_1	4.5508	2452.66	01Jan2006, 12:45	808.04
J_WC_36	3.6423	2173.53	01Jan2006, 13:40	661.08
J_WC_37	3.188	2151.11	01Jan2006, 13:12	576.43
J_WC_38	3.133	2186.13	01Jan2006, 13:02	568.11
J_WC_39	2.4774	2236.83	01Jan2006, 12:49	449.27
J_WC_4	43.9692	5054.47	01Jan2006, 14:23	4145.44
J_WC_40	2.073	2069.57	01Jan2006, 12:37	386.49
J_WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
J_WC_5	31.3735	4487.29	01Jan2006, 19:24	3050.58
J_WC_6	30.5461	4481.71	01Jan2006, 18:52	3116.58
J_WC_7	30.0107	4527.53	01Jan2006, 18:15	3194.18
J_WC_8	29.4007	4532.65	01Jan2006, 17:49	3183.34
J_WildBT1_1	0.5965	875.29	01Jan2006, 12:17	110.63
J_WildBT1_1_WildB_5	1.3893	1489.97	01Jan2006, 12:25	219.96
J_WildBT1_2	0.5604	829.66	01Jan2006, 12:14	104.05
J_WildBT1_3	0.3855	577.77	01Jan2006, 12:14	77.9
J_WildBT1_4	0.2021	245.32	01Jan2006, 12:25	42.42
J_WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
J_WildBT2_1	0.1817	175.39	01Jan2006, 12:22	19.84
J_WildBT2_1_WildB_6	0.7574	819.25	01Jan2006, 12:30	105.48
J_WildBT2_2	0.1578	152.38	01Jan2006, 12:18	16.43
J_WildB_1	2.086	1174.03	01Jan2006, 13:25	362.62
J_WildB_1_WC_20	22.5635	5773.96	01Jan2006, 13:30	3099.09
J_WildB_2	1.9683	1151.4	01Jan2006, 13:23	336.42
J_WildB_3	1.7985	1119.22	01Jan2006, 13:15	295.75
J_WildB_4	1.5056	1626.62	01Jan2006, 12:32	243.94

J_WildB_5	0.7927	830.86	01Jan2006, 12:36	109.33
J_WildB_6	0.5757	666.48	01Jan2006, 12:32	85.64
J_WildB_7	0.5209	636.65	01Jan2006, 12:25	78.77
J_WildB_8	0.1817	246.98	01Jan2006, 12:18	26.73
J_WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29
J_WtsnB_1	1.0213	1356.06	01Jan2006, 12:42	174.96
J_WtsnB_1_WC_18	24.4871	5436.59	01Jan2006, 14:06	3253.93
J_WtsnB_2	0.2643	377.34	01Jan2006, 12:04	43.75
J_WtsnB_2_CB_1	0.9036	1298.19	01Jan2006, 12:26	153.75
J_WtsnB_3	0.1687	223.41	01Jan2006, 12:19	26.06
J_WtsnB_4	0.1534	216.83	01Jan2006, 12:17	23.78
Lake Raleigh	12.1198	2072.4	01Jan2006, 15:32	1552.69
Lake_Johnson	6.9932	1558.38	01Jan2006, 15:07	971.11
PBT1_1	0.0066	7	01Jan2006, 12:06	0.53
PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
PB_1	0.1751	185.69	01Jan2006, 12:20	22.15
PB_2	0.154	130.12	01Jan2006, 12:19	15.33
PB_3	0.3848	412.66	01Jan2006, 12:26	55.54
PB_4_1	0.1089	113.64	01Jan2006, 12:17	12.58
PB_4_2	0.1638	138.37	01Jan2006, 12:26	18.85
Pineview Dr	0.7737	599.7	01Jan2006, 12:41	126.51
PoplarBranch_I40	0.1638	137.54	01Jan2006, 12:28	18.85
Priv_1001_UnderwoodPond_WCT8	0.3137	336.6	01Jan2006, 12:26	37.23
Private15_Ileagnes_WCT12	0.4333	267.95	01Jan2006, 12:44	63.08
Private23_GolfCourseC_WCT12	0.1614	215.6	01Jan2006, 12:24	25.65
Private36_GolfCourseA_WCT12B	0.0844	186.63	01Jan2006, 12:07	13.45
RBT1_1	0.0469	144.25	01Jan2006, 12:01	8.9
RBT1_2	0.0428	166.97	01Jan2006, 11:58	9.53
RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
RB_1	0.0507	155.91	01Jan2006, 12:05	12.32
RB_10	0.2635	646.62	01Jan2006, 12:05	46.89
RB_11	0.265	604.68	01Jan2006, 12:08	50.44
RB_12	0.2971	501.46	01Jan2006, 12:19	59.08
RB_13	0.1292	243.71	01Jan2006, 12:06	18.36
RB_14	0.1534	303.55	01Jan2006, 12:09	26.31
RB_15	0.0896	224.83	01Jan2006, 12:04	15.77
RB_16	0.0931	256.36	01Jan2006, 12:05	19.21
RB_17	0.1645	360.6	01Jan2006, 12:05	26.35
RB_2	0.1911	337.27	01Jan2006, 12:12	32.65
RB_3	0.1736	442.65	01Jan2006, 12:07	37.16
RB_4	0.2129	485.91	01Jan2006, 12:11	47.79
RB_5	0.0463	81.44	01Jan2006, 12:03	5.38
RB_6	0.1078	335.9	01Jan2006, 12:03	23.04
RB_7	0.1644	290.8	01Jan2006, 12:06	22.14
RB_8	0.1732	453.23	01Jan2006, 12:08	39.22
RB_9	0.3123	471.68	01Jan2006, 12:10	41.26
R_BBT1_1	5.3988	1871.79	01Jan2006, 13:23	614.15
R_BBT1_2	3.9284	1350.58	01Jan2006, 13:55	437.61
R_BBT2_1_1	0.2702	345.15	01Jan2006, 12:34	34.16
R_BBT2_1_2	0.2702	345.15	01Jan2006, 12:23	34.28

R_BBT2_2	0.1698	250.24	01Jan2006, 12:17	22.13
R_BBT2_3	0.16	242.99	01Jan2006, 12:11	20.9
R_BBT3A_1	0.2052	218.9	01Jan2006, 12:21	23.04
R_BBT3_1	0.9359	890.58	01Jan2006, 12:53	112.86
R_BBT3_2	0.6816	768.33	01Jan2006, 12:38	79.68
R_BBT3_3	0.2998	430.48	01Jan2006, 12:27	40.32
R_BBT3_4	0.1852	309.71	01Jan2006, 12:18	27.62
R_BBT4A_1	0.2035	270.57	01Jan2006, 12:11	22.34
R_BBT4_1	0.7267	510.79	01Jan2006, 12:40	68.46
R_BBT4_2	0.176	182.37	01Jan2006, 12:29	14.44
R_BBT5_1	0.7384	441.98	01Jan2006, 12:51	79.92
R_BBT5_2	0.6041	393.07	01Jan2006, 12:47	69.49
R_BB_1	11.6903	4749.78	01Jan2006, 13:33	1294.59
R_BB_2	5.3834	2563.51	01Jan2006, 13:11	569.94
R_BB_3	4.7639	2293.54	01Jan2006, 13:07	490.77
R_BB_4	3.3443	1550.91	01Jan2006, 13:06	330.25
R_BB_5	2.1187	1125.33	01Jan2006, 13:05	214.71
R_BB_6	2.1128	1124.31	01Jan2006, 12:51	215.21
R_BushBT1_1	0.2777	567.53	01Jan2006, 12:22	57.06
R_BushBT1_2	0.1465	318.68	01Jan2006, 12:17	32.26
R_BushBT3_1	0.1883	580.54	01Jan2006, 12:07	39.8
R_BushBT4_1	0.4202	1159.07	01Jan2006, 12:14	81.64
R_BushBT5_1	0.1609	398.9	01Jan2006, 12:12	30.96
R_BushB_1	1.7003	1910.95	01Jan2006, 12:40	304.78
R_BushB_2	1.149	1297.66	01Jan2006, 13:02	207.54
R_BushB_3_1	0.972	1237.02	01Jan2006, 12:52	179.69
R_BushB_3_2	0.972	1276.99	01Jan2006, 12:43	179.77
R_BushB_4_1	0.972	1276.99	01Jan2006, 12:39	179.95
R_BushB_4_2	0.8692	2034.3	01Jan2006, 12:19	163.45
R_CBT1_1	0.1876	423.22	01Jan2006, 12:13	35.93
R_CBT1_2	0.1693	407.91	01Jan2006, 12:10	33.04
R_CB_1	0.5958	1031.28	01Jan2006, 12:27	102.36
R_CB_2	0.5256	999.09	01Jan2006, 12:21	91.59
R_CB_3	0.1677	311.8	01Jan2006, 12:15	28.46
R_GB_1	0.1663	298.78	01Jan2006, 12:25	25.33
R_PBT1_1	0.1682	97.54	01Jan2006, 12:20	11.74
R_PB_1	0.9862	710.93	01Jan2006, 12:50	113.65
R_PB_2	0.8323	637.02	01Jan2006, 12:40	98.71
R_PB_3	0.2727	238.52	01Jan2006, 12:47	31.17
R_RBT1_1	0.2113	701.64	01Jan2006, 12:11	46.78
R_RBT1_2	0.1685	582.96	01Jan2006, 12:04	37.35
R_RB_1	3.0953	2007.73	01Jan2006, 13:29	557.01
R_RB_10	1.1918	1423.87	01Jan2006, 12:42	213.64
R_RB_11	0.9269	1257.46	01Jan2006, 12:35	163.78
R_RB_12	0.6298	823.99	01Jan2006, 12:30	105.06
R_RB_13	0.5006	739.51	01Jan2006, 12:25	86.87
R_RB_14_1	0.3472	504.26	01Jan2006, 12:19	60.76
R_RB_14_2	0.3472	514.07	01Jan2006, 12:17	60.8
R_RB_15	0.2576	313.13	01Jan2006, 12:10	45.2
R_RB_16_1	0.1645	157.13	01Jan2006, 12:27	26.02

R_RB_16_2	0.1645	157.13	01Jan2006, 12:19	26.08
R_RB_2	2.9041	1971.87	01Jan2006, 13:27	524.82
R_RB_3	2.7305	2097.19	01Jan2006, 12:52	490.15
R_RB_4	2.5176	1986.18	01Jan2006, 12:49	443.03
R_RB_5	2.4713	1977.47	01Jan2006, 12:48	437.77
R_RB_6	2.3635	1943.87	01Jan2006, 12:42	415.45
R_RB_7	1.9409	1741.65	01Jan2006, 12:34	338.6
R_RB_8	1.7677	1600.74	01Jan2006, 12:50	300.69
R_RB_9	1.4554	1511.36	01Jan2006, 12:52	259.68
R_SB_1	1.1695	830.83	01Jan2006, 12:41	188.44
R_SB_2	1.0274	787.59	01Jan2006, 12:31	166.39
R_SB_3	0.7737	599.35	01Jan2006, 12:43	126.34
R_SB_4	0.5468	397.18	01Jan2006, 12:52	89.22
R_SB_7	0.1701	311.64	01Jan2006, 12:19	32.21
R_WCT10_1	0.2318	319.32	01Jan2006, 12:30	38.31
R_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
R_WCT11_2	0.16	162.42	01Jan2006, 12:27	17.39
R_WCT12A_1	0.2173	403.51	01Jan2006, 12:22	35.55
R_WCT12A_2	0.1534	271.95	01Jan2006, 12:13	23.53
R_WCT12B_1	0.0844	186.63	01Jan2006, 12:12	13.43
R_WCT12_1	0.9312	505.02	01Jan2006, 13:01	141.48
R_WCT12_2	0.8193	662.91	01Jan2006, 12:30	128.14
R_WCT12_3	0.8089	657.05	01Jan2006, 12:25	126.48
R_WCT12_4	0.4333	267.95	01Jan2006, 12:53	62.9
R_WCT12_5_1	0.191	225.72	01Jan2006, 12:31	29.73
R_WCT12_5_2	0.2754	184.48	01Jan2006, 12:52	42.46
R_WCT13_1	0.5049	325.86	01Jan2006, 13:02	65.61
R_WCT13_2	0.4078	562.2	01Jan2006, 12:27	54.47
R_WCT13_3	0.2575	382.83	01Jan2006, 12:21	34.87
R_WCT13_4	0.1561	220.66	01Jan2006, 12:14	20.37
R_WCT14_1	0.2542	402.75	01Jan2006, 12:18	36.49
R_WCT14_2_1	0.1748	243.44	01Jan2006, 12:14	21.43
R_WCT14_2_2	0.1748	243.44	01Jan2006, 12:10	21.46
R_WCT15_1	0.2481	347.6	01Jan2006, 12:31	40.94
R_WCT15_2	0.1794	294.15	01Jan2006, 12:18	28.26
R_WCT16_1	0.2939	361.37	01Jan2006, 12:20	31.71
R_WCT16_2	0.2106	348.37	01Jan2006, 12:14	23.9
R_WCT16_3	0.1646	300.6	01Jan2006, 12:09	19.54
R_WCT17_1	0.7076	614.19	01Jan2006, 12:56	103.33
R_WCT17_2	0.6196	756.44	01Jan2006, 12:18	90.14
R_WCT17_3	0.4336	511.08	01Jan2006, 12:19	64.77
R_WCT17_4	0.2541	303.94	01Jan2006, 12:34	37.67
R_WCT17_5	0.2078	412.93	01Jan2006, 12:23	31.01
R_WCT17_7	0.1909	402.35	01Jan2006, 12:16	28.6
R_WCT18_1	0.3909	902.58	01Jan2006, 12:21	77.28
R_WCT18_2	0.2968	719.99	01Jan2006, 12:15	57.59
R_WCT18_3	0.2071	517.02	01Jan2006, 12:08	42.34
R_WCT19_1	0.1616	274.21	01Jan2006, 12:23	31
R_WCT1_1	0.2847	366.93	01Jan2006, 12:31	38.87
R_WCT1_2	0.2476	337.26	01Jan2006, 12:22	32.62

R_WCT1_3	0.1611	221.5	01Jan2006, 12:16	21.23
R_WCT20_1	0.2266	599.13	01Jan2006, 12:15	49.03
R_WCT20_2	0.169	485.84	01Jan2006, 12:14	37.65
R_WCT21_1	0.2181	238.45	01Jan2006, 12:08	37.97
R_WCT21_2	0.1657	129.72	01Jan2006, 12:29	28.99
R_WCT22_1	0.5242	686.76	01Jan2006, 12:35	119.02
R_WCT22_2	0.347	434.15	01Jan2006, 12:36	85.72
R_WCT22_3	0.2027	581.7	01Jan2006, 12:10	48.84
R_WCT23_1	0.2045	380.05	01Jan2006, 12:18	34.64
R_WCT23_2	0.1653	325.87	01Jan2006, 12:16	26.88
R_WCT24_1	0.6657	843.31	01Jan2006, 12:39	104.77
R_WCT24_2	0.5429	771.65	01Jan2006, 12:37	86.81
R_WCT24_3	0.2916	444.56	01Jan2006, 12:27	47.23
R_WCT24_4	0.1858	374.94	01Jan2006, 12:18	31.71
R_WCT25_1	0.1569	298.32	01Jan2006, 12:11	25
R_WCT26_1	0.2949	246.27	01Jan2006, 12:38	45.58
R_WCT26_2	0.1835	159.05	01Jan2006, 12:34	24.28
R_WCT2_1	0.1566	157.99	01Jan2006, 12:20	15.41
R_WCT3_1	0.1582	126.58	01Jan2006, 12:30	16.02
R_WCT4_1	0.1483	184.75	01Jan2006, 12:21	16.08
R_WCT5A_1	0.1308	269.56	01Jan2006, 12:10	22.7
R_WCT5_1_1	0.2816	457.14	01Jan2006, 12:34	46.81
R_WCT5_1_2	0.1508	292.17	01Jan2006, 12:24	24.31
R_WCT6_1	0.152	259.87	01Jan2006, 12:15	22.2
R_WCT7_1	0.2674	393.83	01Jan2006, 12:25	41.68
R_WCT7_2	0.2009	297.24	01Jan2006, 12:17	31.83
R_WCT7_2_1	0.2009	297.24	01Jan2006, 12:18	31.82
R_WCT8A_1	0.1499	240.53	01Jan2006, 12:19	23.07
R_WCT8_1	1.394	1215.88	01Jan2006, 12:59	204.68
R_WCT8_2	1.2056	1170.1	01Jan2006, 12:42	173.48
R_WCT8_3	1.041	1020.88	01Jan2006, 12:33	146.48
R_WCT8_4	0.5591	482.81	01Jan2006, 12:50	70.8
R_WCT8_5	0.3137	336.6	01Jan2006, 12:37	37.09
R_WCT8_6	0.1524	216.59	01Jan2006, 12:21	20.54
R_WCT9_1	0.5992	772.13	01Jan2006, 12:40	98.99
R_WCT9_2	0.522	745.97	01Jan2006, 12:37	85.79
R_WCT9_3	0.3752	651.72	01Jan2006, 12:24	62.3
R_WCT9_4	0.326	591.7	01Jan2006, 12:19	54.46
R_WCT9_5	0.155	311.42	01Jan2006, 12:12	25.64
R_WC_1	45.4339	4758.27	01Jan2006, 22:42	3275.84
R_WC_11	28.2364	4563.98	01Jan2006, 17:02	3313.06
R_WC_12	27.8599	4773.19	01Jan2006, 16:12	3457.09
R_WC_13	26.1498	4643.73	01Jan2006, 16:04	3221.1
R_WC_14	25.5	4683.55	01Jan2006, 15:36	3228.95
R_WC_15	25.1407	4651.97	01Jan2006, 15:33	3170.13
R_WC_16	25.0031	4639.74	01Jan2006, 15:30	3143.67
R_WC_17	24.4871	4859.36	01Jan2006, 14:50	3096.18
R_WC_18	23.3542	5267.83	01Jan2006, 14:08	3062.19
R_WC_19	22.5635	5751.01	01Jan2006, 13:36	3046.1
R_WC_2	44.716	4875.14	01Jan2006, 21:25	3699

R_WC_20	20.4442	4626.03	01Jan2006, 13:37	2728.98
R_WC_21	17.14	2677.19	01Jan2006, 13:17	2161.05
R_WC_22	15.9359	2403.05	01Jan2006, 12:44	1973.44
R_WC_23	14.6682	2200.31	01Jan2006, 17:29	1782.46
R_WC_24	14.269	2206.65	01Jan2006, 16:41	1756.01
R_WC_25	13.5417	2162.73	01Jan2006, 16:18	1635.57
R_WC_26	13.2146	2159.67	01Jan2006, 15:28	1621.74
R_WC_27	12.1198	2071.5	01Jan2006, 15:41	1489.88
R_WC_29	8.9555	1772.53	01Jan2006, 15:25	1244.3
R_WC_3	44.2548	4936.8	01Jan2006, 20:36	3922.68
R_WC_30	7.6516	1613.43	01Jan2006, 15:21	1049.6
R_WC_31	7.3276	1588.59	01Jan2006, 15:14	1003.98
R_WC_32	6.9932	1557.06	01Jan2006, 15:12	940.8
R_WC_34	4.5508	2330.97	01Jan2006, 13:49	805.06
R_WC_35	4.3244	2351.03	01Jan2006, 12:49	768.51
R_WC_36	3.3506	2118.94	01Jan2006, 13:41	601.58
R_WC_37	3.133	2141.88	01Jan2006, 13:13	568.04
R_WC_38	2.4774	1824.41	01Jan2006, 13:12	448.64
R_WC_39	2.3827	2212.44	01Jan2006, 12:49	433.49
R_WC_4	43.4311	5005.65	01Jan2006, 19:47	4081.53
R_WC_40	1.9907	2023.65	01Jan2006, 12:37	374.26
R_WC_41	0.8865	810.75	01Jan2006, 13:23	151.54
R_WC_5	30.7752	4464.19	01Jan2006, 19:24	2988.03
R_WC_6	30.4756	4478.5	01Jan2006, 18:52	3106.72
R_WC_7	29.7539	4512.98	01Jan2006, 18:15	3147.41
R_WC_8	29.3908	4532.15	01Jan2006, 17:50	3182.03
R_WC_9	28.7992	4504.3	01Jan2006, 17:40	3165.18
R_WildBT1_1	0.5604	829.66	01Jan2006, 12:18	103.94
R_WildBT1_2	0.3855	577.77	01Jan2006, 12:19	77.8
R_WildBT1_3	0.2021	245.32	01Jan2006, 12:33	42.33
R_WildBT1_4	0.1682	421.03	01Jan2006, 12:12	34.35
R_WildBT2_1	0.1578	152.38	01Jan2006, 12:24	16.39
R_WildB_1	1.9683	1151.4	01Jan2006, 13:25	336.23
R_WildB_2	1.7985	1119.22	01Jan2006, 13:20	295.33
R_WildB_3	1.5056	1626.62	01Jan2006, 12:44	243.1
R_WildB_4	1.3893	1489.97	01Jan2006, 12:35	219.32
R_WildB_5	0.7574	819.25	01Jan2006, 12:36	105.28
R_WildB_6	0.5209	636.65	01Jan2006, 12:33	78.58
R_WildB_7	0.1817	246.98	01Jan2006, 12:24	26.69
R_WildB_8	0.1569	235.76	01Jan2006, 12:18	23.25
R_WtsnB_1	0.9036	1298.19	01Jan2006, 12:42	153.07
R_WtsnB_2	0.1687	197.96	01Jan2006, 12:32	26.03
R_WtsnB_3	0.1534	216.83	01Jan2006, 12:19	23.77
RockyTrib1 Generic Reservoir	0.2582	252.29	01Jan2006, 12:24	55.15
SB_1	0.0481	160.92	01Jan2006, 12:01	10.1
SB_2	0.142	301.48	01Jan2006, 12:06	22.32
SB_3	0.2538	371.02	01Jan2006, 12:16	40.22
SB_4	0.2269	270.45	01Jan2006, 12:27	37.29
SB_5	0.0267	73.49	01Jan2006, 12:03	4.83
SB_6	0.103	193.75	01Jan2006, 12:10	16.89

SB_7	0.247	277.32	01Jan2006, 12:30	40.42
SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
WCLAKRA_LakeRaleighA_WCT18	0.5326	821.25	01Jan2006, 12:27	105.03
WCT10_1	0.0994	192.15	01Jan2006, 12:15	20.49
WCT10_2	0.2318	319.46	01Jan2006, 12:20	38.42
WCT10_MLK	0.2318	319.32	01Jan2006, 12:21	38.41
WCT11_1	0.107	212.78	01Jan2006, 12:11	20.05
WCT11_2	0.182	261.33	01Jan2006, 12:13	25.87
WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
WCT11_I40	0.449	535.55	01Jan2006, 12:21	63.3
WCT12A_1	0.0701	194.63	01Jan2006, 12:05	14.81
WCT12A_2	0.0638	132.84	01Jan2006, 12:10	12.11
WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
WCT12B_1	0.0844	199.43	01Jan2006, 12:04	13.52
WCT12_1	0.2062	550.48	01Jan2006, 12:08	48.49
WCT12_2	0.0529	84.55	01Jan2006, 12:12	8.08
WCT12_3	0.0104	28.56	01Jan2006, 12:03	1.89
WCT12_4	0.0882	173.71	01Jan2006, 12:07	13.34
WCT12_5_1	0.1579	201	01Jan2006, 12:17	21.98
WCT12_5_2	0.0296	74.33	01Jan2006, 11:59	4.14
WCT12_6	0.1614	241.69	01Jan2006, 12:16	25.99
WCT12_I40	1.1374	563.09	01Jan2006, 13:02	189.51
WCT12_RR_Xsing	0.2754	184.48	01Jan2006, 12:48	42.51
WCT12_SouthSaundersSt	0.9312	505.02	01Jan2006, 12:51	141.92
WCT13_1	0.1616	250.4	01Jan2006, 12:19	29.71
WCT13_2	0.0971	202.3	01Jan2006, 12:07	15.79
WCT13_3	0.1502	196.73	01Jan2006, 12:14	19.75
WCT13_4	0.1014	185.87	01Jan2006, 12:07	14.61
WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
WCT13_I40	0.6855	375.93	01Jan2006, 13:08	96.59
WCT13_RRXsing	0.6855	376.34	01Jan2006, 13:07	96.59
WCT14_1	0.0875	192.49	01Jan2006, 12:09	16.37
WCT14_2	0.0794	212.48	01Jan2006, 12:04	15.18
WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
WCT15_1	0.1265	372.15	01Jan2006, 12:06	30.52
WCT15_2	0.0686	168.88	01Jan2006, 12:06	12.79
WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
WCT15_I40	0.2481	347.6	01Jan2006, 12:22	41.04
WCT16_1	0.0111	22.48	01Jan2006, 12:01	1.32
WCT16_2	0.0834	138.73	01Jan2006, 12:00	8.03
WCT16_3	0.0459	48.23	01Jan2006, 12:11	4.4
WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
WCT17_1	0.3585	218.62	01Jan2006, 12:28	32.2
WCT17_2	0.088	194.5	01Jan2006, 12:05	13.96
WCT17_3	0.186	272.63	01Jan2006, 12:12	25.42
WCT17_4	0.1796	300.43	01Jan2006, 12:11	27.2
WCT17_5	0.0463	95.11	01Jan2006, 12:05	6.7
WCT17_6	0.0169	40.89	01Jan2006, 12:01	2.47
WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
WCT17_I40	0.7076	614.19	01Jan2006, 12:33	104.06

WCT17_LineberryDr	0.2541	303.94	01Jan2006, 12:31	37.7
WCT18_1	0.1417	469.24	01Jan2006, 12:00	28.06
WCT18_2	0.0941	247.17	01Jan2006, 12:06	19.83
WCT18_3	0.0897	231.44	01Jan2006, 12:03	15.38
WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
WCT19_1	0.153	275.04	01Jan2006, 12:07	21.32
WCT19_2	0.1616	429.25	01Jan2006, 12:05	31.08
WCT19_Thistledown	0.1616	274.21	01Jan2006, 12:13	31.08
WCT1_1	0.2815	361.28	01Jan2006, 12:18	40.9
WCT1_2	0.0371	88.48	01Jan2006, 12:05	6.37
WCT1_3	0.0866	119.7	01Jan2006, 12:12	11.47
WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
WCT20_1	0.0052	10.57	01Jan2006, 12:02	0.65
WCT20_2	0.0576	142.39	01Jan2006, 12:07	11.4
WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
WCT21_1	0.0178	18.81	01Jan2006, 12:04	1.35
WCT21_2	0.0524	133.56	01Jan2006, 12:03	9.01
WCT21_3	0.1657	376.33	01Jan2006, 12:06	29.04
WCT21_I40	0.1657	129.72	01Jan2006, 12:24	29.03
WCT22_1	0.0664	137.55	01Jan2006, 12:09	12
WCT22_2	0.1772	295.46	01Jan2006, 12:18	33.62
WCT22_3	0.1443	359.15	01Jan2006, 12:11	37.19
WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
WCT22_I40_US	0.347	434.15	01Jan2006, 12:27	85.89
WCT22_I440_DS	0.5905	557.5	01Jan2006, 13:00	131.02
WCT23_1	0.003	10.52	01Jan2006, 12:00	0.67
WCT23_2	0.0392	108.29	01Jan2006, 12:04	7.79
WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
WCT24_1	0.0164	44.88	01Jan2006, 12:03	3.08
WCT24_2	0.1228	193.69	01Jan2006, 12:12	18.05
WCT24_3	0.2513	373.65	01Jan2006, 12:16	39.96
WCT24_4	0.1057	229.43	01Jan2006, 12:04	15.7
WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
WCT25_1	0.0057	15.66	01Jan2006, 12:04	1.09
WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
WCT26_1	0.0147	39.64	01Jan2006, 12:07	3.27
WCT26_2	0.1115	251.63	01Jan2006, 12:10	22.9
WCT26_3	0.1835	256.84	01Jan2006, 12:12	24.38
WCT26_I40	0.2949	246.27	01Jan2006, 12:34	45.64
WCT26_WesternBlvd	0.1835	159.05	01Jan2006, 12:26	24.35
WCT2_1	0.145	143.74	01Jan2006, 12:17	15.93
WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
WCT3_1	0.1274	157.4	01Jan2006, 12:13	15.65
WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
WCT4_1	0.0808	68.34	01Jan2006, 12:14	7.21
WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
WCT5_1	0.1833	405.01	01Jan2006, 12:08	33.92
WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
WCT6_1	0.2012	306.11	01Jan2006, 12:13	29.48

WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
WCT7_1	0.101	178.44	01Jan2006, 12:08	14.73
WCT7_2	0.0666	115.14	01Jan2006, 12:10	9.99
WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
WCT8A_1	0.1221	189.09	01Jan2006, 12:17	21.13
WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
WCT8_1	0.1826	410.94	01Jan2006, 12:14	47.48
WCT8_2	0.1885	370.03	01Jan2006, 12:09	32.23
WCT8_3	0.1646	272.12	01Jan2006, 12:14	27.59
WCT8_4	0.2099	252.49	01Jan2006, 12:23	31.85
WCT8_5	0.2454	364.48	01Jan2006, 12:12	34.11
WCT8_6	0.1614	138.37	01Jan2006, 12:21	16.95
WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
WCT8_I40	1.394	1215.88	01Jan2006, 12:46	205.5
WCT9_1	0.0231	53.03	01Jan2006, 12:01	3.23
WCT9_2	0.0772	199.05	01Jan2006, 12:03	13.31
WCT9_3	0.1468	288.18	01Jan2006, 12:08	23.78
WCT9_4	0.0492	101.32	01Jan2006, 12:07	7.95
WCT9_5	0.171	283.62	01Jan2006, 12:14	28.91
WCT9_6	0.155	317.43	01Jan2006, 12:08	25.66
WCT9_MLK	0.522	745.97	01Jan2006, 12:27	86.03
WCT9_PooleRd	0.155	311.42	01Jan2006, 12:10	25.65
WC_1	0.6191	699.58	01Jan2006, 12:24	91.51
WC_10	0.3731	420.77	01Jan2006, 12:24	54.96
WC_11	0.5628	1006.37	01Jan2006, 12:13	99
WC_12	0.008	19.33	01Jan2006, 12:02	1.23
WC_13	0.1335	255.18	01Jan2006, 12:09	21.88
WC_14	0.0276	62.15	01Jan2006, 12:04	4.23
WC_15	0.0282	95.4	01Jan2006, 12:03	7.04
WC_16	0.1376	335.57	01Jan2006, 12:11	34.55
WC_17	0.115	281.8	01Jan2006, 12:11	28.31
WC_18	0.1116	174.28	01Jan2006, 12:13	16.78
WC_19	0.3417	649.73	01Jan2006, 12:12	63.32
WC_2	0.1517	184.47	01Jan2006, 12:17	20.12
WC_20	0.0332	118.41	01Jan2006, 12:00	7.49
WC_21	0.076	114.51	01Jan2006, 12:16	12.35
WC_22	0.0499	160.72	01Jan2006, 12:03	11.2
WC_23	0.5254	814.04	01Jan2006, 12:20	99.34
WC_24	0.0575	157.29	01Jan2006, 12:06	12.73
WC_25	0.3527	841.42	01Jan2006, 12:07	68.11
WC_26	0.0221	78.92	01Jan2006, 12:02	5.51
WC_27	0.0287	94.3	01Jan2006, 12:04	7.29
WC_28	0.4701	1144.14	01Jan2006, 12:09	104.54
WC_29	0.2428	348.91	01Jan2006, 12:16	37.89
WC_3	0.1596	235.44	01Jan2006, 12:14	23.52
WC_30	0.0864	192.01	01Jan2006, 12:05	13.54
WC_31	0.0093	19.51	01Jan2006, 12:04	1.35
WC_32	0.1026	181.43	01Jan2006, 12:08	14.81
WC_33	1.5394	2050.7	01Jan2006, 12:18	233.19
WC_34	0.0766	233.38	01Jan2006, 12:03	15.94

WC_35	0.019	58.71	01Jan2006, 12:03	4.23
WC_36	0.2917	557.75	01Jan2006, 12:15	59.5
WC_37	0.055	126.3	01Jan2006, 12:03	8.38
WC_38	0.6557	828	01Jan2006, 12:29	119.47
WC_39	0.0947	219.1	01Jan2006, 12:05	15.79
WC_4	0.5381	631.53	01Jan2006, 12:14	63.91
WC_40	0.0823	133.37	01Jan2006, 12:11	12.23
WC_41	0.5422	1079.17	01Jan2006, 12:17	127.82
WC_42	0.5619	679	01Jan2006, 12:28	96.87
WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
WC_5	0.5983	415.52	01Jan2006, 12:31	62.56
WC_6	0.0706	117.39	01Jan2006, 12:09	9.86
WC_7	0.2568	483.1	01Jan2006, 12:12	46.77
WC_8	0.0099	18.56	01Jan2006, 12:05	1.31
WC_9	0.2186	265.71	01Jan2006, 12:23	34.22
Watson Generic Reservoir	0.1687	197.96	01Jan2006, 12:27	26.06
White Oak Lake	0.5201	391.42	01Jan2006, 12:46	84.64
WildBT1_1	0.0362	89.59	01Jan2006, 12:05	6.68
WildBT1_2	0.1749	310.22	01Jan2006, 12:09	26.25
WildBT1_3	0.1834	365.86	01Jan2006, 12:12	35.57
WildBT1_4	0.0339	120.36	01Jan2006, 12:01	8.09
WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
WildBT2_1	0.0239	39.82	01Jan2006, 12:10	3.44
WildBT2_2	0.1578	174.32	01Jan2006, 12:12	16.43
WildBTrb1_Tryon_And_Chapanoke	0.2021	245.32	01Jan2006, 12:25	42.42
WildB_1	0.1177	316.58	01Jan2006, 12:07	26.38
WildB_2	0.1698	395.33	01Jan2006, 12:12	41.1
WildB_3	0.2929	428.41	01Jan2006, 12:21	52.89
WildB_4	0.1163	221.82	01Jan2006, 12:16	24.61
WildB_5	0.0353	52.35	01Jan2006, 12:07	4.06
WildB_6	0.0548	81.29	01Jan2006, 12:10	7.06
WildB_7	0.3393	390.36	01Jan2006, 12:25	52.09
WildB_8	0.0248	61.69	01Jan2006, 12:00	3.48
WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29
WildBrnchT2_RRXsing	0.1578	152.38	01Jan2006, 12:18	16.43
WildcatBranch_I40Xsing	1.9683	1151.4	01Jan2006, 13:23	336.42
WildcatBranch_RRXsing	1.7985	1119.22	01Jan2006, 13:15	295.75
WtsnB_1	0.1177	247.55	01Jan2006, 12:10	21.89
WtsnB_2	0.0956	269.77	01Jan2006, 12:02	17.73
WtsnB_3	0.0154	41.73	01Jan2006, 11:59	2.3
WtsnB_4	0.1534	216.83	01Jan2006, 12:17	23.78

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.053	6519.06	01Jan2006, 22:19	4704.61
72_CarolinaPines_WCT13	0.5049	678.81	01Jan2006, 12:36	92.25
AreaA	0.0567	119.26	01Jan2006, 12:13	11.71
AreaB1	0.019	27.98	01Jan2006, 12:05	1.99
AreaB2	0.059	100.67	01Jan2006, 12:09	8.46
AreaC1	0.0168	61.65	01Jan2006, 12:06	5.58
AreaC2	0.0823	241.41	01Jan2006, 12:11	23.71
Avent Ferry Dr	1.1695	1092.12	01Jan2006, 12:53	254.76
BBT1_1	0.5004	531.99	01Jan2006, 12:42	93.63
BBT1_2	0.272	509.21	01Jan2006, 12:14	50.98
BBT1_3	3.9284	2842.99	01Jan2006, 13:03	638.62
BBT2_1	0.2378	264.35	01Jan2006, 12:37	43.31
BBT2_2	0.1003	153.08	01Jan2006, 12:18	17.27
BBT2_3	0.0099	31.22	01Jan2006, 12:00	1.79
BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
BBT3A_1	0.0277	27.58	01Jan2006, 12:17	3.15
BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
BBT3_1	0.2625	323.27	01Jan2006, 12:29	46.14
BBT3_2	0.2544	335.04	01Jan2006, 12:28	46.87
BBT3_3	0.1488	177.68	01Jan2006, 12:20	21.46
BBT3_4	0.1146	205.59	01Jan2006, 12:11	18.42
BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
BBT4A_1	0.0355	60.18	01Jan2006, 12:09	5.07
BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
BBT4_1	0.2036	267.81	01Jan2006, 12:17	29.7
BBT4_2	0.3116	293.2	01Jan2006, 12:29	42.43
BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
BBT5_1	0.1414	225.78	01Jan2006, 12:08	18.32
BBT5_2	0.1343	125.26	01Jan2006, 12:23	16.23
BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
BB_1	0.3673	352.42	01Jan2006, 12:42	61.92
BB_2	0.4078	463.14	01Jan2006, 12:33	71.12
BB_3	0.1114	264.41	01Jan2006, 12:11	24.85
BB_4	0.2583	365.19	01Jan2006, 12:15	37.99
BB_5	0.2954	375.28	01Jan2006, 12:18	42.33
BB_6	0.006	13.56	01Jan2006, 12:04	0.92
BB_7	1.233	994.82	01Jan2006, 12:44	180.46
BigBranchTrib1_I40Xsing	3.9284	1858.47	01Jan2006, 13:45	630.19
BigBranchTrib3_I40Xsing	0.9359	1134.61	01Jan2006, 12:47	160.02
BigBrnch_AuburnChurchRd_US	1.233	992.89	01Jan2006, 12:45	180.24
BushBT1_1	0.0988	235.19	01Jan2006, 12:08	19.58
BushBT1_2	0.1312	461.15	01Jan2006, 12:04	32.87
BushB_1	0.2184	523.65	01Jan2006, 12:14	54.79
BushB_2	0.1747	379.4	01Jan2006, 12:12	36.3
BushB_3	0.177	431.23	01Jan2006, 12:10	38.6
BushB_4	0.1027	292.2	01Jan2006, 12:07	22.89
Bushy Branch Generic Reservoir	0.972	1785.27	01Jan2006, 12:28	236.97
CBT1_1	0.0096	28.66	01Jan2006, 11:59	1.55

CBT1_2	0.0184	70.36	01Jan2006, 11:59	3.97
CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
CB_1	0.0436	152.91	01Jan2006, 12:03	10.18
CB_2	0.0701	252.23	01Jan2006, 12:00	14.87
CB_3	0.1607	351.25	01Jan2006, 12:14	35.44
CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
Cary Towne Blvd	1.4288	1908.75	01Jan2006, 12:21	364.29
DortheaDixFarmPnd_WCT16	0.2939	528.86	01Jan2006, 12:16	45.83
GB_1	0.2347	569.41	01Jan2006, 12:13	56.32
GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
GatlingBranch_I40Xsing	0.401	855.12	01Jan2006, 12:21	90.84
I-440 Beltline	0.5468	630.54	01Jan2006, 12:45	120.45
J_BBT1_1	5.8992	2825.17	01Jan2006, 13:30	970.44
J_BBT1_1_BB_2	11.6903	6747.8	01Jan2006, 13:25	1863.94
J_BBT1_2	4.2004	1902.49	01Jan2006, 13:56	678.58
J_BBT1_3	3.9284	1858.47	01Jan2006, 13:45	630.19
J_BBT2_1	0.508	739.3	01Jan2006, 12:35	91.33
J_BBT2_1_BB_3	5.3834	3842.86	01Jan2006, 12:49	828.3
J_BBT2_2	0.2702	487.08	01Jan2006, 12:18	48.25
J_BBT2_3	0.1698	334	01Jan2006, 12:12	31.03
J_BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
J_BBT3A_1	0.2329	346.79	01Jan2006, 12:21	36.2
J_BBT3A_1_BBT3_3	0.6816	1101.99	01Jan2006, 12:24	113.71
J_BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
J_BBT3_1	1.1985	1338.09	01Jan2006, 12:51	205.7
J_BBT3_1_BBT1_2	5.3988	2589.32	01Jan2006, 13:09	884.28
J_BBT3_2	0.9359	1134.61	01Jan2006, 12:47	160.02
J_BBT3_3	0.4486	770.04	01Jan2006, 12:26	77.51
J_BBT3_4	0.2998	600.71	01Jan2006, 12:16	56.22
J_BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
J_BBT4A_1	0.239	455.25	01Jan2006, 12:11	37.26
J_BBT4A_1_BBT4_2	0.7267	782.07	01Jan2006, 12:26	101.54
J_BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
J_BBT4_1	0.9302	938.45	01Jan2006, 12:28	130.74
J_BBT4_2	0.4876	579.25	01Jan2006, 12:29	64.28
J_BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
J_BBT5_1	0.8798	686.37	01Jan2006, 12:49	133.42
J_BBT5_1_BB_7	2.1128	1677.31	01Jan2006, 12:47	313.66
J_BBT5_2	0.7384	649.96	01Jan2006, 12:42	115.41
J_BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
J_BB_1	12.0576	6884.15	01Jan2006, 13:25	1916.29
J_BB_1_WC_5	43.4311	8906.95	01Jan2006, 13:40	6117.15
J_BB_2	5.7911	4074.24	01Jan2006, 13:09	893.51
J_BB_3	4.8754	3465.45	01Jan2006, 13:05	736.97
J_BB_4	3.6026	2423.91	01Jan2006, 13:01	521.09
J_BB_5	2.4141	1775.72	01Jan2006, 13:02	355.06
J_BB_5_BBT4_1	3.3443	2343.67	01Jan2006, 12:45	485.81
J_BB_6	2.1187	1678.74	01Jan2006, 12:50	314.25
J_BB_7	1.233	992.89	01Jan2006, 12:45	180.24
J_BushBT1_1	0.3765	864.43	01Jan2006, 12:21	93.52

J_BushBT1_1_BushB_2	1.7003	2361.57	01Jan2006, 12:28	403.96
J_BushBT1_2	0.2777	730.66	01Jan2006, 12:07	74.2
J_BushBT1_3	0.1465	403.74	01Jan2006, 12:12	41.37
J_BushBT2_1	0.1979	469.72	01Jan2006, 12:08	40.05
J_BushBT2_2	0.1777	412.23	01Jan2006, 12:09	35.12
J_BushBT2_T4_T5	0.8692	2650.76	01Jan2006, 12:12	214.85
J_BushBT3_1	0.2231	824.75	01Jan2006, 12:06	57.59
J_BushBT3_1_BushBT4_2	0.4202	1497.62	01Jan2006, 12:05	106.85
J_BushBT3_2	0.1883	739.44	01Jan2006, 12:03	51.43
J_BushBT4_1	0.4765	1609.63	01Jan2006, 12:13	124.35
J_BushBT4_2	0.1972	696.58	01Jan2006, 12:03	49.27
J_BushBT4_3	0.1642	624.55	01Jan2006, 12:03	43.96
J_BushBT5_1	0.1949	621.65	01Jan2006, 12:11	50.45
J_BushBT5_2	0.1609	518.14	01Jan2006, 12:06	40.67
J_BushB_1	1.9187	2623.31	01Jan2006, 12:34	457.92
J_BushB_2	1.3238	1617.23	01Jan2006, 12:29	310.44
J_BushB_3	1.149	1508.8	01Jan2006, 12:54	275.05
J_BushB_4	0.972	1505.91	01Jan2006, 12:42	236.78
J_CBT1_1	0.1972	554.76	01Jan2006, 12:13	48.7
J_CBT1_1_CB_3	0.5256	1320.59	01Jan2006, 12:14	122.25
J_CBT1_2	0.1876	549.48	01Jan2006, 12:09	47.2
J_CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
J_CB_1	0.6393	1390.92	01Jan2006, 12:26	146.87
J_CB_2	0.5958	1362.9	01Jan2006, 12:21	136.9
J_CB_3	0.3284	766.67	01Jan2006, 12:14	73.56
J_CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
J_CryTwnBlvdRes_WC_42	1.9907	2770.21	01Jan2006, 12:22	493.63
J_GB_1	0.401	855.12	01Jan2006, 12:21	90.84
J_GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
J_PBT1_1	0.1747	167.98	01Jan2006, 12:19	19.09
J_PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
J_PB_1	1.1613	1155.49	01Jan2006, 12:43	192.75
J_PB_1_BB_4	4.7639	3428.85	01Jan2006, 12:59	713.84
J_PB_2	0.9862	1018.81	01Jan2006, 12:35	162.12
J_PB_3	0.6575	797.11	01Jan2006, 12:37	120.93
J_PB_3_PBT1_1	0.8323	905.36	01Jan2006, 12:34	140.03
J_PB_4	0.2727	337.01	01Jan2006, 12:22	44.89
J_RBT1_1	0.2582	964.35	01Jan2006, 12:11	71.61
J_RBT1_1_RB_7	2.3635	2691.89	01Jan2006, 12:33	551.71
J_RBT1_2	0.2113	886.35	01Jan2006, 12:02	60.02
J_RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
J_RB_1	3.146	2569.42	01Jan2006, 13:34	751.02
J_RB_10	1.4554	1988.66	01Jan2006, 12:38	345.34
J_RB_11	1.1918	1874.27	01Jan2006, 12:34	283.74
J_RB_12	0.9269	1666.62	01Jan2006, 12:27	217.91
J_RB_13	0.6298	1101.33	01Jan2006, 12:23	141.11
J_RB_14	0.5006	981.47	01Jan2006, 12:16	116.01
J_RB_15	0.3472	673.69	01Jan2006, 12:07	81.09
J_RB_16	0.2576	409.33	01Jan2006, 12:07	60.14
J_RB_17	0.1645	486.09	01Jan2006, 12:05	35.65

J_RB_1_WC_21	20.4442	6023.5	01Jan2006, 13:27	3760.52
J_RB_2	3.0953	2558.36	01Jan2006, 13:31	736.07
J_RB_3	2.9041	2754.55	01Jan2006, 12:52	695.53
J_RB_4	2.7305	2683.96	01Jan2006, 12:48	648.51
J_RB_5	2.5176	2553.4	01Jan2006, 12:50	587.63
J_RB_6	2.4713	2541.87	01Jan2006, 12:44	580.85
J_RB_7	2.1053	2420.65	01Jan2006, 12:33	480.77
J_RB_8	1.9409	2328.41	01Jan2006, 12:20	451.6
J_RB_9	1.7677	2117.56	01Jan2006, 12:46	401.9
J_SB_1	1.2176	1105.29	01Jan2006, 12:57	267.49
J_SB_1_WC_30	8.9555	2548.72	01Jan2006, 12:22	1716.2
J_SB_2	1.1695	1213.15	01Jan2006, 12:35	254.76
J_SB_3	1.0274	1141.95	01Jan2006, 12:33	224.74
J_SB_4	0.7737	903.84	01Jan2006, 12:41	170.44
J_SB_5	0.5468	702.3	01Jan2006, 12:36	120.55
J_SB_6	0.5201	926.85	01Jan2006, 12:18	119.53
J_SB_7	0.417	749.86	01Jan2006, 12:22	96.78
J_SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
J_WC37_WCT25_1	3.3506	2717.77	01Jan2006, 13:10	796.6
J_WCT10_1	0.3311	583.05	01Jan2006, 12:27	78.07
J_WCT10_2	0.2318	420.22	01Jan2006, 12:24	51.64
J_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
J_WCT11_1_WC_19	23.3542	7783.56	01Jan2006, 13:33	4305.73
J_WCT11_2	0.342	533.74	01Jan2006, 12:19	60.77
J_WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
J_WCT12A_1	0.2874	635.63	01Jan2006, 12:20	66.99
J_WCT12A_1_WCT12_4	0.8089	910.25	01Jan2006, 12:22	171.55
J_WCT12A_2	0.2173	541.97	01Jan2006, 12:12	47.99
J_WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
J_WCT12B_1	0.0844	254.57	01Jan2006, 12:06	18.21
J_WCT12_1	1.1374	662.57	01Jan2006, 13:23	253.36
J_WCT12_1_WC_22	17.14	3736.37	01Jan2006, 12:55	2994.48
J_WCT12_2	0.9312	626.95	01Jan2006, 12:56	193.02
J_WCT12_3	0.8193	917.8	01Jan2006, 12:24	173.92
J_WCT12_4	0.5215	389.01	01Jan2006, 12:44	104.57
J_WCT12_5_1_WCT12B_1	0.2754	215.73	01Jan2006, 12:50	57.83
J_WCT12_5_2	0.4333	355.56	01Jan2006, 12:38	86.58
J_WCT12_6	0.191	337.01	01Jan2006, 12:18	40.45
J_WCT13_1	0.6855	680.27	01Jan2006, 13:05	132.96
J_WCT13_1_WC_23	15.9359	3330.07	01Jan2006, 12:28	2741.68
J_WCT13_2	0.5049	678.81	01Jan2006, 12:36	92.25
J_WCT13_3	0.4078	787.93	01Jan2006, 12:19	76.07
J_WCT13_4	0.2575	535.18	01Jan2006, 12:10	48.62
J_WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
J_WCT14_1	0.3417	724.47	01Jan2006, 12:16	71.67
J_WCT14_1_WC_24	14.6682	3262.15	01Jan2006, 15:41	2517.59
J_WCT14_2	0.2542	537.02	01Jan2006, 12:09	50.23
J_WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
J_WCT15_1	0.3746	692.59	01Jan2006, 12:11	93.55
J_WCT15_1_WC_25	14.269	3327.41	01Jan2006, 14:51	2455.5

J_WCT15_2	0.2481	374.78	01Jan2006, 12:28	55.18
J_WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
J_WCT16_1	0.305	535.25	01Jan2006, 12:19	47.66
J_WCT16_1_WC_26	13.5417	3644.71	01Jan2006, 13:57	2313.02
J_WCT16_2	0.2939	528.86	01Jan2006, 12:16	45.83
J_WCT16_3	0.2106	502.93	01Jan2006, 12:09	34.27
J_WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
J_WCT17_1	1.0661	941.59	01Jan2006, 12:42	189.72
J_WCT17_1_WC_27	13.2146	3756.43	01Jan2006, 13:44	2276.32
J_WCT17_2	0.7076	716.64	01Jan2006, 12:37	142.7
J_WCT17_3	0.6196	1010.64	01Jan2006, 12:15	123.91
J_WCT17_4	0.4336	653.52	01Jan2006, 12:12	88.73
J_WCT17_5	0.2541	351.64	01Jan2006, 12:32	51.64
J_WCT17_6	0.2078	562.91	01Jan2006, 12:16	42.51
J_WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
J_WCT18_1	0.5326	1067.18	01Jan2006, 12:27	137.1
J_WCT18_2	0.3909	1167.28	01Jan2006, 12:13	100.98
J_WCT18_3	0.2968	933.74	01Jan2006, 12:06	75.54
J_WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
J_WCT19_1	0.3147	610	01Jan2006, 12:09	70.19
J_WCT19_2	0.1616	309.09	01Jan2006, 12:15	40.78
J_WCT1_1	0.5662	924.68	01Jan2006, 12:27	110.13
J_WCT1_1_WC_2	45.4339	6639.01	01Jan2006, 21:04	5320
J_WCT1_2	0.2847	514.43	01Jan2006, 12:21	54.09
J_WCT1_3	0.2476	474.9	01Jan2006, 12:15	45.66
J_WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
J_WCT20_1	0.2318	764.07	01Jan2006, 12:15	63.93
J_WCT20_1_WC_32	7.3276	2195.03	01Jan2006, 15:25	1370.15
J_WCT20_2	0.2266	759.61	01Jan2006, 12:13	63.04
J_WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
J_WCT21_1	0.2359	316	01Jan2006, 12:07	52.72
J_WCT21_2	0.2181	288.16	01Jan2006, 12:04	50.69
J_WCT21_3	0.1657	138.79	01Jan2006, 12:29	38.69
J_WCT22_1	0.5905	580.81	01Jan2006, 13:09	167.3
J_WCT22_1_WC_34	5.2179	3500.75	01Jan2006, 13:44	1254.99
J_WCT22_2	0.5242	801.77	01Jan2006, 12:22	151.78
J_WCT22_3	0.347	469.54	01Jan2006, 12:29	107.8
J_WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
J_WCT23_1	0.2075	511.14	01Jan2006, 12:17	47.24
J_WCT23_2	0.2045	508.29	01Jan2006, 12:14	46.42
J_WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
J_WCT24_1	0.682	1152.82	01Jan2006, 12:38	146.04
J_WCT24_1_WC_36	4.3244	3056.95	01Jan2006, 12:43	1018.71
J_WCT24_2	0.6657	1145.59	01Jan2006, 12:35	142.1
J_WCT24_3	0.5429	1046.34	01Jan2006, 12:21	117.82
J_WCT24_4	0.2916	634.2	01Jan2006, 12:14	63.94
J_WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
J_WCT25_1	0.1626	417.87	01Jan2006, 12:10	35.27
J_WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
J_WCT26_1	0.3096	284.12	01Jan2006, 12:21	65.96

J_WCT26_1_WC_40	2.3827	2899.34	01Jan2006, 12:34	573.86
J_WCT26_2	0.2949	272.13	01Jan2006, 12:38	61.84
J_WCT26_3	0.1835	181.54	01Jan2006, 12:30	33.98
J_WCT2_1	0.3015	447.61	01Jan2006, 12:18	45.54
J_WCT2_1_WC_3	44.716	6674.76	01Jan2006, 20:19	5582.54
J_WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
J_WCT3_1	0.2856	358.01	01Jan2006, 12:20	45.49
J_WCT3_1_WC_4	44.2548	7448.78	01Jan2006, 14:15	5874.54
J_WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
J_WCT4_1	0.2291	368	01Jan2006, 12:19	33.97
J_WCT4_1_WC_6	30.7752	5969.14	01Jan2006, 18:51	4311.41
J_WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
J_WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
J_WCT5_1_1	0.4649	771.48	01Jan2006, 12:30	107.67
J_WCT5_1_1_WC_7	30.4756	6043.09	01Jan2006, 18:14	4486.47
J_WCT5_1_2_WCT5A_1	0.2816	612.6	01Jan2006, 12:19	63.13
J_WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
J_WCT6_1	0.3532	773.82	01Jan2006, 12:14	70.96
J_WCT6_1_WC_8	29.7539	6038.62	01Jan2006, 17:49	4439.82
J_WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
J_WCT7_1	0.3685	654.61	01Jan2006, 12:23	76.85
J_WCT7_1_WC_12	28.2364	6351.29	01Jan2006, 16:11	4763.46
J_WCT7_2	0.2674	537.29	01Jan2006, 12:15	56.76
J_WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
J_WCT8A_1	0.272	577.59	01Jan2006, 12:19	59.61
J_WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
J_WCT8_1	1.5766	1682.53	01Jan2006, 13:01	339.13
J_WCT8_1_WC_13	27.8599	6334.24	01Jan2006, 16:00	4735.12
J_WCT8_2	1.394	1587.55	01Jan2006, 12:50	281.11
J_WCT8_3	1.2056	1610.03	01Jan2006, 12:31	239
J_WCT8_4	0.769	929.46	01Jan2006, 12:30	142.83
J_WCT8_4_WCT8A_1	1.041	1412.8	01Jan2006, 12:25	202.44
J_WCT8_5	0.5591	693.7	01Jan2006, 12:32	99.91
J_WCT8_6	0.3137	488.06	01Jan2006, 12:25	52.86
J_WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
J_WCT9_1	0.6223	944.39	01Jan2006, 12:43	137.59
J_WCT9_1_WC_14	26.1498	6274.34	01Jan2006, 15:34	4510.2
J_WCT9_2	0.5992	937.65	01Jan2006, 12:39	133.26
J_WCT9_3	0.522	907.44	01Jan2006, 12:30	115.78
J_WCT9_4	0.3752	862.33	01Jan2006, 12:18	83.86
J_WCT9_5	0.326	784.94	01Jan2006, 12:13	73.24
J_WCT9_6	0.155	407.01	01Jan2006, 12:10	34.51
J_WC_10_WC_9	29.3908	6020.81	01Jan2006, 17:39	4452.87
J_WC_11	28.7992	6095.53	01Jan2006, 17:01	4627.3
J_WC_12	27.8679	6316.78	01Jan2006, 16:11	4686.62
J_WC_13	26.2833	6160.71	01Jan2006, 16:03	4396
J_WC_14	25.5275	6203.43	01Jan2006, 15:35	4372.61
J_WC_15	25.1689	6163.68	01Jan2006, 15:32	4299.22
J_WC_15_WCT10_1	25.5	6202.77	01Jan2006, 15:32	4377.28
J_WC_16	25.1407	6162.29	01Jan2006, 15:29	4301.76

J_WC_17	24.6021	6447.87	01Jan2006, 14:48	4251.23
J_WC_17_GB_1	25.0031	6500.37	01Jan2006, 14:47	4342.06
J_WC_18	23.4658	6931.24	01Jan2006, 14:06	4183.41
J_WC_19	22.9052	7659.32	01Jan2006, 13:34	4218.97
J_WC_2	44.8677	6613.14	01Jan2006, 21:05	5209.87
J_WC_20	20.4775	5915.28	01Jan2006, 13:43	3725.99
J_WC_21	17.2983	3465.87	01Jan2006, 13:23	3009.51
J_WC_22	16.0026	3268.87	01Jan2006, 17:02	2741.12
J_WC_23	15.2503	3182.87	01Jan2006, 16:58	2608.72
J_WC_24	14.3265	3227.77	01Jan2006, 15:43	2445.92
J_WC_25	13.8944	3277.57	01Jan2006, 14:52	2361.95
J_WC_26	13.2367	3600.7	01Jan2006, 13:57	2265.36
J_WC_27	12.1485	3195.87	01Jan2006, 13:58	2086.6
J_WC_28_WCT18_1	12.1198	6503.86	01Jan2006, 12:29	2473.64
J_WC_29	9.1984	2423.73	01Jan2006, 15:41	1744.88
J_WC_29_BushB_1	11.1171	4964.57	01Jan2006, 12:34	2202.8
J_WC_3	44.4144	6661.87	01Jan2006, 20:20	5537
J_WC_30	7.738	2230.62	01Jan2006, 15:35	1448.71
J_WC_31	7.3369	2194.79	01Jan2006, 15:28	1370.03
J_WC_31_WCT19_1	7.6516	2228.99	01Jan2006, 15:27	1440.22
J_WC_32	7.0958	2166.98	01Jan2006, 15:25	1306.22
J_WC_33_WCT21_1	6.9932	5766.82	01Jan2006, 12:20	1625.96
J_WC_34	4.6274	2936.07	01Jan2006, 13:50	1087.69
J_WC_35	4.3433	3013.91	01Jan2006, 12:50	1023.59
J_WC_35_WCT23_1	4.5508	3131.4	01Jan2006, 12:47	1070.83
J_WC_36	3.6423	2720.72	01Jan2006, 13:39	872.67
J_WC_37	3.188	2674.68	01Jan2006, 13:11	761.32
J_WC_38	3.133	2761.44	01Jan2006, 12:55	749.97
J_WC_39	2.4774	2781.32	01Jan2006, 12:46	592.74
J_WC_4	43.9692	7409.36	01Jan2006, 14:15	5829.05
J_WC_40	2.073	2616.97	01Jan2006, 12:34	507.9
J_WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
J_WC_5	31.3735	5968.49	01Jan2006, 19:23	4200.87
J_WC_6	30.5461	5956.98	01Jan2006, 18:51	4277.44
J_WC_7	30.0107	6009.61	01Jan2006, 18:14	4378.8
J_WC_8	29.4007	6013.78	01Jan2006, 17:49	4368.86
J_WildBT1_1	0.5965	1107.92	01Jan2006, 12:17	145.74
J_WildBT1_1_WildB_5	1.3893	1954.67	01Jan2006, 12:23	297.02
J_WildBT1_2	0.5604	1048.5	01Jan2006, 12:14	137.05
J_WildBT1_3	0.3855	698.72	01Jan2006, 12:13	101.28
J_WildBT1_4	0.2021	260.76	01Jan2006, 12:28	54.8
J_WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
J_WildBT2_1	0.1817	233.52	01Jan2006, 12:19	28.57
J_WildBT2_1_WildB_6	0.7574	1131.15	01Jan2006, 12:31	145.74
J_WildBT2_2	0.1578	202.75	01Jan2006, 12:20	23.88
J_WildB_1	2.086	1827.02	01Jan2006, 13:21	481.25
J_WildB_1_WC_20	22.5635	7610.76	01Jan2006, 13:30	4207.24
J_WildB_2	1.9683	1797.73	01Jan2006, 13:19	447.78
J_WildB_3	1.7985	2018.03	01Jan2006, 13:02	396.53
J_WildB_4	1.5056	2137.79	01Jan2006, 12:32	327.96

J_WildB_5	0.7927	1146.59	01Jan2006, 12:37	151.28
J_WildB_6	0.5757	912.48	01Jan2006, 12:32	117.17
J_WildB_7	0.5209	871.43	01Jan2006, 12:24	107.51
J_WildB_8	0.1817	338.91	01Jan2006, 12:18	36.67
J_WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89
J_WtsnB_1	1.0213	1737.38	01Jan2006, 12:42	233.7
J_WtsnB_1_WC_18	24.4871	7135.04	01Jan2006, 14:04	4417.1
J_WtsnB_2	0.2643	494.61	01Jan2006, 12:04	58.81
J_WtsnB_2_CB_1	0.9036	1663.05	01Jan2006, 12:26	205.68
J_WtsnB_3	0.1687	304.14	01Jan2006, 12:18	35.46
J_WtsnB_4	0.1534	295.19	01Jan2006, 12:17	32.33
Lake Raleigh	12.1198	3233.88	01Jan2006, 13:44	2144.12
Lake_Johnson	6.9932	2157.54	01Jan2006, 15:21	1317.44
PBT1_1	0.0066	11.01	01Jan2006, 12:06	0.81
PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
PB_1	0.1751	264.39	01Jan2006, 12:20	31.15
PB_2	0.154	196.22	01Jan2006, 12:18	22.44
PB_3	0.3848	571	01Jan2006, 12:25	76.39
PB_4_1	0.1089	165.11	01Jan2006, 12:17	17.97
PB_4_2	0.1638	201.46	01Jan2006, 12:25	26.93
Pineview Dr	0.7737	903.72	01Jan2006, 12:42	170.44
PoplarBranch_I40	0.1638	195.52	01Jan2006, 12:30	26.92
Priv_1001_UnderwoodPond_WCT8	0.3137	488.06	01Jan2006, 12:25	52.86
Private15_Ileagnes_WCT12	0.4333	355.56	01Jan2006, 12:38	86.58
Private23_GolfCourseC_WCT12	0.1614	320.41	01Jan2006, 12:19	34.71
Private36_GolfCourseA_WCT12B	0.0844	254.57	01Jan2006, 12:06	18.21
RBT1_1	0.0469	187.43	01Jan2006, 12:01	11.71
RBT1_2	0.0428	210.47	01Jan2006, 11:58	12.19
RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
RB_1	0.0507	193.96	01Jan2006, 12:05	15.53
RB_10	0.2635	852.45	01Jan2006, 12:05	62.34
RB_11	0.265	787.58	01Jan2006, 12:08	66.28
RB_12	0.2971	648.45	01Jan2006, 12:19	77.03
RB_13	0.1292	336.79	01Jan2006, 12:06	25.34
RB_14	0.1534	404.15	01Jan2006, 12:09	35.18
RB_15	0.0896	297.08	01Jan2006, 12:04	21
RB_16	0.0931	328.35	01Jan2006, 12:05	24.91
RB_17	0.1645	486.09	01Jan2006, 12:05	35.65
RB_2	0.1911	449.89	01Jan2006, 12:12	43.68
RB_3	0.1736	563.64	01Jan2006, 12:07	47.86
RB_4	0.2129	613.47	01Jan2006, 12:11	61.04
RB_5	0.0463	117.28	01Jan2006, 12:03	7.68
RB_6	0.1078	426.95	01Jan2006, 12:03	29.69
RB_7	0.1644	406.81	01Jan2006, 12:06	30.83
RB_8	0.1732	570.85	01Jan2006, 12:08	50.02
RB_9	0.3123	663.04	01Jan2006, 12:10	57.63
R_BBT1_1	5.3988	2589.32	01Jan2006, 13:34	876.81
R_BBT1_2	3.9284	1858.47	01Jan2006, 13:57	627.6
R_BBT2_1_1	0.2702	475.92	01Jan2006, 12:34	48.02
R_BBT2_1_2	0.2702	475.92	01Jan2006, 12:23	48.18

R_BBT2_2	0.1698	334	01Jan2006, 12:18	30.98
R_BBT2_3	0.16	325.45	01Jan2006, 12:13	29.24
R_BBT3A_1	0.2052	320.01	01Jan2006, 12:21	33.06
R_BBT3_1	0.9359	1134.61	01Jan2006, 12:56	159.57
R_BBT3_2	0.6816	1101.99	01Jan2006, 12:37	113.25
R_BBT3_3	0.2998	600.71	01Jan2006, 12:26	56.05
R_BBT3_4	0.1852	424.51	01Jan2006, 12:18	37.79
R_BBT4A_1	0.2035	396.38	01Jan2006, 12:11	32.18
R_BBT4_1	0.7267	782.07	01Jan2006, 12:40	101.05
R_BBT4_2	0.176	286.05	01Jan2006, 12:29	21.85
R_BBT5_1	0.7384	649.96	01Jan2006, 12:50	115.1
R_BBT5_2	0.6041	572.03	01Jan2006, 12:46	99.18
R_BB_1	11.6903	6747.8	01Jan2006, 13:40	1854.37
R_BB_2	5.3834	3842.86	01Jan2006, 13:10	822.39
R_BB_3	4.7639	3428.85	01Jan2006, 13:06	712.13
R_BB_4	3.3443	2343.67	01Jan2006, 13:01	483.1
R_BB_5	2.1187	1678.74	01Jan2006, 13:04	312.74
R_BB_6	2.1128	1677.31	01Jan2006, 12:50	313.34
R_BushBT1_1	0.2777	730.66	01Jan2006, 12:22	73.94
R_BushBT1_2	0.1465	403.74	01Jan2006, 12:16	41.33
R_BushBT3_1	0.1883	739.44	01Jan2006, 12:07	51.38
R_BushBT4_1	0.4202	1497.62	01Jan2006, 12:14	106.63
R_BushBT5_1	0.1609	518.14	01Jan2006, 12:12	40.61
R_BushB_1	1.7003	2361.57	01Jan2006, 12:36	403.13
R_BushB_2	1.149	1508.8	01Jan2006, 13:07	274.14
R_BushB_3_1	0.972	1440.89	01Jan2006, 12:56	236.45
R_BushB_3_2	0.972	1505.91	01Jan2006, 12:46	236.54
R_BushB_4_1	0.972	1505.91	01Jan2006, 12:42	236.78
R_BushB_4_2	0.8692	2650.76	01Jan2006, 12:18	214.53
R_CBT1_1	0.1876	549.48	01Jan2006, 12:13	47.15
R_CBT1_2	0.1693	528.56	01Jan2006, 12:10	43.23
R_CB_1	0.5958	1362.9	01Jan2006, 12:27	136.68
R_CB_2	0.5256	1320.59	01Jan2006, 12:21	122.03
R_CB_3	0.1677	415.89	01Jan2006, 12:15	38.12
R_GB_1	0.1663	407.11	01Jan2006, 12:25	34.53
R_PBT1_1	0.1682	163.2	01Jan2006, 12:19	18.28
R_PB_1	0.9862	1018.81	01Jan2006, 12:45	161.6
R_PB_2	0.8323	905.36	01Jan2006, 12:42	139.68
R_PB_3	0.2727	337.01	01Jan2006, 12:46	44.54
R_RBT1_1	0.2113	886.35	01Jan2006, 12:11	59.9
R_RBT1_2	0.1685	735.82	01Jan2006, 12:04	47.83
R_RB_1	3.0953	2558.36	01Jan2006, 13:34	735.49
R_RB_10	1.1918	1874.27	01Jan2006, 12:44	283.01
R_RB_11	0.9269	1666.62	01Jan2006, 12:35	217.46
R_RB_12	0.6298	1101.33	01Jan2006, 12:29	140.88
R_RB_13	0.5006	981.47	01Jan2006, 12:24	115.77
R_RB_14_1	0.3472	662.8	01Jan2006, 12:19	80.83
R_RB_14_2	0.3472	673.69	01Jan2006, 12:17	80.88
R_RB_15	0.2576	409.33	01Jan2006, 12:10	60.09
R_RB_16_1	0.1645	249.69	01Jan2006, 12:25	35.23

R_RB_16_2	0.1645	249.69	01Jan2006, 12:17	35.31
R_RB_2	2.9041	2515.07	01Jan2006, 13:32	692.39
R_RB_3	2.7305	2683.96	01Jan2006, 12:53	647.67
R_RB_4	2.5176	2553.4	01Jan2006, 12:51	587.47
R_RB_5	2.4713	2541.87	01Jan2006, 12:50	579.94
R_RB_6	2.3635	2502.12	01Jan2006, 12:45	551.16
R_RB_7	1.9409	2328.41	01Jan2006, 12:34	449.94
R_RB_8	1.7677	2117.56	01Jan2006, 12:49	401.58
R_RB_9	1.4554	1988.66	01Jan2006, 12:50	344.27
R_SB_1	1.1695	1091.68	01Jan2006, 12:58	254.44
R_SB_2	1.0274	1139.78	01Jan2006, 12:38	224.47
R_SB_3	0.7737	902.78	01Jan2006, 12:44	170.25
R_SB_4	0.5468	630.04	01Jan2006, 12:48	120.25
R_SB_7	0.1701	406.88	01Jan2006, 12:19	42.34
R_WCT10_1	0.2318	420.22	01Jan2006, 12:33	51.52
R_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
R_WCT11_2	0.16	239.18	01Jan2006, 12:26	25.08
R_WCT12A_1	0.2173	541.97	01Jan2006, 12:22	47.86
R_WCT12A_2	0.1534	370.56	01Jan2006, 12:12	32.06
R_WCT12B_1	0.0844	254.57	01Jan2006, 12:11	18.19
R_WCT12_1	0.9312	626.95	01Jan2006, 13:06	192.46
R_WCT12_2	0.8193	917.8	01Jan2006, 12:30	173.62
R_WCT12_3	0.8089	910.25	01Jan2006, 12:25	171.41
R_WCT12_4	0.4333	355.56	01Jan2006, 12:47	86.35
R_WCT12_5_1	0.191	337.01	01Jan2006, 12:25	40.37
R_WCT12_5_2	0.2754	215.73	01Jan2006, 12:54	57.76
R_WCT13_1	0.5049	678.81	01Jan2006, 12:53	91.72
R_WCT13_2	0.4078	787.93	01Jan2006, 12:27	75.89
R_WCT13_3	0.2575	535.18	01Jan2006, 12:20	48.47
R_WCT13_4	0.1561	311.47	01Jan2006, 12:14	28.5
R_WCT14_1	0.2542	537.02	01Jan2006, 12:19	50.09
R_WCT14_2_1	0.1748	321.06	01Jan2006, 12:15	30.3
R_WCT14_2_2	0.1748	321.06	01Jan2006, 12:11	30.34
R_WCT15_1	0.2481	374.78	01Jan2006, 12:37	55.05
R_WCT15_2	0.1794	398.93	01Jan2006, 12:18	38.32
R_WCT16_1	0.2939	528.86	01Jan2006, 12:19	45.78
R_WCT16_2	0.2106	502.93	01Jan2006, 12:14	34.22
R_WCT16_3	0.1646	430.12	01Jan2006, 12:09	27.79
R_WCT17_1	0.7076	716.64	01Jan2006, 13:00	141.77
R_WCT17_2	0.6196	1010.64	01Jan2006, 12:17	123.84
R_WCT17_3	0.4336	653.52	01Jan2006, 12:17	88.61
R_WCT17_4	0.2541	351.64	01Jan2006, 12:35	51.6
R_WCT17_5	0.2078	562.91	01Jan2006, 12:23	42.43
R_WCT17_7	0.1909	548.75	01Jan2006, 12:16	39.12
R_WCT18_1	0.3909	1167.28	01Jan2006, 12:20	100.81
R_WCT18_2	0.2968	933.74	01Jan2006, 12:15	75.37
R_WCT18_3	0.2071	663.9	01Jan2006, 12:08	54.96
R_WCT19_1	0.1616	309.09	01Jan2006, 12:25	40.68
R_WCT1_1	0.2847	514.43	01Jan2006, 12:31	53.93
R_WCT1_2	0.2476	474.9	01Jan2006, 12:22	45.57

R_WCT1_3	0.1611	312.13	01Jan2006, 12:16	29.65
R_WCT20_1	0.2266	759.61	01Jan2006, 12:15	63.01
R_WCT20_2	0.169	613.4	01Jan2006, 12:14	48.16
R_WCT21_1	0.2181	288.16	01Jan2006, 12:07	50.65
R_WCT21_2	0.1657	138.79	01Jan2006, 12:34	38.64
R_WCT22_1	0.5242	801.77	01Jan2006, 12:34	151.38
R_WCT22_2	0.347	469.54	01Jan2006, 12:38	107.6
R_WCT22_3	0.2027	724.9	01Jan2006, 12:10	61.61
R_WCT23_1	0.2045	508.29	01Jan2006, 12:17	46.38
R_WCT23_2	0.1653	438.21	01Jan2006, 12:16	36.26
R_WCT24_1	0.6657	1145.59	01Jan2006, 12:38	141.98
R_WCT24_2	0.5429	1046.34	01Jan2006, 12:36	117.34
R_WCT24_3	0.2916	598.73	01Jan2006, 12:26	63.72
R_WCT24_4	0.1858	499	01Jan2006, 12:18	42.43
R_WCT25_1	0.1569	402.8	01Jan2006, 12:10	33.85
R_WCT26_1	0.2949	272.13	01Jan2006, 12:42	61.77
R_WCT26_2	0.1835	181.54	01Jan2006, 12:38	33.9
R_WCT2_1	0.1566	238.39	01Jan2006, 12:19	22.6
R_WCT3_1	0.1582	190	01Jan2006, 12:29	23.37
R_WCT4_1	0.1483	271.33	01Jan2006, 12:20	23.21
R_WCT5A_1	0.1308	357.84	01Jan2006, 12:09	30.29
R_WCT5_1_1	0.2816	612.6	01Jan2006, 12:34	62.88
R_WCT5_1_2	0.1508	393.6	01Jan2006, 12:23	32.84
R_WCT6_1	0.152	357.6	01Jan2006, 12:15	30.49
R_WCT7_1	0.2674	537.29	01Jan2006, 12:25	56.6
R_WCT7_2	0.2009	403.15	01Jan2006, 12:16	43.11
R_WCT7_2_1	0.2009	403.15	01Jan2006, 12:17	43.1
R_WCT8A_1	0.1499	327.75	01Jan2006, 12:19	31.41
R_WCT8_1	1.394	1587.55	01Jan2006, 13:03	280.06
R_WCT8_2	1.2056	1610.03	01Jan2006, 12:42	238.24
R_WCT8_3	1.041	1412.8	01Jan2006, 12:33	201.97
R_WCT8_4	0.5591	693.7	01Jan2006, 12:49	99.39
R_WCT8_5	0.3137	488.06	01Jan2006, 12:36	52.68
R_WCT8_6	0.1524	303.45	01Jan2006, 12:21	28.58
R_WCT9_1	0.5992	937.65	01Jan2006, 12:43	133.12
R_WCT9_2	0.522	907.44	01Jan2006, 12:40	115.47
R_WCT9_3	0.3752	862.33	01Jan2006, 12:24	83.73
R_WCT9_4	0.326	784.94	01Jan2006, 12:19	73.13
R_WCT9_5	0.155	407.01	01Jan2006, 12:12	34.49
R_WC_1	45.4339	6491.42	01Jan2006, 22:20	4579.24
R_WC_11	28.2364	6049.2	01Jan2006, 17:02	4495.48
R_WC_12	27.8599	6316.11	01Jan2006, 16:11	4684.94
R_WC_13	26.1498	6148.19	01Jan2006, 16:03	4366.51
R_WC_14	25.5	6200.71	01Jan2006, 15:35	4366.85
R_WC_15	25.1407	6160.44	01Jan2006, 15:32	4290.39
R_WC_16	25.0031	6145.38	01Jan2006, 15:29	4258.49
R_WC_17	24.4871	6431.46	01Jan2006, 14:48	4215.65
R_WC_18	23.3542	6913.95	01Jan2006, 14:06	4160.47
R_WC_19	22.5635	7582.53	01Jan2006, 13:35	4135.39
R_WC_2	44.716	6606.38	01Jan2006, 21:05	5181.79

R_WC_20	20.4442	5909.07	01Jan2006, 13:43	3716.43
R_WC_21	17.14	3422.53	01Jan2006, 13:24	2969.13
R_WC_22	15.9359	3263.07	01Jan2006, 17:02	2721.23
R_WC_23	14.6682	3132.68	01Jan2006, 17:00	2466.39
R_WC_24	14.269	3221.47	01Jan2006, 15:43	2429.62
R_WC_25	13.5417	3231.86	01Jan2006, 14:54	2272.66
R_WC_26	13.2146	3596.87	01Jan2006, 13:57	2258.45
R_WC_27	12.1198	3190.79	01Jan2006, 13:58	2077.49
R_WC_29	8.9555	2398.34	01Jan2006, 15:42	1693.41
R_WC_3	44.2548	6654.09	01Jan2006, 20:20	5504.75
R_WC_30	7.6516	2221.99	01Jan2006, 15:36	1430.33
R_WC_31	7.3276	2193.86	01Jan2006, 15:28	1368.17
R_WC_32	6.9932	2156.39	01Jan2006, 15:25	1285.83
R_WC_34	4.5508	2922.44	01Jan2006, 13:50	1067.06
R_WC_35	4.3244	3007.35	01Jan2006, 12:50	1018.18
R_WC_36	3.3506	2651.39	01Jan2006, 13:40	795.42
R_WC_37	3.133	2662.46	01Jan2006, 13:11	749.88
R_WC_38	2.4774	2241.02	01Jan2006, 13:10	591.94
R_WC_39	2.3827	2747.35	01Jan2006, 12:46	571.53
R_WC_4	43.4311	7338.88	01Jan2006, 14:15	5738.21
R_WC_40	1.9907	2546.94	01Jan2006, 12:34	491.15
R_WC_41	0.8865	1057.92	01Jan2006, 13:25	202.48
R_WC_5	30.7752	5937.36	01Jan2006, 19:23	4110.09
R_WC_6	30.4756	5952.81	01Jan2006, 18:51	4263.8
R_WC_7	29.7539	5991.18	01Jan2006, 18:14	4316.9
R_WC_8	29.3908	6013.13	01Jan2006, 17:49	4367.04
R_WC_9	28.7992	5976.7	01Jan2006, 17:40	4331.09
R_WildBT1_1	0.5604	1048.5	01Jan2006, 12:18	136.91
R_WildBT1_2	0.3855	698.72	01Jan2006, 12:18	101.16
R_WildBT1_3	0.2021	260.76	01Jan2006, 12:36	54.69
R_WildBT1_4	0.1682	540.59	01Jan2006, 12:12	44.6
R_WildBT2_1	0.1578	202.75	01Jan2006, 12:26	23.83
R_WildB_1	1.9683	1797.73	01Jan2006, 13:21	447.54
R_WildB_2	1.7985	2018.03	01Jan2006, 13:07	395.99
R_WildB_3	1.5056	2137.79	01Jan2006, 12:44	326.89
R_WildB_4	1.3893	1954.67	01Jan2006, 12:33	296.21
R_WildB_5	0.7574	1131.15	01Jan2006, 12:37	145.48
R_WildB_6	0.5209	871.43	01Jan2006, 12:32	107.27
R_WildB_7	0.1817	338.91	01Jan2006, 12:24	36.61
R_WildB_8	0.1569	323.91	01Jan2006, 12:18	31.85
R_WtsnB_1	0.9036	1663.05	01Jan2006, 12:42	204.81
R_WtsnB_2	0.1687	215.87	01Jan2006, 12:38	35.41
R_WtsnB_3	0.1534	295.19	01Jan2006, 12:19	32.31
RockyTrib1 Generic Reservoir	0.2582	273.2	01Jan2006, 12:26	70.94
SB_1	0.0481	205.09	01Jan2006, 12:01	13.05
SB_2	0.142	407.5	01Jan2006, 12:06	30.29
SB_3	0.2538	503.01	01Jan2006, 12:16	54.49
SB_4	0.2269	363.89	01Jan2006, 12:26	50.19
SB_5	0.0267	96.43	01Jan2006, 12:02	6.4
SB_6	0.103	260.29	01Jan2006, 12:09	22.75

SB_7	0.247	373.51	01Jan2006, 12:29	54.43
SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
WCLAKRA_LakeRaleighA_WCT18	0.5326	1067.18	01Jan2006, 12:27	137.1
WCT10_1	0.0994	246.6	01Jan2006, 12:15	26.55
WCT10_2	0.2318	429.19	01Jan2006, 12:20	51.64
WCT10_MLK	0.2318	420.22	01Jan2006, 12:24	51.64
WCT11_1	0.107	278.34	01Jan2006, 12:11	26.42
WCT11_2	0.182	362.43	01Jan2006, 12:13	35.69
WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
WCT11_I40	0.449	734.16	01Jan2006, 12:22	87.17
WCT12A_1	0.0701	248.22	01Jan2006, 12:05	19.13
WCT12A_2	0.0638	173.32	01Jan2006, 12:10	15.93
WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
WCT12B_1	0.0844	268.13	01Jan2006, 12:04	18.29
WCT12_1	0.2062	688.82	01Jan2006, 12:08	61.44
WCT12_2	0.0529	115.41	01Jan2006, 12:12	11.02
WCT12_3	0.0104	37.46	01Jan2006, 12:03	2.51
WCT12_4	0.0882	237.04	01Jan2006, 12:06	18.22
WCT12_5_1	0.1579	279.99	01Jan2006, 12:16	30.43
WCT12_5_2	0.0296	102.58	01Jan2006, 11:59	5.73
WCT12_6	0.1614	326.47	01Jan2006, 12:16	35.12
WCT12_I40	1.1374	662.57	01Jan2006, 13:23	253.36
WCT12_RR_Xsing	0.2754	215.73	01Jan2006, 12:50	57.83
WCT12_SouthSaundersSt	0.9312	626.95	01Jan2006, 12:56	193.02
WCT13_1	0.1616	329.22	01Jan2006, 12:19	39.26
WCT13_2	0.0971	271.85	01Jan2006, 12:07	21.3
WCT13_3	0.1502	277.3	01Jan2006, 12:14	27.6
WCT13_4	0.1014	256.3	01Jan2006, 12:07	20.12
WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
WCT13_I40	0.6855	680.27	01Jan2006, 13:05	132.96
WCT13_RRXsing	0.6855	691.37	01Jan2006, 13:01	132.96
WCT14_1	0.0875	251.65	01Jan2006, 12:08	21.58
WCT14_2	0.0794	276.25	01Jan2006, 12:04	19.93
WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
WCT15_1	0.1265	463.61	01Jan2006, 12:06	38.5
WCT15_2	0.0686	220.65	01Jan2006, 12:06	16.87
WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
WCT15_I40	0.2481	374.78	01Jan2006, 12:28	55.18
WCT16_1	0.0111	32.05	01Jan2006, 12:01	1.88
WCT16_2	0.0834	207.67	01Jan2006, 12:00	11.83
WCT16_3	0.0459	73.23	01Jan2006, 12:10	6.49
WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
WCT17_1	0.3585	339.22	01Jan2006, 12:28	47.96
WCT17_2	0.088	262.4	01Jan2006, 12:05	18.92
WCT17_3	0.186	380.86	01Jan2006, 12:11	35.3
WCT17_4	0.1796	410.28	01Jan2006, 12:11	37.13
WCT17_5	0.0463	130.67	01Jan2006, 12:04	9.22
WCT17_6	0.0169	55.98	01Jan2006, 12:01	3.39
WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
WCT17_I40	0.7076	716.64	01Jan2006, 12:37	142.7

WCT17_LineberryDr	0.2541	351.64	01Jan2006, 12:32	51.64
WCT18_1	0.1417	604.65	01Jan2006, 12:00	36.64
WCT18_2	0.0941	315.59	01Jan2006, 12:06	25.61
WCT18_3	0.0897	307.16	01Jan2006, 12:03	20.58
WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
WCT19_1	0.153	381.59	01Jan2006, 12:07	29.52
WCT19_2	0.1616	557.43	01Jan2006, 12:04	40.78
WCT19_Thistledown	0.1616	309.09	01Jan2006, 12:15	40.78
WCT1_1	0.2815	498.92	01Jan2006, 12:18	56.2
WCT1_2	0.0371	117.45	01Jan2006, 12:05	8.52
WCT1_3	0.0866	168.53	01Jan2006, 12:12	16.01
WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
WCT20_1	0.0052	14.94	01Jan2006, 12:02	0.92
WCT20_2	0.0576	183.91	01Jan2006, 12:07	14.89
WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
WCT21_1	0.0178	30.19	01Jan2006, 12:04	2.07
WCT21_2	0.0524	177.3	01Jan2006, 12:03	12.05
WCT21_3	0.1657	498.35	01Jan2006, 12:06	38.7
WCT21_I40	0.1657	138.79	01Jan2006, 12:29	38.69
WCT22_1	0.0664	181.18	01Jan2006, 12:09	15.91
WCT22_2	0.1772	385.75	01Jan2006, 12:17	44.18
WCT22_3	0.1443	443.38	01Jan2006, 12:11	46.35
WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
WCT22_I40_US	0.347	469.54	01Jan2006, 12:29	107.8
WCT22_I440_DS	0.5905	580.81	01Jan2006, 13:09	167.3
WCT23_1	0.003	13.3	01Jan2006, 12:00	0.85
WCT23_2	0.0392	139.73	01Jan2006, 12:04	10.16
WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
WCT24_1	0.0164	58.56	01Jan2006, 12:03	4.05
WCT24_2	0.1228	266.41	01Jan2006, 12:11	24.76
WCT24_3	0.2513	505.94	01Jan2006, 12:16	54.1
WCT24_4	0.1057	313.58	01Jan2006, 12:04	21.52
WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
WCT25_1	0.0057	20.33	01Jan2006, 12:03	1.43
WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
WCT26_1	0.0147	50.07	01Jan2006, 12:07	4.19
WCT26_2	0.1115	322.95	01Jan2006, 12:10	29.7
WCT26_3	0.1835	361.15	01Jan2006, 12:12	34.01
WCT26_I40	0.2949	272.13	01Jan2006, 12:38	61.84
WCT26_WesternBlvd	0.1835	181.54	01Jan2006, 12:30	33.98
WCT2_1	0.145	211.31	01Jan2006, 12:16	22.94
WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
WCT3_1	0.1274	225.47	01Jan2006, 12:13	22.12
WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
WCT4_1	0.0808	106.01	01Jan2006, 12:14	10.76
WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
WCT5_1	0.1833	530.69	01Jan2006, 12:08	44.79
WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
WCT6_1	0.2012	421.55	01Jan2006, 12:12	40.47

WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
WCT7_1	0.101	245.64	01Jan2006, 12:08	20.24
WCT7_2	0.0666	157.57	01Jan2006, 12:09	13.66
WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
WCT8A_1	0.1221	251.68	01Jan2006, 12:17	28.2
WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
WCT8_1	0.1826	506.82	01Jan2006, 12:14	59.07
WCT8_2	0.1885	493.09	01Jan2006, 12:09	43.12
WCT8_3	0.1646	364.31	01Jan2006, 12:14	37.03
WCT8_4	0.2099	345.66	01Jan2006, 12:22	43.45
WCT8_5	0.2454	507.09	01Jan2006, 12:12	47.23
WCT8_6	0.1614	206.02	01Jan2006, 12:20	24.58
WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
WCT8_I40	1.394	1587.55	01Jan2006, 12:50	281.11
WCT9_1	0.0231	73.31	01Jan2006, 12:01	4.47
WCT9_2	0.0772	263.97	01Jan2006, 12:03	17.79
WCT9_3	0.1468	388.02	01Jan2006, 12:08	32.1
WCT9_4	0.0492	136.36	01Jan2006, 12:07	10.74
WCT9_5	0.171	379.09	01Jan2006, 12:14	38.75
WCT9_6	0.155	425.04	01Jan2006, 12:07	34.52
WCT9_MLK	0.522	907.44	01Jan2006, 12:30	115.78
WCT9_PooleRd	0.155	407.01	01Jan2006, 12:10	34.51
WC_1	0.6191	963.13	01Jan2006, 12:24	125.37
WC_10	0.3731	579.66	01Jan2006, 12:24	75.34
WC_11	0.5628	1333.55	01Jan2006, 12:13	131.81
WC_12	0.008	26.22	01Jan2006, 12:02	1.68
WC_13	0.1335	342.83	01Jan2006, 12:09	29.49
WC_14	0.0276	84.33	01Jan2006, 12:04	5.76
WC_15	0.0282	118.2	01Jan2006, 12:03	8.83
WC_16	0.1376	415.75	01Jan2006, 12:11	43.27
WC_17	0.115	350.09	01Jan2006, 12:11	35.58
WC_18	0.1116	238.71	01Jan2006, 12:12	22.94
WC_19	0.3417	852.2	01Jan2006, 12:12	83.57
WC_2	0.1517	259.82	01Jan2006, 12:16	28.07
WC_20	0.0332	149.11	01Jan2006, 12:00	9.56
WC_21	0.076	154.39	01Jan2006, 12:16	16.66
WC_22	0.0499	202.49	01Jan2006, 12:03	14.31
WC_23	0.5254	1064.17	01Jan2006, 12:20	130.62
WC_24	0.0575	198.94	01Jan2006, 12:06	16.3
WC_25	0.3527	1092.77	01Jan2006, 12:07	89.29
WC_26	0.0221	97.78	01Jan2006, 12:02	6.91
WC_27	0.0287	116.59	01Jan2006, 12:04	9.12
WC_28	0.4701	1446.71	01Jan2006, 12:09	133.75
WC_29	0.2428	474.66	01Jan2006, 12:16	51.47
WC_3	0.1596	323.74	01Jan2006, 12:13	32.25
WC_30	0.0864	259.78	01Jan2006, 12:04	18.38
WC_31	0.0093	26.83	01Jan2006, 12:04	1.85
WC_32	0.1026	250.12	01Jan2006, 12:08	20.39
WC_33	1.5394	2807.24	01Jan2006, 12:18	318.25
WC_34	0.0766	298.13	01Jan2006, 12:03	20.63

WC_35	0.019	74.11	01Jan2006, 12:03	5.41
WC_36	0.2917	717.38	01Jan2006, 12:15	77.25
WC_37	0.055	171.75	01Jan2006, 12:03	11.44
WC_38	0.6557	1090.4	01Jan2006, 12:29	158.02
WC_39	0.0947	292.66	01Jan2006, 12:05	21.22
WC_4	0.5381	910.87	01Jan2006, 12:14	90.84
WC_40	0.0823	183.02	01Jan2006, 12:11	16.75
WC_41	0.5422	1350.75	01Jan2006, 12:17	161.81
WC_42	0.5619	904.89	01Jan2006, 12:28	129.34
WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
WC_5	0.5983	619.42	01Jan2006, 12:30	90.78
WC_6	0.0706	162.95	01Jan2006, 12:09	13.64
WC_7	0.2568	635.78	01Jan2006, 12:12	61.91
WC_8	0.0099	25.99	01Jan2006, 12:05	1.83
WC_9	0.2186	361.4	01Jan2006, 12:23	46.44
Watson Generic Reservoir	0.1687	215.87	01Jan2006, 12:33	35.46
White Oak Lake	0.5201	690.62	01Jan2006, 12:36	114.15
WildBT1_1	0.0362	117.34	01Jan2006, 12:05	8.82
WildBT1_2	0.1749	424.3	01Jan2006, 12:09	35.89
WildBT1_3	0.1834	475.32	01Jan2006, 12:12	46.58
WildBT1_4	0.0339	150.13	01Jan2006, 12:01	10.23
WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
WildBT2_1	0.0239	54.97	01Jan2006, 12:09	4.74
WildBT2_2	0.1578	259.26	01Jan2006, 12:11	23.89
WildBTrb1_Tryon_And_Chapanoke	0.2021	260.76	01Jan2006, 12:28	54.8
WildB_1	0.1177	399.42	01Jan2006, 12:07	33.71
WildB_2	0.1698	492.56	01Jan2006, 12:12	51.8
WildB_3	0.2929	565.31	01Jan2006, 12:21	70.09
WildB_4	0.1163	283.27	01Jan2006, 12:16	31.75
WildB_5	0.0353	75.74	01Jan2006, 12:07	5.8
WildB_6	0.0548	114.9	01Jan2006, 12:09	9.9
WildB_7	0.3393	533.05	01Jan2006, 12:25	70.91
WildB_8	0.0248	84.88	01Jan2006, 12:00	4.82
WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89
WildBrnchT2_RRXsing	0.1578	202.75	01Jan2006, 12:20	23.88
WildcatBranch_I40Xsing	1.9683	1797.73	01Jan2006, 13:19	447.78
WildcatBranch_RRXsing	1.7985	2018.03	01Jan2006, 13:02	396.53
WtsnB_1	0.1177	323.98	01Jan2006, 12:09	28.88
WtsnB_2	0.0956	352.71	01Jan2006, 12:02	23.4
WtsnB_3	0.0154	56.73	01Jan2006, 11:59	3.15
WtsnB_4	0.1534	295.19	01Jan2006, 12:17	32.33

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.053	8842.11	01Jan2006, 21:50	6496.21
72_CarolinaPines_WCT13	0.5049	1081.26	01Jan2006, 12:32	127.19
AreaA	0.0567	160.79	01Jan2006, 12:13	15.84
AreaB1	0.019	43.97	01Jan2006, 12:04	3.03
AreaB2	0.059	146.73	01Jan2006, 12:09	12.18
AreaC1	0.0168	76.22	01Jan2006, 12:06	6.94
AreaC2	0.0823	304.23	01Jan2006, 12:11	30.25
Avent Ferry Dr	1.1695	1314.6	01Jan2006, 13:03	341.13
BBT1_1	0.5004	733.6	01Jan2006, 12:41	128.64
BBT1_2	0.272	700.89	01Jan2006, 12:14	70.1
BBT1_3	3.9284	4041.28	01Jan2006, 13:02	898.01
BBT2_1	0.2378	366.73	01Jan2006, 12:36	59.8
BBT2_2	0.1003	214.93	01Jan2006, 12:18	24.1
BBT2_3	0.0099	42.94	01Jan2006, 12:00	2.48
BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
BBT3A_1	0.0277	42.88	01Jan2006, 12:17	4.72
BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
BBT3_1	0.2625	452.14	01Jan2006, 12:28	64.1
BBT3_2	0.2544	463.74	01Jan2006, 12:27	64.6
BBT3_3	0.1488	260.09	01Jan2006, 12:20	30.85
BBT3_4	0.1146	292.75	01Jan2006, 12:10	26.01
BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
BBT4A_1	0.0355	87.81	01Jan2006, 12:09	7.31
BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
BBT4_1	0.2036	390.55	01Jan2006, 12:17	42.61
BBT4_2	0.3116	435.29	01Jan2006, 12:28	61.59
BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
BBT5_1	0.1414	336.8	01Jan2006, 12:08	26.84
BBT5_2	0.1343	191.74	01Jan2006, 12:22	24.05
BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
BB_1	0.3673	497.41	01Jan2006, 12:41	86.6
BB_2	0.4078	648.76	01Jan2006, 12:32	98.92
BB_3	0.1114	350.82	01Jan2006, 12:11	33.17
BB_4	0.2583	531.01	01Jan2006, 12:15	54.44
BB_5	0.2954	549.81	01Jan2006, 12:17	60.92
BB_6	0.006	19.38	01Jan2006, 12:04	1.3
BB_7	1.233	1450.6	01Jan2006, 12:43	258.55
BigBranchTrib1_I40Xsing	3.9284	2251.63	01Jan2006, 13:54	888.32
BigBranchTrib3_I40Xsing	0.9359	1471.9	01Jan2006, 12:48	223.06
BigBrnch_AuburnChurchRd_US	1.233	1449.16	01Jan2006, 12:44	258.29
BushBT1_1	0.0988	319.64	01Jan2006, 12:08	26.68
BushBT1_2	0.1312	595.78	01Jan2006, 12:04	43.01
BushB_1	0.2184	678.16	01Jan2006, 12:14	71.64
BushB_2	0.1747	510.94	01Jan2006, 12:12	49.05
BushB_3	0.177	574.49	01Jan2006, 12:10	51.72
BushB_4	0.1027	386.84	01Jan2006, 12:06	30.56
Bushy Branch Generic Reservoir	0.972	1906.07	01Jan2006, 12:30	310.68
CBT1_1	0.0096	40.29	01Jan2006, 11:58	2.18

CBT1_2	0.0184	93.43	01Jan2006, 11:59	5.32
CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
CB_1	0.0436	200.08	01Jan2006, 12:03	13.49
CB_2	0.0701	336.52	01Jan2006, 12:00	20.03
CB_3	0.1607	467.04	01Jan2006, 12:13	47.39
CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
Cary Towne Blvd	1.4288	2281.46	01Jan2006, 12:20	473.86
DortheaDixFarmPnd_WCT16	0.2939	751.96	01Jan2006, 12:16	65
GB_1	0.2347	743.68	01Jan2006, 12:13	74.22
GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
GatlingBranch_I40Xsing	0.401	1132.88	01Jan2006, 12:21	120.85
I-440 Beltline	0.5468	853.65	01Jan2006, 12:44	161.02
J_BBT1_1	5.8992	3758.78	01Jan2006, 13:32	1360.48
J_BBT1_1_BB_2	11.6903	9359.1	01Jan2006, 13:25	2625.99
J_BBT1_2	4.2004	2305.21	01Jan2006, 14:04	955.02
J_BBT1_3	3.9284	2251.63	01Jan2006, 13:54	888.32
J_BBT2_1	0.508	991.56	01Jan2006, 12:37	126.38
J_BBT2_1_BB_3	5.3834	5570.77	01Jan2006, 12:48	1174.38
J_BBT2_2	0.2702	642.11	01Jan2006, 12:19	66.89
J_BBT2_3	0.1698	428.03	01Jan2006, 12:14	42.86
J_BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
J_BBT3A_1	0.2329	497.2	01Jan2006, 12:20	51.35
J_BBT3A_1_BBT3_3	0.6816	1547.61	01Jan2006, 12:24	159.21
J_BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
J_BBT3_1	1.1985	1737.36	01Jan2006, 12:53	286.58
J_BBT3_1_BBT1_2	5.3988	3457.32	01Jan2006, 13:12	1241.6
J_BBT3_2	0.9359	1471.9	01Jan2006, 12:48	223.06
J_BBT3_3	0.4486	1071.22	01Jan2006, 12:25	107.86
J_BBT3_4	0.2998	823.85	01Jan2006, 12:16	77.22
J_BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
J_BBT4A_1	0.239	650.49	01Jan2006, 12:11	52.87
J_BBT4A_1_BBT4_2	0.7267	1155.15	01Jan2006, 12:25	146.7
J_BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
J_BBT4_1	0.9302	1381.42	01Jan2006, 12:28	188.65
J_BBT4_2	0.4876	865.9	01Jan2006, 12:28	93.82
J_BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
J_BBT5_1	0.8798	983.6	01Jan2006, 12:47	189.82
J_BBT5_1_BB_7	2.1128	2429.37	01Jan2006, 12:45	448.11
J_BBT5_2	0.7384	930.88	01Jan2006, 12:41	163.38
J_BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
J_BB_1	12.0576	9570.54	01Jan2006, 13:27	2700.03
J_BB_1_WC_5	43.4311	12384.26	01Jan2006, 13:40	8421.04
J_BB_2	5.7911	5893.99	01Jan2006, 13:08	1265.51
J_BB_3	4.8754	4993.09	01Jan2006, 13:05	1048
J_BB_4	3.6026	3562.52	01Jan2006, 13:02	747.41
J_BB_5	2.4141	2571.54	01Jan2006, 13:01	507.9
J_BB_5_BBT4_1	3.3443	3456.35	01Jan2006, 12:47	696.55
J_BB_6	2.1187	2431.38	01Jan2006, 12:48	448.99
J_BB_7	1.233	1449.16	01Jan2006, 12:44	258.29
J_BushBT1_1	0.3765	1118.8	01Jan2006, 12:20	122.28

J_BushBT1_1_BushB_2	1.7003	2965.55	01Jan2006, 12:24	531.93
J_BushBT1_2	0.2777	936.43	01Jan2006, 12:07	95.93
J_BushBT1_3	0.1465	510.8	01Jan2006, 12:12	52.97
J_BushBT2_1	0.1979	635.38	01Jan2006, 12:08	54.34
J_BushBT2_2	0.1777	560.41	01Jan2006, 12:09	47.87
J_BushBT2_T4_T5	0.8692	3435.51	01Jan2006, 12:12	281.08
J_BushBT3_1	0.2231	1057.78	01Jan2006, 12:06	74.83
J_BushBT3_1_BushBT4_2	0.4202	1926.89	01Jan2006, 12:05	139.17
J_BushBT3_2	0.1883	939.35	01Jan2006, 12:03	66.27
J_BushBT4_1	0.4765	2068.01	01Jan2006, 12:13	161.14
J_BushBT4_2	0.1972	899.48	01Jan2006, 12:03	64.34
J_BushBT4_3	0.1642	796.75	01Jan2006, 12:03	56.85
J_BushBT5_1	0.1949	799.57	01Jan2006, 12:11	65.6
J_BushBT5_2	0.1609	668.9	01Jan2006, 12:06	53.13
J_BushB_1	1.9187	3357.16	01Jan2006, 12:31	602.52
J_BushB_2	1.3238	1914.87	01Jan2006, 12:26	409.64
J_BushB_3	1.149	1749.52	01Jan2006, 13:02	361.74
J_BushB_4	0.972	1710.02	01Jan2006, 12:52	310.43
J_CBT1_1	0.1972	716.32	01Jan2006, 12:13	63.81
J_CBT1_1_CB_3	0.5256	1730.35	01Jan2006, 12:14	161.91
J_CBT1_2	0.1876	709.11	01Jan2006, 12:09	61.69
J_CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
J_CB_1	0.6393	1823.38	01Jan2006, 12:26	194.88
J_CB_2	0.5958	1786.14	01Jan2006, 12:20	181.66
J_CB_3	0.3284	1015.89	01Jan2006, 12:14	98.1
J_CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
J_CryTwnBlvdRes_WC_42	1.9907	3415.84	01Jan2006, 12:22	645.44
J_GB_1	0.401	1132.88	01Jan2006, 12:21	120.85
J_GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
J_PBT1_1	0.1747	263.87	01Jan2006, 12:18	28.81
J_PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
J_PB_1	1.1613	1633.65	01Jan2006, 12:40	269.69
J_PB_1_BB_4	4.7639	4945.28	01Jan2006, 12:58	1017.1
J_PB_2	0.9862	1432.11	01Jan2006, 12:36	227.16
J_PB_3	0.6575	1087.99	01Jan2006, 12:35	166.61
J_PB_3_PBT1_1	0.8323	1270.94	01Jan2006, 12:32	195.41
J_PB_4	0.2727	457.89	01Jan2006, 12:19	63.09
J_RBT1_1	0.2582	1218.44	01Jan2006, 12:11	91.99
J_RBT1_1_RB_7	2.3635	3512.63	01Jan2006, 12:33	728.38
J_RBT1_2	0.2113	1118.56	01Jan2006, 12:02	76.81
J_RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
J_RB_1	3.146	3206.38	01Jan2006, 13:37	986.73
J_RB_10	1.4554	2603.12	01Jan2006, 12:41	455.4
J_RB_11	1.1918	2460.48	01Jan2006, 12:32	373.93
J_RB_12	0.9269	2180.23	01Jan2006, 12:26	287.77
J_RB_13	0.6298	1446.35	01Jan2006, 12:23	187.95
J_RB_14	0.5006	1281.03	01Jan2006, 12:16	153.66
J_RB_15	0.3472	876.93	01Jan2006, 12:07	107.25
J_RB_16	0.2576	611.71	01Jan2006, 12:20	79.51
J_RB_17	0.1645	647.25	01Jan2006, 12:05	47.84

J_RB_1_WC_21	20.4442	7519.79	01Jan2006, 13:36	5076.94
J_RB_2	3.0953	3193.05	01Jan2006, 13:34	967.87
J_RB_3	2.9041	3617.26	01Jan2006, 12:54	913.78
J_RB_4	2.7305	3532.16	01Jan2006, 12:49	853.27
J_RB_5	2.5176	3367.63	01Jan2006, 12:48	775.53
J_RB_6	2.4713	3351.68	01Jan2006, 12:42	765.89
J_RB_7	2.1053	3208.65	01Jan2006, 12:33	637.21
J_RB_8	1.9409	3084.25	01Jan2006, 12:19	596.91
J_RB_9	1.7677	2779.52	01Jan2006, 12:45	533.52
J_SB_1	1.2176	1329.2	01Jan2006, 13:08	357.55
J_SB_1_WC_30	8.9555	3572.97	01Jan2006, 15:20	2319.98
J_SB_2	1.1695	1667.15	01Jan2006, 12:28	341.13
J_SB_3	1.0274	1554.8	01Jan2006, 12:33	300.75
J_SB_4	0.7737	1241.69	01Jan2006, 12:38	227.83
J_SB_5	0.5468	1066.03	01Jan2006, 12:29	161.13
J_SB_6	0.5201	1221.5	01Jan2006, 12:18	158.61
J_SB_7	0.417	984.79	01Jan2006, 12:22	128.19
J_SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
J_WC37_WCT25_1	3.3506	3363.25	01Jan2006, 13:06	1048.44
J_WCT10_1	0.3311	726.87	01Jan2006, 12:22	103.09
J_WCT10_2	0.2318	511.4	01Jan2006, 12:29	68.91
J_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
J_WCT11_1_WC_19	23.3542	9735.61	01Jan2006, 13:42	5815.75
J_WCT11_2	0.342	743.71	01Jan2006, 12:19	84.24
J_WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
J_WCT12A_1	0.2874	839.4	01Jan2006, 12:20	88.61
J_WCT12A_1_WCT12_4	0.8089	1235.38	01Jan2006, 12:21	230.57
J_WCT12A_2	0.2173	719.78	01Jan2006, 12:12	64.13
J_WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
J_WCT12B_1	0.0844	340.9	01Jan2006, 12:06	24.45
J_WCT12_1	1.1374	802.73	01Jan2006, 13:34	336.86
J_WCT12_1_WC_22	17.14	4866.38	01Jan2006, 15:29	4087.8
J_WCT12_2	0.9312	778.93	01Jan2006, 12:58	260.29
J_WCT12_3	0.8193	1245.49	01Jan2006, 12:24	233.69
J_WCT12_4	0.5215	504.1	01Jan2006, 12:41	141.95
J_WCT12_5_1_WCT12B_1	0.2754	245.11	01Jan2006, 12:51	77.94
J_WCT12_5_2	0.4333	455.69	01Jan2006, 12:35	117.61
J_WCT12_6	0.191	456.78	01Jan2006, 12:17	54.44
J_WCT13_1	0.6855	921.16	01Jan2006, 13:10	181.14
J_WCT13_1_WC_23	15.9359	4631.25	01Jan2006, 16:20	3755.66
J_WCT13_2	0.5049	1081.26	01Jan2006, 12:32	127.19
J_WCT13_3	0.4078	1083.93	01Jan2006, 12:19	104.67
J_WCT13_4	0.2575	735.66	01Jan2006, 12:10	66.77
J_WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
J_WCT14_1	0.3417	942.55	01Jan2006, 12:15	96.43
J_WCT14_1_WC_24	14.6682	5027.91	01Jan2006, 14:58	3456.27
J_WCT14_2	0.2542	670.48	01Jan2006, 12:06	68.31
J_WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
J_WCT15_1	0.3746	860.55	01Jan2006, 12:08	122.14
J_WCT15_1_WC_25	14.269	5103.83	01Jan2006, 14:34	3377.01

J_WCT15_2	0.2481	405.72	01Jan2006, 12:32	73.66
J_WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
J_WCT16_1	0.305	760.62	01Jan2006, 12:19	67.58
J_WCT16_1_WC_26	13.5417	5315.44	01Jan2006, 14:10	3194.37
J_WCT16_2	0.2939	751.96	01Jan2006, 12:16	65
J_WCT16_3	0.2106	708.6	01Jan2006, 12:09	48.27
J_WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
J_WCT17_1	1.0661	1161.96	01Jan2006, 12:40	262.37
J_WCT17_1_WC_27	13.2146	5349.24	01Jan2006, 13:58	3143.02
J_WCT17_2	0.7076	841.01	01Jan2006, 12:45	193.74
J_WCT17_3	0.6196	1322.19	01Jan2006, 12:15	168.48
J_WCT17_4	0.4336	889.73	01Jan2006, 12:31	120.19
J_WCT17_5	0.2541	659.9	01Jan2006, 12:28	70.03
J_WCT17_6	0.2078	756.96	01Jan2006, 12:15	57.59
J_WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
J_WCT18_1	0.5326	1346.65	01Jan2006, 12:27	178.39
J_WCT18_2	0.3909	1503.2	01Jan2006, 12:13	131.32
J_WCT18_3	0.2968	1204.02	01Jan2006, 12:06	98.51
J_WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
J_WCT19_1	0.3147	771.46	01Jan2006, 12:08	93.57
J_WCT19_2	0.1616	338.89	01Jan2006, 12:16	53.29
J_WCT1_1	0.5662	1264.37	01Jan2006, 12:26	150.4
J_WCT1_1_WC_2	45.4339	8954.05	01Jan2006, 20:33	7348.66
J_WCT1_2	0.2847	708	01Jan2006, 12:21	74.16
J_WCT1_3	0.2476	655.78	01Jan2006, 12:15	62.96
J_WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
J_WCT20_1	0.2318	967.54	01Jan2006, 12:15	82.17
J_WCT20_1_WC_32	7.3276	3281.33	01Jan2006, 15:18	1855.96
J_WCT20_2	0.2266	961.48	01Jan2006, 12:13	80.93
J_WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
J_WCT21_1	0.2359	393.54	01Jan2006, 12:06	70.23
J_WCT21_2	0.2181	350.26	01Jan2006, 12:04	67.19
J_WCT21_3	0.1657	148.03	01Jan2006, 12:33	51.24
J_WCT22_1	0.5905	661.13	01Jan2006, 13:09	213.68
J_WCT22_1_WC_34	5.2179	4290.38	01Jan2006, 13:33	1647.74
J_WCT22_2	0.5242	942.36	01Jan2006, 12:21	193.21
J_WCT22_3	0.347	506.93	01Jan2006, 12:32	135.63
J_WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
J_WCT23_1	0.2075	676.53	01Jan2006, 12:17	62.79
J_WCT23_2	0.2045	672.96	01Jan2006, 12:14	61.75
J_WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
J_WCT24_1	0.682	1547.88	01Jan2006, 12:38	196.12
J_WCT24_1_WC_36	4.3244	3922.89	01Jan2006, 12:42	1343.12
J_WCT24_2	0.6657	1538.69	01Jan2006, 12:35	190.96
J_WCT24_3	0.5429	1404.97	01Jan2006, 12:21	157.94
J_WCT24_4	0.2916	841.16	01Jan2006, 12:14	85.58
J_WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
J_WCT25_1	0.1626	557.06	01Jan2006, 12:10	47.31
J_WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
J_WCT26_1	0.3096	309.39	01Jan2006, 12:14	88.43

J_WCT26_1_WC_40	2.3827	3553.27	01Jan2006, 12:33	753.46
J_WCT26_2	0.2949	295.36	01Jan2006, 12:43	83.16
J_WCT26_3	0.1835	202.53	01Jan2006, 12:34	46.82
J_WCT2_1	0.3015	647.06	01Jan2006, 12:18	64.96
J_WCT2_1_WC_3	44.716	8981.15	01Jan2006, 15:28	7721.8
J_WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
J_WCT3_1	0.2856	511.66	01Jan2006, 12:20	64.27
J_WCT3_1_WC_4	44.2548	10595.61	01Jan2006, 14:12	8136.58
J_WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
J_WCT4_1	0.2291	531.56	01Jan2006, 12:19	48.59
J_WCT4_1_WC_6	30.7752	7833.92	01Jan2006, 18:49	5861
J_WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
J_WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
J_WCT5_1_1	0.4649	1017.4	01Jan2006, 12:30	142.71
J_WCT5_1_1_WC_7	30.4756	7921.36	01Jan2006, 18:09	6091.5
J_WCT5_1_2_WCT5A_1	0.2816	811.87	01Jan2006, 12:19	84.17
J_WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
J_WCT6_1	0.3532	1048.38	01Jan2006, 12:14	96.43
J_WCT6_1_WC_8	29.7539	7917.66	01Jan2006, 17:41	6038.99
J_WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
J_WCT7_1	0.3685	882.21	01Jan2006, 12:22	103.72
J_WCT7_1_WC_12	28.2364	8387.18	01Jan2006, 15:53	6428.5
J_WCT7_2	0.2674	720.53	01Jan2006, 12:15	76.39
J_WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
J_WCT8A_1	0.272	769.61	01Jan2006, 12:18	79.77
J_WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
J_WCT8_1	1.5766	2214.98	01Jan2006, 13:02	453.37
J_WCT8_1_WC_13	27.8599	8362.87	01Jan2006, 15:44	6388.85
J_WCT8_2	1.394	2101.11	01Jan2006, 12:51	380.95
J_WCT8_3	1.2056	2183.72	01Jan2006, 12:31	324.91
J_WCT8_4	0.769	1287.26	01Jan2006, 12:31	196.4
J_WCT8_4_WCT8A_1	1.041	1925.32	01Jan2006, 12:25	276.17
J_WCT8_5	0.5591	976	01Jan2006, 12:31	138.36
J_WCT8_6	0.3137	690.76	01Jan2006, 12:24	73.94
J_WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
J_WCT9_1	0.6223	1106.57	01Jan2006, 12:46	183.82
J_WCT9_1_WC_14	26.1498	8390.51	01Jan2006, 15:18	6078.2
J_WCT9_2	0.5992	1098.12	01Jan2006, 12:43	177.88
J_WCT9_3	0.522	1063.35	01Jan2006, 12:34	154.65
J_WCT9_4	0.3752	1115.35	01Jan2006, 12:18	111.88
J_WCT9_5	0.326	1017.05	01Jan2006, 12:14	97.63
J_WCT9_6	0.155	515.77	01Jan2006, 12:12	46.09
J_WC_10_WC_9	29.3908	7893.29	01Jan2006, 17:30	6044.53
J_WC_11	28.7992	7997.79	01Jan2006, 16:49	6244.09
J_WC_12	27.8679	8339.44	01Jan2006, 15:53	6324.78
J_WC_13	26.2833	8124.32	01Jan2006, 15:45	5935.48
J_WC_14	25.5275	8294.06	01Jan2006, 15:18	5894.38
J_WC_15	25.1689	8245.82	01Jan2006, 15:15	5798.51
J_WC_15_WCT10_1	25.5	8298.81	01Jan2006, 15:15	5901.6
J_WC_16	25.1407	8250.56	01Jan2006, 15:11	5803.05

J_WC_17	24.6021	8662.26	01Jan2006, 14:38	5763.62
J_WC_17_GB_1	25.0031	8732.22	01Jan2006, 14:38	5884.47
J_WC_18	23.4658	9117.92	01Jan2006, 14:08	5664.56
J_WC_19	22.9052	9595.42	01Jan2006, 13:43	5697.41
J_WC_2	44.8677	8919.23	01Jan2006, 20:35	7198.26
J_WC_20	20.4775	7398.98	01Jan2006, 13:50	5030.39
J_WC_21	17.2983	4822	01Jan2006, 16:28	4090.21
J_WC_22	16.0026	4578.27	01Jan2006, 17:12	3750.94
J_WC_23	15.2503	4512.6	01Jan2006, 16:29	3574.52
J_WC_24	14.3265	4975.52	01Jan2006, 14:58	3359.84
J_WC_25	13.8944	5035.94	01Jan2006, 14:35	3254.87
J_WC_26	13.2367	5262.22	01Jan2006, 14:10	3126.79
J_WC_27	12.1485	4662.11	01Jan2006, 14:07	2880.66
J_WC_28_WCT18_1	12.1198	8406.25	01Jan2006, 12:28	3312.96
J_WC_29	9.1984	3546.01	01Jan2006, 15:43	2361.01
J_WC_29_BushB_1	11.1171	6350.78	01Jan2006, 12:31	2963.53
J_WC_3	44.4144	8949.82	01Jan2006, 19:54	7656.84
J_WC_30	7.738	3325.32	01Jan2006, 15:30	1962.43
J_WC_31	7.3369	3281.01	01Jan2006, 15:21	1855.84
J_WC_31_WCT19_1	7.6516	3325.82	01Jan2006, 15:21	1949.41
J_WC_32	7.0958	3245.42	01Jan2006, 15:18	1773.79
J_WC_33_WCT21_1	6.9932	7015.16	01Jan2006, 12:19	2148.24
J_WC_34	4.6274	3670.62	01Jan2006, 13:42	1434.06
J_WC_35	4.3433	3918.42	01Jan2006, 12:45	1349.37
J_WC_35_WCT23_1	4.5508	4108.69	01Jan2006, 12:42	1412.16
J_WC_36	3.6423	3364.63	01Jan2006, 13:35	1147
J_WC_37	3.188	3303.37	01Jan2006, 13:07	1001.12
J_WC_38	3.133	3452.05	01Jan2006, 12:50	985.77
J_WC_39	2.4774	3385.88	01Jan2006, 12:46	778.83
J_WC_4	43.9692	10541.27	01Jan2006, 14:12	8072.31
J_WC_40	2.073	3246.65	01Jan2006, 12:33	665.03
J_WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
J_WC_5	31.3735	7842.3	01Jan2006, 19:21	5721.01
J_WC_6	30.5461	7817.62	01Jan2006, 18:50	5812.4
J_WC_7	30.0107	7878.47	01Jan2006, 18:10	5948.79
J_WC_8	29.4007	7885.27	01Jan2006, 17:41	5942.56
J_WildBT1_1	0.5965	1408.24	01Jan2006, 12:16	191.21
J_WildBT1_1_WildB_5	1.3893	2522.63	01Jan2006, 12:23	398.24
J_WildBT1_2	0.5604	1327.77	01Jan2006, 12:13	179.78
J_WildBT1_3	0.3855	849.8	01Jan2006, 12:13	131.32
J_WildBT1_4	0.2021	274.72	01Jan2006, 12:31	70.66
J_WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
J_WildBT2_1	0.1817	291.54	01Jan2006, 12:24	40.45
J_WildBT2_1_WildB_6	0.7574	1513.04	01Jan2006, 12:31	199.2
J_WildBT2_2	0.1578	255.03	01Jan2006, 12:23	34.06
J_WildB_1	2.086	2255.96	01Jan2006, 13:22	635.88
J_WildB_1_WC_20	22.5635	9538.86	01Jan2006, 13:38	5666.27
J_WildB_2	1.9683	2220.01	01Jan2006, 13:21	593.12
J_WildB_3	1.7985	2918.95	01Jan2006, 12:54	528.42
J_WildB_4	1.5056	2760.97	01Jan2006, 12:31	438.1

J_WildB_5	0.7927	1534.04	01Jan2006, 12:37	207.03
J_WildB_6	0.5757	1231.57	01Jan2006, 12:31	158.75
J_WildB_7	0.5209	1175.64	01Jan2006, 12:24	145.36
J_WildB_8	0.1817	458.1	01Jan2006, 12:18	49.78
J_WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25
J_WtsnB_1	1.0213	2226.47	01Jan2006, 12:42	310.19
J_WtsnB_1_WC_18	24.4871	9371.56	01Jan2006, 14:07	5974.75
J_WtsnB_2	0.2643	625.99	01Jan2006, 12:03	78.49
J_WtsnB_2_CB_1	0.9036	2131.38	01Jan2006, 12:26	273.37
J_WtsnB_3	0.1687	408.5	01Jan2006, 12:18	47.81
J_WtsnB_4	0.1534	396.6	01Jan2006, 12:16	43.57
Lake Raleigh	12.1198	4752.57	01Jan2006, 13:57	2939.77
Lake Johnson	6.9932	3232.86	01Jan2006, 15:13	1778.87
PBT1_1	0.0066	16.61	01Jan2006, 12:05	1.2
PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
PB_1	0.1751	368.68	01Jan2006, 12:19	43.2
PB_2	0.154	286.32	01Jan2006, 12:18	32.21
PB_3	0.3848	777.64	01Jan2006, 12:25	103.97
PB_4_1	0.1089	234.1	01Jan2006, 12:16	25.25
PB_4_2	0.1638	286.07	01Jan2006, 12:25	37.85
Pineview Dr	0.7737	1241.56	01Jan2006, 12:38	227.83
PoplarBranch_I40	0.1638	252.79	01Jan2006, 12:36	37.85
Priv_1001_UnderwoodPond_WCT8	0.3137	690.76	01Jan2006, 12:24	73.94
Private15_Ileagnes_WCT12	0.4333	455.69	01Jan2006, 12:35	117.61
Private23_GolfCourseC_WCT12	0.1614	432.95	01Jan2006, 12:17	46.6
Private36_GolfCourseA_WCT12B	0.0844	340.9	01Jan2006, 12:06	24.45
RBT1_1	0.0469	242.02	01Jan2006, 12:01	15.33
RBT1_2	0.0428	265.14	01Jan2006, 11:58	15.59
RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
RB_1	0.0507	241.88	01Jan2006, 12:05	19.59
RB_10	0.2635	1114.12	01Jan2006, 12:05	82.39
RB_11	0.265	1019.08	01Jan2006, 12:08	86.73
RB_12	0.2971	834.38	01Jan2006, 12:18	100.11
RB_13	0.1292	457.85	01Jan2006, 12:06	34.59
RB_14	0.1534	532.64	01Jan2006, 12:09	46.74
RB_15	0.0896	389.01	01Jan2006, 12:04	27.8
RB_16	0.0931	419.02	01Jan2006, 12:05	32.21
RB_17	0.1645	647.25	01Jan2006, 12:05	47.84
RB_2	0.1911	593.88	01Jan2006, 12:12	58.06
RB_3	0.1736	715.88	01Jan2006, 12:07	61.57
RB_4	0.2129	773.88	01Jan2006, 12:11	77.94
RB_5	0.0463	164.9	01Jan2006, 12:03	10.79
RB_6	0.1078	541.48	01Jan2006, 12:03	38.2
RB_7	0.1644	558.69	01Jan2006, 12:06	42.4
RB_8	0.1732	718.73	01Jan2006, 12:08	63.8
RB_9	0.3123	914.59	01Jan2006, 12:09	79.48
R_BBT1_1	5.3988	3457.32	01Jan2006, 13:37	1231.84
R_BBT1_2	3.9284	2251.63	01Jan2006, 14:06	884.93
R_BBT2_1_1	0.2702	624.83	01Jan2006, 12:37	66.59
R_BBT2_1_2	0.2702	624.83	01Jan2006, 12:26	66.8

R_BBT2_2	0.1698	428.03	01Jan2006, 12:20	42.79
R_BBT2_3	0.16	418.25	01Jan2006, 12:14	40.38
R_BBT3A_1	0.2052	455.46	01Jan2006, 12:21	46.63
R_BBT3_1	0.9359	1471.9	01Jan2006, 12:57	222.47
R_BBT3_2	0.6816	1547.61	01Jan2006, 12:37	158.6
R_BBT3_3	0.2998	823.85	01Jan2006, 12:26	77.01
R_BBT3_4	0.1852	573.24	01Jan2006, 12:18	51.21
R_BBT4A_1	0.2035	565.01	01Jan2006, 12:11	45.57
R_BBT4_1	0.7267	1155.15	01Jan2006, 12:39	146.04
R_BBT4_2	0.176	430.61	01Jan2006, 12:28	32.24
R_BBT5_1	0.7384	930.88	01Jan2006, 12:49	162.98
R_BBT5_2	0.6041	811.89	01Jan2006, 12:45	139.33
R_BB_1	11.6903	9359.1	01Jan2006, 13:40	2613.43
R_BB_2	5.3834	5570.77	01Jan2006, 13:09	1166.59
R_BB_3	4.7639	4945.28	01Jan2006, 13:05	1014.83
R_BB_4	3.3443	3456.35	01Jan2006, 13:03	692.96
R_BB_5	2.1187	2431.38	01Jan2006, 13:02	446.98
R_BB_6	2.1128	2429.37	01Jan2006, 12:48	447.68
R_BushBT1_1	0.2777	936.43	01Jan2006, 12:22	95.61
R_BushBT1_2	0.1465	510.8	01Jan2006, 12:16	52.92
R_BushBT3_1	0.1883	939.35	01Jan2006, 12:07	66.22
R_BushBT4_1	0.4202	1926.89	01Jan2006, 12:14	138.88
R_BushBT5_1	0.1609	668.9	01Jan2006, 12:12	53.06
R_BushB_1	1.7003	2965.55	01Jan2006, 12:32	530.88
R_BushB_2	1.149	1749.52	01Jan2006, 13:15	360.6
R_BushB_3_1	0.972	1674.71	01Jan2006, 13:03	310.02
R_BushB_3_2	0.972	1710.02	01Jan2006, 12:56	310.13
R_BushB_4_1	0.972	1710.02	01Jan2006, 12:52	310.43
R_BushB_4_2	0.8692	3435.51	01Jan2006, 12:18	280.68
R_CBT1_1	0.1876	709.11	01Jan2006, 12:13	61.63
R_CBT1_2	0.1693	681	01Jan2006, 12:10	56.36
R_CB_1	0.5958	1786.14	01Jan2006, 12:26	181.39
R_CB_2	0.5256	1730.35	01Jan2006, 12:21	161.63
R_CB_3	0.1677	548.94	01Jan2006, 12:15	50.71
R_GB_1	0.1663	547.03	01Jan2006, 12:25	46.64
R_PBT1_1	0.1682	256.8	01Jan2006, 12:19	27.61
R_PB_1	0.9862	1432.11	01Jan2006, 12:46	226.49
R_PB_2	0.8323	1270.94	01Jan2006, 12:40	194.95
R_PB_3	0.2727	457.89	01Jan2006, 12:43	62.64
R_RBT1_1	0.2113	1118.56	01Jan2006, 12:11	76.66
R_RBT1_2	0.1685	927.97	01Jan2006, 12:04	61.21
R_RB_1	3.0953	3193.05	01Jan2006, 13:37	967.14
R_RB_10	1.1918	2460.48	01Jan2006, 12:42	373.01
R_RB_11	0.9269	2180.23	01Jan2006, 12:34	287.2
R_RB_12	0.6298	1446.35	01Jan2006, 12:29	187.66
R_RB_13	0.5006	1281.03	01Jan2006, 12:24	153.36
R_RB_14_1	0.3472	858.94	01Jan2006, 12:19	106.92
R_RB_14_2	0.3472	876.93	01Jan2006, 12:17	106.99
R_RB_15	0.2576	611.71	01Jan2006, 12:23	79.45
R_RB_16_1	0.1645	453.48	01Jan2006, 12:21	47.3

R_RB_16_2	0.1645	453.48	01Jan2006, 12:13	47.4
R_RB_2	2.9041	3139.83	01Jan2006, 13:35	909.81
R_RB_3	2.7305	3532.16	01Jan2006, 12:54	852.21
R_RB_4	2.5176	3367.63	01Jan2006, 12:49	775.33
R_RB_5	2.4713	3351.68	01Jan2006, 12:48	764.74
R_RB_6	2.3635	3298.94	01Jan2006, 12:42	727.68
R_RB_7	1.9409	3084.25	01Jan2006, 12:33	594.81
R_RB_8	1.7677	2779.52	01Jan2006, 12:48	533.11
R_RB_9	1.4554	2603.12	01Jan2006, 12:53	454.04
R_SB_1	1.1695	1314.14	01Jan2006, 13:09	340.71
R_SB_2	1.0274	1553.68	01Jan2006, 12:37	300.38
R_SB_3	0.7737	1237.79	01Jan2006, 12:44	227.56
R_SB_4	0.5468	853.24	01Jan2006, 12:47	160.78
R_SB_7	0.1701	527.72	01Jan2006, 12:19	55.44
R_WCT10_1	0.2318	511.4	01Jan2006, 12:38	68.76
R_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
R_WCT11_2	0.16	342.77	01Jan2006, 12:26	35.54
R_WCT12A_1	0.2173	719.78	01Jan2006, 12:22	63.97
R_WCT12A_2	0.1534	498.02	01Jan2006, 12:12	43.28
R_WCT12B_1	0.0844	340.9	01Jan2006, 12:11	24.42
R_WCT12_1	0.9312	778.93	01Jan2006, 13:08	259.58
R_WCT12_2	0.8193	1245.49	01Jan2006, 12:30	233.32
R_WCT12_3	0.8089	1235.38	01Jan2006, 12:24	230.38
R_WCT12_4	0.4333	455.69	01Jan2006, 12:44	117.31
R_WCT12_5_1	0.191	456.78	01Jan2006, 12:24	54.34
R_WCT12_5_2	0.2754	245.11	01Jan2006, 12:55	77.85
R_WCT13_1	0.5049	1081.26	01Jan2006, 12:49	126.52
R_WCT13_2	0.4078	1083.93	01Jan2006, 12:27	104.44
R_WCT13_3	0.2575	735.66	01Jan2006, 12:20	66.59
R_WCT13_4	0.1561	430.94	01Jan2006, 12:14	39.37
R_WCT14_1	0.2542	670.48	01Jan2006, 12:16	68.12
R_WCT14_2_1	0.1748	379.31	01Jan2006, 12:16	42.24
R_WCT14_2_2	0.1748	379.31	01Jan2006, 12:12	42.28
R_WCT15_1	0.2481	405.72	01Jan2006, 12:41	73.49
R_WCT15_2	0.1794	533.97	01Jan2006, 12:18	51.52
R_WCT16_1	0.2939	751.96	01Jan2006, 12:19	64.94
R_WCT16_2	0.2106	708.6	01Jan2006, 12:14	48.2
R_WCT16_3	0.1646	601.61	01Jan2006, 12:09	38.91
R_WCT17_1	0.7076	841.01	01Jan2006, 13:08	192.54
R_WCT17_2	0.6196	1322.19	01Jan2006, 12:17	168.39
R_WCT17_3	0.4336	889.73	01Jan2006, 12:36	120.03
R_WCT17_4	0.2541	659.9	01Jan2006, 12:31	69.97
R_WCT17_5	0.2078	756.96	01Jan2006, 12:22	57.48
R_WCT17_7	0.1909	737.87	01Jan2006, 12:16	52.97
R_WCT18_1	0.3909	1503.2	01Jan2006, 12:20	131.11
R_WCT18_2	0.2968	1204.02	01Jan2006, 12:15	98.31
R_WCT18_3	0.2071	849.02	01Jan2006, 12:08	71.17
R_WCT19_1	0.1616	338.89	01Jan2006, 12:26	53.16
R_WCT1_1	0.2847	708	01Jan2006, 12:31	73.96
R_WCT1_2	0.2476	655.78	01Jan2006, 12:22	62.84

R_WCT1_3	0.1611	431.28	01Jan2006, 12:16	40.9
R_WCT20_1	0.2266	961.48	01Jan2006, 12:15	80.89
R_WCT20_2	0.169	773.77	01Jan2006, 12:14	61.56
R_WCT21_1	0.2181	350.26	01Jan2006, 12:07	67.14
R_WCT21_2	0.1657	148.03	01Jan2006, 12:38	51.18
R_WCT22_1	0.5242	942.36	01Jan2006, 12:33	192.71
R_WCT22_2	0.347	506.93	01Jan2006, 12:41	135.38
R_WCT22_3	0.2027	905.12	01Jan2006, 12:10	77.85
R_WCT23_1	0.2045	672.96	01Jan2006, 12:17	61.7
R_WCT23_2	0.1653	582.35	01Jan2006, 12:16	48.53
R_WCT24_1	0.6657	1538.69	01Jan2006, 12:38	190.81
R_WCT24_2	0.5429	1404.97	01Jan2006, 12:36	157.33
R_WCT24_3	0.2916	794.92	01Jan2006, 12:25	85.3
R_WCT24_4	0.1858	657.48	01Jan2006, 12:17	56.39
R_WCT25_1	0.1569	537.72	01Jan2006, 12:10	45.44
R_WCT26_1	0.2949	295.36	01Jan2006, 12:47	83.07
R_WCT26_2	0.1835	202.53	01Jan2006, 12:42	46.72
R_WCT2_1	0.1566	347.69	01Jan2006, 12:19	32.49
R_WCT3_1	0.1582	276.35	01Jan2006, 12:29	33.45
R_WCT4_1	0.1483	388.05	01Jan2006, 12:20	32.9
R_WCT5A_1	0.1308	470.63	01Jan2006, 12:09	40.18
R_WCT5_1_1	0.2816	811.87	01Jan2006, 12:34	83.86
R_WCT5_1_2	0.1508	523.9	01Jan2006, 12:23	44
R_WCT6_1	0.152	484.48	01Jan2006, 12:15	41.45
R_WCT7_1	0.2674	720.53	01Jan2006, 12:25	76.2
R_WCT7_2	0.2009	539.56	01Jan2006, 12:16	57.92
R_WCT7_2_1	0.2009	539.56	01Jan2006, 12:17	57.9
R_WCT8A_1	0.1499	440.43	01Jan2006, 12:19	42.36
R_WCT8_1	1.394	2101.11	01Jan2006, 13:04	379.6
R_WCT8_2	1.2056	2183.72	01Jan2006, 12:42	323.93
R_WCT8_3	1.041	1925.32	01Jan2006, 12:33	275.56
R_WCT8_4	0.5591	976	01Jan2006, 12:48	137.68
R_WCT8_5	0.3137	690.76	01Jan2006, 12:35	73.7
R_WCT8_6	0.1524	417.29	01Jan2006, 12:21	39.28
R_WCT9_1	0.5992	1098.12	01Jan2006, 12:47	177.7
R_WCT9_2	0.522	1063.35	01Jan2006, 12:44	154.26
R_WCT9_3	0.3752	1115.35	01Jan2006, 12:24	111.71
R_WCT9_4	0.326	1017.05	01Jan2006, 12:20	97.49
R_WCT9_5	0.155	515.77	01Jan2006, 12:14	46.06
R_WC_1	45.4339	8805.93	01Jan2006, 21:51	6326.16
R_WC_11	28.2364	7937.37	01Jan2006, 16:50	6069.65
R_WC_12	27.8599	8338.5	01Jan2006, 15:53	6322.52
R_WC_13	26.1498	8107.18	01Jan2006, 15:46	5896.05
R_WC_14	25.5	8290.29	01Jan2006, 15:18	5886.61
R_WC_15	25.1407	8241.49	01Jan2006, 15:15	5787.42
R_WC_16	25.0031	8228.1	01Jan2006, 15:11	5748.72
R_WC_17	24.4871	8641.19	01Jan2006, 14:38	5718.82
R_WC_18	23.3542	9095.91	01Jan2006, 14:08	5633.51
R_WC_19	22.5635	9506.2	01Jan2006, 13:44	5587.64
R_WC_2	44.716	8910.18	01Jan2006, 20:35	7159.58

R_WC_20	20.4442	7391.65	01Jan2006, 13:50	5018.18
R_WC_21	17.14	4803.84	01Jan2006, 16:28	4037.65
R_WC_22	15.9359	4571.28	01Jan2006, 17:12	3725.73
R_WC_23	14.6682	4444.62	01Jan2006, 16:33	3387.67
R_WC_24	14.269	4966.08	01Jan2006, 14:58	3338.98
R_WC_25	13.5417	4975.06	01Jan2006, 14:35	3138.27
R_WC_26	13.2146	5257.91	01Jan2006, 14:10	3118.11
R_WC_27	12.1198	4656.26	01Jan2006, 14:07	2869.23
R_WC_29	8.9555	3513.66	01Jan2006, 15:43	2291.72
R_WC_3	44.2548	8939.16	01Jan2006, 19:54	7613.06
R_WC_30	7.6516	3313.99	01Jan2006, 15:30	1937.68
R_WC_31	7.3276	3279.77	01Jan2006, 15:21	1853.32
R_WC_32	6.9932	3231.31	01Jan2006, 15:18	1746.03
R_WC_34	4.5508	3652.43	01Jan2006, 13:42	1407.41
R_WC_35	4.3244	3909.28	01Jan2006, 12:45	1342.45
R_WC_36	3.3506	3272.91	01Jan2006, 13:37	1046.95
R_WC_37	3.133	3286.82	01Jan2006, 13:07	985.66
R_WC_38	2.4774	2695.63	01Jan2006, 13:13	777.82
R_WC_39	2.3827	3342.14	01Jan2006, 12:46	750.52
R_WC_4	43.4311	10445.9	01Jan2006, 14:13	7945.15
R_WC_40	1.9907	3151.37	01Jan2006, 12:34	642.32
R_WC_41	0.8865	1383.19	01Jan2006, 13:26	268.79
R_WC_5	30.7752	7800.85	01Jan2006, 19:22	5591.68
R_WC_6	30.4756	7812.21	01Jan2006, 18:50	5793.74
R_WC_7	29.7539	7854.99	01Jan2006, 18:10	5867.28
R_WC_8	29.3908	7884.4	01Jan2006, 17:41	5940.05
R_WC_9	28.7992	7835.58	01Jan2006, 17:31	5879.81
R_WildBT1_1	0.5604	1327.77	01Jan2006, 12:17	179.61
R_WildBT1_2	0.3855	849.8	01Jan2006, 12:18	131.17
R_WildBT1_3	0.2021	274.72	01Jan2006, 12:39	70.54
R_WildBT1_4	0.1682	691.29	01Jan2006, 12:12	57.75
R_WildBT2_1	0.1578	255.03	01Jan2006, 12:29	34
R_WildB_1	1.9683	2220.01	01Jan2006, 13:23	592.82
R_WildB_2	1.7985	2918.95	01Jan2006, 12:59	527.73
R_WildB_3	1.5056	2760.97	01Jan2006, 12:43	436.74
R_WildB_4	1.3893	2522.63	01Jan2006, 12:33	397.21
R_WildB_5	0.7574	1513.04	01Jan2006, 12:37	198.88
R_WildB_6	0.5209	1175.64	01Jan2006, 12:32	145.06
R_WildB_7	0.1817	458.1	01Jan2006, 12:24	49.7
R_WildB_8	0.1569	438.27	01Jan2006, 12:18	43.2
R_WtsnB_1	0.9036	2131.38	01Jan2006, 12:42	272.27
R_WtsnB_2	0.1687	237.81	01Jan2006, 12:42	47.75
R_WtsnB_3	0.1534	396.6	01Jan2006, 12:18	43.55
RockyTrib1 Generic Reservoir	0.2582	304.65	01Jan2006, 12:27	91.16
SB_1	0.0481	260.66	01Jan2006, 12:01	16.84
SB_2	0.142	544.74	01Jan2006, 12:05	40.76
SB_3	0.2538	673.13	01Jan2006, 12:16	73.19
SB_4	0.2269	484.22	01Jan2006, 12:26	67.05
SB_5	0.0267	125.73	01Jan2006, 12:02	8.45
SB_6	0.103	345.88	01Jan2006, 12:09	30.43

SB_7	0.247	497.41	01Jan2006, 12:29	72.75
SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
WCLAKRA_LakeRaleighA_WCT18	0.5326	1346.65	01Jan2006, 12:27	178.39
WCT10_1	0.0994	315.24	01Jan2006, 12:15	34.33
WCT10_2	0.2318	570	01Jan2006, 12:20	68.92
WCT10_MLK	0.2318	511.4	01Jan2006, 12:29	68.91
WCT11_1	0.107	361.48	01Jan2006, 12:11	34.64
WCT11_2	0.182	494.23	01Jan2006, 12:13	48.7
WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
WCT11_I40	0.449	1009.28	01Jan2006, 12:21	118.86
WCT12A_1	0.0701	315.67	01Jan2006, 12:05	24.65
WCT12A_2	0.0638	224.59	01Jan2006, 12:10	20.85
WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
WCT12B_1	0.0844	356.87	01Jan2006, 12:03	24.55
WCT12_1	0.2062	862.82	01Jan2006, 12:08	77.92
WCT12_2	0.0529	155.31	01Jan2006, 12:12	14.88
WCT12_3	0.0104	48.76	01Jan2006, 12:03	3.31
WCT12_4	0.0882	319.05	01Jan2006, 12:06	24.65
WCT12_5_1	0.1579	383.69	01Jan2006, 12:16	41.64
WCT12_5_2	0.0296	139.27	01Jan2006, 11:59	7.84
WCT12_6	0.1614	435.53	01Jan2006, 12:16	47.06
WCT12_I40	1.1374	802.73	01Jan2006, 13:34	336.86
WCT12_RR_Xsing	0.2754	245.11	01Jan2006, 12:51	77.94
WCT12_SouthSaundersSt	0.9312	778.93	01Jan2006, 12:58	260.29
WCT13_1	0.1616	429.4	01Jan2006, 12:19	51.61
WCT13_2	0.0971	361.03	01Jan2006, 12:07	28.52
WCT13_3	0.1502	383.63	01Jan2006, 12:13	38.08
WCT13_4	0.1014	347.81	01Jan2006, 12:07	27.41
WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
WCT13_I40	0.6855	921.16	01Jan2006, 13:10	181.14
WCT13_RRXsing	0.6855	974.88	01Jan2006, 13:00	181.15
WCT14_1	0.0875	326.76	01Jan2006, 12:08	28.3
WCT14_2	0.0794	356.89	01Jan2006, 12:04	26.07
WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
WCT15_1	0.1265	578.72	01Jan2006, 12:06	48.65
WCT15_2	0.0686	286.23	01Jan2006, 12:06	22.15
WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
WCT15_I40	0.2481	405.72	01Jan2006, 12:32	73.66
WCT16_1	0.0111	44.7	01Jan2006, 12:01	2.63
WCT16_2	0.0834	300.98	01Jan2006, 12:00	17.07
WCT16_3	0.0459	107.3	01Jan2006, 12:10	9.37
WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
WCT17_1	0.3585	505.97	01Jan2006, 12:27	69.82
WCT17_2	0.088	349.63	01Jan2006, 12:05	25.41
WCT17_3	0.186	522.97	01Jan2006, 12:11	48.45
WCT17_4	0.1796	552.83	01Jan2006, 12:10	50.22
WCT17_5	0.0463	177.12	01Jan2006, 12:04	12.55
WCT17_6	0.0169	75.51	01Jan2006, 12:01	4.61
WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
WCT17_I40	0.7076	841.01	01Jan2006, 12:45	193.74

WCT17_LineberryDr	0.2541	659.9	01Jan2006, 12:28	70.03
WCT18_1	0.1417	775.4	01Jan2006, 12:00	47.68
WCT18_2	0.0941	401.71	01Jan2006, 12:06	33.01
WCT18_3	0.0897	403.69	01Jan2006, 12:03	27.34
WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
WCT19_1	0.153	520.48	01Jan2006, 12:07	40.4
WCT19_2	0.1616	719.79	01Jan2006, 12:04	53.29
WCT19_Thistledown	0.1616	338.89	01Jan2006, 12:16	53.29
WCT1_1	0.2815	678.02	01Jan2006, 12:18	76.44
WCT1_2	0.0371	154.39	01Jan2006, 12:05	11.32
WCT1_3	0.0866	232.7	01Jan2006, 12:12	22.07
WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
WCT20_1	0.0052	20.72	01Jan2006, 12:01	1.27
WCT20_2	0.0576	236.31	01Jan2006, 12:07	19.37
WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
WCT21_1	0.0178	46.05	01Jan2006, 12:04	3.09
WCT21_2	0.0524	233.07	01Jan2006, 12:03	16.01
WCT21_3	0.1657	653.78	01Jan2006, 12:06	51.26
WCT21_I40	0.1657	148.03	01Jan2006, 12:33	51.24
WCT22_1	0.0664	236.64	01Jan2006, 12:09	20.98
WCT22_2	0.1772	500.41	01Jan2006, 12:17	57.83
WCT22_3	0.1443	549.71	01Jan2006, 12:11	57.96
WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
WCT22_I40_US	0.347	506.93	01Jan2006, 12:32	135.63
WCT22_I440_DS	0.5905	661.13	01Jan2006, 13:09	213.68
WCT23_1	0.003	16.78	01Jan2006, 12:00	1.09
WCT23_2	0.0392	179.39	01Jan2006, 12:04	13.22
WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
WCT24_1	0.0164	75.88	01Jan2006, 12:03	5.32
WCT24_2	0.1228	361.04	01Jan2006, 12:11	33.63
WCT24_3	0.2513	676.39	01Jan2006, 12:15	72.64
WCT24_4	0.1057	422.37	01Jan2006, 12:04	29.19
WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
WCT25_1	0.0057	26.27	01Jan2006, 12:03	1.87
WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
WCT26_1	0.0147	63.19	01Jan2006, 12:07	5.36
WCT26_2	0.1115	412.84	01Jan2006, 12:10	38.43
WCT26_3	0.1835	498.13	01Jan2006, 12:12	46.86
WCT26_I40	0.2949	295.36	01Jan2006, 12:43	83.16
WCT26_WesternBlvd	0.1835	202.53	01Jan2006, 12:34	46.82
WCT2_1	0.145	302.53	01Jan2006, 12:16	32.47
WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
WCT3_1	0.1274	315.73	01Jan2006, 12:13	30.82
WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
WCT4_1	0.0808	157.81	01Jan2006, 12:14	15.69
WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
WCT5_1	0.1833	690.12	01Jan2006, 12:08	58.85
WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
WCT6_1	0.2012	571.74	01Jan2006, 12:12	54.98

WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
WCT7_1	0.101	332.89	01Jan2006, 12:08	27.53
WCT7_2	0.0666	212.64	01Jan2006, 12:09	18.49
WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
WCT8A_1	0.1221	331.65	01Jan2006, 12:17	37.41
WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
WCT8_1	0.1826	627.92	01Jan2006, 12:14	73.77
WCT8_2	0.1885	650.31	01Jan2006, 12:09	57.31
WCT8_3	0.1646	482.39	01Jan2006, 12:14	49.35
WCT8_4	0.2099	466.47	01Jan2006, 12:22	58.72
WCT8_5	0.2454	694.23	01Jan2006, 12:11	64.66
WCT8_6	0.1614	297.51	01Jan2006, 12:20	35.01
WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
WCT8_I40	1.394	2101.11	01Jan2006, 12:51	380.95
WCT9_1	0.0231	99.69	01Jan2006, 12:01	6.12
WCT9_2	0.0772	346.7	01Jan2006, 12:03	23.62
WCT9_3	0.1468	516.19	01Jan2006, 12:08	43
WCT9_4	0.0492	181.33	01Jan2006, 12:07	14.39
WCT9_5	0.171	501.28	01Jan2006, 12:14	51.57
WCT9_6	0.155	563.53	01Jan2006, 12:07	46.1
WCT9_MLK	0.522	1063.35	01Jan2006, 12:34	154.65
WCT9_PooleRd	0.155	515.77	01Jan2006, 12:12	46.09
WC_1	0.6191	1305.63	01Jan2006, 12:24	170.06
WC_10	0.3731	786.2	01Jan2006, 12:24	102.25
WC_11	0.5628	1750.61	01Jan2006, 12:13	174.44
WC_12	0.008	35.09	01Jan2006, 12:02	2.26
WC_13	0.1335	455.25	01Jan2006, 12:09	39.43
WC_14	0.0276	112.91	01Jan2006, 12:04	7.78
WC_15	0.0282	146.94	01Jan2006, 12:03	11.09
WC_16	0.1376	516.81	01Jan2006, 12:11	54.33
WC_17	0.115	436.09	01Jan2006, 12:11	44.8
WC_18	0.1116	322.25	01Jan2006, 12:12	31.05
WC_19	0.3417	1109.19	01Jan2006, 12:12	109.77
WC_2	0.1517	359.1	01Jan2006, 12:16	38.68
WC_20	0.0332	187.7	01Jan2006, 12:00	12.21
WC_21	0.076	205.66	01Jan2006, 12:16	22.31
WC_22	0.0499	255.01	01Jan2006, 12:03	18.27
WC_23	0.5254	1381.38	01Jan2006, 12:20	171.02
WC_24	0.0575	251.31	01Jan2006, 12:06	20.86
WC_25	0.3527	1410.58	01Jan2006, 12:07	116.6
WC_26	0.0221	121.56	01Jan2006, 12:02	8.68
WC_27	0.0287	144.71	01Jan2006, 12:04	11.43
WC_28	0.4701	1827.21	01Jan2006, 12:09	171.04
WC_29	0.2428	637.02	01Jan2006, 12:16	69.29
WC_3	0.1596	438.82	01Jan2006, 12:13	43.78
WC_30	0.0864	347.18	01Jan2006, 12:04	24.74
WC_31	0.0093	36.32	01Jan2006, 12:04	2.52
WC_32	0.1026	339.35	01Jan2006, 12:08	27.76
WC_33	1.5394	3787.23	01Jan2006, 12:18	430.27
WC_34	0.0766	379.64	01Jan2006, 12:03	26.65

WC_35	0.019	93.46	01Jan2006, 12:03	6.92
WC_36	0.2917	918.73	01Jan2006, 12:15	100.05
WC_37	0.055	230.37	01Jan2006, 12:03	15.46
WC_38	0.6557	1424.82	01Jan2006, 12:28	207.95
WC_39	0.0947	386.7	01Jan2006, 12:05	28.3
WC_4	0.5381	1283.35	01Jan2006, 12:13	127.16
WC_40	0.0823	247.38	01Jan2006, 12:11	22.71
WC_41	0.5422	1692.37	01Jan2006, 12:17	205.07
WC_42	0.5619	1193.79	01Jan2006, 12:28	171.58
WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
WC_5	0.5983	895.76	01Jan2006, 12:29	129.33
WC_6	0.0706	222.5	01Jan2006, 12:08	18.67
WC_7	0.2568	829.82	01Jan2006, 12:12	81.52
WC_8	0.0099	35.8	01Jan2006, 12:04	2.52
WC_9	0.2186	484.97	01Jan2006, 12:23	62.47
Watson Generic Reservoir	0.1687	237.81	01Jan2006, 12:37	47.81
White Oak Lake	0.5201	1046.8	01Jan2006, 12:30	152.69
WildBT1_1	0.0362	152.53	01Jan2006, 12:05	11.6
WildBT1_2	0.1749	571.91	01Jan2006, 12:09	48.61
WildBT1_3	0.1834	613.77	01Jan2006, 12:12	60.78
WildBT1_4	0.0339	187.6	01Jan2006, 12:01	12.94
WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
WildBT2_1	0.0239	74.69	01Jan2006, 12:09	6.45
WildBT2_2	0.1578	374.21	01Jan2006, 12:11	34.07
WildBTrb1_Tryon_And_Chapanoke	0.2021	274.72	01Jan2006, 12:31	70.66
WildB_1	0.1177	503.59	01Jan2006, 12:07	43.06
WildB_2	0.1698	614.94	01Jan2006, 12:12	65.4
WildB_3	0.2929	739.57	01Jan2006, 12:21	92.38
WildB_4	0.1163	360.66	01Jan2006, 12:16	40.89
WildB_5	0.0353	107.03	01Jan2006, 12:06	8.16
WildB_6	0.0548	159.34	01Jan2006, 12:09	13.7
WildB_7	0.3393	717.71	01Jan2006, 12:25	95.66
WildB_8	0.0248	115.19	01Jan2006, 11:59	6.59
WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25
WildBrnchT2_RRXsing	0.1578	255.03	01Jan2006, 12:23	34.06
WildcatBranch_I40Xsing	1.9683	2220.01	01Jan2006, 13:21	593.12
WildcatBranch_RRXsing	1.7985	2918.95	01Jan2006, 12:54	528.42
WtsnB_1	0.1177	421.23	01Jan2006, 12:09	37.92
WtsnB_2	0.0956	457.79	01Jan2006, 12:02	30.75
WtsnB_3	0.0154	76.07	01Jan2006, 11:59	4.26
WtsnB_4	0.1534	396.6	01Jan2006, 12:16	43.57

GLOBAL SUMMARY
Post Detained 1-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0557	1694.65	01Jan2006, 23:16	1074.67
72_CarolinaPines_WCT13	0.5049	54.48	01Jan2006, 13:04	20.65
AreaA	0.0567	28.67	01Jan2006, 12:14	2.98
AreaB1	0.019	1.2	01Jan2006, 12:09	0.21
AreaB2	0.059	12.29	01Jan2006, 12:11	1.42
AreaC1	0.0168	27.11	01Jan2006, 12:07	2.38
Avent Ferry Dr	1.1695	273.54	01Jan2006, 12:21	68.29
BBT1_1	0.5004	109.38	01Jan2006, 12:46	21.59
BBT1_2	0.272	104.89	01Jan2006, 12:15	11.69
BBT1_3	3.9284	466.55	01Jan2006, 13:10	126.57
BBT2_1	0.2378	51.8	01Jan2006, 12:41	9.68
BBT2_2	0.1003	27.01	01Jan2006, 12:21	3.61
BBT2_3	0.0099	6.51	01Jan2006, 12:01	0.4
BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
BBT3A_1	0.0277	1.69	01Jan2006, 12:25	0.39
BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
BBT3_1	0.2625	59.27	01Jan2006, 12:33	9.9
BBT3_2	0.2544	66.73	01Jan2006, 12:31	10.59
BBT3_3	0.1488	21.66	01Jan2006, 12:25	3.65
BBT3_4	0.1146	32.17	01Jan2006, 12:13	3.55
BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
BBT4A_1	0.0355	7.28	01Jan2006, 12:11	0.85
BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
BBT4_1	0.2036	33.45	01Jan2006, 12:21	5.11
BBT4_2	0.3116	31.7	01Jan2006, 12:36	6.72
BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
BBT5_1	0.1414	21.08	01Jan2006, 12:11	2.7
BBT5_2	0.1343	9.66	01Jan2006, 12:31	2.19
BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
BB_1	0.3673	60.48	01Jan2006, 12:47	12.72
BB_2	0.4078	83.96	01Jan2006, 12:37	15.14
BB_3	0.1114	71.09	01Jan2006, 12:12	6.85
BB_4	0.2583	46.51	01Jan2006, 12:18	6.6
BB_5	0.2954	44.98	01Jan2006, 12:22	7.13
BB_6	0.006	2.01	01Jan2006, 12:06	0.17
BB_7	1.233	130.13	01Jan2006, 12:51	31.43
BigBranchTrib1_I40Xsing	3.9284	432.34	01Jan2006, 13:28	121.73
BigBranchTrib3_I40Xsing	0.9359	257.89	01Jan2006, 12:42	33.88
BigBrnch_AuburnChurchRd_US	1.233	130	01Jan2006, 12:52	31.32
BushBT1_1	0.0988	53.61	01Jan2006, 12:10	4.76
BushBT1_2	0.1312	146.68	01Jan2006, 12:04	10.23
BushBT1_3	0.1465	148.54	01Jan2006, 12:13	14.68
BushB_2	0.1747	92.03	01Jan2006, 12:13	9.29
BushB_3	0.177	112.57	01Jan2006, 12:11	10.39
BushB_4	0.1027	79.19	01Jan2006, 12:07	6.3
Bushy Branch Generic Reservoir	0.972	770.1	01Jan2006, 12:24	73.95
Bypass	0.0377	33.64	01Jan2006, 12:09	2.85
CBT1_1	0.0096	4.97	01Jan2006, 12:00	0.3

CBT1_2	0.0184	18.76	01Jan2006, 12:00	1.05
CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
CB_1	0.0436	44.69	01Jan2006, 12:03	2.95
CB_2	0.0701	65.39	01Jan2006, 12:01	3.88
CB_3	0.1607	92.76	01Jan2006, 12:15	9.67
CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
Cary Towne Blvd	1.4288	684.06	01Jan2006, 12:24	118.88
DortheaDixFarmPnd_WCT16	0.2939	79.32	01Jan2006, 12:20	8.58
GB_1	0.2347	169	01Jan2006, 12:14	16.79
GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
GatlingBranch_I40Xsing	0.401	234.35	01Jan2006, 12:22	25.63
I-440 Beltline	0.5468	117.58	01Jan2006, 13:01	32.42
J_BBT1_1	5.8992	581.02	01Jan2006, 13:54	195.7
J_BBT1_1_BB_2	11.6903	1137.86	01Jan2006, 13:32	366.1
J_BBT1_2	4.2004	446.93	01Jan2006, 13:40	132.67
J_BBT1_3	3.9284	432.34	01Jan2006, 13:28	121.73
J_BBT2_1	0.508	144.61	01Jan2006, 12:36	20.12
J_BBT2_1_BB_3	5.3834	562.49	01Jan2006, 13:08	156.9
J_BBT2_2	0.2702	96.69	01Jan2006, 12:19	10.51
J_BBT2_3	0.1698	69.84	01Jan2006, 12:13	6.91
J_BBT2_4	0.16	71.85	01Jan2006, 12:09	6.53
J_BBT3A_1	0.2329	51.6	01Jan2006, 12:24	6.79
J_BBT3A_1_BBT3_3	0.6816	200.65	01Jan2006, 12:27	23.45
J_BBT3A_2	0.2052	49.92	01Jan2006, 12:18	6.43
J_BBT3_1	1.1985	304.17	01Jan2006, 12:49	43.64
J_BBT3_1_BBT1_2	5.3988	540.11	01Jan2006, 13:32	176.31
J_BBT3_2	0.9359	257.89	01Jan2006, 12:42	33.88
J_BBT3_3	0.4486	150.87	01Jan2006, 12:28	16.65
J_BBT3_4	0.2998	129.41	01Jan2006, 12:18	13.06
J_BBT3_5	0.1852	101.03	01Jan2006, 12:11	9.53
J_BBT4A_1	0.239	67.98	01Jan2006, 12:13	6.94
J_BBT4A_1_BBT4_2	0.7267	87.34	01Jan2006, 12:29	16.72
J_BBT4A_2	0.2035	60.78	01Jan2006, 12:10	6.1
J_BBT4_1	0.9302	114.41	01Jan2006, 12:28	21.71
J_BBT4_2	0.4876	55.55	01Jan2006, 12:32	9.78
J_BBT4_3	0.176	24.29	01Jan2006, 12:10	3.1
J_BBT5_1	0.8798	106.41	01Jan2006, 12:58	24.59
J_BBT5_1_BB_7	2.1128	235.66	01Jan2006, 12:55	55.91
J_BBT5_2	0.7384	100.93	01Jan2006, 12:50	21.98
J_BBT5_3	0.6041	93.71	01Jan2006, 12:46	19.84
J_BB_1	12.0576	1164.8	01Jan2006, 13:47	376.07
J_BB_1_WC_5	43.4338	1795.86	01Jan2006, 19:54	1429.76
J_BB_2	5.7911	601.13	01Jan2006, 13:11	170.4
J_BB_3	4.8754	498.53	01Jan2006, 13:11	136.78
J_BB_4	3.6026	325.83	01Jan2006, 13:20	90.3
J_BB_5	2.4141	251.31	01Jan2006, 13:11	62.71
J_BB_5_BBT4_1	3.3443	314.16	01Jan2006, 13:04	84.42
J_BB_6	2.1187	235.95	01Jan2006, 12:58	55.99
J_BB_7	1.233	130	01Jan2006, 12:52	31.32
J_BushBT1_1	0.3765	277.66	01Jan2006, 12:22	29.55

J_BushBT1_1_BushB_2	1.7003	963.99	01Jan2006, 12:43	122.63
J_BushBT1_2	0.2777	246.65	01Jan2006, 12:08	24.89
J_BushBT1_3	0.1465	148.54	01Jan2006, 12:13	14.68
J_BushBT2_1	0.1979	110.36	01Jan2006, 12:09	10.01
J_BushBT2_2	0.1777	93.36	01Jan2006, 12:10	8.51
J_BushBT2_T4_T5	0.8692	848.55	01Jan2006, 12:13	67.94
J_BushBT3_1	0.2231	280.79	01Jan2006, 12:07	18.87
J_BushBT3_1_BushBT4_2	0.4202	497.91	01Jan2006, 12:06	34.57
J_BushBT3_2	0.1883	263.34	01Jan2006, 12:03	17.54
J_BushBT4_1	0.4765	544.69	01Jan2006, 12:14	41.58
J_BushBT4_2	0.1972	227.82	01Jan2006, 12:04	15.7
J_BushBT4_3	0.1642	216.48	01Jan2006, 12:04	14.68
J_BushBT5_1	0.1949	205.68	01Jan2006, 12:12	16.35
J_BushBT5_2	0.1609	166.07	01Jan2006, 12:07	12.78
J_BushB_1	1.9187	1012.1	01Jan2006, 12:51	139.44
J_BushB_2	1.3238	815.99	01Jan2006, 12:45	93.09
J_BushB_3	1.149	786.51	01Jan2006, 12:32	84.14
J_BushB_4	0.972	745.29	01Jan2006, 12:27	73.87
J_CBT1_1	0.1972	178.39	01Jan2006, 12:14	15.08
J_CBT1_1_CB_3	0.5256	385.6	01Jan2006, 12:15	35.48
J_CBT1_2	0.1876	177.27	01Jan2006, 12:10	14.8
J_CBT1_3	0.1693	171.59	01Jan2006, 12:08	13.76
J_CB_1	0.6393	406.77	01Jan2006, 12:27	42.14
J_CB_2	0.5958	397.71	01Jan2006, 12:21	39.28
J_CB_3	0.3284	207.77	01Jan2006, 12:15	20.4
J_CB_4	0.1677	115.07	01Jan2006, 12:12	10.75
J_CryTwnBlvdRes_WC_42	1.9907	931.33	01Jan2006, 12:26	155.92
J_GB_1	0.401	234.35	01Jan2006, 12:22	25.63
J_GB_2	0.1663	100.03	01Jan2006, 12:10	8.91
J_PBT1_1	0.1747	8.91	01Jan2006, 12:28	2.21
J_PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
J_PB_1	1.1613	208.35	01Jan2006, 12:52	40.1
J_PB_1_BB_4	4.7639	487.85	01Jan2006, 13:04	130.4
J_PB_2	0.9862	184.81	01Jan2006, 12:43	33.49
J_PB_3	0.6575	161.16	01Jan2006, 12:36	27.52
J_PB_3_PBT1_1	0.8323	169.29	01Jan2006, 12:36	29.73
J_PB_4	0.2727	56.79	01Jan2006, 12:25	8.93
J_RBT1_1	0.2582	356.85	01Jan2006, 12:11	24.95
J_RBT1_1_RB_7	2.3635	798.56	01Jan2006, 12:34	164.71
J_RBT1_2	0.2113	331.98	01Jan2006, 12:03	21.37
J_RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
J_RB_1	3.146	849.46	01Jan2006, 13:06	231.06
J_RB_10	1.4554	603.43	01Jan2006, 12:44	102.97
J_RB_11	1.1918	568.4	01Jan2006, 12:35	84.98
J_RB_12	0.9269	500.47	01Jan2006, 12:28	64.54
J_RB_13	0.6298	317.66	01Jan2006, 12:25	39.66
J_RB_14	0.5006	288.89	01Jan2006, 12:17	33.66
J_RB_15	0.3472	206.96	01Jan2006, 12:07	23.76
J_RB_16	0.2576	128.39	01Jan2006, 12:07	17.69
J_RB_17	0.1645	127.36	01Jan2006, 12:06	9.52

J_RB_1_WC_21	20.4469	2027.85	01Jan2006, 12:55	940.27
J_RB_2	3.0953	843.19	01Jan2006, 13:03	225.26
J_RB_3	2.9041	901.73	01Jan2006, 12:47	214.09
J_RB_4	2.7305	870.55	01Jan2006, 12:43	197.89
J_RB_5	2.5176	807.2	01Jan2006, 12:44	175.92
J_RB_6	2.4713	804.11	01Jan2006, 12:38	174.73
J_RB_7	2.1053	667.25	01Jan2006, 12:35	140.04
J_RB_8	1.9409	656.69	01Jan2006, 12:57	133.6
J_RB_9	1.7677	630.48	01Jan2006, 12:55	115.54
J_SB_1	1.2176	284.78	01Jan2006, 12:24	72.54
J_SB_1_WC_30	8.9555	760.31	01Jan2006, 12:23	444.24
J_SB_2	1.1695	273.52	01Jan2006, 12:21	68.29
J_SB_3	1.0274	233.31	01Jan2006, 12:22	60.43
J_SB_4	0.7737	169.78	01Jan2006, 12:48	46.08
J_SB_5	0.5468	118.42	01Jan2006, 12:56	32.46
J_SB_6	0.5201	262.1	01Jan2006, 12:21	34.25
J_SB_7	0.417	217.97	01Jan2006, 12:24	28.04
J_SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
J_WC37_WCT25_1	3.3506	1003.69	01Jan2006, 13:08	241.68
J_WCT10_1	0.3311	176.84	01Jan2006, 12:25	23.1
J_WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.26
J_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
J_WCT11_1_WC_19	23.3569	2291.44	01Jan2006, 13:39	1098.56
J_WCT11_2	0.342	101	01Jan2006, 12:20	13.31
J_WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
J_WCT12A_1	0.2874	177.89	01Jan2006, 12:21	19.68
J_WCT12A_1_WCT12_4	0.8089	214.26	01Jan2006, 12:19	45.56
J_WCT12A_2	0.2173	144.76	01Jan2006, 12:13	13.2
J_WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
J_WCT12B_1	0.0844	61.94	01Jan2006, 12:08	4.84
J_WCT12_1	1.1374	293.66	01Jan2006, 12:20	73
J_WCT12_1_WC_22	17.14	1248.12	01Jan2006, 12:36	704.68
J_WCT12_2	0.9312	228.91	01Jan2006, 12:33	50.36
J_WCT12_3	0.8193	217.18	01Jan2006, 12:22	46.25
J_WCT12_4	0.5215	90.23	01Jan2006, 13:13	25.88
J_WCT12_5_1_WCT12B_1	0.2754	78.35	01Jan2006, 12:43	14.96
J_WCT12_5_2	0.4333	84.01	01Jan2006, 13:05	21.34
J_WCT12_6	0.191	66.18	01Jan2006, 12:30	10.6
J_WCT13_1	0.6855	102.76	01Jan2006, 12:22	32.55
J_WCT13_1_WC_23	15.9359	981.74	01Jan2006, 12:28	629.91
J_WCT13_2	0.5049	54.48	01Jan2006, 13:04	20.65
J_WCT13_3	0.4078	163.3	01Jan2006, 12:20	17.39
J_WCT13_4	0.2575	112.21	01Jan2006, 12:12	11.24
J_WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
J_WCT14_1	0.3417	205.03	01Jan2006, 12:17	19.15
J_WCT14_1_WC_24	14.6682	819.51	01Jan2006, 12:17	570.81
J_WCT14_2	0.2542	145.98	01Jan2006, 12:09	12.58
J_WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
J_WCT15_1	0.3746	251.63	01Jan2006, 12:10	30.03
J_WCT15_1_WC_25	14.269	724.76	01Jan2006, 12:09	554.33

J_WCT15_2	0.2481	139.43	01Jan2006, 12:16	15.25
J_WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
J_WCT16_1	0.305	80.57	01Jan2006, 12:23	8.95
J_WCT16_1_WC_26	13.5417	610.29	01Jan2006, 18:52	497.62
J_WCT16_2	0.2939	79.32	01Jan2006, 12:20	8.58
J_WCT16_3	0.2106	85.96	01Jan2006, 12:10	6.73
J_WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
J_WCT17_1	1.0661	296.1	01Jan2006, 12:45	42.6
J_WCT17_1_WC_27	13.2146	605.14	01Jan2006, 18:51	487.53
J_WCT17_2	0.7076	264.26	01Jan2006, 12:23	35.49
J_WCT17_3	0.6196	245.27	01Jan2006, 12:17	30.52
J_WCT17_4	0.4336	201.08	01Jan2006, 12:26	22.37
J_WCT17_5	0.2541	144.96	01Jan2006, 12:25	12.92
J_WCT17_6	0.2078	137.27	01Jan2006, 12:17	10.71
J_WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
J_WCT18_1	0.5326	346.15	01Jan2006, 12:28	44.21
J_WCT18_2	0.3909	383.58	01Jan2006, 12:14	32.69
J_WCT18_3	0.2968	302.69	01Jan2006, 12:07	24.04
J_WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
J_WCT19_1	0.3147	234.94	01Jan2006, 12:13	19.71
J_WCT19_2	0.1616	169.27	01Jan2006, 12:08	12.78
J_WCT1_1	0.5662	201.46	01Jan2006, 12:28	26.44
J_WCT1_1_WC_2	45.4366	1726.93	01Jan2006, 22:11	1204.33
J_WCT1_2	0.2847	106.68	01Jan2006, 12:23	12.68
J_WCT1_3	0.2476	95.56	01Jan2006, 12:17	10.29
J_WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
J_WCT20_1	0.2318	279.06	01Jan2006, 12:16	22.23
J_WCT20_1_WC_32	7.3276	510.52	01Jan2006, 15:45	351.07
J_WCT20_2	0.2266	278.12	01Jan2006, 12:14	22.04
J_WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
J_WCT21_1	0.2359	137.4	01Jan2006, 12:12	14.83
J_WCT21_2	0.2181	135.75	01Jan2006, 12:09	14.59
J_WCT21_3	0.1657	101.42	01Jan2006, 12:15	11.18
J_WCT22_1	0.5905	433.13	01Jan2006, 12:42	60.84
J_WCT22_1_WC_34	5.2179	1599.44	01Jan2006, 12:51	387.2
J_WCT22_2	0.5242	426.52	01Jan2006, 12:26	56.28
J_WCT22_3	0.347	323.2	01Jan2006, 12:21	42.64
J_WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
J_WCT23_1	0.2075	140.12	01Jan2006, 12:18	13.41
J_WCT23_2	0.2045	139.06	01Jan2006, 12:15	13.12
J_WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
J_WCT24_1	0.682	295.96	01Jan2006, 12:41	38.87
J_WCT24_1_WC_36	4.3244	1218.81	01Jan2006, 12:43	305.69
J_WCT24_2	0.6657	293.65	01Jan2006, 12:38	37.67
J_WCT24_3	0.5429	269.99	01Jan2006, 12:24	31.69
J_WCT24_4	0.2916	171.86	01Jan2006, 12:16	17.38
J_WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
J_WCT25_1	0.1626	108.63	01Jan2006, 12:11	9.46
J_WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
J_WCT26_1	0.3096	93.47	01Jan2006, 12:40	17.98

J_WCT26_1_WC_40	2.3827	957.97	01Jan2006, 12:42	177.14
J_WCT26_2	0.2949	90.03	01Jan2006, 12:37	16.51
J_WCT26_3	0.1835	68.63	01Jan2006, 12:18	7.68
J_WCT2_1	0.3015	60.73	01Jan2006, 12:21	8.2
J_WCT2_1_WC_3	44.7186	1732.59	01Jan2006, 21:34	1255.38
J_WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
J_WCT3_1	0.2856	54.74	01Jan2006, 12:22	8.76
J_WCT3_1_WC_4	44.2575	1744.47	01Jan2006, 20:57	1319.48
J_WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
J_WCT4_1	0.2291	50.83	01Jan2006, 12:22	6
J_WCT4_1_WC_6	30.7779	1603.71	01Jan2006, 19:31	1094.43
J_WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
J_WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
J_WCT5_1_1	0.4649	216.34	01Jan2006, 12:31	31.04
J_WCT5_1_1_WC_7	30.4782	1633.75	01Jan2006, 18:48	1148.75
J_WCT5_1_2_WCT5A_1	0.2816	165.76	01Jan2006, 12:20	17.54
J_WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
J_WCT6_1	0.3532	179.42	01Jan2006, 12:15	17.53
J_WCT6_1_WC_8	29.7566	1626.38	01Jan2006, 18:27	1129.8
J_WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
J_WCT7_1	0.3685	156.21	01Jan2006, 12:25	19.81
J_WCT7_1_WC_12	28.2391	1835.98	01Jan2006, 16:11	1236.83
J_WCT7_2	0.2674	130.34	01Jan2006, 12:18	14.88
J_WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
J_WCT8A_1	0.272	151.05	01Jan2006, 12:20	16.21
J_WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
J_WCT8_1	1.5766	435.77	01Jan2006, 13:00	95.24
J_WCT8_1_WC_13	27.8626	1832.19	01Jan2006, 16:00	1230.29
J_WCT8_2	1.394	392.25	01Jan2006, 12:48	71.12
J_WCT8_3	1.2056	381.13	01Jan2006, 12:32	59.3
J_WCT8_4	0.769	191.48	01Jan2006, 12:29	32.93
J_WCT8_4_WCT8A_1	1.041	324.17	01Jan2006, 12:26	49.14
J_WCT8_5	0.5591	122.83	01Jan2006, 12:37	21.98
J_WCT8_6	0.3137	80.83	01Jan2006, 12:30	10.9
J_WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
J_WCT9_1	0.6223	308.84	01Jan2006, 12:36	37.77
J_WCT9_1_WC_14	26.1525	1850.04	01Jan2006, 15:27	1168.13
J_WCT9_2	0.5992	306.59	01Jan2006, 12:32	36.76
J_WCT9_3	0.522	293.43	01Jan2006, 12:22	31.8
J_WCT9_4	0.3752	238.04	01Jan2006, 12:17	23.22
J_WCT9_5	0.326	214.96	01Jan2006, 12:12	20.37
J_WCT9_6	0.155	114.91	01Jan2006, 12:09	9.49
J_WC_10_WC_9	29.3935	1628.66	01Jan2006, 18:06	1140.6
J_WC_11	28.8018	1734.99	01Jan2006, 17:02	1204.37
J_WC_12	27.8706	1824.67	01Jan2006, 16:12	1217.02
J_WC_13	26.286	1774.27	01Jan2006, 16:02	1135.05
J_WC_14	25.5302	1825.06	01Jan2006, 15:27	1130.36
J_WC_15	25.1716	1810.17	01Jan2006, 15:25	1108.37
J_WC_15_WCT10_1	25.5027	1824.55	01Jan2006, 15:25	1131.47
J_WC_16	25.1434	1809.27	01Jan2006, 15:23	1107.84

J_WC_17	24.6048	1806.36	01Jan2006, 15:06	1082.83
J_WC_17_GB_1	25.0057	1823.47	01Jan2006, 15:05	1108.47
J_WC_18	23.4685	1999.16	01Jan2006, 14:19	1060.94
J_WC_19	22.9079	2259.54	01Jan2006, 13:40	1077.28
J_WC_2	44.8703	1718.82	01Jan2006, 22:11	1177.89
J_WC_20	20.4802	1931.33	01Jan2006, 13:12	930.04
J_WC_21	17.301	1223.71	01Jan2006, 12:46	709.2
J_WC_22	16.0026	959.89	01Jan2006, 12:36	631.68
J_WC_23	15.2503	883.82	01Jan2006, 12:29	597.36
J_WC_24	14.3265	629.49	01Jan2006, 19:01	551.66
J_WC_25	13.8944	619.19	01Jan2006, 18:52	524.3
J_WC_26	13.2367	605.77	01Jan2006, 18:53	488.67
J_WC_27	12.1485	585.7	01Jan2006, 18:54	444.93
J_WC_28_WCT18_1	12.1198	1925.3	01Jan2006, 12:31	681.27
J_WC_29	9.1984	634.43	01Jan2006, 12:36	449.81
J_WC_29_BushB_1	11.1171	1600.33	01Jan2006, 12:50	589.25
J_WC_3	44.4171	1729.38	01Jan2006, 21:34	1247.19
J_WC_30	7.738	523.57	01Jan2006, 15:54	371.69
J_WC_31	7.3369	510.72	01Jan2006, 15:48	350.92
J_WC_31_WCT19_1	7.6516	566.32	01Jan2006, 12:16	370.64
J_WC_32	7.0958	500.18	01Jan2006, 15:47	328.84
J_WC_33_WCT21_1	6.9932	2024.84	01Jan2006, 12:34	483.21
J_WC_34	4.6274	1226.69	01Jan2006, 13:06	326.36
J_WC_35	4.3433	1219.71	01Jan2006, 12:46	307.43
J_WC_35_WCT23_1	4.5508	1262.42	01Jan2006, 12:44	320.83
J_WC_36	3.6423	1038.84	01Jan2006, 13:07	266.82
J_WC_37	3.188	989.35	01Jan2006, 13:09	232.22
J_WC_38	3.133	1029.07	01Jan2006, 12:49	229.33
J_WC_39	2.4774	912.63	01Jan2006, 12:56	182.12
J_WC_4	43.9719	1741.14	01Jan2006, 20:57	1310.72
J_WC_40	2.073	865.12	01Jan2006, 12:43	159.16
J_WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
J_WC_5	31.3762	1599.23	01Jan2006, 20:07	1053.69
J_WC_6	30.5488	1600.84	01Jan2006, 19:31	1088.43
J_WC_7	30.0134	1622.55	01Jan2006, 18:49	1117.71
J_WC_8	29.4034	1618.95	01Jan2006, 18:28	1112.27
J_WildBT1_1	0.5965	397.81	01Jan2006, 12:22	44.98
J_WildBT1_1_WildB_5	1.3893	601.98	01Jan2006, 12:29	80.98
J_WildBT1_2	0.5604	384.64	01Jan2006, 12:19	42.36
J_WildBT1_3	0.3855	317.86	01Jan2006, 12:18	33.35
J_WildBT1_4	0.2021	188.25	01Jan2006, 12:16	18.65
J_WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
J_WildBT2_1	0.1817	44.93	01Jan2006, 12:18	5.43
J_WildBT2_1_WildB_6	0.7574	247.69	01Jan2006, 12:32	34.94
J_WildBT2_2	0.1578	35.13	01Jan2006, 12:16	4.29
J_WildB_1	2.086	471.22	01Jan2006, 13:18	143.79
J_WildB_1_WC_20	22.5662	2399.63	01Jan2006, 13:14	1073.83
J_WildB_2	1.9683	458.87	01Jan2006, 13:16	131.74
J_WildB_3	1.7985	435.22	01Jan2006, 13:12	111.91
J_WildB_4	1.5056	654.65	01Jan2006, 12:36	91.57

J_WildB_5	0.7927	251.02	01Jan2006, 12:38	36
J_WildB_6	0.5757	218.07	01Jan2006, 12:33	29.51
J_WildB_7	0.5209	209.18	01Jan2006, 12:26	27.42
J_WildB_8	0.1817	79.87	01Jan2006, 12:19	9.11
J_WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98
J_WtsnB_1	1.0213	526.65	01Jan2006, 12:43	66.92
J_WtsnB_1_WC_18	24.4898	2061.2	01Jan2006, 14:17	1127.85
J_WtsnB_2	0.2643	141.22	01Jan2006, 12:04	16.29
J_WtsnB_2_CB_1	0.9036	502.32	01Jan2006, 12:27	58.43
J_WtsnB_3	0.1687	75.28	01Jan2006, 12:20	9.2
J_WtsnB_4	0.1534	72.86	01Jan2006, 12:18	8.41
Lake Raleigh	12.1198	607.04	01Jan2006, 17:52	483.03
Lake_Johnson	6.9932	510.17	01Jan2006, 14:53	337.58
PBT1_1	0.0066	0.9	01Jan2006, 12:09	0.11
PBT1_2	0.1682	8.5	01Jan2006, 12:25	2.11
PB_1	0.1751	49.5	01Jan2006, 12:22	6.76
PB_2	0.154	24.49	01Jan2006, 12:23	3.86
PB_3	0.3848	128.37	01Jan2006, 12:28	18.69
PB_4_1	0.1089	26.86	01Jan2006, 12:19	3.58
PB_4_2	0.1638	32.57	01Jan2006, 12:29	5.35
Pineview Dr	0.7737	169.43	01Jan2006, 12:51	46.08
PoplarBranch_I40	0.1638	32.53	01Jan2006, 12:30	5.35
Priv_1001_UnderwoodPond_WCT8	0.3137	80.83	01Jan2006, 12:30	10.9
Private15_Ileagnes_WCT12	0.4333	84.01	01Jan2006, 13:05	21.34
Private23_GolfCourseC_WCT12	0.1614	63.02	01Jan2006, 12:30	9.25
Private36_GolfCourseA_WCT12B	0.0844	61.94	01Jan2006, 12:08	4.84
RBT1_1	0.0469	59.78	01Jan2006, 12:01	3.63
RBT1_2	0.0428	79.44	01Jan2006, 11:58	4.35
RBT1_3	0.1685	275.69	01Jan2006, 12:01	17.03
RB_1	0.0507	79.11	01Jan2006, 12:05	6.02
RB_10	0.2635	251.3	01Jan2006, 12:05	18.26
RB_11	0.265	248.27	01Jan2006, 12:09	20.62
RB_12	0.2971	212.86	01Jan2006, 12:19	24.96
RB_13	0.1292	76.23	01Jan2006, 12:07	6.09
RB_14	0.1534	113.4	01Jan2006, 12:10	9.99
RB_15	0.0896	86.7	01Jan2006, 12:05	6.09
RB_16	0.0931	113.42	01Jan2006, 12:05	8.32
RB_17	0.1645	127.36	01Jan2006, 12:06	9.52
RB_2	0.1911	125.04	01Jan2006, 12:13	12.37
RB_3	0.1736	201.87	01Jan2006, 12:08	16.52
RB_4	0.2129	230.23	01Jan2006, 12:12	22.02
RB_5	0.0463	20.41	01Jan2006, 12:05	1.53
RB_6	0.1078	153.82	01Jan2006, 12:03	10.23
RB_7	0.1644	85.66	01Jan2006, 12:07	7.06
RB_8	0.1732	216.66	01Jan2006, 12:08	18.17
RB_9	0.3123	134.44	01Jan2006, 12:11	12.98
R_BBT1_1	5.3988	540.11	01Jan2006, 13:57	174.12
R_BBT1_2	3.9284	432.34	01Jan2006, 13:40	120.98
R_BBT2_1_1	0.2702	94.15	01Jan2006, 12:35	10.44
R_BBT2_1_2	0.2702	94.15	01Jan2006, 12:24	10.49

R_BBT2_2	0.1698	69.84	01Jan2006, 12:19	6.9
R_BBT2_3	0.16	67.94	01Jan2006, 12:13	6.52
R_BBT3A_1	0.2052	49.92	01Jan2006, 12:24	6.41
R_BBT3_1	0.9359	257.89	01Jan2006, 12:51	33.75
R_BBT3_2	0.6816	200.65	01Jan2006, 12:40	23.31
R_BBT3_3	0.2998	129.41	01Jan2006, 12:28	13
R_BBT3_4	0.1852	101.03	01Jan2006, 12:19	9.5
R_BBT4A_1	0.2035	60.78	01Jan2006, 12:13	6.09
R_BBT4_1	0.7267	87.34	01Jan2006, 12:43	16.6
R_BBT4_2	0.176	24.29	01Jan2006, 12:32	3.06
R_BBT5_1	0.7384	100.93	01Jan2006, 12:58	21.89
R_BBT5_2	0.6041	93.71	01Jan2006, 12:51	19.79
R_BB_1	11.6903	1137.86	01Jan2006, 13:47	363.35
R_BB_2	5.3834	562.49	01Jan2006, 13:29	155.26
R_BB_3	4.7639	487.85	01Jan2006, 13:11	129.93
R_BB_4	3.3443	314.16	01Jan2006, 13:20	83.7
R_BB_5	2.1187	235.95	01Jan2006, 13:12	55.58
R_BB_6	2.1128	235.66	01Jan2006, 12:58	55.82
R_BushBT1_1	0.2777	246.65	01Jan2006, 12:23	24.78
R_BushBT1_2	0.1465	148.54	01Jan2006, 12:17	14.66
R_BushBT3_1	0.1883	263.34	01Jan2006, 12:07	17.53
R_BushBT4_1	0.4202	497.91	01Jan2006, 12:15	34.49
R_BushBT5_1	0.1609	166.07	01Jan2006, 12:13	12.76
R_BushB_1	1.7003	963.99	01Jan2006, 12:51	122.32
R_BushB_2	1.149	786.51	01Jan2006, 12:45	83.79
R_BushB_3_1	0.972	739.68	01Jan2006, 12:33	73.75
R_BushB_3_2	0.972	745.29	01Jan2006, 12:31	73.78
R_BushB_4_1	0.972	745.29	01Jan2006, 12:27	73.87
R_BushB_4_2	0.8692	848.55	01Jan2006, 12:19	67.82
R_CBT1_1	0.1876	177.27	01Jan2006, 12:14	14.79
R_CBT1_2	0.1693	171.59	01Jan2006, 12:11	13.75
R_CB_1	0.5958	397.71	01Jan2006, 12:27	39.2
R_CB_2	0.5256	385.6	01Jan2006, 12:22	35.4
R_CB_3	0.1677	115.07	01Jan2006, 12:16	10.73
R_GB_1	0.1663	100.03	01Jan2006, 12:26	8.86
R_PBT1_1	0.1682	8.5	01Jan2006, 12:28	2.1
R_PB_1	0.9862	184.81	01Jan2006, 12:53	33.34
R_PB_2	0.8323	169.29	01Jan2006, 12:44	29.63
R_PB_3	0.2727	56.79	01Jan2006, 12:49	8.83
R_RBT1_1	0.2113	331.98	01Jan2006, 12:12	21.32
R_RBT1_2	0.1685	275.69	01Jan2006, 12:04	17.02
R_RB_1	3.0953	843.19	01Jan2006, 13:06	225.04
R_RB_10	1.1918	568.4	01Jan2006, 12:45	84.71
R_RB_11	0.9269	500.47	01Jan2006, 12:36	64.37
R_RB_12	0.6298	317.66	01Jan2006, 12:31	39.58
R_RB_13	0.5006	288.89	01Jan2006, 12:25	33.57
R_RB_14_1	0.3472	201.1	01Jan2006, 12:20	23.67
R_RB_14_2	0.3472	206.96	01Jan2006, 12:17	23.68
R_RB_15	0.2576	128.39	01Jan2006, 12:10	17.67
R_RB_16_1	0.1645	53.12	01Jan2006, 12:29	9.37

R_RB_16_2	0.1645	53.12	01Jan2006, 12:21	9.4
R_RB_2	2.9041	820.88	01Jan2006, 13:06	212.9
R_RB_3	2.7305	870.55	01Jan2006, 12:48	197.57
R_RB_4	2.5176	807.2	01Jan2006, 12:45	175.87
R_RB_5	2.4713	804.11	01Jan2006, 12:44	174.39
R_RB_6	2.3635	785.38	01Jan2006, 12:38	164.5
R_RB_7	1.9409	656.69	01Jan2006, 13:11	132.98
R_RB_8	1.7677	630.48	01Jan2006, 12:58	115.43
R_RB_9	1.4554	603.43	01Jan2006, 12:56	102.57
R_SB_1	1.1695	273.21	01Jan2006, 12:25	68.12
R_SB_2	1.0274	233.09	01Jan2006, 12:25	60.34
R_SB_3	0.7737	169.39	01Jan2006, 12:54	45.98
R_SB_4	0.5468	117.54	01Jan2006, 13:06	32.3
R_SB_7	0.1701	127.21	01Jan2006, 12:21	13.15
R_WCT10_1	0.2318	114.54	01Jan2006, 12:31	14.22
R_WCT11_1	0.449	179.82	01Jan2006, 12:32	21.28
R_WCT11_2	0.16	35.34	01Jan2006, 12:29	4.71
R_WCT12A_1	0.2173	144.76	01Jan2006, 12:23	13.15
R_WCT12A_2	0.1534	91.28	01Jan2006, 12:13	8.26
R_WCT12B_1	0.0844	61.94	01Jan2006, 12:13	4.84
R_WCT12_1	0.9312	228.91	01Jan2006, 12:43	50.16
R_WCT12_2	0.8193	217.18	01Jan2006, 12:28	46.15
R_WCT12_3	0.8089	214.26	01Jan2006, 12:22	45.51
R_WCT12_4	0.4333	84.01	01Jan2006, 13:14	21.26
R_WCT12_5_1	0.191	66.18	01Jan2006, 12:37	10.58
R_WCT12_5_2	0.2754	78.35	01Jan2006, 12:47	14.94
R_WCT13_1	0.5049	54.48	01Jan2006, 13:21	20.46
R_WCT13_2	0.4078	163.3	01Jan2006, 12:28	17.33
R_WCT13_3	0.2575	112.21	01Jan2006, 12:22	11.2
R_WCT13_4	0.1561	61.83	01Jan2006, 12:16	6.35
R_WCT14_1	0.2542	145.98	01Jan2006, 12:19	12.54
R_WCT14_2_1	0.1748	75.96	01Jan2006, 12:13	6.37
R_WCT14_2_2	0.1748	75.96	01Jan2006, 12:09	6.38
R_WCT15_1	0.2481	139.43	01Jan2006, 12:25	15.21
R_WCT15_2	0.1794	100.98	01Jan2006, 12:19	10.11
R_WCT16_1	0.2939	79.32	01Jan2006, 12:23	8.57
R_WCT16_2	0.2106	85.96	01Jan2006, 12:15	6.72
R_WCT16_3	0.1646	77.79	01Jan2006, 12:10	5.66
R_WCT17_1	0.7076	264.26	01Jan2006, 12:46	35.18
R_WCT17_2	0.6196	245.27	01Jan2006, 12:19	30.5
R_WCT17_3	0.4336	201.08	01Jan2006, 12:31	22.32
R_WCT17_4	0.2541	144.96	01Jan2006, 12:28	12.91
R_WCT17_5	0.2078	137.27	01Jan2006, 12:24	10.68
R_WCT17_7	0.1909	133.64	01Jan2006, 12:17	9.87
R_WCT18_1	0.3909	383.58	01Jan2006, 12:21	32.62
R_WCT18_2	0.2968	302.69	01Jan2006, 12:16	23.98
R_WCT18_3	0.2071	226.38	01Jan2006, 12:09	18.21
R_WCT19_1	0.1616	169.27	01Jan2006, 12:18	12.75
R_WCT1_1	0.2847	106.68	01Jan2006, 12:33	12.63
R_WCT1_2	0.2476	95.56	01Jan2006, 12:24	10.26

R_WCT1_3	0.1611	62.73	01Jan2006, 12:18	6.67
R_WCT20_1	0.2266	278.12	01Jan2006, 12:16	22.03
R_WCT20_2	0.169	229.73	01Jan2006, 12:15	17.25
R_WCT21_1	0.2181	135.75	01Jan2006, 12:12	14.57
R_WCT21_2	0.1657	101.42	01Jan2006, 12:20	11.16
R_WCT22_1	0.5242	426.52	01Jan2006, 12:38	56.11
R_WCT22_2	0.347	323.2	01Jan2006, 12:30	42.55
R_WCT22_3	0.2027	293.05	01Jan2006, 12:11	23.71
R_WCT23_1	0.2045	139.06	01Jan2006, 12:18	13.1
R_WCT23_2	0.1653	116.23	01Jan2006, 12:17	9.84
R_WCT24_1	0.6657	293.65	01Jan2006, 12:41	37.63
R_WCT24_2	0.5429	269.99	01Jan2006, 12:39	31.52
R_WCT24_3	0.2916	159.52	01Jan2006, 12:28	17.3
R_WCT24_4	0.1858	139.66	01Jan2006, 12:18	12.01
R_WCT25_1	0.1569	104.05	01Jan2006, 12:11	9.01
R_WCT26_1	0.2949	90.03	01Jan2006, 12:41	16.49
R_WCT26_2	0.1835	68.63	01Jan2006, 12:26	7.66
R_WCT2_1	0.1566	29.38	01Jan2006, 12:22	3.84
R_WCT3_1	0.1582	24.66	01Jan2006, 12:34	4.1
R_WCT4_1	0.1483	40.65	01Jan2006, 12:23	4.35
R_WCT5A_1	0.1308	101.98	01Jan2006, 12:10	8.69
R_WCT5_1_1	0.2816	165.76	01Jan2006, 12:35	17.45
R_WCT5_1_2	0.1508	103.56	01Jan2006, 12:24	8.85
R_WCT6_1	0.152	83.04	01Jan2006, 12:16	7.52
R_WCT7_1	0.2674	130.34	01Jan2006, 12:28	14.83
R_WCT7_2	0.2009	101.01	01Jan2006, 12:19	11.44
R_WCT7_2_1	0.2009	101.01	01Jan2006, 12:20	11.43
R_WCT8A_1	0.1499	80.74	01Jan2006, 12:20	8.12
R_WCT8_1	1.394	392.25	01Jan2006, 13:01	70.77
R_WCT8_2	1.2056	381.13	01Jan2006, 12:43	59.05
R_WCT8_3	1.041	324.17	01Jan2006, 12:34	48.98
R_WCT8_4	0.5591	122.83	01Jan2006, 12:54	21.82
R_WCT8_5	0.3137	80.83	01Jan2006, 12:41	10.84
R_WCT8_6	0.1524	63.05	01Jan2006, 12:23	6.57
R_WCT9_1	0.5992	306.59	01Jan2006, 12:36	36.71
R_WCT9_2	0.522	293.43	01Jan2006, 12:32	31.69
R_WCT9_3	0.3752	238.04	01Jan2006, 12:23	23.17
R_WCT9_4	0.326	214.96	01Jan2006, 12:18	20.32
R_WCT9_5	0.155	114.91	01Jan2006, 12:11	9.49
R_WC_1	45.4366	1685.73	01Jan2006, 23:16	1043.35
R_WC_11	28.2391	1718.23	01Jan2006, 17:02	1166.08
R_WC_12	27.8626	1824.45	01Jan2006, 16:12	1216.59
R_WC_13	26.1525	1769.96	01Jan2006, 16:02	1127
R_WC_14	25.5027	1824.14	01Jan2006, 15:27	1128.88
R_WC_15	25.1434	1808.72	01Jan2006, 15:25	1104.86
R_WC_16	25.0057	1801.71	01Jan2006, 15:23	1090.52
R_WC_17	24.4898	1799.71	01Jan2006, 15:06	1068.85
R_WC_18	23.3569	1994.19	01Jan2006, 14:19	1055.13
R_WC_19	22.5662	2233.33	01Jan2006, 13:40	1051.87
R_WC_2	44.7186	1716.79	01Jan2006, 22:11	1171.54

R_WC_20	20.4469	1928	01Jan2006, 13:12	926.59
R_WC_21	17.14	1195.47	01Jan2006, 12:47	697.22
R_WC_22	15.9359	948.6	01Jan2006, 12:36	625.03
R_WC_23	14.6682	633.7	01Jan2006, 19:23	553.88
R_WC_24	14.269	627.91	01Jan2006, 19:02	545.86
R_WC_25	13.5417	610.27	01Jan2006, 18:54	496.18
R_WC_26	13.2146	605.12	01Jan2006, 18:53	485.93
R_WC_27	12.1198	584.84	01Jan2006, 18:55	441.25
R_WC_29	8.9555	579.08	01Jan2006, 16:04	436.34
R_WC_3	44.2575	1726.96	01Jan2006, 21:34	1239.17
R_WC_30	7.6516	520.89	01Jan2006, 15:55	366.88
R_WC_31	7.3276	510.45	01Jan2006, 15:48	350.47
R_WC_32	6.9932	497.14	01Jan2006, 15:48	323.87
R_WC_34	4.5508	1218.79	01Jan2006, 13:06	319.42
R_WC_35	4.3244	1216.89	01Jan2006, 12:47	305.49
R_WC_36	3.3506	996.87	01Jan2006, 13:23	241.23
R_WC_37	3.133	985.48	01Jan2006, 13:09	229.3
R_WC_38	2.4774	839.5	01Jan2006, 13:09	181.82
R_WC_39	2.3827	903.59	01Jan2006, 12:56	176.25
R_WC_4	43.4338	1734.47	01Jan2006, 20:57	1292.17
R_WC_40	1.9907	851.86	01Jan2006, 12:43	154.97
R_WC_41	0.8865	344.41	01Jan2006, 12:48	57.75
R_WC_5	30.7779	1591.86	01Jan2006, 20:08	1037.24
R_WC_6	30.4782	1599.62	01Jan2006, 19:31	1085.2
R_WC_7	29.7566	1616.22	01Jan2006, 18:49	1099.17
R_WC_8	29.3935	1618.77	01Jan2006, 18:28	1111.86
R_WC_9	28.8018	1614.84	01Jan2006, 18:07	1109.62
R_WildBT1_1	0.5604	384.64	01Jan2006, 12:23	42.31
R_WildBT1_2	0.3855	317.86	01Jan2006, 12:23	33.3
R_WildBT1_3	0.2021	188.25	01Jan2006, 12:24	18.61
R_WildBT1_4	0.1682	184.29	01Jan2006, 12:13	14.77
R_WildBT2_1	0.1578	35.13	01Jan2006, 12:22	4.27
R_WildB_1	1.9683	458.87	01Jan2006, 13:18	131.66
R_WildB_2	1.7985	435.22	01Jan2006, 13:17	111.72
R_WildB_3	1.5056	654.65	01Jan2006, 12:48	91.19
R_WildB_4	1.3893	601.98	01Jan2006, 12:39	80.7
R_WildB_5	0.7574	247.69	01Jan2006, 12:38	34.86
R_WildB_6	0.5209	209.18	01Jan2006, 12:34	27.33
R_WildB_7	0.1817	79.87	01Jan2006, 12:25	9.09
R_WildB_8	0.1569	75.95	01Jan2006, 12:19	7.97
R_WtsnB_1	0.9036	502.32	01Jan2006, 12:43	58.11
R_WtsnB_2	0.1687	75.27	01Jan2006, 12:25	9.18
R_WtsnB_3	0.1534	72.86	01Jan2006, 12:20	8.41
RockyTrib1 Generic Reservoir	0.2582	145.04	01Jan2006, 12:23	24.67
SB_1	0.0481	72.77	01Jan2006, 12:01	4.42
SB_2	0.142	104.41	01Jan2006, 12:06	7.96
SB_3	0.2538	127.49	01Jan2006, 12:18	14.46
SB_4	0.2269	96.16	01Jan2006, 12:28	13.78
SB_5	0.0267	29.17	01Jan2006, 12:03	1.9
SB_6	0.103	69.31	01Jan2006, 12:10	6.21

SB_7	0.247	98.2	01Jan2006, 12:31	14.9
SB_8	0.1701	128.3	01Jan2006, 12:15	13.2
SCM A	0.0168	1.57	01Jan2006, 13:42	1.51
SCM B	0.0239	2.27	01Jan2006, 13:26	2.17
SCM C	0.0121	2.29	01Jan2006, 12:30	1.44
SCM D	0.0113	1.06	01Jan2006, 13:27	1
Sub 2 to SCM B	0.0239	59.03	01Jan2006, 11:56	3.39
Sub 3 to SCM C	0.0121	29.89	01Jan2006, 11:56	1.72
Sub 4 to SCM D	0.0113	27.89	01Jan2006, 11:56	1.6
WCLAKRA_LakeRaleighA_WCT18	0.5326	346.15	01Jan2006, 12:28	44.21
WCT10_1	0.0994	84.35	01Jan2006, 12:15	8.88
WCT10_2	0.2318	114.54	01Jan2006, 12:22	14.27
WCT10_MLK	0.2318	114.54	01Jan2006, 12:22	14.26
WCT11_1	0.107	86.01	01Jan2006, 12:12	8.11
WCT11_2	0.182	80.42	01Jan2006, 12:15	8.59
WCT11_3	0.16	35.34	01Jan2006, 12:18	4.74
WCT11_I40	0.449	179.82	01Jan2006, 12:16	21.41
WCT12A_1	0.0701	87.85	01Jan2006, 12:06	6.52
WCT12A_2	0.0638	54.33	01Jan2006, 12:11	4.94
WCT12A_3	0.1534	91.28	01Jan2006, 12:10	8.27
WCT12B_1	0.0844	70.79	01Jan2006, 12:04	4.89
WCT12_1	0.2062	271.51	01Jan2006, 12:08	23.11
WCT12_2	0.0529	28.12	01Jan2006, 12:13	2.83
WCT12_3	0.0104	11.34	01Jan2006, 12:03	0.75
WCT12_4	0.0882	57.85	01Jan2006, 12:07	4.63
WCT12_5_1	0.1579	60.17	01Jan2006, 12:18	7.19
WCT12_5_2	0.0296	23.61	01Jan2006, 12:00	1.36
WCT12_6	0.1614	84.37	01Jan2006, 12:17	9.45
WCT12_I40	1.1374	293.66	01Jan2006, 12:20	73
WCT12_RR_Xsing	0.2754	78.35	01Jan2006, 12:43	14.96
WCT12_SouthSaundersSt	0.9312	228.91	01Jan2006, 12:33	50.36
WCT13_1	0.1616	99	01Jan2006, 12:20	11.87
WCT13_2	0.0971	72.05	01Jan2006, 12:08	5.77
WCT13_3	0.1502	55.25	01Jan2006, 12:15	6.19
WCT13_4	0.1014	58.74	01Jan2006, 12:08	4.89
WCT13_5	0.1561	61.83	01Jan2006, 12:13	6.36
WCT13_I40	0.6855	102.76	01Jan2006, 12:22	32.55
WCT13_RRXsing	0.6855	102.76	01Jan2006, 12:22	32.55
WCT14_1	0.0875	77.97	01Jan2006, 12:09	6.61
WCT14_2	0.0794	88.15	01Jan2006, 12:05	6.22
WCT14_3	0.1748	83.23	01Jan2006, 12:05	6.39
WCT15_1	0.1265	187.59	01Jan2006, 12:06	14.82
WCT15_2	0.0686	68.36	01Jan2006, 12:06	5.15
WCT15_3	0.1794	100.98	01Jan2006, 12:13	10.13
WCT15_I40	0.2481	139.43	01Jan2006, 12:16	15.25
WCT16_1	0.0111	5.92	01Jan2006, 12:02	0.38
WCT16_2	0.0834	27.32	01Jan2006, 12:02	1.96
WCT16_3	0.0459	8.56	01Jan2006, 12:13	1.07
WCT16_4	0.1646	77.79	01Jan2006, 12:04	5.68
WCT17_1	0.3585	35.01	01Jan2006, 12:35	7.42

WCT17_2	0.088	68.06	01Jan2006, 12:06	5.01
WCT17_3	0.186	80.53	01Jan2006, 12:13	8.2
WCT17_4	0.1796	99.23	01Jan2006, 12:12	9.46
WCT17_5	0.0463	30.43	01Jan2006, 12:05	2.25
WCT17_6	0.0169	13.42	01Jan2006, 12:02	0.84
WCT17_7	0.1909	133.64	01Jan2006, 12:06	9.91
WCT17_I40	0.7076	264.26	01Jan2006, 12:23	35.49
WCT17_LineberryDr	0.2541	144.96	01Jan2006, 12:25	12.92
WCT18_1	0.1417	201.84	01Jan2006, 12:00	11.77
WCT18_2	0.0941	111.34	01Jan2006, 12:07	8.71
WCT18_3	0.0897	87.34	01Jan2006, 12:04	5.83
WCT18_4	0.2071	226.38	01Jan2006, 12:08	18.22
WCT19_1	0.153	83.95	01Jan2006, 12:08	6.97
WCT19_2	0.1616	179.18	01Jan2006, 12:05	12.78
WCT19_Thistledown	0.1616	169.27	01Jan2006, 12:08	12.78
WCT1_1	0.2815	113.29	01Jan2006, 12:20	13.81
WCT1_2	0.0371	33.33	01Jan2006, 12:05	2.42
WCT1_3	0.0866	34.04	01Jan2006, 12:14	3.61
WCT1_4	0.1611	62.73	01Jan2006, 12:14	6.68
WCT20_1	0.0052	2.91	01Jan2006, 12:03	0.19
WCT20_2	0.0576	60.69	01Jan2006, 12:07	4.79
WCT20_3	0.169	229.73	01Jan2006, 12:06	17.29
WCT21_1	0.0178	2.05	01Jan2006, 12:07	0.26
WCT21_2	0.0524	50.62	01Jan2006, 12:04	3.42
WCT21_3	0.1657	144.14	01Jan2006, 12:07	11.19
WCT21_I40	0.1657	101.42	01Jan2006, 12:15	11.18
WCT22_1	0.0664	53.93	01Jan2006, 12:10	4.73
WCT22_2	0.1772	120.26	01Jan2006, 12:18	13.73
WCT22_3	0.1443	189.84	01Jan2006, 12:11	19.03
WCT22_4	0.2027	293.05	01Jan2006, 12:07	23.73
WCT22_I40_US	0.347	323.2	01Jan2006, 12:21	42.64
WCT22_I440_DS	0.5905	433.13	01Jan2006, 12:42	60.84
WCT23_1	0.003	4.98	01Jan2006, 12:01	0.3
WCT23_2	0.0392	46.44	01Jan2006, 12:05	3.28
WCT23_3	0.1653	116.23	01Jan2006, 12:09	9.86
WCT24_1	0.0164	18.36	01Jan2006, 12:04	1.24
WCT24_2	0.1228	61.97	01Jan2006, 12:13	6.14
WCT24_3	0.2513	128.84	01Jan2006, 12:17	14.39
WCT24_4	0.1057	75.55	01Jan2006, 12:05	5.37
WCT24_5	0.1858	139.66	01Jan2006, 12:09	12.04
WCT25_1	0.0057	6.51	01Jan2006, 12:04	0.44
WCT25_2	0.1569	104.05	01Jan2006, 12:09	9.02
WCT26_1	0.0147	18.69	01Jan2006, 12:07	1.5
WCT26_2	0.1115	110.38	01Jan2006, 12:10	9.89
WCT26_3	0.1835	73.27	01Jan2006, 12:14	7.7
WCT26_I40	0.2949	90.03	01Jan2006, 12:37	16.51
WCT26_WesternBlvd	0.1835	68.63	01Jan2006, 12:18	7.68
WCT2_1	0.145	31.6	01Jan2006, 12:20	4.35
WCT2_2	0.1566	29.38	01Jan2006, 12:15	3.86
WCT3_1	0.1274	40.66	01Jan2006, 12:15	4.66

WCT3_2	0.1582	24.66	01Jan2006, 12:26	4.12
WCT4_1	0.0808	10.5	01Jan2006, 12:18	1.65
WCT4_2	0.1483	40.65	01Jan2006, 12:12	4.37
WCT5A_1	0.1308	101.98	01Jan2006, 12:09	8.69
WCT5_1	0.1833	162.28	01Jan2006, 12:09	13.59
WCT5_2	0.1508	103.56	01Jan2006, 12:09	8.9
WCT6_1	0.2012	97.45	01Jan2006, 12:14	10.01
WCT6_2	0.152	83.04	01Jan2006, 12:10	7.54
WCT7_1	0.101	56.98	01Jan2006, 12:09	4.98
WCT7_2	0.0666	37.73	01Jan2006, 12:10	3.45
WCT7_3	0.2009	102.43	01Jan2006, 12:17	11.45
WCT8A_1	0.1221	70.72	01Jan2006, 12:18	8.09
WCT8A_2	0.1499	80.74	01Jan2006, 12:13	8.15
WCT8_1	0.1826	218.42	01Jan2006, 12:15	24.47
WCT8_2	0.1885	137.87	01Jan2006, 12:10	12.21
WCT8_3	0.1646	98.94	01Jan2006, 12:15	10.32
WCT8_4	0.2099	82.85	01Jan2006, 12:24	11.11
WCT8_5	0.2454	109.69	01Jan2006, 12:13	11.14
WCT8_6	0.1614	28.41	01Jan2006, 12:24	4.46
WCT8_7	0.1524	63.05	01Jan2006, 12:14	6.59
WCT8_I40	1.394	392.25	01Jan2006, 12:48	71.12
WCT9_1	0.0231	16.68	01Jan2006, 12:02	1.06
WCT9_2	0.0772	75.55	01Jan2006, 12:04	5.07
WCT9_3	0.1468	102.15	01Jan2006, 12:09	8.67
WCT9_4	0.0492	35.9	01Jan2006, 12:08	2.89
WCT9_5	0.171	103.98	01Jan2006, 12:15	10.88
WCT9_6	0.155	115	01Jan2006, 12:08	9.5
WCT9_MLK	0.522	293.43	01Jan2006, 12:22	31.8
WCT9_PooleRd	0.155	114.91	01Jan2006, 12:09	9.49
WC_1	0.6191	223.28	01Jan2006, 12:26	31.33
WC_10	0.3731	133.83	01Jan2006, 12:26	18.77
WC_11	0.5628	383.06	01Jan2006, 12:14	38.3
WC_12	0.008	6.64	01Jan2006, 12:03	0.43
WC_13	0.1335	91.35	01Jan2006, 12:10	8.05
WC_14	0.0276	21.11	01Jan2006, 12:04	1.48
WC_15	0.0282	49.45	01Jan2006, 12:03	3.51
WC_16	0.1376	174.07	01Jan2006, 12:12	17.32
WC_17	0.115	144.08	01Jan2006, 12:11	13.98
WC_18	0.1116	57.01	01Jan2006, 12:14	5.81
WC_19	0.3417	259.68	01Jan2006, 12:13	25.41
WC_2	0.1517	52.22	01Jan2006, 12:18	6.35
WC_20	0.0332	56.72	01Jan2006, 12:01	3.45
WC_21	0.076	40.33	01Jan2006, 12:17	4.52
WC_22	0.0499	76.67	01Jan2006, 12:03	5.15
WC_23	0.5254	330.16	01Jan2006, 12:21	40.5
WC_24	0.0575	73.83	01Jan2006, 12:07	5.8
WC_25	0.3527	350.47	01Jan2006, 12:08	28.12
WC_26	0.0221	40.9	01Jan2006, 12:02	2.74
WC_27	0.0287	49.44	01Jan2006, 12:04	3.68
WC_28	0.4701	538.17	01Jan2006, 12:10	47.81

WC_29	0.2428	118.06	01Jan2006, 12:18	13.47
WC_3	0.1596	75.3	01Jan2006, 12:15	8.02
WC_30	0.0864	66.64	01Jan2006, 12:05	4.82
WC_31	0.0093	6.26	01Jan2006, 12:05	0.45
WC_32	0.1026	57.37	01Jan2006, 12:09	4.97
WC_33	1.5394	672.22	01Jan2006, 12:20	81.17
WC_34	0.0766	104.45	01Jan2006, 12:03	6.94
WC_35	0.019	27.89	01Jan2006, 12:04	1.94
WC_36	0.2917	242.4	01Jan2006, 12:15	25.58
WC_37	0.055	42.81	01Jan2006, 12:04	2.92
WC_38	0.6557	324.64	01Jan2006, 12:30	47.51
WC_39	0.0947	80.24	01Jan2006, 12:06	5.87
WC_4	0.5381	155.76	01Jan2006, 12:16	18.55
WC_40	0.0823	43.16	01Jan2006, 12:12	4.19
WC_41	0.5422	531.78	01Jan2006, 12:17	61.13
WC_42	0.5619	252.82	01Jan2006, 12:30	37.04
WC_43	0.8865	347.9	01Jan2006, 12:38	57.96
WC_5	0.5983	85.55	01Jan2006, 12:36	16.45
WC_6	0.0706	35.73	01Jan2006, 12:10	3.23
WC_7	0.2568	190.07	01Jan2006, 12:13	18.54
WC_8	0.0099	5.38	01Jan2006, 12:06	0.41
WC_9	0.2186	90.04	01Jan2006, 12:25	12.21
Watson Generic Reservoir	0.1687	75.27	01Jan2006, 12:20	9.2
White Oak Lake	0.5201	115.78	01Jan2006, 12:57	30.55
WildBT1_1	0.0362	36.04	01Jan2006, 12:06	2.67
WildBT1_2	0.1749	101.85	01Jan2006, 12:10	9.06
WildBT1_3	0.1834	152.24	01Jan2006, 12:13	14.74
WildBT1_4	0.0339	60.26	01Jan2006, 12:01	3.89
WildBT1_5	0.1682	184.29	01Jan2006, 12:08	14.79
WildBT2_1	0.0239	12.54	01Jan2006, 12:11	1.16
WildBT2_2	0.1578	35.55	01Jan2006, 12:14	4.29
WildBTrb1_Tryon_And_Chapanoke	0.2021	188.25	01Jan2006, 12:16	18.65
WildB_1	0.1177	150.1	01Jan2006, 12:07	12.13
WildB_2	0.1698	199.2	01Jan2006, 12:12	20.03
WildB_3	0.2929	166.55	01Jan2006, 12:22	20.87
WildB_4	0.1163	99.57	01Jan2006, 12:16	10.87
WildB_5	0.0353	12.61	01Jan2006, 12:08	1.14
WildB_6	0.0548	22.51	01Jan2006, 12:11	2.18
WildB_7	0.3393	129.63	01Jan2006, 12:27	18.33
WildB_8	0.0248	19.55	01Jan2006, 12:01	1.15
WildB_9	0.1569	75.95	01Jan2006, 12:14	7.98

GLOBAL SUMMARY
Post Detained 2-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0557	2513.62	01Jan2006, 23:15	1683.57
72_CarolinaPines_WCT13	0.5049	98.84	01Jan2006, 12:59	32.76
AreaA	0.0567	44.83	01Jan2006, 12:14	4.51
AreaB1	0.019	4.41	01Jan2006, 12:07	0.46
AreaB2	0.059	25.75	01Jan2006, 12:10	2.51
AreaC1	0.0168	33.97	01Jan2006, 12:06	3.01
Avent Ferry Dr	1.1695	424.11	01Jan2006, 12:20	101.7
BBT1_1	0.5004	181.61	01Jan2006, 12:44	33.84
BBT1_2	0.272	174.44	01Jan2006, 12:15	18.36
BBT1_3	3.9284	845.11	01Jan2006, 13:07	209.77
BBT2_1	0.2378	87.71	01Jan2006, 12:39	15.35
BBT2_2	0.1003	47.85	01Jan2006, 12:20	5.87
BBT2_3	0.0099	10.75	01Jan2006, 12:01	0.63
BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
BBT3A_1	0.0277	4.84	01Jan2006, 12:21	0.78
BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
BBT3_1	0.2625	103.23	01Jan2006, 12:31	15.93
BBT3_2	0.2544	112.34	01Jan2006, 12:30	16.72
BBT3_3	0.1488	44.92	01Jan2006, 12:23	6.41
BBT3_4	0.1146	60.19	01Jan2006, 12:12	5.95
BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
BBT4A_1	0.0355	15.31	01Jan2006, 12:10	1.5
BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
BBT4_1	0.2036	68.8	01Jan2006, 12:19	8.94
BBT4_2	0.3116	68.84	01Jan2006, 12:33	12.15
BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
BBT5_1	0.1414	50.2	01Jan2006, 12:09	5.03
BBT5_2	0.1343	24.55	01Jan2006, 12:27	4.22
BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
BB_1	0.3673	107.99	01Jan2006, 12:45	20.8
BB_2	0.4078	146.8	01Jan2006, 12:35	24.43
BB_3	0.1114	106.63	01Jan2006, 12:12	10.08
BB_4	0.2583	95.06	01Jan2006, 12:17	11.5
BB_5	0.2954	94.18	01Jan2006, 12:20	12.58
BB_6	0.006	3.86	01Jan2006, 12:05	0.29
BB_7	1.233	259.13	01Jan2006, 12:48	54.73
BigBranchTrib1_I40Xsing	3.9284	664.66	01Jan2006, 13:38	204.12
BigBranchTrib3_I40Xsing	0.9359	431.77	01Jan2006, 12:43	54.72
BigBrnch_AuburnChurchRd_US	1.233	258.96	01Jan2006, 12:49	54.58
BushBT1_1	0.0988	85.66	01Jan2006, 12:09	7.32
BushBT1_2	0.1312	207.09	01Jan2006, 12:04	14.43
BushBT1_3	0.1465	199.03	01Jan2006, 12:13	19.8
BushB_2	0.1747	143.46	01Jan2006, 12:13	14.03
BushB_3	0.177	170.59	01Jan2006, 12:11	15.42
BushB_4	0.1027	118.48	01Jan2006, 12:07	9.27
Bushy Branch Generic Reservoir	0.972	1049.92	01Jan2006, 12:24	103.99
Bypass	0.0377	47.92	01Jan2006, 12:09	4.04
CBT1_1	0.0096	8.85	01Jan2006, 12:00	0.5

CBT1_2	0.0184	28.14	01Jan2006, 12:00	1.57
CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
CB_1	0.0436	65.05	01Jan2006, 12:03	4.26
CB_2	0.0701	99.31	01Jan2006, 12:01	5.82
CB_3	0.1607	139.95	01Jan2006, 12:14	14.28
CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
Cary Towne Blvd	1.4288	938.65	01Jan2006, 12:25	164.69
DortheaDixFarmPnd_WCT16	0.2939	151.97	01Jan2006, 12:18	14.52
GB_1	0.2347	244.52	01Jan2006, 12:13	24.04
GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
GatlingBranch_I40Xsing	0.401	349.56	01Jan2006, 12:21	37.4
I-440 Beltline	0.5468	195.14	01Jan2006, 12:56	48.3
J_BBT1_1	5.8992	1053.95	01Jan2006, 13:23	322.48
J_BBT1_1_BB_2	11.6903	2167.96	01Jan2006, 13:23	608.47
J_BBT1_2	4.2004	684.22	01Jan2006, 13:50	221.38
J_BBT1_3	3.9284	664.66	01Jan2006, 13:38	204.12
J_BBT2_1	0.508	247.19	01Jan2006, 12:35	32.06
J_BBT2_1_BB_3	5.3834	1060.32	01Jan2006, 13:06	263.98
J_BBT2_2	0.2702	165.33	01Jan2006, 12:18	16.82
J_BBT2_3	0.1698	117.68	01Jan2006, 12:12	10.97
J_BBT2_4	0.16	120.84	01Jan2006, 12:09	10.36
J_BBT3A_1	0.2329	98.16	01Jan2006, 12:22	11.49
J_BBT3A_1_BBT3_3	0.6816	348.69	01Jan2006, 12:26	38.21
J_BBT3A_2	0.2052	93.33	01Jan2006, 12:16	10.74
J_BBT3_1	1.1985	506.43	01Jan2006, 12:51	70.45
J_BBT3_1_BBT1_2	5.3988	949.46	01Jan2006, 12:58	291.83
J_BBT3_2	0.9359	431.77	01Jan2006, 12:43	54.72
J_BBT3_3	0.4486	254.57	01Jan2006, 12:27	26.73
J_BBT3_4	0.2998	210.64	01Jan2006, 12:17	20.39
J_BBT3_5	0.1852	158.65	01Jan2006, 12:11	14.48
J_BBT4A_1	0.239	129.87	01Jan2006, 12:12	11.77
J_BBT4A_1_BBT4_2	0.7267	188.13	01Jan2006, 12:28	29.74
J_BBT4A_2	0.2035	114.78	01Jan2006, 12:09	10.28
J_BBT4_1	0.9302	231.33	01Jan2006, 12:28	38.49
J_BBT4_2	0.4876	129.27	01Jan2006, 12:31	17.96
J_BBT4_3	0.176	60.94	01Jan2006, 12:08	5.88
J_BBT5_1	0.8798	197.21	01Jan2006, 12:54	41.84
J_BBT5_1_BB_7	2.1128	454.67	01Jan2006, 12:51	96.42
J_BBT5_2	0.7384	187	01Jan2006, 12:47	36.94
J_BBT5_3	0.6041	170.52	01Jan2006, 12:44	32.78
J_BB_1	12.0576	2217.7	01Jan2006, 13:38	625.23
J_BB_1_WC_5	43.4338	2935.99	01Jan2006, 13:38	2206.43
J_BB_2	5.7911	1120.18	01Jan2006, 13:11	285.98
J_BB_3	4.8754	953.32	01Jan2006, 13:09	231.92
J_BB_4	3.6026	633.68	01Jan2006, 13:14	157.45
J_BB_5	2.4141	483.4	01Jan2006, 13:07	108.54
J_BB_5_BBT4_1	3.3443	612.88	01Jan2006, 12:59	147.03
J_BB_6	2.1187	455.16	01Jan2006, 12:54	96.58
J_BB_7	1.233	258.96	01Jan2006, 12:49	54.58
J_BushBT1_1	0.3765	389.37	01Jan2006, 12:22	41.4

J_BushBT1_1_BushB_2	1.7003	1340.15	01Jan2006, 12:42	174.12
J_BushBT1_2	0.2777	340.41	01Jan2006, 12:08	34.21
J_BushBT1_3	0.1465	199.03	01Jan2006, 12:13	19.8
J_BushBT2_1	0.1979	174.04	01Jan2006, 12:08	15.24
J_BushBT2_2	0.1777	149.4	01Jan2006, 12:10	13.11
J_BushBT2_T4_T5	0.8692	1191.23	01Jan2006, 12:13	95.1
J_BushBT3_1	0.2231	386.01	01Jan2006, 12:07	26.12
J_BushBT3_1_BushBT4_2	0.4202	690.23	01Jan2006, 12:05	48.06
J_BushBT3_2	0.1883	357.13	01Jan2006, 12:03	23.99
J_BushBT4_1	0.4765	750.04	01Jan2006, 12:14	57.12
J_BushBT4_2	0.1972	317.44	01Jan2006, 12:04	21.93
J_BushBT4_3	0.1642	296.12	01Jan2006, 12:03	20.22
J_BushBT5_1	0.1949	286.11	01Jan2006, 12:12	22.74
J_BushBT5_2	0.1609	233.51	01Jan2006, 12:06	17.97
J_BushB_1	1.9187	1408.4	01Jan2006, 12:50	197.83
J_BushB_2	1.3238	1136.46	01Jan2006, 12:45	132.72
J_BushB_3	1.149	1094.18	01Jan2006, 12:33	119.14
J_BushB_4	0.972	1032.06	01Jan2006, 12:28	103.89
J_CBT1_1	0.1972	250.7	01Jan2006, 12:14	21.3
J_CBT1_1_CB_3	0.5256	560.45	01Jan2006, 12:14	51.26
J_CBT1_2	0.1876	248.87	01Jan2006, 12:10	20.83
J_CBT1_3	0.1693	240.27	01Jan2006, 12:07	19.27
J_CB_1	0.6393	591.38	01Jan2006, 12:27	61.12
J_CB_2	0.5958	578.73	01Jan2006, 12:21	56.96
J_CB_3	0.3284	310.62	01Jan2006, 12:15	29.95
J_CB_4	0.1677	170.77	01Jan2006, 12:11	15.7
J_CryTwnBlvdRes_WC_42	1.9907	1308.38	01Jan2006, 12:27	218.48
J_GB_1	0.401	349.56	01Jan2006, 12:21	37.4
J_GB_2	0.1663	154.99	01Jan2006, 12:10	13.44
J_PBT1_1	0.1747	27.46	01Jan2006, 12:23	4.56
J_PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
J_PB_1	1.1613	359.09	01Jan2006, 12:50	65.09
J_PB_1_BB_4	4.7639	937.8	01Jan2006, 13:02	222.54
J_PB_2	0.9862	319.8	01Jan2006, 12:43	54.48
J_PB_3	0.6575	270.67	01Jan2006, 12:38	43.32
J_PB_3_PBT1_1	0.8323	291.43	01Jan2006, 12:36	47.87
J_PB_4	0.2727	104.66	01Jan2006, 12:23	14.78
J_RBT1_1	0.2582	477.29	01Jan2006, 12:11	33.85
J_RBT1_1_RB_7	2.3635	1166.35	01Jan2006, 12:33	235.27
J_RBT1_2	0.2113	441.95	01Jan2006, 12:03	28.79
J_RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
J_RB_1	3.146	1220.67	01Jan2006, 13:05	326.59
J_RB_10	1.4554	863	01Jan2006, 12:43	147.36
J_RB_11	1.1918	813.42	01Jan2006, 12:34	121.41
J_RB_12	0.9269	717.42	01Jan2006, 12:28	92.54
J_RB_13	0.6298	460.94	01Jan2006, 12:24	57.91
J_RB_14	0.5006	416.67	01Jan2006, 12:17	48.62
J_RB_15	0.3472	295.29	01Jan2006, 12:07	34.2
J_RB_16	0.2576	181.53	01Jan2006, 12:07	25.42
J_RB_17	0.1645	192.68	01Jan2006, 12:06	14.17

J_RB_1_WC_21	20.4469	2936.45	01Jan2006, 13:00	1450.05
J_RB_2	3.0953	1212.61	01Jan2006, 13:02	319
J_RB_3	2.9041	1303.08	01Jan2006, 12:47	302.55
J_RB_4	2.7305	1261.18	01Jan2006, 12:43	280.47
J_RB_5	2.5176	1176.79	01Jan2006, 12:43	251.01
J_RB_6	2.4713	1171.86	01Jan2006, 12:37	248.93
J_RB_7	2.1053	987.89	01Jan2006, 12:34	201.76
J_RB_8	1.9409	953.81	01Jan2006, 12:21	191.5
J_RB_9	1.7677	905.18	01Jan2006, 12:54	167.34
J_SB_1	1.2176	440.78	01Jan2006, 12:22	107.56
J_SB_1_WC_30	8.9555	1136.03	01Jan2006, 12:22	671.49
J_SB_2	1.1695	424.12	01Jan2006, 12:20	101.7
J_SB_3	1.0274	364.62	01Jan2006, 12:22	89.91
J_SB_4	0.7737	285.69	01Jan2006, 12:44	68.48
J_SB_5	0.5468	197.02	01Jan2006, 12:51	48.35
J_SB_6	0.5201	385.38	01Jan2006, 12:20	49.71
J_SB_7	0.417	317.42	01Jan2006, 12:23	40.54
J_SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
J_WC37_WCT25_1	3.3506	1346.2	01Jan2006, 13:13	343.42
J_WCT10_1	0.3311	258.09	01Jan2006, 12:25	33.14
J_WCT10_2	0.2318	172.08	01Jan2006, 12:21	20.98
J_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
J_WCT11_1_WC_19	23.3569	3507.21	01Jan2006, 13:24	1680.47
J_WCT11_2	0.342	173.4	01Jan2006, 12:20	21.23
J_WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
J_WCT12A_1	0.2874	262.29	01Jan2006, 12:20	28.28
J_WCT12A_1_WCT12_4	0.8089	328.24	01Jan2006, 12:20	67.88
J_WCT12A_2	0.2173	217.43	01Jan2006, 12:12	19.42
J_WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
J_WCT12B_1	0.0844	96.58	01Jan2006, 12:08	7.22
J_WCT12_1	1.1374	372.98	01Jan2006, 12:38	105.42
J_WCT12_1_WC_22	17.14	1734.53	01Jan2006, 12:42	1116.37
J_WCT12_2	0.9312	304.99	01Jan2006, 12:41	75.46
J_WCT12_3	0.8193	332.09	01Jan2006, 12:23	68.88
J_WCT12_4	0.5215	151.32	01Jan2006, 13:06	39.6
J_WCT12_5_1_WCT12B_1	0.2754	118.62	01Jan2006, 12:43	22.54
J_WCT12_5_2	0.4333	141.73	01Jan2006, 12:59	32.7
J_WCT12_6	0.191	106.14	01Jan2006, 12:28	15.88
J_WCT13_1	0.6855	150.82	01Jan2006, 12:23	49.87
J_WCT13_1_WC_23	15.9359	1446.62	01Jan2006, 12:29	1008.34
J_WCT13_2	0.5049	98.84	01Jan2006, 12:59	32.76
J_WCT13_3	0.4078	270.92	01Jan2006, 12:20	27.34
J_WCT13_4	0.2575	185.37	01Jan2006, 12:11	17.6
J_WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
J_WCT14_1	0.3417	314.26	01Jan2006, 12:17	28.41
J_WCT14_1_WC_24	14.6682	1222.79	01Jan2006, 12:18	918.22
J_WCT14_2	0.2542	231.43	01Jan2006, 12:09	19.09
J_WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
J_WCT15_1	0.3746	338.58	01Jan2006, 12:08	41.79
J_WCT15_1_WC_25	14.269	1081.34	01Jan2006, 17:29	892.37

J_WCT15_2	0.2481	207.66	01Jan2006, 12:17	22.42
J_WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
J_WCT16_1	0.305	154.11	01Jan2006, 12:21	15.13
J_WCT16_1_WC_26	13.5417	1067.33	01Jan2006, 16:46	812.81
J_WCT16_2	0.2939	151.97	01Jan2006, 12:18	14.52
J_WCT16_3	0.2106	154.47	01Jan2006, 12:10	11.19
J_WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
J_WCT17_1	1.0661	463.04	01Jan2006, 12:47	67.25
J_WCT17_1_WC_27	13.2146	1060.79	01Jan2006, 16:27	796.06
J_WCT17_2	0.7076	402.03	01Jan2006, 12:26	54.14
J_WCT17_3	0.6196	389.7	01Jan2006, 12:18	46.72
J_WCT17_4	0.4336	291.35	01Jan2006, 12:27	33.96
J_WCT17_5	0.2541	210.2	01Jan2006, 12:27	19.68
J_WCT17_6	0.2078	213.72	01Jan2006, 12:16	16.26
J_WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
J_WCT18_1	0.5326	487.37	01Jan2006, 12:27	61.61
J_WCT18_2	0.3909	534.93	01Jan2006, 12:14	45.49
J_WCT18_3	0.2968	423.47	01Jan2006, 12:07	33.65
J_WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
J_WCT19_1	0.3147	303.73	01Jan2006, 12:13	28.77
J_WCT19_2	0.1616	213.74	01Jan2006, 12:10	17.99
J_WCT1_1	0.5662	327.37	01Jan2006, 12:28	40.83
J_WCT1_1_WC_2	45.4366	2553.08	01Jan2006, 22:10	1874.98
J_WCT1_2	0.2847	176.88	01Jan2006, 12:22	19.74
J_WCT1_3	0.2476	160.45	01Jan2006, 12:16	16.26
J_WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
J_WCT20_1	0.2318	374.78	01Jan2006, 12:15	30.18
J_WCT20_1_WC_32	7.3276	827.16	01Jan2006, 14:51	532.95
J_WCT20_2	0.2266	373.16	01Jan2006, 12:13	29.88
J_WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
J_WCT21_1	0.2359	175.57	01Jan2006, 12:08	21.65
J_WCT21_2	0.2181	170.07	01Jan2006, 12:05	21.15
J_WCT21_3	0.1657	112.25	01Jan2006, 12:19	16.19
J_WCT22_1	0.5905	503.39	01Jan2006, 12:45	81.24
J_WCT22_1_WC_34	5.2179	2093.65	01Jan2006, 12:49	546.81
J_WCT22_2	0.5242	511.43	01Jan2006, 12:25	74.67
J_WCT22_3	0.347	365.42	01Jan2006, 12:23	55.39
J_WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
J_WCT23_1	0.2075	208.52	01Jan2006, 12:18	19.52
J_WCT23_2	0.2045	207.14	01Jan2006, 12:15	19.13
J_WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
J_WCT24_1	0.682	449.86	01Jan2006, 12:40	57.89
J_WCT24_1_WC_36	4.3244	1594.34	01Jan2006, 12:38	436.06
J_WCT24_2	0.6657	446.62	01Jan2006, 12:37	56.18
J_WCT24_3	0.5429	409.72	01Jan2006, 12:23	47.03
J_WCT24_4	0.2916	256.5	01Jan2006, 12:16	25.7
J_WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
J_WCT25_1	0.1626	164.83	01Jan2006, 12:11	14.05
J_WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
J_WCT26_1	0.3096	150.67	01Jan2006, 12:40	26.5

J_WCT26_1_WC_40	2.3827	1393.6	01Jan2006, 12:41	250.1
J_WCT26_2	0.2949	146.13	01Jan2006, 12:36	24.52
J_WCT26_3	0.1835	105.45	01Jan2006, 12:20	12.13
J_WCT2_1	0.3015	120.69	01Jan2006, 12:20	14.09
J_WCT2_1_WC_3	44.7186	2559.33	01Jan2006, 21:33	1949.2
J_WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
J_WCT3_1	0.2856	102.53	01Jan2006, 12:21	14.67
J_WCT3_1_WC_4	44.2575	2574.18	01Jan2006, 20:55	2043.41
J_WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
J_WCT4_1	0.2291	100.22	01Jan2006, 12:21	10.38
J_WCT4_1_WC_6	30.7779	2356.72	01Jan2006, 19:28	1641.52
J_WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
J_WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
J_WCT5_1_1	0.4649	319.18	01Jan2006, 12:31	44.96
J_WCT5_1_1_WC_7	30.4782	2399.53	01Jan2006, 18:41	1725.01
J_WCT5_1_2_WCT5A_1	0.2816	247.84	01Jan2006, 12:20	25.74
J_WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
J_WCT6_1	0.3532	284.39	01Jan2006, 12:15	26.81
J_WCT6_1_WC_8	29.7566	2400.85	01Jan2006, 18:14	1701.54
J_WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
J_WCT7_1	0.3685	241.56	01Jan2006, 12:24	29.84
J_WCT7_1_WC_12	28.2391	2681.76	01Jan2006, 16:09	1875.27
J_WCT7_2	0.2674	200.98	01Jan2006, 12:17	22.29
J_WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
J_WCT8A_1	0.272	228.73	01Jan2006, 12:19	23.96
J_WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
J_WCT8_1	1.5766	670.21	01Jan2006, 12:59	138.54
J_WCT8_1_WC_13	27.8626	2674.02	01Jan2006, 15:59	1865.59
J_WCT8_2	1.394	614.5	01Jan2006, 12:48	107.74
J_WCT8_3	1.2056	595.39	01Jan2006, 12:32	90.45
J_WCT8_4	0.769	313.54	01Jan2006, 12:30	51.58
J_WCT8_4_WCT8A_1	1.041	511.81	01Jan2006, 12:25	75.54
J_WCT8_5	0.5591	216.85	01Jan2006, 12:35	35.03
J_WCT8_6	0.3137	147.13	01Jan2006, 12:28	17.78
J_WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
J_WCT9_1	0.6223	455	01Jan2006, 12:37	55.65
J_WCT9_1_WC_14	26.1525	2648.65	01Jan2006, 15:30	1777.45
J_WCT9_2	0.5992	451.79	01Jan2006, 12:33	54.08
J_WCT9_3	0.522	434.09	01Jan2006, 12:23	46.86
J_WCT9_4	0.3752	355.18	01Jan2006, 12:18	34.11
J_WCT9_5	0.326	321.91	01Jan2006, 12:13	29.88
J_WCT9_6	0.155	170.5	01Jan2006, 12:09	13.98
J_WC_10_WC_9	29.3935	2396.85	01Jan2006, 18:03	1719.14
J_WC_11	28.8018	2548.92	01Jan2006, 16:59	1820.75
J_WC_12	27.8706	2665.83	01Jan2006, 16:10	1845.43
J_WC_13	26.286	2593.39	01Jan2006, 16:01	1727.06
J_WC_14	25.5302	2614.7	01Jan2006, 15:31	1721.8
J_WC_15	25.1716	2594.97	01Jan2006, 15:28	1690.27
J_WC_15_WCT10_1	25.5027	2614.21	01Jan2006, 15:28	1723.4
J_WC_16	25.1434	2593.88	01Jan2006, 15:25	1690.14

J_WC_17	24.6048	2662.37	01Jan2006, 14:53	1656.91
J_WC_17_GB_1	25.0057	2686.8	01Jan2006, 14:53	1694.31
J_WC_18	23.4685	3000.38	01Jan2006, 14:06	1628.1
J_WC_19	22.9079	3446.63	01Jan2006, 13:26	1647.93
J_WC_2	44.8703	2541.71	01Jan2006, 22:11	1834.14
J_WC_20	20.4802	2820.47	01Jan2006, 13:20	1436.5
J_WC_21	17.301	1730.68	01Jan2006, 12:54	1123.46
J_WC_22	16.0026	1362.19	01Jan2006, 12:42	1010.95
J_WC_23	15.2503	1300.28	01Jan2006, 12:30	958.47
J_WC_24	14.3265	1082.59	01Jan2006, 17:42	889.81
J_WC_25	13.8944	1066.5	01Jan2006, 17:31	850.58
J_WC_26	13.2367	1058.75	01Jan2006, 16:47	797.67
J_WC_27	12.1485	1022.47	01Jan2006, 16:36	728.81
J_WC_28_WCT18_1	12.1198	2796.48	01Jan2006, 12:30	1004.96
J_WC_29	9.1984	959.8	01Jan2006, 12:34	681.19
J_WC_29_BushB_1	11.1171	2292.18	01Jan2006, 12:48	879.03
J_WC_3	44.4171	2554.51	01Jan2006, 21:33	1935.11
J_WC_30	7.738	848.1	01Jan2006, 15:02	563.94
J_WC_31	7.3369	827.39	01Jan2006, 14:54	532.87
J_WC_31_WCT19_1	7.6516	845.57	01Jan2006, 14:53	561.64
J_WC_32	7.0958	810.67	01Jan2006, 14:52	502.77
J_WC_33_WCT21_1	6.9932	2850.96	01Jan2006, 12:31	691.2
J_WC_34	4.6274	1592.94	01Jan2006, 12:50	465.58
J_WC_35	4.3433	1594.3	01Jan2006, 12:40	438.4
J_WC_35_WCT23_1	4.5508	1672.13	01Jan2006, 12:39	457.92
J_WC_36	3.6423	1343.28	01Jan2006, 13:39	378.17
J_WC_37	3.188	1327.67	01Jan2006, 13:14	329.37
J_WC_38	3.133	1345.45	01Jan2006, 13:05	325
J_WC_39	2.4774	1341.98	01Jan2006, 12:54	257.55
J_WC_4	43.9719	2569.24	01Jan2006, 20:55	2028.74
J_WC_40	2.073	1243.11	01Jan2006, 12:41	223.6
J_WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
J_WC_5	31.3762	2351.1	01Jan2006, 20:05	1581.2
J_WC_6	30.5488	2352.33	01Jan2006, 19:29	1631.13
J_WC_7	30.0134	2384.15	01Jan2006, 18:41	1680.04
J_WC_8	29.4034	2390.12	01Jan2006, 18:14	1674.73
J_WildBT1_1	0.5965	541.73	01Jan2006, 12:21	63.57
J_WildBT1_1_WildB_5	1.3893	857.58	01Jan2006, 12:26	119.3
J_WildBT1_2	0.5604	521.2	01Jan2006, 12:18	59.83
J_WildBT1_3	0.3855	404.28	01Jan2006, 12:15	46.14
J_WildBT1_4	0.2021	210.4	01Jan2006, 12:20	25.51
J_WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
J_WildBT2_1	0.1817	81.37	01Jan2006, 12:20	9.13
J_WildBT2_1_WildB_6	0.7574	402.44	01Jan2006, 12:31	53.95
J_WildBT2_2	0.1578	67.98	01Jan2006, 12:16	7.38
J_WildB_1	2.086	595.63	01Jan2006, 13:24	205.11
J_WildB_1_WC_20	22.5662	3415.62	01Jan2006, 13:20	1641.61
J_WildB_2	1.9683	580.7	01Jan2006, 13:23	188.94
J_WildB_3	1.7985	554.01	01Jan2006, 13:19	162.97
J_WildB_4	1.5056	939.94	01Jan2006, 12:33	133.76

J_WildB_5	0.7927	407.99	01Jan2006, 12:37	55.74
J_WildB_6	0.5757	341.72	01Jan2006, 12:33	44.82
J_WildB_7	0.5209	327.18	01Jan2006, 12:25	41.46
J_WildB_8	0.1817	125.81	01Jan2006, 12:19	13.9
J_WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15
J_WtsnB_1	1.0213	769.69	01Jan2006, 12:42	97.13
J_WtsnB_1_WC_18	24.4898	3095.57	01Jan2006, 14:05	1725.23
J_WtsnB_2	0.2643	208.69	01Jan2006, 12:04	23.92
J_WtsnB_2_CB_1	0.9036	734.94	01Jan2006, 12:27	85.04
J_WtsnB_3	0.1687	116.4	01Jan2006, 12:19	13.83
J_WtsnB_4	0.1534	112.72	01Jan2006, 12:18	12.63
Lake Raleigh	12.1198	1022.02	01Jan2006, 16:25	774.39
Lake_Johnson	6.9932	805.8	01Jan2006, 14:47	512.83
PBT1_1	0.0066	2.31	01Jan2006, 12:07	0.21
PBT1_2	0.1682	26.49	01Jan2006, 12:21	4.35
PB_1	0.1751	85.58	01Jan2006, 12:21	10.83
PB_2	0.154	50.34	01Jan2006, 12:21	6.76
PB_3	0.3848	205.93	01Jan2006, 12:27	28.69
PB_4_1	0.1089	49.32	01Jan2006, 12:18	5.92
PB_4_2	0.1638	59.78	01Jan2006, 12:28	8.86
Pineview Dr	0.7737	276.28	01Jan2006, 12:54	68.48
PoplarBranch_I40	0.1638	59.76	01Jan2006, 12:28	8.86
Priv_1001_UnderwoodPond_WCT8	0.3137	147.13	01Jan2006, 12:28	17.78
Private15_Ileagnes_WCT12	0.4333	141.73	01Jan2006, 12:59	32.7
Private23_GolfCourseC_WCT12	0.1614	101.16	01Jan2006, 12:28	13.77
Private36_GolfCourseA_WCT12B	0.0844	96.58	01Jan2006, 12:08	7.22
RBT1_1	0.0469	84.33	01Jan2006, 12:01	5.13
RBT1_2	0.0428	105.52	01Jan2006, 11:58	5.86
RBT1_3	0.1685	367.13	01Jan2006, 12:01	22.95
RB_1	0.0507	102.1	01Jan2006, 12:05	7.88
RB_10	0.2635	364.61	01Jan2006, 12:05	26.31
RB_11	0.265	351.59	01Jan2006, 12:08	29.1
RB_12	0.2971	297.05	01Jan2006, 12:19	34.74
RB_13	0.1292	121.94	01Jan2006, 12:07	9.41
RB_14	0.1534	167.33	01Jan2006, 12:10	14.55
RB_15	0.0896	126.03	01Jan2006, 12:04	8.81
RB_16	0.0931	155.49	01Jan2006, 12:05	11.45
RB_17	0.1645	192.68	01Jan2006, 12:06	14.17
RB_2	0.1911	185.23	01Jan2006, 12:13	18.03
RB_3	0.1736	273.07	01Jan2006, 12:08	22.5
RB_4	0.2129	306.24	01Jan2006, 12:12	29.54
RB_5	0.0463	36.5	01Jan2006, 12:04	2.54
RB_6	0.1078	207.74	01Jan2006, 12:03	13.94
RB_7	0.1644	141.27	01Jan2006, 12:07	11.09
RB_8	0.1732	287.12	01Jan2006, 12:08	24.31
RB_9	0.3123	224.83	01Jan2006, 12:11	20.52
R_BBT1_1	5.3988	949.46	01Jan2006, 13:23	288.64
R_BBT1_2	3.9284	664.66	01Jan2006, 13:50	203.02
R_BBT2_1_1	0.2702	161.12	01Jan2006, 12:34	16.71
R_BBT2_1_2	0.2702	161.12	01Jan2006, 12:23	16.79

R_BBT2_2	0.1698	117.68	01Jan2006, 12:18	10.95
R_BBT2_3	0.16	114.4	01Jan2006, 12:12	10.34
R_BBT3A_1	0.2052	93.33	01Jan2006, 12:22	10.71
R_BBT3_1	0.9359	431.77	01Jan2006, 12:52	54.52
R_BBT3_2	0.6816	348.69	01Jan2006, 12:39	38.02
R_BBT3_3	0.2998	210.64	01Jan2006, 12:27	20.32
R_BBT3_4	0.1852	158.65	01Jan2006, 12:19	14.44
R_BBT4A_1	0.2035	114.78	01Jan2006, 12:12	10.27
R_BBT4_1	0.7267	188.13	01Jan2006, 12:42	29.54
R_BBT4_2	0.176	60.94	01Jan2006, 12:30	5.81
R_BBT5_1	0.7384	187	01Jan2006, 12:55	36.81
R_BBT5_2	0.6041	170.52	01Jan2006, 12:49	32.72
R_BB_1	11.6903	2167.96	01Jan2006, 13:38	604.43
R_BB_2	5.3834	1060.32	01Jan2006, 13:27	261.55
R_BB_3	4.7639	937.8	01Jan2006, 13:09	221.84
R_BB_4	3.3443	612.88	01Jan2006, 13:15	145.94
R_BB_5	2.1187	455.16	01Jan2006, 13:08	95.96
R_BB_6	2.1128	454.67	01Jan2006, 12:54	96.29
R_BushBT1_1	0.2777	340.41	01Jan2006, 12:23	34.08
R_BushBT1_2	0.1465	199.03	01Jan2006, 12:17	19.78
R_BushBT3_1	0.1883	357.13	01Jan2006, 12:07	23.96
R_BushBT4_1	0.4202	690.23	01Jan2006, 12:14	47.94
R_BushBT5_1	0.1609	233.51	01Jan2006, 12:12	17.94
R_BushB_1	1.7003	1340.15	01Jan2006, 12:50	173.71
R_BushB_2	1.149	1094.18	01Jan2006, 12:46	118.69
R_BushB_3_1	0.972	1027.04	01Jan2006, 12:33	103.73
R_BushB_3_2	0.972	1032.06	01Jan2006, 12:32	103.77
R_BushB_4_1	0.972	1032.06	01Jan2006, 12:28	103.89
R_BushB_4_2	0.8692	1191.23	01Jan2006, 12:19	94.94
R_CBT1_1	0.1876	248.87	01Jan2006, 12:14	20.8
R_CBT1_2	0.1693	240.27	01Jan2006, 12:10	19.26
R_CB_1	0.5958	578.73	01Jan2006, 12:27	56.86
R_CB_2	0.5256	560.45	01Jan2006, 12:21	51.15
R_CB_3	0.1677	170.77	01Jan2006, 12:15	15.68
R_GB_1	0.1663	154.99	01Jan2006, 12:26	13.37
R_PBT1_1	0.1682	26.49	01Jan2006, 12:24	4.35
R_PB_1	0.9862	319.8	01Jan2006, 12:53	54.26
R_PB_2	0.8323	291.43	01Jan2006, 12:44	47.72
R_PB_3	0.2727	104.66	01Jan2006, 12:47	14.63
R_RBT1_1	0.2113	441.95	01Jan2006, 12:12	28.73
R_RBT1_2	0.1685	367.13	01Jan2006, 12:04	22.94
R_RB_1	3.0953	1212.61	01Jan2006, 13:05	318.71
R_RB_10	1.1918	813.42	01Jan2006, 12:44	121.04
R_RB_11	0.9269	717.42	01Jan2006, 12:36	92.31
R_RB_12	0.6298	460.94	01Jan2006, 12:30	57.8
R_RB_13	0.5006	416.67	01Jan2006, 12:25	48.5
R_RB_14_1	0.3472	287.14	01Jan2006, 12:19	34.07
R_RB_14_2	0.3472	295.29	01Jan2006, 12:17	34.1
R_RB_15	0.2576	181.53	01Jan2006, 12:10	25.4
R_RB_16_1	0.1645	81.98	01Jan2006, 12:28	13.96

R_RB_16_2	0.1645	81.98	01Jan2006, 12:20	14
R_RB_2	2.9041	1180.4	01Jan2006, 13:04	300.97
R_RB_3	2.7305	1261.18	01Jan2006, 12:48	280.05
R_RB_4	2.5176	1176.79	01Jan2006, 12:44	250.94
R_RB_5	2.4713	1171.86	01Jan2006, 12:43	248.48
R_RB_6	2.3635	1146.56	01Jan2006, 12:38	234.99
R_RB_7	1.9409	953.81	01Jan2006, 12:35	190.67
R_RB_8	1.7677	905.18	01Jan2006, 12:57	167.18
R_RB_9	1.4554	863	01Jan2006, 12:55	146.82
R_SB_1	1.1695	423.79	01Jan2006, 12:23	101.5
R_SB_2	1.0274	363.95	01Jan2006, 12:25	89.8
R_SB_3	0.7737	276.2	01Jan2006, 12:57	68.35
R_SB_4	0.5468	195.07	01Jan2006, 13:01	48.17
R_SB_7	0.1701	180.59	01Jan2006, 12:21	18.57
R_WCT10_1	0.2318	172.08	01Jan2006, 12:30	20.91
R_WCT11_1	0.449	283.78	01Jan2006, 12:33	32.54
R_WCT11_2	0.16	67.67	01Jan2006, 12:28	7.97
R_WCT12A_1	0.2173	217.43	01Jan2006, 12:22	19.36
R_WCT12A_2	0.1534	141.49	01Jan2006, 12:13	12.44
R_WCT12B_1	0.0844	96.58	01Jan2006, 12:13	7.21
R_WCT12_1	0.9312	304.99	01Jan2006, 12:51	75.2
R_WCT12_2	0.8193	332.09	01Jan2006, 12:29	68.74
R_WCT12_3	0.8089	328.24	01Jan2006, 12:23	67.81
R_WCT12_4	0.4333	141.73	01Jan2006, 13:08	32.59
R_WCT12_5_1	0.191	106.14	01Jan2006, 12:35	15.85
R_WCT12_5_2	0.2754	118.62	01Jan2006, 12:47	22.5
R_WCT13_1	0.5049	98.84	01Jan2006, 13:16	32.5
R_WCT13_2	0.4078	270.92	01Jan2006, 12:28	27.26
R_WCT13_3	0.2575	185.37	01Jan2006, 12:21	17.54
R_WCT13_4	0.1561	104.4	01Jan2006, 12:15	10.08
R_WCT14_1	0.2542	231.43	01Jan2006, 12:19	19.03
R_WCT14_2_1	0.1748	132.17	01Jan2006, 12:12	10.33
R_WCT14_2_2	0.1748	132.17	01Jan2006, 12:08	10.34
R_WCT15_1	0.2481	207.66	01Jan2006, 12:26	22.35
R_WCT15_2	0.1794	154.89	01Jan2006, 12:19	15.11
R_WCT16_1	0.2939	151.97	01Jan2006, 12:21	14.5
R_WCT16_2	0.2106	154.47	01Jan2006, 12:15	11.17
R_WCT16_3	0.1646	136.46	01Jan2006, 12:10	9.29
R_WCT17_1	0.7076	402.03	01Jan2006, 12:49	53.71
R_WCT17_2	0.6196	389.7	01Jan2006, 12:20	46.69
R_WCT17_3	0.4336	291.35	01Jan2006, 12:32	33.9
R_WCT17_4	0.2541	210.2	01Jan2006, 12:30	19.66
R_WCT17_5	0.2078	213.72	01Jan2006, 12:23	16.22
R_WCT17_7	0.1909	207.97	01Jan2006, 12:16	14.98
R_WCT18_1	0.3909	534.93	01Jan2006, 12:21	45.4
R_WCT18_2	0.2968	423.47	01Jan2006, 12:16	33.57
R_WCT18_3	0.2071	311.59	01Jan2006, 12:08	25.15
R_WCT19_1	0.1616	213.74	01Jan2006, 12:20	17.94
R_WCT1_1	0.2847	176.88	01Jan2006, 12:32	19.67
R_WCT1_2	0.2476	160.45	01Jan2006, 12:23	16.22

R_WCT1_3	0.1611	105.36	01Jan2006, 12:17	10.55
R_WCT20_1	0.2266	373.16	01Jan2006, 12:15	29.86
R_WCT20_2	0.169	305.81	01Jan2006, 12:14	23.2
R_WCT21_1	0.2181	170.07	01Jan2006, 12:08	21.13
R_WCT21_2	0.1657	112.25	01Jan2006, 12:24	16.16
R_WCT22_1	0.5242	511.43	01Jan2006, 12:37	74.45
R_WCT22_2	0.347	365.42	01Jan2006, 12:32	55.28
R_WCT22_3	0.2027	379.27	01Jan2006, 12:11	31.1
R_WCT23_1	0.2045	207.14	01Jan2006, 12:18	19.11
R_WCT23_2	0.1653	175.02	01Jan2006, 12:17	14.55
R_WCT24_1	0.6657	446.62	01Jan2006, 12:40	56.13
R_WCT24_2	0.5429	409.72	01Jan2006, 12:38	46.8
R_WCT24_3	0.2916	239.42	01Jan2006, 12:28	25.59
R_WCT24_4	0.1858	206.48	01Jan2006, 12:18	17.51
R_WCT25_1	0.1569	158.46	01Jan2006, 12:11	13.42
R_WCT26_1	0.2949	146.13	01Jan2006, 12:40	24.49
R_WCT26_2	0.1835	105.45	01Jan2006, 12:28	12.09
R_WCT2_1	0.1566	61.07	01Jan2006, 12:21	6.75
R_WCT3_1	0.1582	49.74	01Jan2006, 12:32	7.12
R_WCT4_1	0.1483	77.54	01Jan2006, 12:22	7.36
R_WCT5A_1	0.1308	149.73	01Jan2006, 12:10	12.61
R_WCT5_1_1	0.2816	247.84	01Jan2006, 12:35	25.62
R_WCT5_1_2	0.1508	156.57	01Jan2006, 12:24	13.13
R_WCT6_1	0.152	131.59	01Jan2006, 12:16	11.51
R_WCT7_1	0.2674	200.98	01Jan2006, 12:27	22.21
R_WCT7_2	0.2009	154.79	01Jan2006, 12:19	17.06
R_WCT7_2_1	0.2009	154.79	01Jan2006, 12:20	17.05
R_WCT8A_1	0.1499	125.13	01Jan2006, 12:20	12.22
R_WCT8_1	1.394	614.5	01Jan2006, 13:01	107.25
R_WCT8_2	1.2056	595.39	01Jan2006, 12:43	90.1
R_WCT8_3	1.041	511.81	01Jan2006, 12:33	75.32
R_WCT8_4	0.5591	216.85	01Jan2006, 12:52	34.8
R_WCT8_5	0.3137	147.13	01Jan2006, 12:39	17.7
R_WCT8_6	0.1524	104.5	01Jan2006, 12:22	10.31
R_WCT9_1	0.5992	451.79	01Jan2006, 12:37	54.01
R_WCT9_2	0.522	434.09	01Jan2006, 12:33	46.71
R_WCT9_3	0.3752	355.18	01Jan2006, 12:24	34.05
R_WCT9_4	0.326	321.91	01Jan2006, 12:19	29.82
R_WCT9_5	0.155	170.5	01Jan2006, 12:11	13.97
R_WC_1	45.4366	2501.27	01Jan2006, 23:15	1635.86
R_WC_11	28.2391	2526.18	01Jan2006, 16:59	1765.42
R_WC_12	27.8626	2665.52	01Jan2006, 16:10	1844.78
R_WC_13	26.1525	2587.42	01Jan2006, 16:01	1715.17
R_WC_14	25.5027	2613.44	01Jan2006, 15:31	1719.57
R_WC_15	25.1434	2593.17	01Jan2006, 15:28	1685.72
R_WC_16	25.0057	2584.45	01Jan2006, 15:25	1667.73
R_WC_17	24.4898	2653.57	01Jan2006, 14:53	1638.7
R_WC_18	23.3569	2992.68	01Jan2006, 14:06	1619.29
R_WC_19	22.5662	3404.87	01Jan2006, 13:27	1611.78
R_WC_2	44.7186	2538.82	01Jan2006, 22:11	1824.12

R_WC_20	20.4469	2816.49	01Jan2006, 13:20	1431.87
R_WC_21	17.14	1695.07	01Jan2006, 12:55	1106.64
R_WC_22	15.9359	1349.28	01Jan2006, 12:43	1002.07
R_WC_23	14.6682	1088.95	01Jan2006, 18:06	896.74
R_WC_24	14.269	1080.16	01Jan2006, 17:42	881.99
R_WC_25	13.5417	1052.53	01Jan2006, 17:33	811.06
R_WC_26	13.2146	1057.68	01Jan2006, 16:47	794.12
R_WC_27	12.1198	1021.01	01Jan2006, 16:36	724.06
R_WC_29	8.9555	946.55	01Jan2006, 15:15	661.01
R_WC_3	44.2575	2551.15	01Jan2006, 21:33	1922.87
R_WC_30	7.6516	843.57	01Jan2006, 15:03	556.72
R_WC_31	7.3276	826.92	01Jan2006, 14:55	532.17
R_WC_32	6.9932	805.39	01Jan2006, 14:53	495.13
R_WC_34	4.5508	1580.11	01Jan2006, 12:50	456.04
R_WC_35	4.3244	1589.84	01Jan2006, 12:40	435.8
R_WC_36	3.3506	1308.33	01Jan2006, 13:41	342.83
R_WC_37	3.133	1322.43	01Jan2006, 13:14	324.96
R_WC_38	2.4774	1142.09	01Jan2006, 13:13	257.15
R_WC_39	2.3827	1328.92	01Jan2006, 12:54	248.93
R_WC_4	43.4338	2559.49	01Jan2006, 20:56	1998.34
R_WC_40	1.9907	1222.23	01Jan2006, 12:42	217.22
R_WC_41	0.8865	509.8	01Jan2006, 12:48	83.98
R_WC_5	30.7779	2339.93	01Jan2006, 20:06	1552.99
R_WC_6	30.4782	2350.61	01Jan2006, 19:29	1626.12
R_WC_7	29.7566	2375.54	01Jan2006, 18:42	1653.53
R_WC_8	29.3935	2389.85	01Jan2006, 18:14	1674.08
R_WC_9	28.8018	2377.47	01Jan2006, 18:03	1672.25
R_WildBT1_1	0.5604	521.2	01Jan2006, 12:22	59.76
R_WildBT1_2	0.3855	404.28	01Jan2006, 12:20	46.08
R_WildBT1_3	0.2021	210.4	01Jan2006, 12:28	25.46
R_WildBT1_4	0.1682	253.79	01Jan2006, 12:12	20.4
R_WildBT2_1	0.1578	67.98	01Jan2006, 12:22	7.36
R_WildB_1	1.9683	580.7	01Jan2006, 13:25	188.82
R_WildB_2	1.7985	554.01	01Jan2006, 13:24	162.71
R_WildB_3	1.5056	939.94	01Jan2006, 12:45	133.25
R_WildB_4	1.3893	857.58	01Jan2006, 12:36	118.92
R_WildB_5	0.7574	402.44	01Jan2006, 12:37	53.84
R_WildB_6	0.5209	327.18	01Jan2006, 12:33	41.35
R_WildB_7	0.1817	125.81	01Jan2006, 12:25	13.88
R_WildB_8	0.1569	119.96	01Jan2006, 12:19	12.13
R_WtsnB_1	0.9036	734.94	01Jan2006, 12:43	84.61
R_WtsnB_2	0.1687	116.33	01Jan2006, 12:25	13.8
R_WtsnB_3	0.1534	112.72	01Jan2006, 12:20	12.63
RockyTrib1 Generic Reservoir	0.2582	196.79	01Jan2006, 12:23	33.5
SB_1	0.0481	98.83	01Jan2006, 12:01	6.06
SB_2	0.142	159.55	01Jan2006, 12:06	11.91
SB_3	0.2538	195.42	01Jan2006, 12:17	21.56
SB_4	0.2269	145.03	01Jan2006, 12:28	20.31
SB_5	0.0267	41.94	01Jan2006, 12:03	2.73
SB_6	0.103	104.34	01Jan2006, 12:10	9.17

SB_7	0.247	148.39	01Jan2006, 12:31	21.98
SB_8	0.1701	182.07	01Jan2006, 12:14	18.63
SCM A	0.0168	2.88	01Jan2006, 13:06	1.97
SCM B	0.0239	13.56	01Jan2006, 12:07	2.94
SCM C	0.0121	7.18	01Jan2006, 12:06	1.84
SCM D	0.0113	1.92	01Jan2006, 12:50	1.31
Sub 2 to SCM B	0.0239	73.91	01Jan2006, 11:56	4.29
Sub 3 to SCM C	0.0121	37.42	01Jan2006, 11:56	2.17
Sub 4 to SCM D	0.0113	34.91	01Jan2006, 11:56	2.03
WCLAKRA_LakeRaleighA_WCT18	0.5326	487.37	01Jan2006, 12:27	61.61
WCT10_1	0.0994	116.01	01Jan2006, 12:15	12.22
WCT10_2	0.2318	172.17	01Jan2006, 12:21	20.98
WCT10_MLK	0.2318	172.08	01Jan2006, 12:21	20.98
WCT11_1	0.107	122.59	01Jan2006, 12:12	11.5
WCT11_2	0.182	129.77	01Jan2006, 12:14	13.26
WCT11_3	0.16	67.67	01Jan2006, 12:17	8.01
WCT11_I40	0.449	283.78	01Jan2006, 12:17	32.72
WCT12A_1	0.0701	119.35	01Jan2006, 12:05	8.92
WCT12A_2	0.0638	77.04	01Jan2006, 12:11	6.98
WCT12A_3	0.1534	141.49	01Jan2006, 12:10	12.46
WCT12B_1	0.0844	106.97	01Jan2006, 12:04	7.27
WCT12_1	0.2062	354.88	01Jan2006, 12:08	30.55
WCT12_2	0.0529	43.75	01Jan2006, 12:13	4.27
WCT12_3	0.0104	16.3	01Jan2006, 12:03	1.07
WCT12_4	0.0882	90.01	01Jan2006, 12:07	7.01
WCT12_5_1	0.1579	98.32	01Jan2006, 12:18	11.18
WCT12_5_2	0.0296	37.52	01Jan2006, 12:00	2.11
WCT12_6	0.1614	128.32	01Jan2006, 12:17	14.02
WCT12_I40	1.1374	372.98	01Jan2006, 12:38	105.42
WCT12_RR_Xsing	0.2754	118.62	01Jan2006, 12:43	22.54
WCT12_SouthSaundersSt	0.9312	304.99	01Jan2006, 12:41	75.46
WCT13_1	0.1616	142.5	01Jan2006, 12:20	16.92
WCT13_2	0.0971	108.69	01Jan2006, 12:07	8.54
WCT13_3	0.1502	93.13	01Jan2006, 12:15	9.8
WCT13_4	0.1014	93.51	01Jan2006, 12:08	7.52
WCT13_5	0.1561	104.4	01Jan2006, 12:12	10.09
WCT13_I40	0.6855	150.82	01Jan2006, 12:23	49.87
WCT13_RRXsing	0.6855	150.85	01Jan2006, 12:23	49.88
WCT14_1	0.0875	111.07	01Jan2006, 12:09	9.38
WCT14_2	0.0794	124.1	01Jan2006, 12:05	8.77
WCT14_3	0.1748	143.91	01Jan2006, 12:05	10.36
WCT15_1	0.1265	242.82	01Jan2006, 12:06	19.44
WCT15_2	0.0686	97.42	01Jan2006, 12:06	7.31
WCT15_3	0.1794	154.89	01Jan2006, 12:13	15.14
WCT15_I40	0.2481	207.66	01Jan2006, 12:17	22.42
WCT16_1	0.0111	10.28	01Jan2006, 12:01	0.63
WCT16_2	0.0834	55.39	01Jan2006, 12:01	3.48
WCT16_3	0.0459	18.26	01Jan2006, 12:12	1.9
WCT16_4	0.1646	136.46	01Jan2006, 12:04	9.31
WCT17_1	0.3585	77.64	01Jan2006, 12:32	13.54

WCT17_2	0.088	103.42	01Jan2006, 12:05	7.48
WCT17_3	0.186	132.46	01Jan2006, 12:12	12.82
WCT17_4	0.1796	154.83	01Jan2006, 12:11	14.31
WCT17_5	0.0463	48.24	01Jan2006, 12:05	3.46
WCT17_6	0.0169	20.98	01Jan2006, 12:02	1.28
WCT17_7	0.1909	207.97	01Jan2006, 12:05	15.04
WCT17_I40	0.7076	402.03	01Jan2006, 12:26	54.14
WCT17_LineberryDr	0.2541	210.2	01Jan2006, 12:27	19.68
WCT18_1	0.1417	280.16	01Jan2006, 12:00	16.43
WCT18_2	0.0941	151.41	01Jan2006, 12:07	11.92
WCT18_3	0.0897	128.29	01Jan2006, 12:03	8.5
WCT18_4	0.2071	311.59	01Jan2006, 12:07	25.16
WCT19_1	0.153	135.86	01Jan2006, 12:07	10.83
WCT19_2	0.1616	251.95	01Jan2006, 12:05	17.99
WCT19_Thistledown	0.1616	213.74	01Jan2006, 12:10	17.99
WCT1_1	0.2815	181.12	01Jan2006, 12:19	21.16
WCT1_2	0.0371	49.04	01Jan2006, 12:05	3.53
WCT1_3	0.0866	57.06	01Jan2006, 12:13	5.71
WCT1_4	0.1611	105.36	01Jan2006, 12:13	10.57
WCT20_1	0.0052	4.95	01Jan2006, 12:02	0.31
WCT20_2	0.0576	84.56	01Jan2006, 12:07	6.68
WCT20_3	0.169	305.81	01Jan2006, 12:05	23.25
WCT21_1	0.0178	5.81	01Jan2006, 12:06	0.52
WCT21_2	0.0524	74.2	01Jan2006, 12:04	4.99
WCT21_3	0.1657	210.34	01Jan2006, 12:07	16.2
WCT21_I40	0.1657	112.25	01Jan2006, 12:19	16.19
WCT22_1	0.0664	77.9	01Jan2006, 12:10	6.78
WCT22_2	0.1772	170.93	01Jan2006, 12:18	19.39
WCT22_3	0.1443	240.46	01Jan2006, 12:11	24.4
WCT22_4	0.2027	379.27	01Jan2006, 12:07	31.13
WCT22_I40_US	0.347	365.42	01Jan2006, 12:23	55.39
WCT22_I440_DS	0.5905	503.39	01Jan2006, 12:45	81.24
WCT23_1	0.003	6.63	01Jan2006, 12:01	0.41
WCT23_2	0.0392	64.46	01Jan2006, 12:04	4.57
WCT23_3	0.1653	175.02	01Jan2006, 12:09	14.59
WCT24_1	0.0164	26.03	01Jan2006, 12:04	1.76
WCT24_2	0.1228	98.17	01Jan2006, 12:12	9.38
WCT24_3	0.2513	196.98	01Jan2006, 12:17	21.44
WCT24_4	0.1057	117.93	01Jan2006, 12:04	8.19
WCT24_5	0.1858	206.48	01Jan2006, 12:09	17.56
WCT25_1	0.0057	9.17	01Jan2006, 12:04	0.63
WCT25_2	0.1569	158.46	01Jan2006, 12:09	13.43
WCT26_1	0.0147	24.92	01Jan2006, 12:07	2.01
WCT26_2	0.1115	151.87	01Jan2006, 12:10	13.64
WCT26_3	0.1835	122.63	01Jan2006, 12:13	12.15
WCT26_I40	0.2949	146.13	01Jan2006, 12:36	24.52
WCT26_WesternBlvd	0.1835	105.45	01Jan2006, 12:20	12.13
WCT2_1	0.145	60.16	01Jan2006, 12:18	7.33
WCT2_2	0.1566	61.07	01Jan2006, 12:14	6.78
WCT3_1	0.1274	71.45	01Jan2006, 12:14	7.55

WCT3_2	0.1582	49.74	01Jan2006, 12:24	7.14
WCT4_1	0.0808	24.09	01Jan2006, 12:16	3.02
WCT4_2	0.1483	77.54	01Jan2006, 12:11	7.4
WCT5A_1	0.1308	149.73	01Jan2006, 12:09	12.62
WCT5_1	0.1833	232.02	01Jan2006, 12:09	19.34
WCT5_2	0.1508	156.57	01Jan2006, 12:09	13.19
WCT6_1	0.2012	154.75	01Jan2006, 12:13	15.3
WCT6_2	0.152	131.59	01Jan2006, 12:10	11.53
WCT7_1	0.101	90.35	01Jan2006, 12:09	7.63
WCT7_2	0.0666	59.14	01Jan2006, 12:10	5.23
WCT7_3	0.2009	156.8	01Jan2006, 12:17	17.07
WCT8A_1	0.1221	104.31	01Jan2006, 12:18	11.74
WCT8A_2	0.1499	125.13	01Jan2006, 12:13	12.25
WCT8_1	0.1826	275.92	01Jan2006, 12:14	31.29
WCT8_2	0.1885	203.78	01Jan2006, 12:10	17.8
WCT8_3	0.1646	147.68	01Jan2006, 12:15	15.13
WCT8_4	0.2099	129.62	01Jan2006, 12:23	16.78
WCT8_5	0.2454	178.75	01Jan2006, 12:12	17.32
WCT8_6	0.1614	55.86	01Jan2006, 12:22	7.65
WCT8_7	0.1524	104.5	01Jan2006, 12:13	10.34
WCT8_I40	1.394	614.5	01Jan2006, 12:48	107.74
WCT9_1	0.0231	26.65	01Jan2006, 12:02	1.64
WCT9_2	0.0772	110.56	01Jan2006, 12:03	7.37
WCT9_3	0.1468	154.23	01Jan2006, 12:09	12.85
WCT9_4	0.0492	54.22	01Jan2006, 12:07	4.29
WCT9_5	0.171	154.68	01Jan2006, 12:15	15.91
WCT9_6	0.155	172.15	01Jan2006, 12:08	13.99
WCT9_MLK	0.522	434.09	01Jan2006, 12:23	46.86
WCT9_PooleRd	0.155	170.5	01Jan2006, 12:09	13.98
WC_1	0.6191	353.9	01Jan2006, 12:25	47.72
WC_10	0.3731	212.46	01Jan2006, 12:25	28.62
WC_11	0.5628	560.47	01Jan2006, 12:13	55.34
WC_12	0.008	10.17	01Jan2006, 12:03	0.65
WC_13	0.1335	137.31	01Jan2006, 12:10	11.88
WC_14	0.0276	32.55	01Jan2006, 12:04	2.23
WC_15	0.0282	63.21	01Jan2006, 12:03	4.55
WC_16	0.1376	222.37	01Jan2006, 12:11	22.41
WC_17	0.115	185.3	01Jan2006, 12:11	18.21
WC_18	0.1116	89.4	01Jan2006, 12:13	8.8
WC_19	0.3417	372.02	01Jan2006, 12:13	36.15
WC_2	0.1517	87.66	01Jan2006, 12:18	10.03
WC_20	0.0332	75.03	01Jan2006, 12:00	4.63
WC_21	0.076	61.1	01Jan2006, 12:17	6.69
WC_22	0.0499	101.71	01Jan2006, 12:03	6.91
WC_23	0.5254	469.97	01Jan2006, 12:21	57.22
WC_24	0.0575	98.56	01Jan2006, 12:06	7.81
WC_25	0.3527	492.77	01Jan2006, 12:07	39.52
WC_26	0.0221	52.28	01Jan2006, 12:02	3.56
WC_27	0.0287	62.86	01Jan2006, 12:04	4.75
WC_28	0.4701	718.05	01Jan2006, 12:10	64.33

WC_29	0.2428	182.23	01Jan2006, 12:17	20.18
WC_3	0.1596	119.24	01Jan2006, 12:14	12.24
WC_30	0.0864	101.73	01Jan2006, 12:05	7.22
WC_31	0.0093	9.89	01Jan2006, 12:05	0.69
WC_32	0.1026	91.28	01Jan2006, 12:09	7.64
WC_33	1.5394	1052.69	01Jan2006, 12:19	122.75
WC_34	0.0766	142.48	01Jan2006, 12:03	9.54
WC_35	0.019	37.06	01Jan2006, 12:04	2.61
WC_36	0.2917	334.84	01Jan2006, 12:15	35.34
WC_37	0.055	65.96	01Jan2006, 12:04	4.42
WC_38	0.6557	468.73	01Jan2006, 12:30	67.85
WC_39	0.0947	119.51	01Jan2006, 12:05	8.63
WC_4	0.5381	280.1	01Jan2006, 12:15	30.41
WC_40	0.0823	67.96	01Jan2006, 12:12	6.38
WC_41	0.5422	695.29	01Jan2006, 12:17	80.71
WC_42	0.5619	373.55	01Jan2006, 12:29	53.79
WC_43	0.8865	515.03	01Jan2006, 12:37	84.26
WC_5	0.5983	167.39	01Jan2006, 12:33	28.21
WC_6	0.0706	57.91	01Jan2006, 12:09	5.01
WC_7	0.2568	274.09	01Jan2006, 12:13	26.51
WC_8	0.0099	8.94	01Jan2006, 12:05	0.65
WC_9	0.2186	138.82	01Jan2006, 12:24	18.26
Watson Generic Reservoir	0.1687	116.33	01Jan2006, 12:20	13.83
White Oak Lake	0.5201	193.14	01Jan2006, 12:51	45.63
WildBT1_1	0.0362	51.47	01Jan2006, 12:06	3.81
WildBT1_2	0.1749	159.23	01Jan2006, 12:09	13.75
WildBT1_3	0.1834	214.13	01Jan2006, 12:12	20.68
WildBT1_4	0.0339	78.24	01Jan2006, 12:01	5.12
WildBT1_5	0.1682	253.79	01Jan2006, 12:07	20.43
WildBT2_1	0.0239	20.03	01Jan2006, 12:10	1.78
WildBT2_2	0.1578	70.47	01Jan2006, 12:13	7.38
WildBTrb1_Tryon_And_Chapanoke	0.2021	210.4	01Jan2006, 12:20	25.51
WildB_1	0.1177	199.64	01Jan2006, 12:07	16.29
WildB_2	0.1698	257.88	01Jan2006, 12:12	26.23
WildB_3	0.2929	241.44	01Jan2006, 12:22	29.91
WildB_4	0.1163	135.62	01Jan2006, 12:16	14.85
WildB_5	0.0353	22.94	01Jan2006, 12:08	1.9
WildB_6	0.0548	38.22	01Jan2006, 12:10	3.47
WildB_7	0.3393	201.72	01Jan2006, 12:26	27.59
WildB_8	0.0248	31.14	01Jan2006, 12:00	1.78
WildB_9	0.1569	119.96	01Jan2006, 12:14	12.15

GLOBAL SUMMARY
Post Detained 10-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0557	4772.16	01Jan2006, 22:42	3363.43
72_CarolinaPines_WCT13	0.5049	325.86	01Jan2006, 12:45	66.03
AreaA	0.0567	87.19	01Jan2006, 12:13	8.58
AreaB1	0.019	16.8	01Jan2006, 12:05	1.27
AreaB2	0.059	66.77	01Jan2006, 12:09	5.76
AreaC1	0.0168	50.14	01Jan2006, 12:06	4.51
Avent Ferry Dr	1.1695	830.96	01Jan2006, 12:39	188.71
BBT1_1	0.5004	378.7	01Jan2006, 12:43	67.33
BBT1_2	0.272	363.05	01Jan2006, 12:14	36.62
BBT1_3	3.9284	1950.75	01Jan2006, 13:04	446.91
BBT2_1	0.2378	186.78	01Jan2006, 12:38	30.97
BBT2_2	0.1003	106.53	01Jan2006, 12:18	12.2
BBT2_3	0.0099	22.28	01Jan2006, 12:00	1.28
BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
BBT3A_1	0.0277	16.76	01Jan2006, 12:18	2.04
BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
BBT3_1	0.2625	226.16	01Jan2006, 12:29	32.74
BBT3_2	0.2544	237.45	01Jan2006, 12:28	33.58
BBT3_3	0.1488	117.41	01Jan2006, 12:21	14.63
BBT3_4	0.1146	140.88	01Jan2006, 12:11	12.83
BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
BBT4A_1	0.0355	39.86	01Jan2006, 12:09	3.45
BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
BBT4_1	0.2036	177.62	01Jan2006, 12:18	20.29
BBT4_2	0.3116	190.07	01Jan2006, 12:30	28.59
BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
BBT5_1	0.1414	145.13	01Jan2006, 12:08	12.21
BBT5_2	0.1343	77.88	01Jan2006, 12:24	10.66
BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
BB_1	0.3673	243.86	01Jan2006, 12:43	43.61
BB_2	0.4078	323.35	01Jan2006, 12:34	50.4
BB_3	0.1114	197.14	01Jan2006, 12:12	18.48
BB_4	0.2583	242.99	01Jan2006, 12:15	25.99
BB_5	0.2954	247.59	01Jan2006, 12:18	28.81
BB_6	0.006	9.22	01Jan2006, 12:04	0.63
BB_7	1.233	660.69	01Jan2006, 12:45	123.52
BigBranchTrib1_I40Xsing	3.9284	1350.58	01Jan2006, 13:43	439.57
BigBranchTrib3_I40Xsing	0.9359	890.58	01Jan2006, 12:44	113.2
BigBrnch_AuburnChurchRd_US	1.233	659.49	01Jan2006, 12:46	123.32
BushBT1_1	0.0988	170.46	01Jan2006, 12:09	14.22
BushBT1_2	0.1312	354.68	01Jan2006, 12:04	25.01
BushBT1_3	0.1465	318.68	01Jan2006, 12:13	32.29
BushB_2	0.1747	277.72	01Jan2006, 12:12	26.62
BushB_3	0.177	319.74	01Jan2006, 12:10	28.57
BushB_4	0.1027	218.31	01Jan2006, 12:07	17.01
Bushy Branch Generic Reservoir	0.972	1482.6	01Jan2006, 12:27	180.11
Bypass	0.0377	83.04	01Jan2006, 12:09	7.05
CBT1_1	0.0096	19.91	01Jan2006, 11:59	1.08

CBT1_2	0.0184	52.36	01Jan2006, 11:59	2.93
CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
CB_1	0.0436	115.82	01Jan2006, 12:03	7.64
CB_2	0.0701	186.65	01Jan2006, 12:00	10.94
CB_3	0.1607	261.1	01Jan2006, 12:14	26.3
CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
Cary Towne Blvd	1.4288	1547.68	01Jan2006, 12:24	279.36
DortheaDixFarmPnd_WCT16	0.2939	361.37	01Jan2006, 12:17	31.74
GB_1	0.2347	432.35	01Jan2006, 12:13	42.51
GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
GatlingBranch_I40Xsing	0.401	641.24	01Jan2006, 12:21	67.82
I-440 Beltline	0.5468	397.34	01Jan2006, 12:48	89.39
J_BBT1_1	5.8992	2076.49	01Jan2006, 13:23	681.48
J_BBT1_1_BB_2	11.6903	4749.78	01Jan2006, 13:18	1301.82
J_BBT1_2	4.2004	1384.45	01Jan2006, 13:54	474.23
J_BBT1_3	3.9284	1350.58	01Jan2006, 13:43	439.57
J_BBT2_1	0.508	530.17	01Jan2006, 12:34	65.13
J_BBT2_1_BB_3	5.3834	2563.51	01Jan2006, 12:50	574.37
J_BBT2_2	0.2702	356.38	01Jan2006, 12:17	34.34
J_BBT2_3	0.1698	250.24	01Jan2006, 12:11	22.18
J_BBT2_4	0.16	254.09	01Jan2006, 12:08	20.92
J_BBT3A_1	0.2329	235.37	01Jan2006, 12:21	25.08
J_BBT3A_1_BBT3_3	0.6816	768.33	01Jan2006, 12:25	80.03
J_BBT3A_2	0.2052	218.9	01Jan2006, 12:15	23.09
J_BBT3_1	1.1985	1041.79	01Jan2006, 12:51	145.6
J_BBT3_1_BBT1_2	5.3988	1871.79	01Jan2006, 12:58	619.82
J_BBT3_2	0.9359	890.58	01Jan2006, 12:44	113.2
J_BBT3_3	0.4486	543.28	01Jan2006, 12:26	54.95
J_BBT3_4	0.2998	430.48	01Jan2006, 12:17	40.45
J_BBT3_5	0.1852	309.71	01Jan2006, 12:10	27.68
J_BBT4A_1	0.239	309.81	01Jan2006, 12:11	25.79
J_BBT4A_1_BBT4_2	0.7267	510.79	01Jan2006, 12:26	68.83
J_BBT4A_2	0.2035	270.57	01Jan2006, 12:08	22.37
J_BBT4_1	0.9302	614.75	01Jan2006, 12:28	88.75
J_BBT4_2	0.4876	372.34	01Jan2006, 12:29	43.03
J_BBT4_3	0.176	182.37	01Jan2006, 12:07	14.57
J_BBT5_1	0.8798	466.54	01Jan2006, 12:50	92.13
J_BBT5_1_BB_7	2.1128	1124.31	01Jan2006, 12:48	215.45
J_BBT5_2	0.7384	441.98	01Jan2006, 12:43	80.15
J_BBT5_3	0.6041	393.07	01Jan2006, 12:42	69.61
J_BB_1	12.0576	4860.19	01Jan2006, 13:33	1338.2
J_BB_1_WC_5	43.4338	6284.09	01Jan2006, 13:33	4384.35
J_BB_2	5.7911	2726.33	01Jan2006, 13:10	620.34
J_BB_3	4.8754	2320.95	01Jan2006, 13:07	509.25
J_BB_4	3.6026	1601.79	01Jan2006, 13:05	356.24
J_BB_5	2.4141	1191.18	01Jan2006, 13:03	243.52
J_BB_5_BBT4_1	3.3443	1550.91	01Jan2006, 12:50	332.27
J_BB_6	2.1187	1125.33	01Jan2006, 12:51	215.84
J_BB_7	1.233	659.49	01Jan2006, 12:46	123.32
J_BushBT1_1	0.3765	665.04	01Jan2006, 12:21	71.28

J_BushBT1_1_BushB_2	1.7003	1910.95	01Jan2006, 12:32	305.44
J_BushBT1_2	0.2777	567.53	01Jan2006, 12:07	57.27
J_BushBT1_3	0.1465	318.68	01Jan2006, 12:13	32.29
J_BushBT2_1	0.1979	342.11	01Jan2006, 12:08	29.22
J_BushBT2_2	0.1777	298.33	01Jan2006, 12:09	25.49
J_BushBT2_T4_T5	0.8692	2034.3	01Jan2006, 12:13	163.7
J_BushBT3_1	0.2231	640.59	01Jan2006, 12:06	44.21
J_BushBT3_1_BushBT4_2	0.4202	1159.07	01Jan2006, 12:05	81.82
J_BushBT3_2	0.1883	580.54	01Jan2006, 12:03	39.84
J_BushBT4_1	0.4765	1248.61	01Jan2006, 12:14	95.8
J_BushBT4_2	0.1972	536.94	01Jan2006, 12:03	37.61
J_BushBT4_3	0.1642	487.8	01Jan2006, 12:03	33.91
J_BushBT5_1	0.1949	481.28	01Jan2006, 12:12	38.69
J_BushBT5_2	0.1609	398.9	01Jan2006, 12:06	31.01
J_BushB_1	1.9187	2076.45	01Jan2006, 12:39	346.51
J_BushB_2	1.3238	1399.86	01Jan2006, 12:34	234.16
J_BushB_3	1.149	1297.66	01Jan2006, 12:49	208.26
J_BushB_4	0.972	1276.99	01Jan2006, 12:39	179.95
J_CBT1_1	0.1972	427.02	01Jan2006, 12:13	37.01
J_CBT1_1_CB_3	0.5256	999.09	01Jan2006, 12:14	91.76
J_CBT1_2	0.1876	423.22	01Jan2006, 12:09	35.97
J_CBT1_3	0.1693	407.91	01Jan2006, 12:07	33.06
J_CB_1	0.6393	1052.62	01Jan2006, 12:27	110
J_CB_2	0.5958	1031.28	01Jan2006, 12:21	102.53
J_CB_3	0.3284	572.15	01Jan2006, 12:14	54.75
J_CB_4	0.1677	311.8	01Jan2006, 12:11	28.49
J_CryTwnBlvdRes_WC_42	1.9907	2214.73	01Jan2006, 12:25	376.23
J_GB_1	0.401	641.24	01Jan2006, 12:21	67.82
J_GB_2	0.1663	298.78	01Jan2006, 12:09	25.45
J_PBT1_1	0.1747	100.51	01Jan2006, 12:20	12.27
J_PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
J_PB_1	1.1613	799.4	01Jan2006, 12:45	135.81
J_PB_1_BB_4	4.7639	2293.54	01Jan2006, 13:00	492.05
J_PB_2	0.9862	710.93	01Jan2006, 12:40	114.05
J_PB_3	0.6575	564.86	01Jan2006, 12:37	86.71
J_PB_3_PBT1_1	0.8323	637.02	01Jan2006, 12:32	98.98
J_PB_4	0.2727	238.52	01Jan2006, 12:23	31.43
J_RBT1_1	0.2582	762.27	01Jan2006, 12:11	55.68
J_RBT1_1_RB_7	2.3635	2056.08	01Jan2006, 12:33	415.88
J_RBT1_2	0.2113	701.64	01Jan2006, 12:02	46.88
J_RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
J_RB_1	3.146	2017.09	01Jan2006, 13:29	569.33
J_RB_10	1.4554	1511.36	01Jan2006, 12:40	260.53
J_RB_11	1.1918	1423.87	01Jan2006, 12:32	214.22
J_RB_12	0.9269	1257.46	01Jan2006, 12:27	164.14
J_RB_13	0.6298	823.99	01Jan2006, 12:24	105.24
J_RB_14	0.5006	739.51	01Jan2006, 12:17	87.07
J_RB_15	0.3472	514.07	01Jan2006, 12:07	60.96
J_RB_16	0.2576	313.13	01Jan2006, 12:07	45.23
J_RB_17	0.1645	360.6	01Jan2006, 12:05	26.35

J_RB_1_WC_21	20.4469	4723.22	01Jan2006, 13:20	2758.35
J_RB_2	3.0953	2007.73	01Jan2006, 13:26	557.47
J_RB_3	2.9041	2155.6	01Jan2006, 12:51	527.31
J_RB_4	2.7305	2097.19	01Jan2006, 12:47	490.82
J_RB_5	2.5176	1986.18	01Jan2006, 12:48	443.15
J_RB_6	2.4713	1977.47	01Jan2006, 12:42	438.49
J_RB_7	2.1053	1808.08	01Jan2006, 12:33	360.73
J_RB_8	1.9409	1741.65	01Jan2006, 12:20	339.91
J_RB_9	1.7677	1600.74	01Jan2006, 12:47	300.95
J_SB_1	1.2176	844.69	01Jan2006, 12:40	198.54
J_SB_1_WC_30	8.9555	1970.67	01Jan2006, 12:22	1261.67
J_SB_2	1.1695	866.08	01Jan2006, 12:27	188.71
J_SB_3	1.0274	788.08	01Jan2006, 12:29	166.57
J_SB_4	0.7737	600.12	01Jan2006, 12:40	126.51
J_SB_5	0.5468	398.29	01Jan2006, 12:46	89.47
J_SB_6	0.5201	697.05	01Jan2006, 12:19	89.52
J_SB_7	0.417	566.76	01Jan2006, 12:23	72.63
J_SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
J_WC37_WCT25_1	3.3506	2183.61	01Jan2006, 13:12	602.51
J_WCT10_1	0.3311	460.39	01Jan2006, 12:25	58.8
J_WCT10_2	0.2318	319.32	01Jan2006, 12:21	38.41
J_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
J_WCT11_1_WC_19	23.3569	5902.04	01Jan2006, 13:34	3169.31
J_WCT11_2	0.342	375.17	01Jan2006, 12:19	43.26
J_WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
J_WCT12A_1	0.2874	476.74	01Jan2006, 12:20	50.36
J_WCT12A_1_WCT12_4	0.8089	657.05	01Jan2006, 12:22	126.6
J_WCT12A_2	0.2173	403.51	01Jan2006, 12:12	35.65
J_WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
J_WCT12B_1	0.0844	186.63	01Jan2006, 12:07	13.45
J_WCT12_1	1.1374	563.09	01Jan2006, 13:02	189.51
J_WCT12_1_WC_22	17.14	2984.68	01Jan2006, 12:45	2177.44
J_WCT12_2	0.9312	505.02	01Jan2006, 12:51	141.92
J_WCT12_3	0.8193	662.91	01Jan2006, 12:24	128.38
J_WCT12_4	0.5215	289.7	01Jan2006, 12:50	76.23
J_WCT12_5_1_WCT12B_1	0.2754	184.48	01Jan2006, 12:48	42.51
J_WCT12_5_2	0.4333	267.95	01Jan2006, 12:44	63.08
J_WCT12_6	0.191	225.72	01Jan2006, 12:24	29.79
J_WCT13_1	0.6855	375.93	01Jan2006, 13:08	96.59
J_WCT13_1_WC_23	15.9359	2610.43	01Jan2006, 12:29	1986.96
J_WCT13_2	0.5049	325.86	01Jan2006, 12:45	66.03
J_WCT13_3	0.4078	562.2	01Jan2006, 12:19	54.61
J_WCT13_4	0.2575	382.83	01Jan2006, 12:11	34.98
J_WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
J_WCT14_1	0.3417	552.47	01Jan2006, 12:15	52.87
J_WCT14_1_WC_24	14.6682	2232.29	01Jan2006, 16:39	1821.6
J_WCT14_2	0.2542	402.75	01Jan2006, 12:08	36.6
J_WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
J_WCT15_1	0.3746	551.22	01Jan2006, 12:09	71.46
J_WCT15_1_WC_25	14.269	2217.55	01Jan2006, 16:06	1775.14

J_WCT15_2	0.2481	347.6	01Jan2006, 12:22	41.04
J_WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
J_WCT16_1	0.305	365.81	01Jan2006, 12:20	33.03
J_WCT16_1_WC_26	13.5417	2183.57	01Jan2006, 15:09	1660.28
J_WCT16_2	0.2939	361.37	01Jan2006, 12:17	31.74
J_WCT16_3	0.2106	348.37	01Jan2006, 12:09	23.94
J_WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
J_WCT17_1	1.0661	761.94	01Jan2006, 12:44	135.52
J_WCT17_1_WC_27	13.2146	2264.91	01Jan2006, 13:31	1632.7
J_WCT17_2	0.7076	614.19	01Jan2006, 12:33	104.06
J_WCT17_3	0.6196	756.44	01Jan2006, 12:16	90.19
J_WCT17_4	0.4336	511.08	01Jan2006, 12:14	64.87
J_WCT17_5	0.2541	303.94	01Jan2006, 12:31	37.7
J_WCT17_6	0.2078	412.93	01Jan2006, 12:16	31.07
J_WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
J_WCT18_1	0.5326	821.25	01Jan2006, 12:27	105.03
J_WCT18_2	0.3909	902.58	01Jan2006, 12:14	77.41
J_WCT18_3	0.2968	719.99	01Jan2006, 12:06	57.72
J_WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
J_WCT19_1	0.3147	483.93	01Jan2006, 12:09	52.32
J_WCT19_2	0.1616	274.21	01Jan2006, 12:13	31.08
J_WCT1_1	0.5662	665.15	01Jan2006, 12:27	79.77
J_WCT1_1_WC_2	45.4366	4891.89	01Jan2006, 21:26	3794.36
J_WCT1_2	0.2847	366.93	01Jan2006, 12:21	38.99
J_WCT1_3	0.2476	337.26	01Jan2006, 12:15	32.7
J_WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
J_WCT20_1	0.2318	602.37	01Jan2006, 12:15	49.68
J_WCT20_1_WC_32	7.3276	1589.24	01Jan2006, 15:11	1005.3
J_WCT20_2	0.2266	599.13	01Jan2006, 12:13	49.06
J_WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
J_WCT21_1	0.2359	256.04	01Jan2006, 12:07	39.32
J_WCT21_2	0.2181	238.45	01Jan2006, 12:05	38
J_WCT21_3	0.1657	129.72	01Jan2006, 12:24	29.03
J_WCT22_1	0.5905	557.5	01Jan2006, 13:00	131.02
J_WCT22_1_WC_34	5.2179	2888.09	01Jan2006, 13:08	952.02
J_WCT22_2	0.5242	686.76	01Jan2006, 12:23	119.34
J_WCT22_3	0.347	434.15	01Jan2006, 12:27	85.89
J_WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
J_WCT23_1	0.2075	382.2	01Jan2006, 12:18	35.3
J_WCT23_2	0.2045	380.05	01Jan2006, 12:15	34.67
J_WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
J_WCT24_1	0.682	848.78	01Jan2006, 12:39	107.85
J_WCT24_1_WC_36	4.3244	2381.43	01Jan2006, 12:42	768.93
J_WCT24_2	0.6657	843.31	01Jan2006, 12:36	104.86
J_WCT24_3	0.5429	771.65	01Jan2006, 12:22	87.19
J_WCT24_4	0.2916	472.94	01Jan2006, 12:15	47.41
J_WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
J_WCT25_1	0.1626	309.6	01Jan2006, 12:10	26.09
J_WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
J_WCT26_1	0.3096	254.52	01Jan2006, 12:35	48.85

J_WCT26_1_WC_40	2.3827	2323.81	01Jan2006, 12:37	435.34
J_WCT26_2	0.2949	246.27	01Jan2006, 12:34	45.64
J_WCT26_3	0.1835	159.05	01Jan2006, 12:26	24.35
J_WCT2_1	0.3015	300.3	01Jan2006, 12:19	31.34
J_WCT2_1_WC_3	44.7186	4943.68	01Jan2006, 20:36	3972.92
J_WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
J_WCT3_1	0.2856	243.73	01Jan2006, 12:20	31.67
J_WCT3_1_WC_4	44.2575	5080.39	01Jan2006, 14:22	4172.56
J_WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
J_WCT4_1	0.2291	247.5	01Jan2006, 12:20	23.3
J_WCT4_1_WC_6	30.7779	4482.97	01Jan2006, 18:52	3135.55
J_WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
J_WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
J_WCT5_1_1	0.4649	579.32	01Jan2006, 12:30	80.73
J_WCT5_1_1_WC_7	30.4782	4545.82	01Jan2006, 18:15	3270.72
J_WCT5_1_2_WCT5A_1	0.2816	457.14	01Jan2006, 12:19	47.01
J_WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
J_WCT6_1	0.3532	562.34	01Jan2006, 12:14	51.68
J_WCT6_1_WC_8	29.7566	4543.69	01Jan2006, 17:50	3230.92
J_WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
J_WCT7_1	0.3685	478.97	01Jan2006, 12:22	56.41
J_WCT7_1_WC_12	28.2391	4791.33	01Jan2006, 16:13	3511.01
J_WCT7_2	0.2674	393.83	01Jan2006, 12:15	41.8
J_WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
J_WCT8A_1	0.272	428.57	01Jan2006, 12:19	44.2
J_WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
J_WCT8_1	1.5766	1300.48	01Jan2006, 12:59	252.16
J_WCT8_1_WC_13	27.8626	4778.37	01Jan2006, 16:02	3491.46
J_WCT8_2	1.394	1215.88	01Jan2006, 12:46	205.5
J_WCT8_3	1.2056	1170.1	01Jan2006, 12:31	174.08
J_WCT8_4	0.769	658.49	01Jan2006, 12:30	102.65
J_WCT8_4_WCT8A_1	1.041	1020.88	01Jan2006, 12:25	146.85
J_WCT8_5	0.5591	482.81	01Jan2006, 12:33	71.2
J_WCT8_6	0.3137	336.6	01Jan2006, 12:26	37.23
J_WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
J_WCT9_1	0.6223	777.5	01Jan2006, 12:40	102.22
J_WCT9_1_WC_14	26.1525	4731.78	01Jan2006, 15:36	3331.83
J_WCT9_2	0.5992	772.13	01Jan2006, 12:36	99.1
J_WCT9_3	0.522	745.97	01Jan2006, 12:27	86.03
J_WCT9_4	0.3752	651.72	01Jan2006, 12:18	62.41
J_WCT9_5	0.326	591.7	01Jan2006, 12:13	54.55
J_WCT9_6	0.155	311.42	01Jan2006, 12:10	25.65
J_WC_10_WC_9	29.3935	4530.27	01Jan2006, 17:40	3250.29
J_WC_11	28.8018	4591.99	01Jan2006, 17:03	3408.12
J_WC_12	27.8706	4764.84	01Jan2006, 16:13	3454.59
J_WC_13	26.286	4644.83	01Jan2006, 16:04	3239.3
J_WC_14	25.5302	4676.88	01Jan2006, 15:37	3229.61
J_WC_15	25.1716	4645.9	01Jan2006, 15:34	3173.62
J_WC_15_WCT10_1	25.5027	4676.36	01Jan2006, 15:34	3232.42
J_WC_16	25.1434	4644.72	01Jan2006, 15:31	3174.68

J_WC_17	24.6048	4863.59	01Jan2006, 14:50	3121.02
J_WC_17_GB_1	25.0057	4904.29	01Jan2006, 14:50	3188.84
J_WC_18	23.4685	5274.06	01Jan2006, 14:08	3075.7
J_WC_19	22.9079	5810.47	01Jan2006, 13:35	3106.32
J_WC_2	44.8703	4872.18	01Jan2006, 21:26	3714.59
J_WC_20	20.4802	4632.31	01Jan2006, 13:37	2733.46
J_WC_21	17.301	2717.7	01Jan2006, 13:16	2189.02
J_WC_22	16.0026	2430.42	01Jan2006, 12:44	1987.93
J_WC_23	15.2503	2323.04	01Jan2006, 12:29	1890.37
J_WC_24	14.3265	2210.83	01Jan2006, 16:41	1768.74
J_WC_25	13.8944	2188.55	01Jan2006, 16:13	1703.68
J_WC_26	13.2367	2161.75	01Jan2006, 15:27	1627.24
J_WC_27	12.1485	2074.1	01Jan2006, 15:41	1497.17
J_WC_28_WCT18_1	12.1198	4949.38	01Jan2006, 12:30	1838.27
J_WC_29	9.1984	1793.55	01Jan2006, 15:24	1282.19
J_WC_29_BushB_1	11.1171	3860.25	01Jan2006, 12:39	1628.7
J_WC_3	44.4171	4934.34	01Jan2006, 20:36	3941.58
J_WC_30	7.738	1620.55	01Jan2006, 15:21	1063.14
J_WC_31	7.3369	1589.34	01Jan2006, 15:14	1005.33
J_WC_31_WCT19_1	7.6516	1617.47	01Jan2006, 15:14	1057.64
J_WC_32	7.0958	1565.59	01Jan2006, 15:12	955.62
J_WC_33_WCT21_1	6.9932	4639.83	01Jan2006, 12:24	1224.52
J_WC_34	4.6274	2341.94	01Jan2006, 13:49	821
J_WC_35	4.3433	2356.4	01Jan2006, 12:49	772.74
J_WC_35_WCT23_1	4.5508	2452.66	01Jan2006, 12:45	808.04
J_WC_36	3.6423	2173.53	01Jan2006, 13:40	661.08
J_WC_37	3.188	2151.11	01Jan2006, 13:12	576.43
J_WC_38	3.133	2186.13	01Jan2006, 13:02	568.11
J_WC_39	2.4774	2236.83	01Jan2006, 12:49	449.27
J_WC_4	43.9719	5053.11	01Jan2006, 14:23	4140.9
J_WC_40	2.073	2069.57	01Jan2006, 12:37	386.49
J_WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
J_WC_5	31.3762	4479.66	01Jan2006, 19:24	3046.15
J_WC_6	30.5488	4474	01Jan2006, 18:53	3112.26
J_WC_7	30.0134	4519.53	01Jan2006, 18:15	3189.98
J_WC_8	29.4034	4524.54	01Jan2006, 17:50	3179.24
J_WildBT1_1	0.5965	875.29	01Jan2006, 12:17	110.63
J_WildBT1_1_WildB_5	1.3893	1489.97	01Jan2006, 12:25	219.96
J_WildBT1_2	0.5604	829.66	01Jan2006, 12:14	104.05
J_WildBT1_3	0.3855	577.77	01Jan2006, 12:14	77.9
J_WildBT1_4	0.2021	245.32	01Jan2006, 12:25	42.42
J_WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
J_WildBT2_1	0.1817	175.39	01Jan2006, 12:22	19.84
J_WildBT2_1_WildB_6	0.7574	819.25	01Jan2006, 12:30	105.48
J_WildBT2_2	0.1578	152.38	01Jan2006, 12:18	16.43
J_WildB_1	2.086	1174.03	01Jan2006, 13:25	362.62
J_WildB_1_WC_20	22.5662	5773.3	01Jan2006, 13:30	3096.07
J_WildB_2	1.9683	1151.4	01Jan2006, 13:23	336.42
J_WildB_3	1.7985	1119.22	01Jan2006, 13:15	295.75
J_WildB_4	1.5056	1626.62	01Jan2006, 12:32	243.94

J_WildB_5	0.7927	830.86	01Jan2006, 12:36	109.33
J_WildB_6	0.5757	666.48	01Jan2006, 12:32	85.64
J_WildB_7	0.5209	636.65	01Jan2006, 12:25	78.77
J_WildB_8	0.1817	246.98	01Jan2006, 12:18	26.73
J_WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29
J_WtsnB_1	1.0213	1356.06	01Jan2006, 12:42	174.96
J_WtsnB_1_WC_18	24.4898	5429.15	01Jan2006, 14:06	3250.66
J_WtsnB_2	0.2643	377.34	01Jan2006, 12:04	43.75
J_WtsnB_2_CB_1	0.9036	1298.19	01Jan2006, 12:26	153.75
J_WtsnB_3	0.1687	223.41	01Jan2006, 12:19	26.06
J_WtsnB_4	0.1534	216.83	01Jan2006, 12:17	23.78
Lake Raleigh	12.1198	2072.4	01Jan2006, 15:32	1552.69
Lake_Johnson	6.9932	1558.38	01Jan2006, 15:07	971.11
PBT1_1	0.0066	7	01Jan2006, 12:06	0.53
PBT1_2	0.1682	97.54	01Jan2006, 12:17	11.75
PB_1	0.1751	185.69	01Jan2006, 12:20	22.15
PB_2	0.154	130.12	01Jan2006, 12:19	15.33
PB_3	0.3848	412.66	01Jan2006, 12:26	55.54
PB_4_1	0.1089	113.64	01Jan2006, 12:17	12.58
PB_4_2	0.1638	138.37	01Jan2006, 12:26	18.85
Pineview Dr	0.7737	599.7	01Jan2006, 12:41	126.51
PoplarBranch_I40	0.1638	137.54	01Jan2006, 12:28	18.85
Priv_1001_UnderwoodPond_WCT8	0.3137	336.6	01Jan2006, 12:26	37.23
Private15_Ileagnes_WCT12	0.4333	267.95	01Jan2006, 12:44	63.08
Private23_GolfCourseC_WCT12	0.1614	215.6	01Jan2006, 12:24	25.65
Private36_GolfCourseA_WCT12B	0.0844	186.63	01Jan2006, 12:07	13.45
RBT1_1	0.0469	144.25	01Jan2006, 12:01	8.9
RBT1_2	0.0428	166.97	01Jan2006, 11:58	9.53
RBT1_3	0.1685	582.96	01Jan2006, 12:01	37.38
RB_1	0.0507	155.91	01Jan2006, 12:05	12.32
RB_10	0.2635	646.62	01Jan2006, 12:05	46.89
RB_11	0.265	604.68	01Jan2006, 12:08	50.44
RB_12	0.2971	501.46	01Jan2006, 12:19	59.08
RB_13	0.1292	243.71	01Jan2006, 12:06	18.36
RB_14	0.1534	303.55	01Jan2006, 12:09	26.31
RB_15	0.0896	224.83	01Jan2006, 12:04	15.77
RB_16	0.0931	256.36	01Jan2006, 12:05	19.21
RB_17	0.1645	360.6	01Jan2006, 12:05	26.35
RB_2	0.1911	337.27	01Jan2006, 12:12	32.65
RB_3	0.1736	442.65	01Jan2006, 12:07	37.16
RB_4	0.2129	485.91	01Jan2006, 12:11	47.79
RB_5	0.0463	81.44	01Jan2006, 12:03	5.38
RB_6	0.1078	335.9	01Jan2006, 12:03	23.04
RB_7	0.1644	290.8	01Jan2006, 12:06	22.14
RB_8	0.1732	453.23	01Jan2006, 12:08	39.22
RB_9	0.3123	471.68	01Jan2006, 12:10	41.26
R_BBT1_1	5.3988	1871.79	01Jan2006, 13:23	614.15
R_BBT1_2	3.9284	1350.58	01Jan2006, 13:55	437.61
R_BBT2_1_1	0.2702	345.15	01Jan2006, 12:34	34.16
R_BBT2_1_2	0.2702	345.15	01Jan2006, 12:23	34.28

R_BBT2_2	0.1698	250.24	01Jan2006, 12:17	22.13
R_BBT2_3	0.16	242.99	01Jan2006, 12:11	20.9
R_BBT3A_1	0.2052	218.9	01Jan2006, 12:21	23.04
R_BBT3_1	0.9359	890.58	01Jan2006, 12:53	112.86
R_BBT3_2	0.6816	768.33	01Jan2006, 12:38	79.68
R_BBT3_3	0.2998	430.48	01Jan2006, 12:27	40.32
R_BBT3_4	0.1852	309.71	01Jan2006, 12:18	27.62
R_BBT4A_1	0.2035	270.57	01Jan2006, 12:11	22.34
R_BBT4_1	0.7267	510.79	01Jan2006, 12:40	68.46
R_BBT4_2	0.176	182.37	01Jan2006, 12:29	14.44
R_BBT5_1	0.7384	441.98	01Jan2006, 12:51	79.92
R_BBT5_2	0.6041	393.07	01Jan2006, 12:47	69.49
R_BB_1	11.6903	4749.78	01Jan2006, 13:33	1294.59
R_BB_2	5.3834	2563.51	01Jan2006, 13:11	569.94
R_BB_3	4.7639	2293.54	01Jan2006, 13:07	490.77
R_BB_4	3.3443	1550.91	01Jan2006, 13:06	330.25
R_BB_5	2.1187	1125.33	01Jan2006, 13:05	214.71
R_BB_6	2.1128	1124.31	01Jan2006, 12:51	215.21
R_BushBT1_1	0.2777	567.53	01Jan2006, 12:22	57.06
R_BushBT1_2	0.1465	318.68	01Jan2006, 12:17	32.26
R_BushBT3_1	0.1883	580.54	01Jan2006, 12:07	39.8
R_BushBT4_1	0.4202	1159.07	01Jan2006, 12:14	81.64
R_BushBT5_1	0.1609	398.9	01Jan2006, 12:12	30.96
R_BushB_1	1.7003	1910.95	01Jan2006, 12:40	304.78
R_BushB_2	1.149	1297.66	01Jan2006, 13:02	207.54
R_BushB_3_1	0.972	1237.02	01Jan2006, 12:52	179.69
R_BushB_3_2	0.972	1276.99	01Jan2006, 12:43	179.77
R_BushB_4_1	0.972	1276.99	01Jan2006, 12:39	179.95
R_BushB_4_2	0.8692	2034.3	01Jan2006, 12:19	163.45
R_CBT1_1	0.1876	423.22	01Jan2006, 12:13	35.93
R_CBT1_2	0.1693	407.91	01Jan2006, 12:10	33.04
R_CB_1	0.5958	1031.28	01Jan2006, 12:27	102.36
R_CB_2	0.5256	999.09	01Jan2006, 12:21	91.59
R_CB_3	0.1677	311.8	01Jan2006, 12:15	28.46
R_GB_1	0.1663	298.78	01Jan2006, 12:25	25.33
R_PBT1_1	0.1682	97.54	01Jan2006, 12:20	11.74
R_PB_1	0.9862	710.93	01Jan2006, 12:50	113.65
R_PB_2	0.8323	637.02	01Jan2006, 12:40	98.71
R_PB_3	0.2727	238.52	01Jan2006, 12:47	31.17
R_RBT1_1	0.2113	701.64	01Jan2006, 12:11	46.78
R_RBT1_2	0.1685	582.96	01Jan2006, 12:04	37.35
R_RB_1	3.0953	2007.73	01Jan2006, 13:29	557.01
R_RB_10	1.1918	1423.87	01Jan2006, 12:42	213.64
R_RB_11	0.9269	1257.46	01Jan2006, 12:35	163.78
R_RB_12	0.6298	823.99	01Jan2006, 12:30	105.06
R_RB_13	0.5006	739.51	01Jan2006, 12:25	86.87
R_RB_14_1	0.3472	504.26	01Jan2006, 12:19	60.76
R_RB_14_2	0.3472	514.07	01Jan2006, 12:17	60.8
R_RB_15	0.2576	313.13	01Jan2006, 12:10	45.2
R_RB_16_1	0.1645	157.13	01Jan2006, 12:27	26.02

R_RB_16_2	0.1645	157.13	01Jan2006, 12:19	26.08
R_RB_2	2.9041	1971.87	01Jan2006, 13:27	524.82
R_RB_3	2.7305	2097.19	01Jan2006, 12:52	490.15
R_RB_4	2.5176	1986.18	01Jan2006, 12:49	443.03
R_RB_5	2.4713	1977.47	01Jan2006, 12:48	437.77
R_RB_6	2.3635	1943.87	01Jan2006, 12:42	415.45
R_RB_7	1.9409	1741.65	01Jan2006, 12:34	338.6
R_RB_8	1.7677	1600.74	01Jan2006, 12:50	300.69
R_RB_9	1.4554	1511.36	01Jan2006, 12:52	259.68
R_SB_1	1.1695	830.83	01Jan2006, 12:41	188.44
R_SB_2	1.0274	787.59	01Jan2006, 12:31	166.39
R_SB_3	0.7737	599.35	01Jan2006, 12:43	126.34
R_SB_4	0.5468	397.18	01Jan2006, 12:52	89.22
R_SB_7	0.1701	311.64	01Jan2006, 12:19	32.21
R_WCT10_1	0.2318	319.32	01Jan2006, 12:30	38.31
R_WCT11_1	0.449	535.55	01Jan2006, 12:37	62.99
R_WCT11_2	0.16	162.42	01Jan2006, 12:27	17.39
R_WCT12A_1	0.2173	403.51	01Jan2006, 12:22	35.55
R_WCT12A_2	0.1534	271.95	01Jan2006, 12:13	23.53
R_WCT12B_1	0.0844	186.63	01Jan2006, 12:12	13.43
R_WCT12_1	0.9312	505.02	01Jan2006, 13:01	141.48
R_WCT12_2	0.8193	662.91	01Jan2006, 12:30	128.14
R_WCT12_3	0.8089	657.05	01Jan2006, 12:25	126.48
R_WCT12_4	0.4333	267.95	01Jan2006, 12:53	62.9
R_WCT12_5_1	0.191	225.72	01Jan2006, 12:31	29.73
R_WCT12_5_2	0.2754	184.48	01Jan2006, 12:52	42.46
R_WCT13_1	0.5049	325.86	01Jan2006, 13:02	65.61
R_WCT13_2	0.4078	562.2	01Jan2006, 12:27	54.47
R_WCT13_3	0.2575	382.83	01Jan2006, 12:21	34.87
R_WCT13_4	0.1561	220.66	01Jan2006, 12:14	20.37
R_WCT14_1	0.2542	402.75	01Jan2006, 12:18	36.49
R_WCT14_2_1	0.1748	243.44	01Jan2006, 12:14	21.43
R_WCT14_2_2	0.1748	243.44	01Jan2006, 12:10	21.46
R_WCT15_1	0.2481	347.6	01Jan2006, 12:31	40.94
R_WCT15_2	0.1794	294.15	01Jan2006, 12:18	28.26
R_WCT16_1	0.2939	361.37	01Jan2006, 12:20	31.71
R_WCT16_2	0.2106	348.37	01Jan2006, 12:14	23.9
R_WCT16_3	0.1646	300.6	01Jan2006, 12:09	19.54
R_WCT17_1	0.7076	614.19	01Jan2006, 12:56	103.33
R_WCT17_2	0.6196	756.44	01Jan2006, 12:18	90.14
R_WCT17_3	0.4336	511.08	01Jan2006, 12:19	64.77
R_WCT17_4	0.2541	303.94	01Jan2006, 12:34	37.67
R_WCT17_5	0.2078	412.93	01Jan2006, 12:23	31.01
R_WCT17_7	0.1909	402.35	01Jan2006, 12:16	28.6
R_WCT18_1	0.3909	902.58	01Jan2006, 12:21	77.28
R_WCT18_2	0.2968	719.99	01Jan2006, 12:15	57.59
R_WCT18_3	0.2071	517.02	01Jan2006, 12:08	42.34
R_WCT19_1	0.1616	274.21	01Jan2006, 12:23	31
R_WCT1_1	0.2847	366.93	01Jan2006, 12:31	38.87
R_WCT1_2	0.2476	337.26	01Jan2006, 12:22	32.62

R_WCT1_3	0.1611	221.5	01Jan2006, 12:16	21.23
R_WCT20_1	0.2266	599.13	01Jan2006, 12:15	49.03
R_WCT20_2	0.169	485.84	01Jan2006, 12:14	37.65
R_WCT21_1	0.2181	238.45	01Jan2006, 12:08	37.97
R_WCT21_2	0.1657	129.72	01Jan2006, 12:29	28.99
R_WCT22_1	0.5242	686.76	01Jan2006, 12:35	119.02
R_WCT22_2	0.347	434.15	01Jan2006, 12:36	85.72
R_WCT22_3	0.2027	581.7	01Jan2006, 12:10	48.84
R_WCT23_1	0.2045	380.05	01Jan2006, 12:18	34.64
R_WCT23_2	0.1653	325.87	01Jan2006, 12:16	26.88
R_WCT24_1	0.6657	843.31	01Jan2006, 12:39	104.77
R_WCT24_2	0.5429	771.65	01Jan2006, 12:37	86.81
R_WCT24_3	0.2916	444.56	01Jan2006, 12:27	47.23
R_WCT24_4	0.1858	374.94	01Jan2006, 12:18	31.71
R_WCT25_1	0.1569	298.32	01Jan2006, 12:11	25
R_WCT26_1	0.2949	246.27	01Jan2006, 12:38	45.58
R_WCT26_2	0.1835	159.05	01Jan2006, 12:34	24.28
R_WCT2_1	0.1566	157.99	01Jan2006, 12:20	15.41
R_WCT3_1	0.1582	126.58	01Jan2006, 12:30	16.02
R_WCT4_1	0.1483	184.75	01Jan2006, 12:21	16.08
R_WCT5A_1	0.1308	269.56	01Jan2006, 12:10	22.7
R_WCT5_1_1	0.2816	457.14	01Jan2006, 12:34	46.81
R_WCT5_1_2	0.1508	292.17	01Jan2006, 12:24	24.31
R_WCT6_1	0.152	259.87	01Jan2006, 12:15	22.2
R_WCT7_1	0.2674	393.83	01Jan2006, 12:25	41.68
R_WCT7_2	0.2009	297.24	01Jan2006, 12:17	31.83
R_WCT7_2_1	0.2009	297.24	01Jan2006, 12:18	31.82
R_WCT8A_1	0.1499	240.53	01Jan2006, 12:19	23.07
R_WCT8_1	1.394	1215.88	01Jan2006, 12:59	204.68
R_WCT8_2	1.2056	1170.1	01Jan2006, 12:42	173.48
R_WCT8_3	1.041	1020.88	01Jan2006, 12:33	146.48
R_WCT8_4	0.5591	482.81	01Jan2006, 12:50	70.8
R_WCT8_5	0.3137	336.6	01Jan2006, 12:37	37.09
R_WCT8_6	0.1524	216.59	01Jan2006, 12:21	20.54
R_WCT9_1	0.5992	772.13	01Jan2006, 12:40	98.99
R_WCT9_2	0.522	745.97	01Jan2006, 12:37	85.79
R_WCT9_3	0.3752	651.72	01Jan2006, 12:24	62.3
R_WCT9_4	0.326	591.7	01Jan2006, 12:19	54.46
R_WCT9_5	0.155	311.42	01Jan2006, 12:12	25.64
R_WC_1	45.4366	4751.01	01Jan2006, 22:43	3271.92
R_WC_11	28.2391	4555.57	01Jan2006, 17:03	3309.12
R_WC_12	27.8626	4764.32	01Jan2006, 16:13	3453.36
R_WC_13	26.1525	4635.11	01Jan2006, 16:04	3217.42
R_WC_14	25.5027	4674.8	01Jan2006, 15:37	3225.38
R_WC_15	25.1434	4643.3	01Jan2006, 15:34	3166.58
R_WC_16	25.0057	4631.1	01Jan2006, 15:31	3140.13
R_WC_17	24.4898	4850.37	01Jan2006, 14:50	3092.7
R_WC_18	23.3569	5260.99	01Jan2006, 14:08	3058.91
R_WC_19	22.5662	5750.44	01Jan2006, 13:36	3043
R_WC_2	44.7186	4867.06	01Jan2006, 21:26	3694.48

R_WC_20	20.4469	4627.07	01Jan2006, 13:37	2725.97
R_WC_21	17.14	2679.41	01Jan2006, 13:17	2159.82
R_WC_22	15.9359	2403.05	01Jan2006, 12:44	1973.44
R_WC_23	14.6682	2200.31	01Jan2006, 17:29	1782.46
R_WC_24	14.269	2206.65	01Jan2006, 16:41	1756.01
R_WC_25	13.5417	2162.73	01Jan2006, 16:18	1635.57
R_WC_26	13.2146	2159.67	01Jan2006, 15:28	1621.74
R_WC_27	12.1198	2071.5	01Jan2006, 15:41	1489.88
R_WC_29	8.9555	1772.53	01Jan2006, 15:25	1244.3
R_WC_3	44.2575	4928.47	01Jan2006, 20:36	3918.06
R_WC_30	7.6516	1613.43	01Jan2006, 15:21	1049.6
R_WC_31	7.3276	1588.59	01Jan2006, 15:14	1003.98
R_WC_32	6.9932	1557.06	01Jan2006, 15:12	940.8
R_WC_34	4.5508	2330.97	01Jan2006, 13:49	805.06
R_WC_35	4.3244	2351.03	01Jan2006, 12:49	768.51
R_WC_36	3.3506	2118.94	01Jan2006, 13:41	601.58
R_WC_37	3.133	2141.88	01Jan2006, 13:13	568.04
R_WC_38	2.4774	1824.41	01Jan2006, 13:12	448.64
R_WC_39	2.3827	2212.44	01Jan2006, 12:49	433.49
R_WC_4	43.4338	5003.28	01Jan2006, 14:23	4076.99
R_WC_40	1.9907	2023.65	01Jan2006, 12:37	374.26
R_WC_41	0.8865	810.75	01Jan2006, 13:23	151.54
R_WC_5	30.7779	4456.6	01Jan2006, 19:25	2983.59
R_WC_6	30.4782	4470.79	01Jan2006, 18:53	3102.4
R_WC_7	29.7566	4505	01Jan2006, 18:16	3143.22
R_WC_8	29.3935	4524.05	01Jan2006, 17:50	3177.93
R_WC_9	28.8018	4496.2	01Jan2006, 17:41	3161.11
R_WildBT1_1	0.5604	829.66	01Jan2006, 12:18	103.94
R_WildBT1_2	0.3855	577.77	01Jan2006, 12:19	77.8
R_WildBT1_3	0.2021	245.32	01Jan2006, 12:33	42.33
R_WildBT1_4	0.1682	421.03	01Jan2006, 12:12	34.35
R_WildBT2_1	0.1578	152.38	01Jan2006, 12:24	16.39
R_WildB_1	1.9683	1151.4	01Jan2006, 13:25	336.23
R_WildB_2	1.7985	1119.22	01Jan2006, 13:20	295.33
R_WildB_3	1.5056	1626.62	01Jan2006, 12:44	243.1
R_WildB_4	1.3893	1489.97	01Jan2006, 12:35	219.32
R_WildB_5	0.7574	819.25	01Jan2006, 12:36	105.28
R_WildB_6	0.5209	636.65	01Jan2006, 12:33	78.58
R_WildB_7	0.1817	246.98	01Jan2006, 12:24	26.69
R_WildB_8	0.1569	235.76	01Jan2006, 12:18	23.25
R_WtsnB_1	0.9036	1298.19	01Jan2006, 12:42	153.07
R_WtsnB_2	0.1687	197.96	01Jan2006, 12:32	26.03
R_WtsnB_3	0.1534	216.83	01Jan2006, 12:19	23.77
RockyTrib1 Generic Reservoir	0.2582	252.29	01Jan2006, 12:24	55.15
SB_1	0.0481	160.92	01Jan2006, 12:01	10.1
SB_2	0.142	301.48	01Jan2006, 12:06	22.32
SB_3	0.2538	371.02	01Jan2006, 12:16	40.22
SB_4	0.2269	270.45	01Jan2006, 12:27	37.29
SB_5	0.0267	73.49	01Jan2006, 12:03	4.83
SB_6	0.103	193.75	01Jan2006, 12:10	16.89

SB_7	0.247	277.32	01Jan2006, 12:30	40.42
SB_8	0.1701	314.45	01Jan2006, 12:14	32.31
SCM A	0.0168	13.01	01Jan2006, 12:31	3.29
SCM B	0.0239	39.85	01Jan2006, 12:04	4.83
SCM C	0.0121	18.52	01Jan2006, 12:04	2.81
SCM D	0.0113	3.41	01Jan2006, 12:34	2.16
Sub 2 to SCM B	0.0239	108.96	01Jan2006, 11:56	6.43
Sub 3 to SCM C	0.0121	55.16	01Jan2006, 11:56	3.25
Sub 4 to SCM D	0.0113	51.47	01Jan2006, 11:56	3.04
WCLAKRA_LakeRaleighA_WCT18	0.5326	821.25	01Jan2006, 12:27	105.03
WCT10_1	0.0994	192.15	01Jan2006, 12:15	20.49
WCT10_2	0.2318	319.46	01Jan2006, 12:20	38.42
WCT10_MLK	0.2318	319.32	01Jan2006, 12:21	38.41
WCT11_1	0.107	212.78	01Jan2006, 12:11	20.05
WCT11_2	0.182	261.33	01Jan2006, 12:13	25.87
WCT11_3	0.16	162.42	01Jan2006, 12:16	17.46
WCT11_I40	0.449	535.55	01Jan2006, 12:21	63.3
WCT12A_1	0.0701	194.63	01Jan2006, 12:05	14.81
WCT12A_2	0.0638	132.84	01Jan2006, 12:10	12.11
WCT12A_3	0.1534	271.95	01Jan2006, 12:10	23.56
WCT12B_1	0.0844	199.43	01Jan2006, 12:04	13.52
WCT12_1	0.2062	550.48	01Jan2006, 12:08	48.49
WCT12_2	0.0529	84.55	01Jan2006, 12:12	8.08
WCT12_3	0.0104	28.56	01Jan2006, 12:03	1.89
WCT12_4	0.0882	173.71	01Jan2006, 12:07	13.34
WCT12_5_1	0.1579	201	01Jan2006, 12:17	21.98
WCT12_5_2	0.0296	74.33	01Jan2006, 11:59	4.14
WCT12_6	0.1614	241.69	01Jan2006, 12:16	25.99
WCT12_I40	1.1374	563.09	01Jan2006, 13:02	189.51
WCT12_RR_Xsing	0.2754	184.48	01Jan2006, 12:48	42.51
WCT12_SouthSaundersSt	0.9312	505.02	01Jan2006, 12:51	141.92
WCT13_1	0.1616	250.4	01Jan2006, 12:19	29.71
WCT13_2	0.0971	202.3	01Jan2006, 12:07	15.79
WCT13_3	0.1502	196.73	01Jan2006, 12:14	19.75
WCT13_4	0.1014	185.87	01Jan2006, 12:07	14.61
WCT13_5	0.1561	220.66	01Jan2006, 12:11	20.39
WCT13_I40	0.6855	375.93	01Jan2006, 13:08	96.59
WCT13_RRXsing	0.6855	376.34	01Jan2006, 13:07	96.59
WCT14_1	0.0875	192.49	01Jan2006, 12:09	16.37
WCT14_2	0.0794	212.48	01Jan2006, 12:04	15.18
WCT14_3	0.1748	311.38	01Jan2006, 12:04	21.48
WCT15_1	0.1265	372.15	01Jan2006, 12:06	30.52
WCT15_2	0.0686	168.88	01Jan2006, 12:06	12.79
WCT15_3	0.1794	294.15	01Jan2006, 12:12	28.3
WCT15_I40	0.2481	347.6	01Jan2006, 12:22	41.04
WCT16_1	0.0111	22.48	01Jan2006, 12:01	1.32
WCT16_2	0.0834	138.73	01Jan2006, 12:00	8.03
WCT16_3	0.0459	48.23	01Jan2006, 12:11	4.4
WCT16_4	0.1646	300.6	01Jan2006, 12:03	19.58
WCT17_1	0.3585	218.62	01Jan2006, 12:28	32.2

WCT17_2	0.088	194.5	01Jan2006, 12:05	13.96
WCT17_3	0.186	272.63	01Jan2006, 12:12	25.42
WCT17_4	0.1796	300.43	01Jan2006, 12:11	27.2
WCT17_5	0.0463	95.11	01Jan2006, 12:05	6.7
WCT17_6	0.0169	40.89	01Jan2006, 12:01	2.47
WCT17_7	0.1909	402.35	01Jan2006, 12:05	28.7
WCT17_I40	0.7076	614.19	01Jan2006, 12:33	104.06
WCT17_LineberryDr	0.2541	303.94	01Jan2006, 12:31	37.7
WCT18_1	0.1417	469.24	01Jan2006, 12:00	28.06
WCT18_2	0.0941	247.17	01Jan2006, 12:06	19.83
WCT18_3	0.0897	231.44	01Jan2006, 12:03	15.38
WCT18_4	0.2071	517.02	01Jan2006, 12:07	42.35
WCT19_1	0.153	275.04	01Jan2006, 12:07	21.32
WCT19_2	0.1616	429.25	01Jan2006, 12:05	31.08
WCT19_Thistledown	0.1616	274.21	01Jan2006, 12:13	31.08
WCT1_1	0.2815	361.28	01Jan2006, 12:18	40.9
WCT1_2	0.0371	88.48	01Jan2006, 12:05	6.37
WCT1_3	0.0866	119.7	01Jan2006, 12:12	11.47
WCT1_4	0.1611	221.5	01Jan2006, 12:12	21.26
WCT20_1	0.0052	10.57	01Jan2006, 12:02	0.65
WCT20_2	0.0576	142.39	01Jan2006, 12:07	11.4
WCT20_3	0.169	485.84	01Jan2006, 12:05	37.73
WCT21_1	0.0178	18.81	01Jan2006, 12:04	1.35
WCT21_2	0.0524	133.56	01Jan2006, 12:03	9.01
WCT21_3	0.1657	376.33	01Jan2006, 12:06	29.04
WCT21_I40	0.1657	129.72	01Jan2006, 12:24	29.03
WCT22_1	0.0664	137.55	01Jan2006, 12:09	12
WCT22_2	0.1772	295.46	01Jan2006, 12:18	33.62
WCT22_3	0.1443	359.15	01Jan2006, 12:11	37.19
WCT22_4	0.2027	581.7	01Jan2006, 12:06	48.88
WCT22_I40_US	0.347	434.15	01Jan2006, 12:27	85.89
WCT22_I440_DS	0.5905	557.5	01Jan2006, 13:00	131.02
WCT23_1	0.003	10.52	01Jan2006, 12:00	0.67
WCT23_2	0.0392	108.29	01Jan2006, 12:04	7.79
WCT23_3	0.1653	325.87	01Jan2006, 12:08	26.94
WCT24_1	0.0164	44.88	01Jan2006, 12:03	3.08
WCT24_2	0.1228	193.69	01Jan2006, 12:12	18.05
WCT24_3	0.2513	373.65	01Jan2006, 12:16	39.96
WCT24_4	0.1057	229.43	01Jan2006, 12:04	15.7
WCT24_5	0.1858	374.94	01Jan2006, 12:09	31.78
WCT25_1	0.0057	15.66	01Jan2006, 12:04	1.09
WCT25_2	0.1569	298.32	01Jan2006, 12:09	25.02
WCT26_1	0.0147	39.64	01Jan2006, 12:07	3.27
WCT26_2	0.1115	251.63	01Jan2006, 12:10	22.9
WCT26_3	0.1835	256.84	01Jan2006, 12:12	24.38
WCT26_I40	0.2949	246.27	01Jan2006, 12:34	45.64
WCT26_WesternBlvd	0.1835	159.05	01Jan2006, 12:26	24.35
WCT2_1	0.145	143.74	01Jan2006, 12:17	15.93
WCT2_2	0.1566	157.99	01Jan2006, 12:13	15.45
WCT3_1	0.1274	157.4	01Jan2006, 12:13	15.65

WCT3_2	0.1582	126.58	01Jan2006, 12:22	16.06
WCT4_1	0.0808	68.34	01Jan2006, 12:14	7.21
WCT4_2	0.1483	184.75	01Jan2006, 12:10	16.15
WCT5A_1	0.1308	269.56	01Jan2006, 12:09	22.7
WCT5_1	0.1833	405.01	01Jan2006, 12:08	33.92
WCT5_2	0.1508	292.17	01Jan2006, 12:09	24.42
WCT6_1	0.2012	306.11	01Jan2006, 12:13	29.48
WCT6_2	0.152	259.87	01Jan2006, 12:09	22.24
WCT7_1	0.101	178.44	01Jan2006, 12:08	14.73
WCT7_2	0.0666	115.14	01Jan2006, 12:10	9.99
WCT7_3	0.2009	297.89	01Jan2006, 12:16	31.85
WCT8A_1	0.1221	189.09	01Jan2006, 12:17	21.13
WCT8A_2	0.1499	240.53	01Jan2006, 12:12	23.12
WCT8_1	0.1826	410.94	01Jan2006, 12:14	47.48
WCT8_2	0.1885	370.03	01Jan2006, 12:09	32.23
WCT8_3	0.1646	272.12	01Jan2006, 12:14	27.59
WCT8_4	0.2099	252.49	01Jan2006, 12:23	31.85
WCT8_5	0.2454	364.48	01Jan2006, 12:12	34.11
WCT8_6	0.1614	138.37	01Jan2006, 12:21	16.95
WCT8_7	0.1524	216.59	01Jan2006, 12:12	20.6
WCT8_I40	1.394	1215.88	01Jan2006, 12:46	205.5
WCT9_1	0.0231	53.03	01Jan2006, 12:01	3.23
WCT9_2	0.0772	199.05	01Jan2006, 12:03	13.31
WCT9_3	0.1468	288.18	01Jan2006, 12:08	23.78
WCT9_4	0.0492	101.32	01Jan2006, 12:07	7.95
WCT9_5	0.171	283.62	01Jan2006, 12:14	28.91
WCT9_6	0.155	317.43	01Jan2006, 12:08	25.66
WCT9_MLK	0.522	745.97	01Jan2006, 12:27	86.03
WCT9_PooleRd	0.155	311.42	01Jan2006, 12:10	25.65
WC_1	0.6191	699.58	01Jan2006, 12:24	91.51
WC_10	0.3731	420.77	01Jan2006, 12:24	54.96
WC_11	0.5628	1006.37	01Jan2006, 12:13	99
WC_12	0.008	19.33	01Jan2006, 12:02	1.23
WC_13	0.1335	255.18	01Jan2006, 12:09	21.88
WC_14	0.0276	62.15	01Jan2006, 12:04	4.23
WC_15	0.0282	95.4	01Jan2006, 12:03	7.04
WC_16	0.1376	335.57	01Jan2006, 12:11	34.55
WC_17	0.115	281.8	01Jan2006, 12:11	28.31
WC_18	0.1116	174.28	01Jan2006, 12:13	16.78
WC_19	0.3417	649.73	01Jan2006, 12:12	63.32
WC_2	0.1517	184.47	01Jan2006, 12:17	20.12
WC_20	0.0332	118.41	01Jan2006, 12:00	7.49
WC_21	0.076	114.51	01Jan2006, 12:16	12.35
WC_22	0.0499	160.72	01Jan2006, 12:03	11.2
WC_23	0.5254	814.04	01Jan2006, 12:20	99.34
WC_24	0.0575	157.29	01Jan2006, 12:06	12.73
WC_25	0.3527	841.42	01Jan2006, 12:07	68.11
WC_26	0.0221	78.92	01Jan2006, 12:02	5.51
WC_27	0.0287	94.3	01Jan2006, 12:04	7.29
WC_28	0.4701	1144.14	01Jan2006, 12:09	104.54

WC_29	0.2428	348.91	01Jan2006, 12:16	37.89
WC_3	0.1596	235.44	01Jan2006, 12:14	23.52
WC_30	0.0864	192.01	01Jan2006, 12:05	13.54
WC_31	0.0093	19.51	01Jan2006, 12:04	1.35
WC_32	0.1026	181.43	01Jan2006, 12:08	14.81
WC_33	1.5394	2050.7	01Jan2006, 12:18	233.19
WC_34	0.0766	233.38	01Jan2006, 12:03	15.94
WC_35	0.019	58.71	01Jan2006, 12:03	4.23
WC_36	0.2917	557.75	01Jan2006, 12:15	59.5
WC_37	0.055	126.3	01Jan2006, 12:03	8.38
WC_38	0.6557	828	01Jan2006, 12:29	119.47
WC_39	0.0947	219.1	01Jan2006, 12:05	15.79
WC_4	0.5381	631.53	01Jan2006, 12:14	63.91
WC_40	0.0823	133.37	01Jan2006, 12:11	12.23
WC_41	0.5422	1079.17	01Jan2006, 12:17	127.82
WC_42	0.5619	679	01Jan2006, 12:28	96.87
WC_43	0.8865	938.62	01Jan2006, 12:36	151.99
WC_5	0.5983	415.52	01Jan2006, 12:31	62.56
WC_6	0.0706	117.39	01Jan2006, 12:09	9.86
WC_7	0.2568	483.1	01Jan2006, 12:12	46.77
WC_8	0.0099	18.56	01Jan2006, 12:05	1.31
WC_9	0.2186	265.71	01Jan2006, 12:23	34.22
Watson Generic Reservoir	0.1687	197.96	01Jan2006, 12:27	26.06
White Oak Lake	0.5201	391.42	01Jan2006, 12:46	84.64
WildBT1_1	0.0362	89.59	01Jan2006, 12:05	6.68
WildBT1_2	0.1749	310.22	01Jan2006, 12:09	26.25
WildBT1_3	0.1834	365.86	01Jan2006, 12:12	35.57
WildBT1_4	0.0339	120.36	01Jan2006, 12:01	8.09
WildBT1_5	0.1682	421.03	01Jan2006, 12:07	34.39
WildBT2_1	0.0239	39.82	01Jan2006, 12:10	3.44
WildBT2_2	0.1578	174.32	01Jan2006, 12:12	16.43
WildBTrb1_Tryon_And_Chapanoke	0.2021	245.32	01Jan2006, 12:25	42.42
WildB_1	0.1177	316.58	01Jan2006, 12:07	26.38
WildB_2	0.1698	395.33	01Jan2006, 12:12	41.1
WildB_3	0.2929	428.41	01Jan2006, 12:21	52.89
WildB_4	0.1163	221.82	01Jan2006, 12:16	24.61
WildB_5	0.0353	52.35	01Jan2006, 12:07	4.06
WildB_6	0.0548	81.29	01Jan2006, 12:10	7.06
WildB_7	0.3393	390.36	01Jan2006, 12:25	52.09
WildB_8	0.0248	61.69	01Jan2006, 12:00	3.48
WildB_9	0.1569	235.76	01Jan2006, 12:13	23.29

GLOBAL SUMMARY
Post Detained 25-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0557	6511.17	01Jan2006, 22:20	4700.27
72_CarolinaPines_WCT13	0.5049	678.81	01Jan2006, 12:36	92.25
AreaA	0.0567	119.26	01Jan2006, 12:13	11.71
AreaB1	0.019	27.98	01Jan2006, 12:05	1.99
AreaB2	0.059	100.67	01Jan2006, 12:09	8.46
AreaC1	0.0168	61.65	01Jan2006, 12:06	5.58
Avent Ferry Dr	1.1695	1092.12	01Jan2006, 12:53	254.76
BBT1_1	0.5004	531.99	01Jan2006, 12:42	93.63
BBT1_2	0.272	509.21	01Jan2006, 12:14	50.98
BBT1_3	3.9284	2842.99	01Jan2006, 13:03	638.62
BBT2_1	0.2378	264.35	01Jan2006, 12:37	43.31
BBT2_2	0.1003	153.08	01Jan2006, 12:18	17.27
BBT2_3	0.0099	31.22	01Jan2006, 12:00	1.79
BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
BBT3A_1	0.0277	27.58	01Jan2006, 12:17	3.15
BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
BBT3_1	0.2625	323.27	01Jan2006, 12:29	46.14
BBT3_2	0.2544	335.04	01Jan2006, 12:28	46.87
BBT3_3	0.1488	177.68	01Jan2006, 12:20	21.46
BBT3_4	0.1146	205.59	01Jan2006, 12:11	18.42
BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
BBT4A_1	0.0355	60.18	01Jan2006, 12:09	5.07
BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
BBT4_1	0.2036	267.81	01Jan2006, 12:17	29.7
BBT4_2	0.3116	293.2	01Jan2006, 12:29	42.43
BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
BBT5_1	0.1414	225.78	01Jan2006, 12:08	18.32
BBT5_2	0.1343	125.26	01Jan2006, 12:23	16.23
BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
BB_1	0.3673	352.42	01Jan2006, 12:42	61.92
BB_2	0.4078	463.14	01Jan2006, 12:33	71.12
BB_3	0.1114	264.41	01Jan2006, 12:11	24.85
BB_4	0.2583	365.19	01Jan2006, 12:15	37.99
BB_5	0.2954	375.28	01Jan2006, 12:18	42.33
BB_6	0.006	13.56	01Jan2006, 12:04	0.92
BB_7	1.233	994.82	01Jan2006, 12:44	180.46
BigBranchTrib1_I40Xsing	3.9284	1858.47	01Jan2006, 13:45	630.19
BigBranchTrib3_I40Xsing	0.9359	1134.61	01Jan2006, 12:47	160.02
BigBrnch_AuburnChurchRd_US	1.233	992.89	01Jan2006, 12:45	180.24
BushBT1_1	0.0988	235.19	01Jan2006, 12:08	19.58
BushBT1_2	0.1312	461.15	01Jan2006, 12:04	32.87
BushBT1_3	0.1465	403.74	01Jan2006, 12:12	41.37
BushB_2	0.1747	379.4	01Jan2006, 12:12	36.3
BushB_3	0.177	431.23	01Jan2006, 12:10	38.6
BushB_4	0.1027	292.2	01Jan2006, 12:07	22.89
Bushy Branch Generic Reservoir	0.972	1785.27	01Jan2006, 12:28	236.97
Bypass	0.0377	108.6	01Jan2006, 12:08	9.29
CBT1_1	0.0096	28.66	01Jan2006, 11:59	1.55

CBT1_2	0.0184	70.36	01Jan2006, 11:59	3.97
CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
CB_1	0.0436	152.91	01Jan2006, 12:03	10.18
CB_2	0.0701	252.23	01Jan2006, 12:00	14.87
CB_3	0.1607	351.25	01Jan2006, 12:14	35.44
CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
Cary Towne Blvd	1.4288	1908.75	01Jan2006, 12:21	364.29
DortheaDixFarmPnd_WCT16	0.2939	528.86	01Jan2006, 12:16	45.83
GB_1	0.2347	569.41	01Jan2006, 12:13	56.32
GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
GatlingBranch_I40Xsing	0.401	855.12	01Jan2006, 12:21	90.84
I-440 Beltline	0.5468	630.54	01Jan2006, 12:45	120.45
J_BBT1_1	5.8992	2825.17	01Jan2006, 13:30	970.44
J_BBT1_1_BB_2	11.6903	6747.8	01Jan2006, 13:25	1863.94
J_BBT1_2	4.2004	1902.49	01Jan2006, 13:56	678.58
J_BBT1_3	3.9284	1858.47	01Jan2006, 13:45	630.19
J_BBT2_1	0.508	739.3	01Jan2006, 12:35	91.33
J_BBT2_1_BB_3	5.3834	3842.86	01Jan2006, 12:49	828.3
J_BBT2_2	0.2702	487.08	01Jan2006, 12:18	48.25
J_BBT2_3	0.1698	334	01Jan2006, 12:12	31.03
J_BBT2_4	0.16	357.99	01Jan2006, 12:08	29.27
J_BBT3A_1	0.2329	346.79	01Jan2006, 12:21	36.2
J_BBT3A_1_BBT3_3	0.6816	1101.99	01Jan2006, 12:24	113.71
J_BBT3A_2	0.2052	320.01	01Jan2006, 12:15	33.12
J_BBT3_1	1.1985	1338.09	01Jan2006, 12:51	205.7
J_BBT3_1_BBT1_2	5.3988	2589.32	01Jan2006, 13:09	884.28
J_BBT3_2	0.9359	1134.61	01Jan2006, 12:47	160.02
J_BBT3_3	0.4486	770.04	01Jan2006, 12:26	77.51
J_BBT3_4	0.2998	600.71	01Jan2006, 12:16	56.22
J_BBT3_5	0.1852	424.51	01Jan2006, 12:10	37.88
J_BBT4A_1	0.239	455.25	01Jan2006, 12:11	37.26
J_BBT4A_1_BBT4_2	0.7267	782.07	01Jan2006, 12:26	101.54
J_BBT4A_2	0.2035	396.38	01Jan2006, 12:08	32.21
J_BBT4_1	0.9302	938.45	01Jan2006, 12:28	130.74
J_BBT4_2	0.4876	579.25	01Jan2006, 12:29	64.28
J_BBT4_3	0.176	286.05	01Jan2006, 12:07	22.03
J_BBT5_1	0.8798	686.37	01Jan2006, 12:49	133.42
J_BBT5_1_BB_7	2.1128	1677.31	01Jan2006, 12:47	313.66
J_BBT5_2	0.7384	649.96	01Jan2006, 12:42	115.41
J_BBT5_3	0.6041	572.03	01Jan2006, 12:41	99.34
J_BB_1	12.0576	6884.15	01Jan2006, 13:25	1916.29
J_BB_1_WC_5	43.4338	8905.26	01Jan2006, 13:40	6112.46
J_BB_2	5.7911	4074.24	01Jan2006, 13:09	893.51
J_BB_3	4.8754	3465.45	01Jan2006, 13:05	736.97
J_BB_4	3.6026	2423.91	01Jan2006, 13:01	521.09
J_BB_5	2.4141	1775.72	01Jan2006, 13:02	355.06
J_BB_5_BBT4_1	3.3443	2343.67	01Jan2006, 12:45	485.81
J_BB_6	2.1187	1678.74	01Jan2006, 12:50	314.25
J_BB_7	1.233	992.89	01Jan2006, 12:45	180.24
J_BushBT1_1	0.3765	864.43	01Jan2006, 12:21	93.52

J_BushBT1_1_BushB_2	1.7003	2361.57	01Jan2006, 12:28	403.96
J_BushBT1_2	0.2777	730.66	01Jan2006, 12:07	74.2
J_BushBT1_3	0.1465	403.74	01Jan2006, 12:12	41.37
J_BushBT2_1	0.1979	469.72	01Jan2006, 12:08	40.05
J_BushBT2_2	0.1777	412.23	01Jan2006, 12:09	35.12
J_BushBT2_T4_T5	0.8692	2650.76	01Jan2006, 12:12	214.85
J_BushBT3_1	0.2231	824.75	01Jan2006, 12:06	57.59
J_BushBT3_1_BushBT4_2	0.4202	1497.62	01Jan2006, 12:05	106.85
J_BushBT3_2	0.1883	739.44	01Jan2006, 12:03	51.43
J_BushBT4_1	0.4765	1609.63	01Jan2006, 12:13	124.35
J_BushBT4_2	0.1972	696.58	01Jan2006, 12:03	49.27
J_BushBT4_3	0.1642	624.55	01Jan2006, 12:03	43.96
J_BushBT5_1	0.1949	621.65	01Jan2006, 12:11	50.45
J_BushBT5_2	0.1609	518.14	01Jan2006, 12:06	40.67
J_BushB_1	1.9187	2623.31	01Jan2006, 12:34	457.92
J_BushB_2	1.3238	1617.23	01Jan2006, 12:29	310.44
J_BushB_3	1.149	1508.8	01Jan2006, 12:54	275.05
J_BushB_4	0.972	1505.91	01Jan2006, 12:42	236.78
J_CBT1_1	0.1972	554.76	01Jan2006, 12:13	48.7
J_CBT1_1_CB_3	0.5256	1320.59	01Jan2006, 12:14	122.25
J_CBT1_2	0.1876	549.48	01Jan2006, 12:09	47.2
J_CBT1_3	0.1693	528.56	01Jan2006, 12:07	43.26
J_CB_1	0.6393	1390.92	01Jan2006, 12:26	146.87
J_CB_2	0.5958	1362.9	01Jan2006, 12:21	136.9
J_CB_3	0.3284	766.67	01Jan2006, 12:14	73.56
J_CB_4	0.1677	415.89	01Jan2006, 12:11	38.16
J_CryTwnBlvdRes_WC_42	1.9907	2770.21	01Jan2006, 12:22	493.63
J_GB_1	0.401	855.12	01Jan2006, 12:21	90.84
J_GB_2	0.1663	407.11	01Jan2006, 12:09	34.68
J_PBT1_1	0.1747	167.98	01Jan2006, 12:19	19.09
J_PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
J_PB_1	1.1613	1155.49	01Jan2006, 12:43	192.75
J_PB_1_BB_4	4.7639	3428.85	01Jan2006, 12:59	713.84
J_PB_2	0.9862	1018.81	01Jan2006, 12:35	162.12
J_PB_3	0.6575	797.11	01Jan2006, 12:37	120.93
J_PB_3_PBT1_1	0.8323	905.36	01Jan2006, 12:34	140.03
J_PB_4	0.2727	337.01	01Jan2006, 12:22	44.89
J_RBT1_1	0.2582	964.35	01Jan2006, 12:11	71.61
J_RBT1_1_RB_7	2.3635	2691.89	01Jan2006, 12:33	551.71
J_RBT1_2	0.2113	886.35	01Jan2006, 12:02	60.02
J_RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
J_RB_1	3.146	2569.42	01Jan2006, 13:34	751.02
J_RB_10	1.4554	1988.66	01Jan2006, 12:38	345.34
J_RB_11	1.1918	1874.27	01Jan2006, 12:34	283.74
J_RB_12	0.9269	1666.62	01Jan2006, 12:27	217.91
J_RB_13	0.6298	1101.33	01Jan2006, 12:23	141.11
J_RB_14	0.5006	981.47	01Jan2006, 12:16	116.01
J_RB_15	0.3472	673.69	01Jan2006, 12:07	81.09
J_RB_16	0.2576	409.33	01Jan2006, 12:07	60.14
J_RB_17	0.1645	486.09	01Jan2006, 12:05	35.65

J_RB_1_WC_21	20.4469	6029.69	01Jan2006, 13:27	3757.28
J_RB_2	3.0953	2558.36	01Jan2006, 13:31	736.07
J_RB_3	2.9041	2754.55	01Jan2006, 12:52	695.53
J_RB_4	2.7305	2683.96	01Jan2006, 12:48	648.51
J_RB_5	2.5176	2553.4	01Jan2006, 12:50	587.63
J_RB_6	2.4713	2541.87	01Jan2006, 12:44	580.85
J_RB_7	2.1053	2420.65	01Jan2006, 12:33	480.77
J_RB_8	1.9409	2328.41	01Jan2006, 12:20	451.6
J_RB_9	1.7677	2117.56	01Jan2006, 12:46	401.9
J_SB_1	1.2176	1105.29	01Jan2006, 12:57	267.49
J_SB_1_WC_30	8.9555	2548.72	01Jan2006, 12:22	1716.2
J_SB_2	1.1695	1213.15	01Jan2006, 12:35	254.76
J_SB_3	1.0274	1141.95	01Jan2006, 12:33	224.74
J_SB_4	0.7737	903.84	01Jan2006, 12:41	170.44
J_SB_5	0.5468	702.3	01Jan2006, 12:36	120.55
J_SB_6	0.5201	926.85	01Jan2006, 12:18	119.53
J_SB_7	0.417	749.86	01Jan2006, 12:22	96.78
J_SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
J_WC37_WCT25_1	3.3506	2717.77	01Jan2006, 13:10	796.6
J_WCT10_1	0.3311	583.05	01Jan2006, 12:27	78.07
J_WCT10_2	0.2318	420.22	01Jan2006, 12:24	51.64
J_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
J_WCT11_1_WC_19	23.3569	7784.11	01Jan2006, 13:33	4302.38
J_WCT11_2	0.342	533.74	01Jan2006, 12:19	60.77
J_WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
J_WCT12A_1	0.2874	635.63	01Jan2006, 12:20	66.99
J_WCT12A_1_WCT12_4	0.8089	910.25	01Jan2006, 12:22	171.55
J_WCT12A_2	0.2173	541.97	01Jan2006, 12:12	47.99
J_WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
J_WCT12B_1	0.0844	254.57	01Jan2006, 12:06	18.21
J_WCT12_1	1.1374	662.57	01Jan2006, 13:23	253.36
J_WCT12_1_WC_22	17.14	3745.35	01Jan2006, 12:55	2993.17
J_WCT12_2	0.9312	626.95	01Jan2006, 12:56	193.02
J_WCT12_3	0.8193	917.8	01Jan2006, 12:24	173.92
J_WCT12_4	0.5215	389.01	01Jan2006, 12:44	104.57
J_WCT12_5_1_WCT12B_1	0.2754	215.73	01Jan2006, 12:50	57.83
J_WCT12_5_2	0.4333	355.56	01Jan2006, 12:38	86.58
J_WCT12_6	0.191	337.01	01Jan2006, 12:18	40.45
J_WCT13_1	0.6855	680.27	01Jan2006, 13:05	132.96
J_WCT13_1_WC_23	15.9359	3330.07	01Jan2006, 12:28	2741.68
J_WCT13_2	0.5049	678.81	01Jan2006, 12:36	92.25
J_WCT13_3	0.4078	787.93	01Jan2006, 12:19	76.07
J_WCT13_4	0.2575	535.18	01Jan2006, 12:10	48.62
J_WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
J_WCT14_1	0.3417	724.47	01Jan2006, 12:16	71.67
J_WCT14_1_WC_24	14.6682	3262.15	01Jan2006, 15:41	2517.59
J_WCT14_2	0.2542	537.02	01Jan2006, 12:09	50.23
J_WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
J_WCT15_1	0.3746	692.59	01Jan2006, 12:11	93.55
J_WCT15_1_WC_25	14.269	3327.41	01Jan2006, 14:51	2455.5

J_WCT15_2	0.2481	374.78	01Jan2006, 12:28	55.18
J_WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
J_WCT16_1	0.305	535.25	01Jan2006, 12:19	47.66
J_WCT16_1_WC_26	13.5417	3644.71	01Jan2006, 13:57	2313.02
J_WCT16_2	0.2939	528.86	01Jan2006, 12:16	45.83
J_WCT16_3	0.2106	502.93	01Jan2006, 12:09	34.27
J_WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
J_WCT17_1	1.0661	941.59	01Jan2006, 12:42	189.72
J_WCT17_1_WC_27	13.2146	3756.43	01Jan2006, 13:44	2276.32
J_WCT17_2	0.7076	716.64	01Jan2006, 12:37	142.7
J_WCT17_3	0.6196	1010.64	01Jan2006, 12:15	123.91
J_WCT17_4	0.4336	653.52	01Jan2006, 12:12	88.73
J_WCT17_5	0.2541	351.64	01Jan2006, 12:32	51.64
J_WCT17_6	0.2078	562.91	01Jan2006, 12:16	42.51
J_WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
J_WCT18_1	0.5326	1067.18	01Jan2006, 12:27	137.1
J_WCT18_2	0.3909	1167.28	01Jan2006, 12:13	100.98
J_WCT18_3	0.2968	933.74	01Jan2006, 12:06	75.54
J_WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
J_WCT19_1	0.3147	610	01Jan2006, 12:09	70.19
J_WCT19_2	0.1616	309.09	01Jan2006, 12:15	40.78
J_WCT1_1	0.5662	924.68	01Jan2006, 12:27	110.13
J_WCT1_1_WC_2	45.4366	6630.21	01Jan2006, 21:05	5315.1
J_WCT1_2	0.2847	514.43	01Jan2006, 12:21	54.09
J_WCT1_3	0.2476	474.9	01Jan2006, 12:15	45.66
J_WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
J_WCT20_1	0.2318	764.07	01Jan2006, 12:15	63.93
J_WCT20_1_WC_32	7.3276	2195.03	01Jan2006, 15:25	1370.15
J_WCT20_2	0.2266	759.61	01Jan2006, 12:13	63.04
J_WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
J_WCT21_1	0.2359	316	01Jan2006, 12:07	52.72
J_WCT21_2	0.2181	288.16	01Jan2006, 12:04	50.69
J_WCT21_3	0.1657	138.79	01Jan2006, 12:29	38.69
J_WCT22_1	0.5905	580.81	01Jan2006, 13:09	167.3
J_WCT22_1_WC_34	5.2179	3500.75	01Jan2006, 13:44	1254.99
J_WCT22_2	0.5242	801.77	01Jan2006, 12:22	151.78
J_WCT22_3	0.347	469.54	01Jan2006, 12:29	107.8
J_WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
J_WCT23_1	0.2075	511.14	01Jan2006, 12:17	47.24
J_WCT23_2	0.2045	508.29	01Jan2006, 12:14	46.42
J_WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
J_WCT24_1	0.682	1152.82	01Jan2006, 12:38	146.04
J_WCT24_1_WC_36	4.3244	3056.95	01Jan2006, 12:43	1018.71
J_WCT24_2	0.6657	1145.59	01Jan2006, 12:35	142.1
J_WCT24_3	0.5429	1046.34	01Jan2006, 12:21	117.82
J_WCT24_4	0.2916	634.2	01Jan2006, 12:14	63.94
J_WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
J_WCT25_1	0.1626	417.87	01Jan2006, 12:10	35.27
J_WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
J_WCT26_1	0.3096	284.12	01Jan2006, 12:21	65.96

J_WCT26_1_WC_40	2.3827	2899.34	01Jan2006, 12:34	573.86
J_WCT26_2	0.2949	272.13	01Jan2006, 12:38	61.84
J_WCT26_3	0.1835	181.54	01Jan2006, 12:30	33.98
J_WCT2_1	0.3015	447.61	01Jan2006, 12:18	45.54
J_WCT2_1_WC_3	44.7186	6665.83	01Jan2006, 20:20	5577.6
J_WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
J_WCT3_1	0.2856	358.01	01Jan2006, 12:20	45.49
J_WCT3_1_WC_4	44.2575	7446.93	01Jan2006, 14:15	5869.71
J_WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
J_WCT4_1	0.2291	368	01Jan2006, 12:19	33.97
J_WCT4_1_WC_6	30.7779	5961.96	01Jan2006, 18:51	4306.84
J_WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
J_WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
J_WCT5_1_1	0.4649	771.48	01Jan2006, 12:30	107.67
J_WCT5_1_1_WC_7	30.4782	6035.65	01Jan2006, 18:14	4482.05
J_WCT5_1_2_WCT5A_1	0.2816	612.6	01Jan2006, 12:19	63.13
J_WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
J_WCT6_1	0.3532	773.82	01Jan2006, 12:14	70.96
J_WCT6_1_WC_8	29.7566	6031.12	01Jan2006, 17:49	4435.5
J_WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
J_WCT7_1	0.3685	654.61	01Jan2006, 12:23	76.85
J_WCT7_1_WC_12	28.2391	6343.24	01Jan2006, 16:11	4759.54
J_WCT7_2	0.2674	537.29	01Jan2006, 12:15	56.76
J_WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
J_WCT8A_1	0.272	577.59	01Jan2006, 12:19	59.61
J_WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
J_WCT8_1	1.5766	1682.53	01Jan2006, 13:01	339.13
J_WCT8_1_WC_13	27.8626	6326.27	01Jan2006, 16:01	4731.25
J_WCT8_2	1.394	1587.55	01Jan2006, 12:50	281.11
J_WCT8_3	1.2056	1610.03	01Jan2006, 12:31	239
J_WCT8_4	0.769	929.46	01Jan2006, 12:30	142.83
J_WCT8_4_WCT8A_1	1.041	1412.8	01Jan2006, 12:25	202.44
J_WCT8_5	0.5591	693.7	01Jan2006, 12:32	99.91
J_WCT8_6	0.3137	488.06	01Jan2006, 12:25	52.86
J_WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
J_WCT9_1	0.6223	944.39	01Jan2006, 12:43	137.59
J_WCT9_1_WC_14	26.1525	6266.48	01Jan2006, 15:35	4506.42
J_WCT9_2	0.5992	937.65	01Jan2006, 12:39	133.26
J_WCT9_3	0.522	907.44	01Jan2006, 12:30	115.78
J_WCT9_4	0.3752	862.33	01Jan2006, 12:18	83.86
J_WCT9_5	0.326	784.94	01Jan2006, 12:13	73.24
J_WCT9_6	0.155	407.01	01Jan2006, 12:10	34.51
J_WC_10_WC_9	29.3935	6013.3	01Jan2006, 17:40	4448.59
J_WC_11	28.8018	6087.82	01Jan2006, 17:02	4623.17
J_WC_12	27.8706	6308.84	01Jan2006, 16:12	4682.7
J_WC_13	26.286	6153.09	01Jan2006, 16:03	4392.12
J_WC_14	25.5302	6195.68	01Jan2006, 15:35	4368.83
J_WC_15	25.1716	6155.99	01Jan2006, 15:33	4295.45
J_WC_15_WCT10_1	25.5027	6195.08	01Jan2006, 15:32	4373.52
J_WC_16	25.1434	6154.63	01Jan2006, 15:29	4298.01

J_WC_17	24.6048	6440.15	01Jan2006, 14:48	4247.62
J_WC_17_GB_1	25.0057	6492.65	01Jan2006, 14:48	4338.46
J_WC_18	23.4685	6925.9	01Jan2006, 14:06	4179.95
J_WC_19	22.9079	7660.39	01Jan2006, 13:35	4215.61
J_WC_2	44.8703	6604.35	01Jan2006, 21:06	5204.96
J_WC_20	20.4802	5919.7	01Jan2006, 13:43	3722.7
J_WC_21	17.301	3471.41	01Jan2006, 13:23	3006.27
J_WC_22	16.0026	3269.71	01Jan2006, 17:02	2739.81
J_WC_23	15.2503	3182.87	01Jan2006, 16:58	2608.72
J_WC_24	14.3265	3227.77	01Jan2006, 15:43	2445.92
J_WC_25	13.8944	3277.57	01Jan2006, 14:52	2361.95
J_WC_26	13.2367	3600.7	01Jan2006, 13:57	2265.36
J_WC_27	12.1485	3195.87	01Jan2006, 13:58	2086.6
J_WC_28_WCT18_1	12.1198	6503.86	01Jan2006, 12:29	2473.64
J_WC_29	9.1984	2423.73	01Jan2006, 15:41	1744.88
J_WC_29_BushB_1	11.1171	4964.57	01Jan2006, 12:34	2202.8
J_WC_3	44.4171	6652.96	01Jan2006, 20:21	5532.05
J_WC_30	7.738	2230.62	01Jan2006, 15:35	1448.71
J_WC_31	7.3369	2194.79	01Jan2006, 15:28	1370.03
J_WC_31_WCT19_1	7.6516	2228.99	01Jan2006, 15:27	1440.22
J_WC_32	7.0958	2166.98	01Jan2006, 15:25	1306.22
J_WC_33_WCT21_1	6.9932	5766.82	01Jan2006, 12:20	1625.96
J_WC_34	4.6274	2936.07	01Jan2006, 13:50	1087.69
J_WC_35	4.3433	3013.91	01Jan2006, 12:50	1023.59
J_WC_35_WCT23_1	4.5508	3131.4	01Jan2006, 12:47	1070.83
J_WC_36	3.6423	2720.72	01Jan2006, 13:39	872.67
J_WC_37	3.188	2674.68	01Jan2006, 13:11	761.32
J_WC_38	3.133	2761.44	01Jan2006, 12:55	749.97
J_WC_39	2.4774	2781.32	01Jan2006, 12:46	592.74
J_WC_4	43.9719	7407.51	01Jan2006, 14:15	5824.21
J_WC_40	2.073	2616.97	01Jan2006, 12:34	507.9
J_WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
J_WC_5	31.3762	5961.38	01Jan2006, 19:23	4196.17
J_WC_6	30.5488	5949.83	01Jan2006, 18:52	4272.87
J_WC_7	30.0134	6002.23	01Jan2006, 18:15	4374.38
J_WC_8	29.4034	6006.3	01Jan2006, 17:50	4364.54
J_WildBT1_1	0.5965	1107.92	01Jan2006, 12:17	145.74
J_WildBT1_1_WildB_5	1.3893	1954.67	01Jan2006, 12:23	297.02
J_WildBT1_2	0.5604	1048.5	01Jan2006, 12:14	137.05
J_WildBT1_3	0.3855	698.72	01Jan2006, 12:13	101.28
J_WildBT1_4	0.2021	260.76	01Jan2006, 12:28	54.8
J_WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
J_WildBT2_1	0.1817	233.52	01Jan2006, 12:19	28.57
J_WildBT2_1_WildB_6	0.7574	1131.15	01Jan2006, 12:31	145.74
J_WildBT2_2	0.1578	202.75	01Jan2006, 12:20	23.88
J_WildB_1	2.086	1827.02	01Jan2006, 13:21	481.25
J_WildB_1_WC_20	22.5662	7612.16	01Jan2006, 13:30	4203.95
J_WildB_2	1.9683	1797.73	01Jan2006, 13:19	447.78
J_WildB_3	1.7985	2018.03	01Jan2006, 13:02	396.53
J_WildB_4	1.5056	2137.79	01Jan2006, 12:32	327.96

J_WildB_5	0.7927	1146.59	01Jan2006, 12:37	151.28
J_WildB_6	0.5757	912.48	01Jan2006, 12:32	117.17
J_WildB_7	0.5209	871.43	01Jan2006, 12:24	107.51
J_WildB_8	0.1817	338.91	01Jan2006, 12:18	36.67
J_WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89
J_WtsnB_1	1.0213	1737.38	01Jan2006, 12:42	233.7
J_WtsnB_1_WC_18	24.4898	7129.06	01Jan2006, 14:04	4413.65
J_WtsnB_2	0.2643	494.61	01Jan2006, 12:04	58.81
J_WtsnB_2_CB_1	0.9036	1663.05	01Jan2006, 12:26	205.68
J_WtsnB_3	0.1687	304.14	01Jan2006, 12:18	35.46
J_WtsnB_4	0.1534	295.19	01Jan2006, 12:17	32.33
Lake Raleigh	12.1198	3233.88	01Jan2006, 13:44	2144.12
Lake_Johnson	6.9932	2157.54	01Jan2006, 15:21	1317.44
PBT1_1	0.0066	11.01	01Jan2006, 12:06	0.81
PBT1_2	0.1682	163.2	01Jan2006, 12:16	18.31
PB_1	0.1751	264.39	01Jan2006, 12:20	31.15
PB_2	0.154	196.22	01Jan2006, 12:18	22.44
PB_3	0.3848	571	01Jan2006, 12:25	76.39
PB_4_1	0.1089	165.11	01Jan2006, 12:17	17.97
PB_4_2	0.1638	201.46	01Jan2006, 12:25	26.93
Pineview Dr	0.7737	903.72	01Jan2006, 12:42	170.44
PoplarBranch_I40	0.1638	195.52	01Jan2006, 12:30	26.92
Priv_1001_UnderwoodPond_WCT8	0.3137	488.06	01Jan2006, 12:25	52.86
Private15_Ileagnes_WCT12	0.4333	355.56	01Jan2006, 12:38	86.58
Private23_GolfCourseC_WCT12	0.1614	320.41	01Jan2006, 12:19	34.71
Private36_GolfCourseA_WCT12B	0.0844	254.57	01Jan2006, 12:06	18.21
RBT1_1	0.0469	187.43	01Jan2006, 12:01	11.71
RBT1_2	0.0428	210.47	01Jan2006, 11:58	12.19
RBT1_3	0.1685	735.82	01Jan2006, 12:01	47.86
RB_1	0.0507	193.96	01Jan2006, 12:05	15.53
RB_10	0.2635	852.45	01Jan2006, 12:05	62.34
RB_11	0.265	787.58	01Jan2006, 12:08	66.28
RB_12	0.2971	648.45	01Jan2006, 12:19	77.03
RB_13	0.1292	336.79	01Jan2006, 12:06	25.34
RB_14	0.1534	404.15	01Jan2006, 12:09	35.18
RB_15	0.0896	297.08	01Jan2006, 12:04	21
RB_16	0.0931	328.35	01Jan2006, 12:05	24.91
RB_17	0.1645	486.09	01Jan2006, 12:05	35.65
RB_2	0.1911	449.89	01Jan2006, 12:12	43.68
RB_3	0.1736	563.64	01Jan2006, 12:07	47.86
RB_4	0.2129	613.47	01Jan2006, 12:11	61.04
RB_5	0.0463	117.28	01Jan2006, 12:03	7.68
RB_6	0.1078	426.95	01Jan2006, 12:03	29.69
RB_7	0.1644	406.81	01Jan2006, 12:06	30.83
RB_8	0.1732	570.85	01Jan2006, 12:08	50.02
RB_9	0.3123	663.04	01Jan2006, 12:10	57.63
R_BBT1_1	5.3988	2589.32	01Jan2006, 13:34	876.81
R_BBT1_2	3.9284	1858.47	01Jan2006, 13:57	627.6
R_BBT2_1_1	0.2702	475.92	01Jan2006, 12:34	48.02
R_BBT2_1_2	0.2702	475.92	01Jan2006, 12:23	48.18

R_BBT2_2	0.1698	334	01Jan2006, 12:18	30.98
R_BBT2_3	0.16	325.45	01Jan2006, 12:13	29.24
R_BBT3A_1	0.2052	320.01	01Jan2006, 12:21	33.06
R_BBT3_1	0.9359	1134.61	01Jan2006, 12:56	159.57
R_BBT3_2	0.6816	1101.99	01Jan2006, 12:37	113.25
R_BBT3_3	0.2998	600.71	01Jan2006, 12:26	56.05
R_BBT3_4	0.1852	424.51	01Jan2006, 12:18	37.79
R_BBT4A_1	0.2035	396.38	01Jan2006, 12:11	32.18
R_BBT4_1	0.7267	782.07	01Jan2006, 12:40	101.05
R_BBT4_2	0.176	286.05	01Jan2006, 12:29	21.85
R_BBT5_1	0.7384	649.96	01Jan2006, 12:50	115.1
R_BBT5_2	0.6041	572.03	01Jan2006, 12:46	99.18
R_BB_1	11.6903	6747.8	01Jan2006, 13:40	1854.37
R_BB_2	5.3834	3842.86	01Jan2006, 13:10	822.39
R_BB_3	4.7639	3428.85	01Jan2006, 13:06	712.13
R_BB_4	3.3443	2343.67	01Jan2006, 13:01	483.1
R_BB_5	2.1187	1678.74	01Jan2006, 13:04	312.74
R_BB_6	2.1128	1677.31	01Jan2006, 12:50	313.34
R_BushBT1_1	0.2777	730.66	01Jan2006, 12:22	73.94
R_BushBT1_2	0.1465	403.74	01Jan2006, 12:16	41.33
R_BushBT3_1	0.1883	739.44	01Jan2006, 12:07	51.38
R_BushBT4_1	0.4202	1497.62	01Jan2006, 12:14	106.63
R_BushBT5_1	0.1609	518.14	01Jan2006, 12:12	40.61
R_BushB_1	1.7003	2361.57	01Jan2006, 12:36	403.13
R_BushB_2	1.149	1508.8	01Jan2006, 13:07	274.14
R_BushB_3_1	0.972	1440.89	01Jan2006, 12:56	236.45
R_BushB_3_2	0.972	1505.91	01Jan2006, 12:46	236.54
R_BushB_4_1	0.972	1505.91	01Jan2006, 12:42	236.78
R_BushB_4_2	0.8692	2650.76	01Jan2006, 12:18	214.53
R_CBT1_1	0.1876	549.48	01Jan2006, 12:13	47.15
R_CBT1_2	0.1693	528.56	01Jan2006, 12:10	43.23
R_CB_1	0.5958	1362.9	01Jan2006, 12:27	136.68
R_CB_2	0.5256	1320.59	01Jan2006, 12:21	122.03
R_CB_3	0.1677	415.89	01Jan2006, 12:15	38.12
R_GB_1	0.1663	407.11	01Jan2006, 12:25	34.53
R_PBT1_1	0.1682	163.2	01Jan2006, 12:19	18.28
R_PB_1	0.9862	1018.81	01Jan2006, 12:45	161.6
R_PB_2	0.8323	905.36	01Jan2006, 12:42	139.68
R_PB_3	0.2727	337.01	01Jan2006, 12:46	44.54
R_RBT1_1	0.2113	886.35	01Jan2006, 12:11	59.9
R_RBT1_2	0.1685	735.82	01Jan2006, 12:04	47.83
R_RB_1	3.0953	2558.36	01Jan2006, 13:34	735.49
R_RB_10	1.1918	1874.27	01Jan2006, 12:44	283.01
R_RB_11	0.9269	1666.62	01Jan2006, 12:35	217.46
R_RB_12	0.6298	1101.33	01Jan2006, 12:29	140.88
R_RB_13	0.5006	981.47	01Jan2006, 12:24	115.77
R_RB_14_1	0.3472	662.8	01Jan2006, 12:19	80.83
R_RB_14_2	0.3472	673.69	01Jan2006, 12:17	80.88
R_RB_15	0.2576	409.33	01Jan2006, 12:10	60.09
R_RB_16_1	0.1645	249.69	01Jan2006, 12:25	35.23

R_RB_16_2	0.1645	249.69	01Jan2006, 12:17	35.31
R_RB_2	2.9041	2515.07	01Jan2006, 13:32	692.39
R_RB_3	2.7305	2683.96	01Jan2006, 12:53	647.67
R_RB_4	2.5176	2553.4	01Jan2006, 12:51	587.47
R_RB_5	2.4713	2541.87	01Jan2006, 12:50	579.94
R_RB_6	2.3635	2502.12	01Jan2006, 12:45	551.16
R_RB_7	1.9409	2328.41	01Jan2006, 12:34	449.94
R_RB_8	1.7677	2117.56	01Jan2006, 12:49	401.58
R_RB_9	1.4554	1988.66	01Jan2006, 12:50	344.27
R_SB_1	1.1695	1091.68	01Jan2006, 12:58	254.44
R_SB_2	1.0274	1139.78	01Jan2006, 12:38	224.47
R_SB_3	0.7737	902.78	01Jan2006, 12:44	170.25
R_SB_4	0.5468	630.04	01Jan2006, 12:48	120.25
R_SB_7	0.1701	406.88	01Jan2006, 12:19	42.34
R_WCT10_1	0.2318	420.22	01Jan2006, 12:33	51.52
R_WCT11_1	0.449	734.16	01Jan2006, 12:38	86.76
R_WCT11_2	0.16	239.18	01Jan2006, 12:26	25.08
R_WCT12A_1	0.2173	541.97	01Jan2006, 12:22	47.86
R_WCT12A_2	0.1534	370.56	01Jan2006, 12:12	32.06
R_WCT12B_1	0.0844	254.57	01Jan2006, 12:11	18.19
R_WCT12_1	0.9312	626.95	01Jan2006, 13:06	192.46
R_WCT12_2	0.8193	917.8	01Jan2006, 12:30	173.62
R_WCT12_3	0.8089	910.25	01Jan2006, 12:25	171.41
R_WCT12_4	0.4333	355.56	01Jan2006, 12:47	86.35
R_WCT12_5_1	0.191	337.01	01Jan2006, 12:25	40.37
R_WCT12_5_2	0.2754	215.73	01Jan2006, 12:54	57.76
R_WCT13_1	0.5049	678.81	01Jan2006, 12:53	91.72
R_WCT13_2	0.4078	787.93	01Jan2006, 12:27	75.89
R_WCT13_3	0.2575	535.18	01Jan2006, 12:20	48.47
R_WCT13_4	0.1561	311.47	01Jan2006, 12:14	28.5
R_WCT14_1	0.2542	537.02	01Jan2006, 12:19	50.09
R_WCT14_2_1	0.1748	321.06	01Jan2006, 12:15	30.3
R_WCT14_2_2	0.1748	321.06	01Jan2006, 12:11	30.34
R_WCT15_1	0.2481	374.78	01Jan2006, 12:37	55.05
R_WCT15_2	0.1794	398.93	01Jan2006, 12:18	38.32
R_WCT16_1	0.2939	528.86	01Jan2006, 12:19	45.78
R_WCT16_2	0.2106	502.93	01Jan2006, 12:14	34.22
R_WCT16_3	0.1646	430.12	01Jan2006, 12:09	27.79
R_WCT17_1	0.7076	716.64	01Jan2006, 13:00	141.77
R_WCT17_2	0.6196	1010.64	01Jan2006, 12:17	123.84
R_WCT17_3	0.4336	653.52	01Jan2006, 12:17	88.61
R_WCT17_4	0.2541	351.64	01Jan2006, 12:35	51.6
R_WCT17_5	0.2078	562.91	01Jan2006, 12:23	42.43
R_WCT17_7	0.1909	548.75	01Jan2006, 12:16	39.12
R_WCT18_1	0.3909	1167.28	01Jan2006, 12:20	100.81
R_WCT18_2	0.2968	933.74	01Jan2006, 12:15	75.37
R_WCT18_3	0.2071	663.9	01Jan2006, 12:08	54.96
R_WCT19_1	0.1616	309.09	01Jan2006, 12:25	40.68
R_WCT1_1	0.2847	514.43	01Jan2006, 12:31	53.93
R_WCT1_2	0.2476	474.9	01Jan2006, 12:22	45.57

R_WCT1_3	0.1611	312.13	01Jan2006, 12:16	29.65
R_WCT20_1	0.2266	759.61	01Jan2006, 12:15	63.01
R_WCT20_2	0.169	613.4	01Jan2006, 12:14	48.16
R_WCT21_1	0.2181	288.16	01Jan2006, 12:07	50.65
R_WCT21_2	0.1657	138.79	01Jan2006, 12:34	38.64
R_WCT22_1	0.5242	801.77	01Jan2006, 12:34	151.38
R_WCT22_2	0.347	469.54	01Jan2006, 12:38	107.6
R_WCT22_3	0.2027	724.9	01Jan2006, 12:10	61.61
R_WCT23_1	0.2045	508.29	01Jan2006, 12:17	46.38
R_WCT23_2	0.1653	438.21	01Jan2006, 12:16	36.26
R_WCT24_1	0.6657	1145.59	01Jan2006, 12:38	141.98
R_WCT24_2	0.5429	1046.34	01Jan2006, 12:36	117.34
R_WCT24_3	0.2916	598.73	01Jan2006, 12:26	63.72
R_WCT24_4	0.1858	499	01Jan2006, 12:18	42.43
R_WCT25_1	0.1569	402.8	01Jan2006, 12:10	33.85
R_WCT26_1	0.2949	272.13	01Jan2006, 12:42	61.77
R_WCT26_2	0.1835	181.54	01Jan2006, 12:38	33.9
R_WCT2_1	0.1566	238.39	01Jan2006, 12:19	22.6
R_WCT3_1	0.1582	190	01Jan2006, 12:29	23.37
R_WCT4_1	0.1483	271.33	01Jan2006, 12:20	23.21
R_WCT5A_1	0.1308	357.84	01Jan2006, 12:09	30.29
R_WCT5_1_1	0.2816	612.6	01Jan2006, 12:34	62.88
R_WCT5_1_2	0.1508	393.6	01Jan2006, 12:23	32.84
R_WCT6_1	0.152	357.6	01Jan2006, 12:15	30.49
R_WCT7_1	0.2674	537.29	01Jan2006, 12:25	56.6
R_WCT7_2	0.2009	403.15	01Jan2006, 12:16	43.11
R_WCT7_2_1	0.2009	403.15	01Jan2006, 12:17	43.1
R_WCT8A_1	0.1499	327.75	01Jan2006, 12:19	31.41
R_WCT8_1	1.394	1587.55	01Jan2006, 13:03	280.06
R_WCT8_2	1.2056	1610.03	01Jan2006, 12:42	238.24
R_WCT8_3	1.041	1412.8	01Jan2006, 12:33	201.97
R_WCT8_4	0.5591	693.7	01Jan2006, 12:49	99.39
R_WCT8_5	0.3137	488.06	01Jan2006, 12:36	52.68
R_WCT8_6	0.1524	303.45	01Jan2006, 12:21	28.58
R_WCT9_1	0.5992	937.65	01Jan2006, 12:43	133.12
R_WCT9_2	0.522	907.44	01Jan2006, 12:40	115.47
R_WCT9_3	0.3752	862.33	01Jan2006, 12:24	83.73
R_WCT9_4	0.326	784.94	01Jan2006, 12:19	73.13
R_WCT9_5	0.155	407.01	01Jan2006, 12:12	34.49
R_WC_1	45.4366	6483.54	01Jan2006, 22:20	4574.9
R_WC_11	28.2391	6041.49	01Jan2006, 17:02	4491.36
R_WC_12	27.8626	6308.17	01Jan2006, 16:12	4681.02
R_WC_13	26.1525	6140.57	01Jan2006, 16:03	4362.63
R_WC_14	25.5027	6192.96	01Jan2006, 15:35	4363.07
R_WC_15	25.1434	6152.77	01Jan2006, 15:33	4286.63
R_WC_16	25.0057	6137.73	01Jan2006, 15:30	4254.74
R_WC_17	24.4898	6423.74	01Jan2006, 14:48	4212.04
R_WC_18	23.3569	6908.61	01Jan2006, 14:06	4157.01
R_WC_19	22.5662	7583.73	01Jan2006, 13:35	4132.04
R_WC_2	44.7186	6597.6	01Jan2006, 21:06	5176.89

R_WC_20	20.4469	5913.48	01Jan2006, 13:43	3713.14
R_WC_21	17.14	3427.12	01Jan2006, 13:24	2967.8
R_WC_22	15.9359	3263.07	01Jan2006, 17:02	2721.23
R_WC_23	14.6682	3132.68	01Jan2006, 17:00	2466.39
R_WC_24	14.269	3221.47	01Jan2006, 15:43	2429.62
R_WC_25	13.5417	3231.86	01Jan2006, 14:54	2272.66
R_WC_26	13.2146	3596.87	01Jan2006, 13:57	2258.45
R_WC_27	12.1198	3190.79	01Jan2006, 13:58	2077.49
R_WC_29	8.9555	2398.34	01Jan2006, 15:42	1693.41
R_WC_3	44.2575	6645.19	01Jan2006, 20:21	5499.8
R_WC_30	7.6516	2221.99	01Jan2006, 15:36	1430.33
R_WC_31	7.3276	2193.86	01Jan2006, 15:28	1368.17
R_WC_32	6.9932	2156.39	01Jan2006, 15:25	1285.83
R_WC_34	4.5508	2922.44	01Jan2006, 13:50	1067.06
R_WC_35	4.3244	3007.35	01Jan2006, 12:50	1018.18
R_WC_36	3.3506	2651.39	01Jan2006, 13:40	795.42
R_WC_37	3.133	2662.46	01Jan2006, 13:11	749.88
R_WC_38	2.4774	2241.02	01Jan2006, 13:10	591.94
R_WC_39	2.3827	2747.35	01Jan2006, 12:46	571.53
R_WC_4	43.4338	7337.03	01Jan2006, 14:15	5733.37
R_WC_40	1.9907	2546.94	01Jan2006, 12:34	491.15
R_WC_41	0.8865	1057.92	01Jan2006, 13:25	202.48
R_WC_5	30.7779	5930.31	01Jan2006, 19:24	4105.39
R_WC_6	30.4782	5945.65	01Jan2006, 18:52	4259.23
R_WC_7	29.7566	5983.84	01Jan2006, 18:15	4312.48
R_WC_8	29.3935	6005.65	01Jan2006, 17:50	4362.72
R_WC_9	28.8018	5969.28	01Jan2006, 17:40	4326.81
R_WildBT1_1	0.5604	1048.5	01Jan2006, 12:18	136.91
R_WildBT1_2	0.3855	698.72	01Jan2006, 12:18	101.16
R_WildBT1_3	0.2021	260.76	01Jan2006, 12:36	54.69
R_WildBT1_4	0.1682	540.59	01Jan2006, 12:12	44.6
R_WildBT2_1	0.1578	202.75	01Jan2006, 12:26	23.83
R_WildB_1	1.9683	1797.73	01Jan2006, 13:21	447.54
R_WildB_2	1.7985	2018.03	01Jan2006, 13:07	395.99
R_WildB_3	1.5056	2137.79	01Jan2006, 12:44	326.89
R_WildB_4	1.3893	1954.67	01Jan2006, 12:33	296.21
R_WildB_5	0.7574	1131.15	01Jan2006, 12:37	145.48
R_WildB_6	0.5209	871.43	01Jan2006, 12:32	107.27
R_WildB_7	0.1817	338.91	01Jan2006, 12:24	36.61
R_WildB_8	0.1569	323.91	01Jan2006, 12:18	31.85
R_WtsnB_1	0.9036	1663.05	01Jan2006, 12:42	204.81
R_WtsnB_2	0.1687	215.87	01Jan2006, 12:38	35.41
R_WtsnB_3	0.1534	295.19	01Jan2006, 12:19	32.31
RockyTrib1 Generic Reservoir	0.2582	273.2	01Jan2006, 12:26	70.94
SB_1	0.0481	205.09	01Jan2006, 12:01	13.05
SB_2	0.142	407.5	01Jan2006, 12:06	30.29
SB_3	0.2538	503.01	01Jan2006, 12:16	54.49
SB_4	0.2269	363.89	01Jan2006, 12:26	50.19
SB_5	0.0267	96.43	01Jan2006, 12:02	6.4
SB_6	0.103	260.29	01Jan2006, 12:09	22.75

SB_7	0.247	373.51	01Jan2006, 12:29	54.43
SB_8	0.1701	410.3	01Jan2006, 12:14	42.46
SCM A	0.0168	17.73	01Jan2006, 12:29	4.27
SCM B	0.0239	56.29	01Jan2006, 12:04	6.21
SCM C	0.0121	23.49	01Jan2006, 12:04	3.51
SCM D	0.0113	4.14	01Jan2006, 12:35	2.79
Sub 2 to SCM B	0.0239	133.94	01Jan2006, 11:56	7.96
Sub 3 to SCM C	0.0121	67.81	01Jan2006, 11:56	4.03
Sub 4 to SCM D	0.0113	63.27	01Jan2006, 11:56	3.76
WCLAKRA_LakeRaleighA_WCT18	0.5326	1067.18	01Jan2006, 12:27	137.1
WCT10_1	0.0994	246.6	01Jan2006, 12:15	26.55
WCT10_2	0.2318	429.19	01Jan2006, 12:20	51.64
WCT10_MLK	0.2318	420.22	01Jan2006, 12:24	51.64
WCT11_1	0.107	278.34	01Jan2006, 12:11	26.42
WCT11_2	0.182	362.43	01Jan2006, 12:13	35.69
WCT11_3	0.16	239.18	01Jan2006, 12:15	25.17
WCT11_I40	0.449	734.16	01Jan2006, 12:22	87.17
WCT12A_1	0.0701	248.22	01Jan2006, 12:05	19.13
WCT12A_2	0.0638	173.32	01Jan2006, 12:10	15.93
WCT12A_3	0.1534	370.56	01Jan2006, 12:09	32.09
WCT12B_1	0.0844	268.13	01Jan2006, 12:04	18.29
WCT12_1	0.2062	688.82	01Jan2006, 12:08	61.44
WCT12_2	0.0529	115.41	01Jan2006, 12:12	11.02
WCT12_3	0.0104	37.46	01Jan2006, 12:03	2.51
WCT12_4	0.0882	237.04	01Jan2006, 12:06	18.22
WCT12_5_1	0.1579	279.99	01Jan2006, 12:16	30.43
WCT12_5_2	0.0296	102.58	01Jan2006, 11:59	5.73
WCT12_6	0.1614	326.47	01Jan2006, 12:16	35.12
WCT12_I40	1.1374	662.57	01Jan2006, 13:23	253.36
WCT12_RR_Xsing	0.2754	215.73	01Jan2006, 12:50	57.83
WCT12_SouthSaundersSt	0.9312	626.95	01Jan2006, 12:56	193.02
WCT13_1	0.1616	329.22	01Jan2006, 12:19	39.26
WCT13_2	0.0971	271.85	01Jan2006, 12:07	21.3
WCT13_3	0.1502	277.3	01Jan2006, 12:14	27.6
WCT13_4	0.1014	256.3	01Jan2006, 12:07	20.12
WCT13_5	0.1561	311.47	01Jan2006, 12:11	28.53
WCT13_I40	0.6855	680.27	01Jan2006, 13:05	132.96
WCT13_RRXsing	0.6855	691.37	01Jan2006, 13:01	132.96
WCT14_1	0.0875	251.65	01Jan2006, 12:08	21.58
WCT14_2	0.0794	276.25	01Jan2006, 12:04	19.93
WCT14_3	0.1748	443.29	01Jan2006, 12:04	30.37
WCT15_1	0.1265	463.61	01Jan2006, 12:06	38.5
WCT15_2	0.0686	220.65	01Jan2006, 12:06	16.87
WCT15_3	0.1794	398.93	01Jan2006, 12:12	38.38
WCT15_I40	0.2481	374.78	01Jan2006, 12:28	55.18
WCT16_1	0.0111	32.05	01Jan2006, 12:01	1.88
WCT16_2	0.0834	207.67	01Jan2006, 12:00	11.83
WCT16_3	0.0459	73.23	01Jan2006, 12:10	6.49
WCT16_4	0.1646	430.12	01Jan2006, 12:03	27.84
WCT17_1	0.3585	339.22	01Jan2006, 12:28	47.96

WCT17_2	0.088	262.4	01Jan2006, 12:05	18.92
WCT17_3	0.186	380.86	01Jan2006, 12:11	35.3
WCT17_4	0.1796	410.28	01Jan2006, 12:11	37.13
WCT17_5	0.0463	130.67	01Jan2006, 12:04	9.22
WCT17_6	0.0169	55.98	01Jan2006, 12:01	3.39
WCT17_7	0.1909	548.75	01Jan2006, 12:05	39.23
WCT17_I40	0.7076	716.64	01Jan2006, 12:37	142.7
WCT17_LineberryDr	0.2541	351.64	01Jan2006, 12:32	51.64
WCT18_1	0.1417	604.65	01Jan2006, 12:00	36.64
WCT18_2	0.0941	315.59	01Jan2006, 12:06	25.61
WCT18_3	0.0897	307.16	01Jan2006, 12:03	20.58
WCT18_4	0.2071	663.9	01Jan2006, 12:07	54.97
WCT19_1	0.153	381.59	01Jan2006, 12:07	29.52
WCT19_2	0.1616	557.43	01Jan2006, 12:04	40.78
WCT19_Thistledown	0.1616	309.09	01Jan2006, 12:15	40.78
WCT1_1	0.2815	498.92	01Jan2006, 12:18	56.2
WCT1_2	0.0371	117.45	01Jan2006, 12:05	8.52
WCT1_3	0.0866	168.53	01Jan2006, 12:12	16.01
WCT1_4	0.1611	312.13	01Jan2006, 12:12	29.69
WCT20_1	0.0052	14.94	01Jan2006, 12:02	0.92
WCT20_2	0.0576	183.91	01Jan2006, 12:07	14.89
WCT20_3	0.169	613.4	01Jan2006, 12:05	48.25
WCT21_1	0.0178	30.19	01Jan2006, 12:04	2.07
WCT21_2	0.0524	177.3	01Jan2006, 12:03	12.05
WCT21_3	0.1657	498.35	01Jan2006, 12:06	38.7
WCT21_I40	0.1657	138.79	01Jan2006, 12:29	38.69
WCT22_1	0.0664	181.18	01Jan2006, 12:09	15.91
WCT22_2	0.1772	385.75	01Jan2006, 12:17	44.18
WCT22_3	0.1443	443.38	01Jan2006, 12:11	46.35
WCT22_4	0.2027	724.9	01Jan2006, 12:06	61.66
WCT22_I40_US	0.347	469.54	01Jan2006, 12:29	107.8
WCT22_I440_DS	0.5905	580.81	01Jan2006, 13:09	167.3
WCT23_1	0.003	13.3	01Jan2006, 12:00	0.85
WCT23_2	0.0392	139.73	01Jan2006, 12:04	10.16
WCT23_3	0.1653	438.21	01Jan2006, 12:08	36.33
WCT24_1	0.0164	58.56	01Jan2006, 12:03	4.05
WCT24_2	0.1228	266.41	01Jan2006, 12:11	24.76
WCT24_3	0.2513	505.94	01Jan2006, 12:16	54.1
WCT24_4	0.1057	313.58	01Jan2006, 12:04	21.52
WCT24_5	0.1858	499	01Jan2006, 12:09	42.53
WCT25_1	0.0057	20.33	01Jan2006, 12:03	1.43
WCT25_2	0.1569	402.8	01Jan2006, 12:08	33.87
WCT26_1	0.0147	50.07	01Jan2006, 12:07	4.19
WCT26_2	0.1115	322.95	01Jan2006, 12:10	29.7
WCT26_3	0.1835	361.15	01Jan2006, 12:12	34.01
WCT26_I40	0.2949	272.13	01Jan2006, 12:38	61.84
WCT26_WesternBlvd	0.1835	181.54	01Jan2006, 12:30	33.98
WCT2_1	0.145	211.31	01Jan2006, 12:16	22.94
WCT2_2	0.1566	238.39	01Jan2006, 12:12	22.66
WCT3_1	0.1274	225.47	01Jan2006, 12:13	22.12

WCT3_2	0.1582	190	01Jan2006, 12:21	23.43
WCT4_1	0.0808	106.01	01Jan2006, 12:14	10.76
WCT4_2	0.1483	271.33	01Jan2006, 12:09	23.29
WCT5A_1	0.1308	357.84	01Jan2006, 12:08	30.3
WCT5_1	0.1833	530.69	01Jan2006, 12:08	44.79
WCT5_2	0.1508	393.6	01Jan2006, 12:08	32.97
WCT6_1	0.2012	421.55	01Jan2006, 12:12	40.47
WCT6_2	0.152	357.6	01Jan2006, 12:09	30.54
WCT7_1	0.101	245.64	01Jan2006, 12:08	20.24
WCT7_2	0.0666	157.57	01Jan2006, 12:09	13.66
WCT7_3	0.2009	403.59	01Jan2006, 12:16	43.14
WCT8A_1	0.1221	251.68	01Jan2006, 12:17	28.2
WCT8A_2	0.1499	327.75	01Jan2006, 12:12	31.47
WCT8_1	0.1826	506.82	01Jan2006, 12:14	59.07
WCT8_2	0.1885	493.09	01Jan2006, 12:09	43.12
WCT8_3	0.1646	364.31	01Jan2006, 12:14	37.03
WCT8_4	0.2099	345.66	01Jan2006, 12:22	43.45
WCT8_5	0.2454	507.09	01Jan2006, 12:12	47.23
WCT8_6	0.1614	206.02	01Jan2006, 12:20	24.58
WCT8_7	0.1524	303.45	01Jan2006, 12:12	28.65
WCT8_I40	1.394	1587.55	01Jan2006, 12:50	281.11
WCT9_1	0.0231	73.31	01Jan2006, 12:01	4.47
WCT9_2	0.0772	263.97	01Jan2006, 12:03	17.79
WCT9_3	0.1468	388.02	01Jan2006, 12:08	32.1
WCT9_4	0.0492	136.36	01Jan2006, 12:07	10.74
WCT9_5	0.171	379.09	01Jan2006, 12:14	38.75
WCT9_6	0.155	425.04	01Jan2006, 12:07	34.52
WCT9_MLK	0.522	907.44	01Jan2006, 12:30	115.78
WCT9_PooleRd	0.155	407.01	01Jan2006, 12:10	34.51
WC_1	0.6191	963.13	01Jan2006, 12:24	125.37
WC_10	0.3731	579.66	01Jan2006, 12:24	75.34
WC_11	0.5628	1333.55	01Jan2006, 12:13	131.81
WC_12	0.008	26.22	01Jan2006, 12:02	1.68
WC_13	0.1335	342.83	01Jan2006, 12:09	29.49
WC_14	0.0276	84.33	01Jan2006, 12:04	5.76
WC_15	0.0282	118.2	01Jan2006, 12:03	8.83
WC_16	0.1376	415.75	01Jan2006, 12:11	43.27
WC_17	0.115	350.09	01Jan2006, 12:11	35.58
WC_18	0.1116	238.71	01Jan2006, 12:12	22.94
WC_19	0.3417	852.2	01Jan2006, 12:12	83.57
WC_2	0.1517	259.82	01Jan2006, 12:16	28.07
WC_20	0.0332	149.11	01Jan2006, 12:00	9.56
WC_21	0.076	154.39	01Jan2006, 12:16	16.66
WC_22	0.0499	202.49	01Jan2006, 12:03	14.31
WC_23	0.5254	1064.17	01Jan2006, 12:20	130.62
WC_24	0.0575	198.94	01Jan2006, 12:06	16.3
WC_25	0.3527	1092.77	01Jan2006, 12:07	89.29
WC_26	0.0221	97.78	01Jan2006, 12:02	6.91
WC_27	0.0287	116.59	01Jan2006, 12:04	9.12
WC_28	0.4701	1446.71	01Jan2006, 12:09	133.75

WC_29	0.2428	474.66	01Jan2006, 12:16	51.47
WC_3	0.1596	323.74	01Jan2006, 12:13	32.25
WC_30	0.0864	259.78	01Jan2006, 12:04	18.38
WC_31	0.0093	26.83	01Jan2006, 12:04	1.85
WC_32	0.1026	250.12	01Jan2006, 12:08	20.39
WC_33	1.5394	2807.24	01Jan2006, 12:18	318.25
WC_34	0.0766	298.13	01Jan2006, 12:03	20.63
WC_35	0.019	74.11	01Jan2006, 12:03	5.41
WC_36	0.2917	717.38	01Jan2006, 12:15	77.25
WC_37	0.055	171.75	01Jan2006, 12:03	11.44
WC_38	0.6557	1090.4	01Jan2006, 12:29	158.02
WC_39	0.0947	292.66	01Jan2006, 12:05	21.22
WC_4	0.5381	910.87	01Jan2006, 12:14	90.84
WC_40	0.0823	183.02	01Jan2006, 12:11	16.75
WC_41	0.5422	1350.75	01Jan2006, 12:17	161.81
WC_42	0.5619	904.89	01Jan2006, 12:28	129.34
WC_43	0.8865	1251.81	01Jan2006, 12:36	203.05
WC_5	0.5983	619.42	01Jan2006, 12:30	90.78
WC_6	0.0706	162.95	01Jan2006, 12:09	13.64
WC_7	0.2568	635.78	01Jan2006, 12:12	61.91
WC_8	0.0099	25.99	01Jan2006, 12:05	1.83
WC_9	0.2186	361.4	01Jan2006, 12:23	46.44
Watson Generic Reservoir	0.1687	215.87	01Jan2006, 12:33	35.46
White Oak Lake	0.5201	690.62	01Jan2006, 12:36	114.15
WildBT1_1	0.0362	117.34	01Jan2006, 12:05	8.82
WildBT1_2	0.1749	424.3	01Jan2006, 12:09	35.89
WildBT1_3	0.1834	475.32	01Jan2006, 12:12	46.58
WildBT1_4	0.0339	150.13	01Jan2006, 12:01	10.23
WildBT1_5	0.1682	540.59	01Jan2006, 12:07	44.65
WildBT2_1	0.0239	54.97	01Jan2006, 12:09	4.74
WildBT2_2	0.1578	259.26	01Jan2006, 12:11	23.89
WildBTrb1_Tryon_And_Chapanoke	0.2021	260.76	01Jan2006, 12:28	54.8
WildB_1	0.1177	399.42	01Jan2006, 12:07	33.71
WildB_2	0.1698	492.56	01Jan2006, 12:12	51.8
WildB_3	0.2929	565.31	01Jan2006, 12:21	70.09
WildB_4	0.1163	283.27	01Jan2006, 12:16	31.75
WildB_5	0.0353	75.74	01Jan2006, 12:07	5.8
WildB_6	0.0548	114.9	01Jan2006, 12:09	9.9
WildB_7	0.3393	533.05	01Jan2006, 12:25	70.91
WildB_8	0.0248	84.88	01Jan2006, 12:00	4.82
WildB_9	0.1569	323.91	01Jan2006, 12:13	31.89

GLOBAL SUMMARY
Post Detained 100-Year 24-Hour Storm

Hydrologic Element	Drainage Area (MI2)	Peak Discharge (CFS)	Time of Peak	Volume (AC-FT)
197	46.0557	8832.86	01Jan2006, 21:51	6491.21
72_CarolinaPines_WCT13	0.5049	1081.26	01Jan2006, 12:32	127.19
AreaA	0.0567	160.79	01Jan2006, 12:13	15.84
AreaB1	0.019	43.97	01Jan2006, 12:04	3.03
AreaB2	0.059	146.73	01Jan2006, 12:09	12.18
AreaC1	0.0168	76.22	01Jan2006, 12:06	6.94
Avent Ferry Dr	1.1695	1314.6	01Jan2006, 13:03	341.13
BBT1_1	0.5004	733.6	01Jan2006, 12:41	128.64
BBT1_2	0.272	700.89	01Jan2006, 12:14	70.1
BBT1_3	3.9284	4041.28	01Jan2006, 13:02	898.01
BBT2_1	0.2378	366.73	01Jan2006, 12:36	59.8
BBT2_2	0.1003	214.93	01Jan2006, 12:18	24.1
BBT2_3	0.0099	42.94	01Jan2006, 12:00	2.48
BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
BBT3A_1	0.0277	42.88	01Jan2006, 12:17	4.72
BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
BBT3_1	0.2625	452.14	01Jan2006, 12:28	64.1
BBT3_2	0.2544	463.74	01Jan2006, 12:27	64.6
BBT3_3	0.1488	260.09	01Jan2006, 12:20	30.85
BBT3_4	0.1146	292.75	01Jan2006, 12:10	26.01
BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
BBT4A_1	0.0355	87.81	01Jan2006, 12:09	7.31
BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
BBT4_1	0.2036	390.55	01Jan2006, 12:17	42.61
BBT4_2	0.3116	435.29	01Jan2006, 12:28	61.59
BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
BBT5_1	0.1414	336.8	01Jan2006, 12:08	26.84
BBT5_2	0.1343	191.74	01Jan2006, 12:22	24.05
BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
BB_1	0.3673	497.41	01Jan2006, 12:41	86.6
BB_2	0.4078	648.76	01Jan2006, 12:32	98.92
BB_3	0.1114	350.82	01Jan2006, 12:11	33.17
BB_4	0.2583	531.01	01Jan2006, 12:15	54.44
BB_5	0.2954	549.81	01Jan2006, 12:17	60.92
BB_6	0.006	19.38	01Jan2006, 12:04	1.3
BB_7	1.233	1450.6	01Jan2006, 12:43	258.55
BigBranchTrib1_I40Xsing	3.9284	2251.63	01Jan2006, 13:54	888.32
BigBranchTrib3_I40Xsing	0.9359	1471.9	01Jan2006, 12:48	223.06
BigBrnch_AuburnChurchRd_US	1.233	1449.16	01Jan2006, 12:44	258.29
BushBT1_1	0.0988	319.64	01Jan2006, 12:08	26.68
BushBT1_2	0.1312	595.78	01Jan2006, 12:04	43.01
BushBT1_3	0.1465	510.8	01Jan2006, 12:12	52.97
BushB_2	0.1747	510.94	01Jan2006, 12:12	49.05
BushB_3	0.177	574.49	01Jan2006, 12:10	51.72
BushB_4	0.1027	386.84	01Jan2006, 12:06	30.56
Bushy Branch Generic Reservoir	0.972	1906.07	01Jan2006, 12:30	310.68
Bypass	0.0377	141	01Jan2006, 12:08	12.19
CBT1_1	0.0096	40.29	01Jan2006, 11:58	2.18

CBT1_2	0.0184	93.43	01Jan2006, 11:59	5.32
CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
CB_1	0.0436	200.08	01Jan2006, 12:03	13.49
CB_2	0.0701	336.52	01Jan2006, 12:00	20.03
CB_3	0.1607	467.04	01Jan2006, 12:13	47.39
CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
Cary Towne Blvd	1.4288	2281.46	01Jan2006, 12:20	473.86
DortheaDixFarmPnd_WCT16	0.2939	751.96	01Jan2006, 12:16	65
GB_1	0.2347	743.68	01Jan2006, 12:13	74.22
GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
GatlingBranch_I40Xsing	0.401	1132.88	01Jan2006, 12:21	120.85
I-440 Beltline	0.5468	853.65	01Jan2006, 12:44	161.02
J_BBT1_1	5.8992	3758.78	01Jan2006, 13:32	1360.48
J_BBT1_1_BB_2	11.6903	9359.1	01Jan2006, 13:25	2625.99
J_BBT1_2	4.2004	2305.21	01Jan2006, 14:04	955.02
J_BBT1_3	3.9284	2251.63	01Jan2006, 13:54	888.32
J_BBT2_1	0.508	991.56	01Jan2006, 12:37	126.38
J_BBT2_1_BB_3	5.3834	5570.77	01Jan2006, 12:48	1174.38
J_BBT2_2	0.2702	642.11	01Jan2006, 12:19	66.89
J_BBT2_3	0.1698	428.03	01Jan2006, 12:14	42.86
J_BBT2_4	0.16	494.54	01Jan2006, 12:08	40.42
J_BBT3A_1	0.2329	497.2	01Jan2006, 12:20	51.35
J_BBT3A_1_BBT3_3	0.6816	1547.61	01Jan2006, 12:24	159.21
J_BBT3A_2	0.2052	455.46	01Jan2006, 12:15	46.72
J_BBT3_1	1.1985	1737.36	01Jan2006, 12:53	286.58
J_BBT3_1_BBT1_2	5.3988	3457.32	01Jan2006, 13:12	1241.6
J_BBT3_2	0.9359	1471.9	01Jan2006, 12:48	223.06
J_BBT3_3	0.4486	1071.22	01Jan2006, 12:25	107.86
J_BBT3_4	0.2998	823.85	01Jan2006, 12:16	77.22
J_BBT3_5	0.1852	573.24	01Jan2006, 12:10	51.32
J_BBT4A_1	0.239	650.49	01Jan2006, 12:11	52.87
J_BBT4A_1_BBT4_2	0.7267	1155.15	01Jan2006, 12:25	146.7
J_BBT4A_2	0.2035	565.01	01Jan2006, 12:08	45.61
J_BBT4_1	0.9302	1381.42	01Jan2006, 12:28	188.65
J_BBT4_2	0.4876	865.9	01Jan2006, 12:28	93.82
J_BBT4_3	0.176	430.61	01Jan2006, 12:06	32.47
J_BBT5_1	0.8798	983.6	01Jan2006, 12:47	189.82
J_BBT5_1_BB_7	2.1128	2429.37	01Jan2006, 12:45	448.11
J_BBT5_2	0.7384	930.88	01Jan2006, 12:41	163.38
J_BBT5_3	0.6041	811.89	01Jan2006, 12:40	139.54
J_BB_1	12.0576	9570.54	01Jan2006, 13:27	2700.03
J_BB_1_WC_5	43.4338	12380.86	01Jan2006, 13:40	8416
J_BB_2	5.7911	5893.99	01Jan2006, 13:08	1265.51
J_BB_3	4.8754	4993.09	01Jan2006, 13:05	1048
J_BB_4	3.6026	3562.52	01Jan2006, 13:02	747.41
J_BB_5	2.4141	2571.54	01Jan2006, 13:01	507.9
J_BB_5_BBT4_1	3.3443	3456.35	01Jan2006, 12:47	696.55
J_BB_6	2.1187	2431.38	01Jan2006, 12:48	448.99
J_BB_7	1.233	1449.16	01Jan2006, 12:44	258.29
J_BushBT1_1	0.3765	1118.8	01Jan2006, 12:20	122.28

J_BushBT1_1_BushB_2	1.7003	2965.55	01Jan2006, 12:24	531.93
J_BushBT1_2	0.2777	936.43	01Jan2006, 12:07	95.93
J_BushBT1_3	0.1465	510.8	01Jan2006, 12:12	52.97
J_BushBT2_1	0.1979	635.38	01Jan2006, 12:08	54.34
J_BushBT2_2	0.1777	560.41	01Jan2006, 12:09	47.87
J_BushBT2_T4_T5	0.8692	3435.51	01Jan2006, 12:12	281.08
J_BushBT3_1	0.2231	1057.78	01Jan2006, 12:06	74.83
J_BushBT3_1_BushBT4_2	0.4202	1926.89	01Jan2006, 12:05	139.17
J_BushBT3_2	0.1883	939.35	01Jan2006, 12:03	66.27
J_BushBT4_1	0.4765	2068.01	01Jan2006, 12:13	161.14
J_BushBT4_2	0.1972	899.48	01Jan2006, 12:03	64.34
J_BushBT4_3	0.1642	796.75	01Jan2006, 12:03	56.85
J_BushBT5_1	0.1949	799.57	01Jan2006, 12:11	65.6
J_BushBT5_2	0.1609	668.9	01Jan2006, 12:06	53.13
J_BushB_1	1.9187	3357.16	01Jan2006, 12:31	602.52
J_BushB_2	1.3238	1914.87	01Jan2006, 12:26	409.64
J_BushB_3	1.149	1749.52	01Jan2006, 13:02	361.74
J_BushB_4	0.972	1710.02	01Jan2006, 12:52	310.43
J_CBT1_1	0.1972	716.32	01Jan2006, 12:13	63.81
J_CBT1_1_CB_3	0.5256	1730.35	01Jan2006, 12:14	161.91
J_CBT1_2	0.1876	709.11	01Jan2006, 12:09	61.69
J_CBT1_3	0.1693	681	01Jan2006, 12:07	56.4
J_CB_1	0.6393	1823.38	01Jan2006, 12:26	194.88
J_CB_2	0.5958	1786.14	01Jan2006, 12:20	181.66
J_CB_3	0.3284	1015.89	01Jan2006, 12:14	98.1
J_CB_4	0.1677	548.94	01Jan2006, 12:11	50.76
J_CryTwnBlvdRes_WC_42	1.9907	3415.84	01Jan2006, 12:22	645.44
J_GB_1	0.401	1132.88	01Jan2006, 12:21	120.85
J_GB_2	0.1663	547.03	01Jan2006, 12:09	46.84
J_PBT1_1	0.1747	263.87	01Jan2006, 12:18	28.81
J_PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
J_PB_1	1.1613	1633.65	01Jan2006, 12:40	269.69
J_PB_1_BB_4	4.7639	4945.28	01Jan2006, 12:58	1017.1
J_PB_2	0.9862	1432.11	01Jan2006, 12:36	227.16
J_PB_3	0.6575	1087.99	01Jan2006, 12:35	166.61
J_PB_3_PBT1_1	0.8323	1270.94	01Jan2006, 12:32	195.41
J_PB_4	0.2727	457.89	01Jan2006, 12:19	63.09
J_RBT1_1	0.2582	1218.44	01Jan2006, 12:11	91.99
J_RBT1_1_RB_7	2.3635	3512.63	01Jan2006, 12:33	728.38
J_RBT1_2	0.2113	1118.56	01Jan2006, 12:02	76.81
J_RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
J_RB_1	3.146	3206.38	01Jan2006, 13:37	986.73
J_RB_10	1.4554	2603.12	01Jan2006, 12:41	455.4
J_RB_11	1.1918	2460.48	01Jan2006, 12:32	373.93
J_RB_12	0.9269	2180.23	01Jan2006, 12:26	287.77
J_RB_13	0.6298	1446.35	01Jan2006, 12:23	187.95
J_RB_14	0.5006	1281.03	01Jan2006, 12:16	153.66
J_RB_15	0.3472	876.93	01Jan2006, 12:07	107.25
J_RB_16	0.2576	611.71	01Jan2006, 12:20	79.51
J_RB_17	0.1645	647.25	01Jan2006, 12:05	47.84

J_RB_1_WC_21	20.4469	7529.08	01Jan2006, 13:36	5073.47
J_RB_2	3.0953	3193.05	01Jan2006, 13:34	967.87
J_RB_3	2.9041	3617.26	01Jan2006, 12:54	913.78
J_RB_4	2.7305	3532.16	01Jan2006, 12:49	853.27
J_RB_5	2.5176	3367.63	01Jan2006, 12:48	775.53
J_RB_6	2.4713	3351.68	01Jan2006, 12:42	765.89
J_RB_7	2.1053	3208.65	01Jan2006, 12:33	637.21
J_RB_8	1.9409	3084.25	01Jan2006, 12:19	596.91
J_RB_9	1.7677	2779.52	01Jan2006, 12:45	533.52
J_SB_1	1.2176	1329.2	01Jan2006, 13:08	357.55
J_SB_1_WC_30	8.9555	3572.97	01Jan2006, 15:20	2319.98
J_SB_2	1.1695	1667.15	01Jan2006, 12:28	341.13
J_SB_3	1.0274	1554.8	01Jan2006, 12:33	300.75
J_SB_4	0.7737	1241.69	01Jan2006, 12:38	227.83
J_SB_5	0.5468	1066.03	01Jan2006, 12:29	161.13
J_SB_6	0.5201	1221.5	01Jan2006, 12:18	158.61
J_SB_7	0.417	984.79	01Jan2006, 12:22	128.19
J_SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
J_WC37_WCT25_1	3.3506	3363.25	01Jan2006, 13:06	1048.44
J_WCT10_1	0.3311	726.87	01Jan2006, 12:22	103.09
J_WCT10_2	0.2318	511.4	01Jan2006, 12:29	68.91
J_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
J_WCT11_1_WC_19	23.3569	9740.96	01Jan2006, 13:42	5812.22
J_WCT11_2	0.342	743.71	01Jan2006, 12:19	84.24
J_WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
J_WCT12A_1	0.2874	839.4	01Jan2006, 12:20	88.61
J_WCT12A_1_WCT12_4	0.8089	1235.38	01Jan2006, 12:21	230.57
J_WCT12A_2	0.2173	719.78	01Jan2006, 12:12	64.13
J_WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
J_WCT12B_1	0.0844	340.9	01Jan2006, 12:06	24.45
J_WCT12_1	1.1374	802.73	01Jan2006, 13:34	336.86
J_WCT12_1_WC_22	17.14	4867.06	01Jan2006, 15:29	4086.4
J_WCT12_2	0.9312	778.93	01Jan2006, 12:58	260.29
J_WCT12_3	0.8193	1245.49	01Jan2006, 12:24	233.69
J_WCT12_4	0.5215	504.1	01Jan2006, 12:41	141.95
J_WCT12_5_1_WCT12B_1	0.2754	245.11	01Jan2006, 12:51	77.94
J_WCT12_5_2	0.4333	455.69	01Jan2006, 12:35	117.61
J_WCT12_6	0.191	456.78	01Jan2006, 12:17	54.44
J_WCT13_1	0.6855	921.16	01Jan2006, 13:10	181.14
J_WCT13_1_WC_23	15.9359	4631.25	01Jan2006, 16:20	3755.66
J_WCT13_2	0.5049	1081.26	01Jan2006, 12:32	127.19
J_WCT13_3	0.4078	1083.93	01Jan2006, 12:19	104.67
J_WCT13_4	0.2575	735.66	01Jan2006, 12:10	66.77
J_WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
J_WCT14_1	0.3417	942.55	01Jan2006, 12:15	96.43
J_WCT14_1_WC_24	14.6682	5027.91	01Jan2006, 14:58	3456.27
J_WCT14_2	0.2542	670.48	01Jan2006, 12:06	68.31
J_WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
J_WCT15_1	0.3746	860.55	01Jan2006, 12:08	122.14
J_WCT15_1_WC_25	14.269	5103.83	01Jan2006, 14:34	3377.01

J_WCT15_2	0.2481	405.72	01Jan2006, 12:32	73.66
J_WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
J_WCT16_1	0.305	760.62	01Jan2006, 12:19	67.58
J_WCT16_1_WC_26	13.5417	5315.44	01Jan2006, 14:10	3194.37
J_WCT16_2	0.2939	751.96	01Jan2006, 12:16	65
J_WCT16_3	0.2106	708.6	01Jan2006, 12:09	48.27
J_WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
J_WCT17_1	1.0661	1161.96	01Jan2006, 12:40	262.37
J_WCT17_1_WC_27	13.2146	5349.24	01Jan2006, 13:58	3143.02
J_WCT17_2	0.7076	841.01	01Jan2006, 12:45	193.74
J_WCT17_3	0.6196	1322.19	01Jan2006, 12:15	168.48
J_WCT17_4	0.4336	889.73	01Jan2006, 12:31	120.19
J_WCT17_5	0.2541	659.9	01Jan2006, 12:28	70.03
J_WCT17_6	0.2078	756.96	01Jan2006, 12:15	57.59
J_WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
J_WCT18_1	0.5326	1346.65	01Jan2006, 12:27	178.39
J_WCT18_2	0.3909	1503.2	01Jan2006, 12:13	131.32
J_WCT18_3	0.2968	1204.02	01Jan2006, 12:06	98.51
J_WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
J_WCT19_1	0.3147	771.46	01Jan2006, 12:08	93.57
J_WCT19_2	0.1616	338.89	01Jan2006, 12:16	53.29
J_WCT1_1	0.5662	1264.37	01Jan2006, 12:26	150.4
J_WCT1_1_WC_2	45.4366	8943.39	01Jan2006, 20:34	7343.22
J_WCT1_2	0.2847	708	01Jan2006, 12:21	74.16
J_WCT1_3	0.2476	655.78	01Jan2006, 12:15	62.96
J_WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
J_WCT20_1	0.2318	967.54	01Jan2006, 12:15	82.17
J_WCT20_1_WC_32	7.3276	3281.33	01Jan2006, 15:18	1855.96
J_WCT20_2	0.2266	961.48	01Jan2006, 12:13	80.93
J_WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
J_WCT21_1	0.2359	393.54	01Jan2006, 12:06	70.23
J_WCT21_2	0.2181	350.26	01Jan2006, 12:04	67.19
J_WCT21_3	0.1657	148.03	01Jan2006, 12:33	51.24
J_WCT22_1	0.5905	661.13	01Jan2006, 13:09	213.68
J_WCT22_1_WC_34	5.2179	4290.38	01Jan2006, 13:33	1647.74
J_WCT22_2	0.5242	942.36	01Jan2006, 12:21	193.21
J_WCT22_3	0.347	506.93	01Jan2006, 12:32	135.63
J_WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
J_WCT23_1	0.2075	676.53	01Jan2006, 12:17	62.79
J_WCT23_2	0.2045	672.96	01Jan2006, 12:14	61.75
J_WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
J_WCT24_1	0.682	1547.88	01Jan2006, 12:38	196.12
J_WCT24_1_WC_36	4.3244	3922.89	01Jan2006, 12:42	1343.12
J_WCT24_2	0.6657	1538.69	01Jan2006, 12:35	190.96
J_WCT24_3	0.5429	1404.97	01Jan2006, 12:21	157.94
J_WCT24_4	0.2916	841.16	01Jan2006, 12:14	85.58
J_WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
J_WCT25_1	0.1626	557.06	01Jan2006, 12:10	47.31
J_WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
J_WCT26_1	0.3096	309.39	01Jan2006, 12:14	88.43

J_WCT26_1_WC_40	2.3827	3553.27	01Jan2006, 12:33	753.46
J_WCT26_2	0.2949	295.36	01Jan2006, 12:43	83.16
J_WCT26_3	0.1835	202.53	01Jan2006, 12:34	46.82
J_WCT2_1	0.3015	647.06	01Jan2006, 12:18	64.96
J_WCT2_1_WC_3	44.7186	8977.11	01Jan2006, 15:27	7716.39
J_WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
J_WCT3_1	0.2856	511.66	01Jan2006, 12:20	64.27
J_WCT3_1_WC_4	44.2575	10592.28	01Jan2006, 14:12	8131.36
J_WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
J_WCT4_1	0.2291	531.56	01Jan2006, 12:19	48.59
J_WCT4_1_WC_6	30.7779	7827.61	01Jan2006, 18:50	5856.1
J_WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
J_WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
J_WCT5_1_1	0.4649	1017.4	01Jan2006, 12:30	142.71
J_WCT5_1_1_WC_7	30.4782	7914.49	01Jan2006, 18:10	6086.78
J_WCT5_1_2_WCT5A_1	0.2816	811.87	01Jan2006, 12:19	84.17
J_WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
J_WCT6_1	0.3532	1048.38	01Jan2006, 12:14	96.43
J_WCT6_1_WC_8	29.7566	7910.41	01Jan2006, 17:42	6034.39
J_WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
J_WCT7_1	0.3685	882.21	01Jan2006, 12:22	103.72
J_WCT7_1_WC_12	28.2391	8377.29	01Jan2006, 15:53	6424.35
J_WCT7_2	0.2674	720.53	01Jan2006, 12:15	76.39
J_WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
J_WCT8A_1	0.272	769.61	01Jan2006, 12:18	79.77
J_WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
J_WCT8_1	1.5766	2214.98	01Jan2006, 13:02	453.37
J_WCT8_1_WC_13	27.8626	8352.9	01Jan2006, 15:44	6384.74
J_WCT8_2	1.394	2101.11	01Jan2006, 12:51	380.95
J_WCT8_3	1.2056	2183.72	01Jan2006, 12:31	324.91
J_WCT8_4	0.769	1287.26	01Jan2006, 12:31	196.4
J_WCT8_4_WCT8A_1	1.041	1925.32	01Jan2006, 12:25	276.17
J_WCT8_5	0.5591	976	01Jan2006, 12:31	138.36
J_WCT8_6	0.3137	690.76	01Jan2006, 12:24	73.94
J_WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
J_WCT9_1	0.6223	1106.57	01Jan2006, 12:46	183.82
J_WCT9_1_WC_14	26.1525	8379.67	01Jan2006, 15:19	6074.2
J_WCT9_2	0.5992	1098.12	01Jan2006, 12:43	177.88
J_WCT9_3	0.522	1063.35	01Jan2006, 12:34	154.65
J_WCT9_4	0.3752	1115.35	01Jan2006, 12:18	111.88
J_WCT9_5	0.326	1017.05	01Jan2006, 12:14	97.63
J_WCT9_6	0.155	515.77	01Jan2006, 12:12	46.09
J_WC_10_WC_9	29.3935	7885.91	01Jan2006, 17:31	6039.97
J_WC_11	28.8018	7989.45	01Jan2006, 16:50	6239.7
J_WC_12	27.8706	8329.67	01Jan2006, 15:54	6320.62
J_WC_13	26.286	8115.05	01Jan2006, 15:46	5931.37
J_WC_14	25.5302	8283.57	01Jan2006, 15:19	5890.38
J_WC_15	25.1716	8235.27	01Jan2006, 15:15	5794.53
J_WC_15_WCT10_1	25.5027	8288.26	01Jan2006, 15:15	5897.61
J_WC_16	25.1434	8239.99	01Jan2006, 15:11	5799.08

J_WC_17	24.6048	8653.68	01Jan2006, 14:38	5759.8
J_WC_17_GB_1	25.0057	8723.65	01Jan2006, 14:38	5880.65
J_WC_18	23.4685	9115.61	01Jan2006, 14:08	5660.9
J_WC_19	22.9079	9600.97	01Jan2006, 13:43	5693.87
J_WC_2	44.8703	8908.64	01Jan2006, 20:36	7192.82
J_WC_20	20.4802	7406.54	01Jan2006, 13:50	5026.87
J_WC_21	17.301	4826.03	01Jan2006, 16:28	4086.74
J_WC_22	16.0026	4579.08	01Jan2006, 17:12	3749.53
J_WC_23	15.2503	4512.6	01Jan2006, 16:29	3574.52
J_WC_24	14.3265	4975.52	01Jan2006, 14:58	3359.84
J_WC_25	13.8944	5035.94	01Jan2006, 14:35	3254.87
J_WC_26	13.2367	5262.22	01Jan2006, 14:10	3126.79
J_WC_27	12.1485	4662.11	01Jan2006, 14:07	2880.66
J_WC_28_WCT18_1	12.1198	8406.25	01Jan2006, 12:28	3312.96
J_WC_29	9.1984	3546.01	01Jan2006, 15:43	2361.01
J_WC_29_BushB_1	11.1171	6350.78	01Jan2006, 12:31	2963.53
J_WC_3	44.4171	8939.99	01Jan2006, 15:28	7651.43
J_WC_30	7.738	3325.32	01Jan2006, 15:30	1962.43
J_WC_31	7.3369	3281.01	01Jan2006, 15:21	1855.84
J_WC_31_WCT19_1	7.6516	3325.82	01Jan2006, 15:21	1949.41
J_WC_32	7.0958	3245.42	01Jan2006, 15:18	1773.79
J_WC_33_WCT21_1	6.9932	7015.16	01Jan2006, 12:19	2148.24
J_WC_34	4.6274	3670.62	01Jan2006, 13:42	1434.06
J_WC_35	4.3433	3918.42	01Jan2006, 12:45	1349.37
J_WC_35_WCT23_1	4.5508	4108.69	01Jan2006, 12:42	1412.16
J_WC_36	3.6423	3364.63	01Jan2006, 13:35	1147
J_WC_37	3.188	3303.37	01Jan2006, 13:07	1001.12
J_WC_38	3.133	3452.05	01Jan2006, 12:50	985.77
J_WC_39	2.4774	3385.88	01Jan2006, 12:46	778.83
J_WC_4	43.9719	10537.94	01Jan2006, 14:12	8067.09
J_WC_40	2.073	3246.65	01Jan2006, 12:33	665.03
J_WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
J_WC_5	31.3762	7836.05	01Jan2006, 19:22	5715.97
J_WC_6	30.5488	7811.36	01Jan2006, 18:50	5807.51
J_WC_7	30.0134	7871.68	01Jan2006, 18:10	5944.07
J_WC_8	29.4034	7878.06	01Jan2006, 17:42	5937.96
J_WildBT1_1	0.5965	1408.24	01Jan2006, 12:16	191.21
J_WildBT1_1_WildB_5	1.3893	2522.63	01Jan2006, 12:23	398.24
J_WildBT1_2	0.5604	1327.77	01Jan2006, 12:13	179.78
J_WildBT1_3	0.3855	849.8	01Jan2006, 12:13	131.32
J_WildBT1_4	0.2021	274.72	01Jan2006, 12:31	70.66
J_WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
J_WildBT2_1	0.1817	291.54	01Jan2006, 12:24	40.45
J_WildBT2_1_WildB_6	0.7574	1513.04	01Jan2006, 12:31	199.2
J_WildBT2_2	0.1578	255.03	01Jan2006, 12:23	34.06
J_WildB_1	2.086	2255.96	01Jan2006, 13:22	635.88
J_WildB_1_WC_20	22.5662	9544.19	01Jan2006, 13:38	5662.75
J_WildB_2	1.9683	2220.01	01Jan2006, 13:21	593.12
J_WildB_3	1.7985	2918.95	01Jan2006, 12:54	528.42
J_WildB_4	1.5056	2760.97	01Jan2006, 12:31	438.1

J_WildB_5	0.7927	1534.04	01Jan2006, 12:37	207.03
J_WildB_6	0.5757	1231.57	01Jan2006, 12:31	158.75
J_WildB_7	0.5209	1175.64	01Jan2006, 12:24	145.36
J_WildB_8	0.1817	458.1	01Jan2006, 12:18	49.78
J_WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25
J_WtsnB_1	1.0213	2226.47	01Jan2006, 12:42	310.19
J_WtsnB_1_WC_18	24.4898	9368.83	01Jan2006, 14:07	5971.09
J_WtsnB_2	0.2643	625.99	01Jan2006, 12:03	78.49
J_WtsnB_2_CB_1	0.9036	2131.38	01Jan2006, 12:26	273.37
J_WtsnB_3	0.1687	408.5	01Jan2006, 12:18	47.81
J_WtsnB_4	0.1534	396.6	01Jan2006, 12:16	43.57
Lake Raleigh	12.1198	4752.57	01Jan2006, 13:57	2939.77
Lake_Johnson	6.9932	3232.86	01Jan2006, 15:13	1778.87
PBT1_1	0.0066	16.61	01Jan2006, 12:05	1.2
PBT1_2	0.1682	256.8	01Jan2006, 12:16	27.64
PB_1	0.1751	368.68	01Jan2006, 12:19	43.2
PB_2	0.154	286.32	01Jan2006, 12:18	32.21
PB_3	0.3848	777.64	01Jan2006, 12:25	103.97
PB_4_1	0.1089	234.1	01Jan2006, 12:16	25.25
PB_4_2	0.1638	286.07	01Jan2006, 12:25	37.85
Pineview Dr	0.7737	1241.56	01Jan2006, 12:38	227.83
PoplarBranch_I40	0.1638	252.79	01Jan2006, 12:36	37.85
Priv_1001_UnderwoodPond_WCT8	0.3137	690.76	01Jan2006, 12:24	73.94
Private15_Ileagnes_WCT12	0.4333	455.69	01Jan2006, 12:35	117.61
Private23_GolfCourseC_WCT12	0.1614	432.95	01Jan2006, 12:17	46.6
Private36_GolfCourseA_WCT12B	0.0844	340.9	01Jan2006, 12:06	24.45
RBT1_1	0.0469	242.02	01Jan2006, 12:01	15.33
RBT1_2	0.0428	265.14	01Jan2006, 11:58	15.59
RBT1_3	0.1685	927.97	01Jan2006, 12:01	61.25
RB_1	0.0507	241.88	01Jan2006, 12:05	19.59
RB_10	0.2635	1114.12	01Jan2006, 12:05	82.39
RB_11	0.265	1019.08	01Jan2006, 12:08	86.73
RB_12	0.2971	834.38	01Jan2006, 12:18	100.11
RB_13	0.1292	457.85	01Jan2006, 12:06	34.59
RB_14	0.1534	532.64	01Jan2006, 12:09	46.74
RB_15	0.0896	389.01	01Jan2006, 12:04	27.8
RB_16	0.0931	419.02	01Jan2006, 12:05	32.21
RB_17	0.1645	647.25	01Jan2006, 12:05	47.84
RB_2	0.1911	593.88	01Jan2006, 12:12	58.06
RB_3	0.1736	715.88	01Jan2006, 12:07	61.57
RB_4	0.2129	773.88	01Jan2006, 12:11	77.94
RB_5	0.0463	164.9	01Jan2006, 12:03	10.79
RB_6	0.1078	541.48	01Jan2006, 12:03	38.2
RB_7	0.1644	558.69	01Jan2006, 12:06	42.4
RB_8	0.1732	718.73	01Jan2006, 12:08	63.8
RB_9	0.3123	914.59	01Jan2006, 12:09	79.48
R_BBT1_1	5.3988	3457.32	01Jan2006, 13:37	1231.84
R_BBT1_2	3.9284	2251.63	01Jan2006, 14:06	884.93
R_BBT2_1_1	0.2702	624.83	01Jan2006, 12:37	66.59
R_BBT2_1_2	0.2702	624.83	01Jan2006, 12:26	66.8

R_BBT2_2	0.1698	428.03	01Jan2006, 12:20	42.79
R_BBT2_3	0.16	418.25	01Jan2006, 12:14	40.38
R_BBT3A_1	0.2052	455.46	01Jan2006, 12:21	46.63
R_BBT3_1	0.9359	1471.9	01Jan2006, 12:57	222.47
R_BBT3_2	0.6816	1547.61	01Jan2006, 12:37	158.6
R_BBT3_3	0.2998	823.85	01Jan2006, 12:26	77.01
R_BBT3_4	0.1852	573.24	01Jan2006, 12:18	51.21
R_BBT4A_1	0.2035	565.01	01Jan2006, 12:11	45.57
R_BBT4_1	0.7267	1155.15	01Jan2006, 12:39	146.04
R_BBT4_2	0.176	430.61	01Jan2006, 12:28	32.24
R_BBT5_1	0.7384	930.88	01Jan2006, 12:49	162.98
R_BBT5_2	0.6041	811.89	01Jan2006, 12:45	139.33
R_BB_1	11.6903	9359.1	01Jan2006, 13:40	2613.43
R_BB_2	5.3834	5570.77	01Jan2006, 13:09	1166.59
R_BB_3	4.7639	4945.28	01Jan2006, 13:05	1014.83
R_BB_4	3.3443	3456.35	01Jan2006, 13:03	692.96
R_BB_5	2.1187	2431.38	01Jan2006, 13:02	446.98
R_BB_6	2.1128	2429.37	01Jan2006, 12:48	447.68
R_BushBT1_1	0.2777	936.43	01Jan2006, 12:22	95.61
R_BushBT1_2	0.1465	510.8	01Jan2006, 12:16	52.92
R_BushBT3_1	0.1883	939.35	01Jan2006, 12:07	66.22
R_BushBT4_1	0.4202	1926.89	01Jan2006, 12:14	138.88
R_BushBT5_1	0.1609	668.9	01Jan2006, 12:12	53.06
R_BushB_1	1.7003	2965.55	01Jan2006, 12:32	530.88
R_BushB_2	1.149	1749.52	01Jan2006, 13:15	360.6
R_BushB_3_1	0.972	1674.71	01Jan2006, 13:03	310.02
R_BushB_3_2	0.972	1710.02	01Jan2006, 12:56	310.13
R_BushB_4_1	0.972	1710.02	01Jan2006, 12:52	310.43
R_BushB_4_2	0.8692	3435.51	01Jan2006, 12:18	280.68
R_CBT1_1	0.1876	709.11	01Jan2006, 12:13	61.63
R_CBT1_2	0.1693	681	01Jan2006, 12:10	56.36
R_CB_1	0.5958	1786.14	01Jan2006, 12:26	181.39
R_CB_2	0.5256	1730.35	01Jan2006, 12:21	161.63
R_CB_3	0.1677	548.94	01Jan2006, 12:15	50.71
R_GB_1	0.1663	547.03	01Jan2006, 12:25	46.64
R_PBT1_1	0.1682	256.8	01Jan2006, 12:19	27.61
R_PB_1	0.9862	1432.11	01Jan2006, 12:46	226.49
R_PB_2	0.8323	1270.94	01Jan2006, 12:40	194.95
R_PB_3	0.2727	457.89	01Jan2006, 12:43	62.64
R_RBT1_1	0.2113	1118.56	01Jan2006, 12:11	76.66
R_RBT1_2	0.1685	927.97	01Jan2006, 12:04	61.21
R_RB_1	3.0953	3193.05	01Jan2006, 13:37	967.14
R_RB_10	1.1918	2460.48	01Jan2006, 12:42	373.01
R_RB_11	0.9269	2180.23	01Jan2006, 12:34	287.2
R_RB_12	0.6298	1446.35	01Jan2006, 12:29	187.66
R_RB_13	0.5006	1281.03	01Jan2006, 12:24	153.36
R_RB_14_1	0.3472	858.94	01Jan2006, 12:19	106.92
R_RB_14_2	0.3472	876.93	01Jan2006, 12:17	106.99
R_RB_15	0.2576	611.71	01Jan2006, 12:23	79.45
R_RB_16_1	0.1645	453.48	01Jan2006, 12:21	47.3

R_RB_16_2	0.1645	453.48	01Jan2006, 12:13	47.4
R_RB_2	2.9041	3139.83	01Jan2006, 13:35	909.81
R_RB_3	2.7305	3532.16	01Jan2006, 12:54	852.21
R_RB_4	2.5176	3367.63	01Jan2006, 12:49	775.33
R_RB_5	2.4713	3351.68	01Jan2006, 12:48	764.74
R_RB_6	2.3635	3298.94	01Jan2006, 12:42	727.68
R_RB_7	1.9409	3084.25	01Jan2006, 12:33	594.81
R_RB_8	1.7677	2779.52	01Jan2006, 12:48	533.11
R_RB_9	1.4554	2603.12	01Jan2006, 12:53	454.04
R_SB_1	1.1695	1314.14	01Jan2006, 13:09	340.71
R_SB_2	1.0274	1553.68	01Jan2006, 12:37	300.38
R_SB_3	0.7737	1237.79	01Jan2006, 12:44	227.56
R_SB_4	0.5468	853.24	01Jan2006, 12:47	160.78
R_SB_7	0.1701	527.72	01Jan2006, 12:19	55.44
R_WCT10_1	0.2318	511.4	01Jan2006, 12:38	68.76
R_WCT11_1	0.449	1009.28	01Jan2006, 12:37	118.34
R_WCT11_2	0.16	342.77	01Jan2006, 12:26	35.54
R_WCT12A_1	0.2173	719.78	01Jan2006, 12:22	63.97
R_WCT12A_2	0.1534	498.02	01Jan2006, 12:12	43.28
R_WCT12B_1	0.0844	340.9	01Jan2006, 12:11	24.42
R_WCT12_1	0.9312	778.93	01Jan2006, 13:08	259.58
R_WCT12_2	0.8193	1245.49	01Jan2006, 12:30	233.32
R_WCT12_3	0.8089	1235.38	01Jan2006, 12:24	230.38
R_WCT12_4	0.4333	455.69	01Jan2006, 12:44	117.31
R_WCT12_5_1	0.191	456.78	01Jan2006, 12:24	54.34
R_WCT12_5_2	0.2754	245.11	01Jan2006, 12:55	77.85
R_WCT13_1	0.5049	1081.26	01Jan2006, 12:49	126.52
R_WCT13_2	0.4078	1083.93	01Jan2006, 12:27	104.44
R_WCT13_3	0.2575	735.66	01Jan2006, 12:20	66.59
R_WCT13_4	0.1561	430.94	01Jan2006, 12:14	39.37
R_WCT14_1	0.2542	670.48	01Jan2006, 12:16	68.12
R_WCT14_2_1	0.1748	379.31	01Jan2006, 12:16	42.24
R_WCT14_2_2	0.1748	379.31	01Jan2006, 12:12	42.28
R_WCT15_1	0.2481	405.72	01Jan2006, 12:41	73.49
R_WCT15_2	0.1794	533.97	01Jan2006, 12:18	51.52
R_WCT16_1	0.2939	751.96	01Jan2006, 12:19	64.94
R_WCT16_2	0.2106	708.6	01Jan2006, 12:14	48.2
R_WCT16_3	0.1646	601.61	01Jan2006, 12:09	38.91
R_WCT17_1	0.7076	841.01	01Jan2006, 13:08	192.54
R_WCT17_2	0.6196	1322.19	01Jan2006, 12:17	168.39
R_WCT17_3	0.4336	889.73	01Jan2006, 12:36	120.03
R_WCT17_4	0.2541	659.9	01Jan2006, 12:31	69.97
R_WCT17_5	0.2078	756.96	01Jan2006, 12:22	57.48
R_WCT17_7	0.1909	737.87	01Jan2006, 12:16	52.97
R_WCT18_1	0.3909	1503.2	01Jan2006, 12:20	131.11
R_WCT18_2	0.2968	1204.02	01Jan2006, 12:15	98.31
R_WCT18_3	0.2071	849.02	01Jan2006, 12:08	71.17
R_WCT19_1	0.1616	338.89	01Jan2006, 12:26	53.16
R_WCT1_1	0.2847	708	01Jan2006, 12:31	73.96
R_WCT1_2	0.2476	655.78	01Jan2006, 12:22	62.84

R_WCT1_3	0.1611	431.28	01Jan2006, 12:16	40.9
R_WCT20_1	0.2266	961.48	01Jan2006, 12:15	80.89
R_WCT20_2	0.169	773.77	01Jan2006, 12:14	61.56
R_WCT21_1	0.2181	350.26	01Jan2006, 12:07	67.14
R_WCT21_2	0.1657	148.03	01Jan2006, 12:38	51.18
R_WCT22_1	0.5242	942.36	01Jan2006, 12:33	192.71
R_WCT22_2	0.347	506.93	01Jan2006, 12:41	135.38
R_WCT22_3	0.2027	905.12	01Jan2006, 12:10	77.85
R_WCT23_1	0.2045	672.96	01Jan2006, 12:17	61.7
R_WCT23_2	0.1653	582.35	01Jan2006, 12:16	48.53
R_WCT24_1	0.6657	1538.69	01Jan2006, 12:38	190.81
R_WCT24_2	0.5429	1404.97	01Jan2006, 12:36	157.33
R_WCT24_3	0.2916	794.92	01Jan2006, 12:25	85.3
R_WCT24_4	0.1858	657.48	01Jan2006, 12:17	56.39
R_WCT25_1	0.1569	537.72	01Jan2006, 12:10	45.44
R_WCT26_1	0.2949	295.36	01Jan2006, 12:47	83.07
R_WCT26_2	0.1835	202.53	01Jan2006, 12:42	46.72
R_WCT2_1	0.1566	347.69	01Jan2006, 12:19	32.49
R_WCT3_1	0.1582	276.35	01Jan2006, 12:29	33.45
R_WCT4_1	0.1483	388.05	01Jan2006, 12:20	32.9
R_WCT5A_1	0.1308	470.63	01Jan2006, 12:09	40.18
R_WCT5_1_1	0.2816	811.87	01Jan2006, 12:34	83.86
R_WCT5_1_2	0.1508	523.9	01Jan2006, 12:23	44
R_WCT6_1	0.152	484.48	01Jan2006, 12:15	41.45
R_WCT7_1	0.2674	720.53	01Jan2006, 12:25	76.2
R_WCT7_2	0.2009	539.56	01Jan2006, 12:16	57.92
R_WCT7_2_1	0.2009	539.56	01Jan2006, 12:17	57.9
R_WCT8A_1	0.1499	440.43	01Jan2006, 12:19	42.36
R_WCT8_1	1.394	2101.11	01Jan2006, 13:04	379.6
R_WCT8_2	1.2056	2183.72	01Jan2006, 12:42	323.93
R_WCT8_3	1.041	1925.32	01Jan2006, 12:33	275.56
R_WCT8_4	0.5591	976	01Jan2006, 12:48	137.68
R_WCT8_5	0.3137	690.76	01Jan2006, 12:35	73.7
R_WCT8_6	0.1524	417.29	01Jan2006, 12:21	39.28
R_WCT9_1	0.5992	1098.12	01Jan2006, 12:47	177.7
R_WCT9_2	0.522	1063.35	01Jan2006, 12:44	154.26
R_WCT9_3	0.3752	1115.35	01Jan2006, 12:24	111.71
R_WCT9_4	0.326	1017.05	01Jan2006, 12:20	97.49
R_WCT9_5	0.155	515.77	01Jan2006, 12:14	46.06
R_WC_1	45.4366	8796.69	01Jan2006, 21:51	6321.15
R_WC_11	28.2391	7929.15	01Jan2006, 16:51	6065.26
R_WC_12	27.8626	8328.73	01Jan2006, 15:54	6318.36
R_WC_13	26.1525	8097.95	01Jan2006, 15:46	5891.94
R_WC_14	25.5027	8279.82	01Jan2006, 15:19	5882.61
R_WC_15	25.1434	8230.94	01Jan2006, 15:15	5783.43
R_WC_16	25.0057	8217.53	01Jan2006, 15:11	5744.75
R_WC_17	24.4898	8632.62	01Jan2006, 14:38	5715
R_WC_18	23.3569	9093.6	01Jan2006, 14:08	5629.85
R_WC_19	22.5662	9511.96	01Jan2006, 13:44	5584.1
R_WC_2	44.7186	8899.61	01Jan2006, 20:36	7154.14

R_WC_20	20.4469	7399.22	01Jan2006, 13:50	5014.66
R_WC_21	17.14	4804.71	01Jan2006, 16:28	4036.22
R_WC_22	15.9359	4571.28	01Jan2006, 17:12	3725.73
R_WC_23	14.6682	4444.62	01Jan2006, 16:33	3387.67
R_WC_24	14.269	4966.08	01Jan2006, 14:58	3338.98
R_WC_25	13.5417	4975.06	01Jan2006, 14:35	3138.27
R_WC_26	13.2146	5257.91	01Jan2006, 14:10	3118.11
R_WC_27	12.1198	4656.26	01Jan2006, 14:07	2869.23
R_WC_29	8.9555	3513.66	01Jan2006, 15:43	2291.72
R_WC_3	44.2575	8928.44	01Jan2006, 19:55	7607.64
R_WC_30	7.6516	3313.99	01Jan2006, 15:30	1937.68
R_WC_31	7.3276	3279.77	01Jan2006, 15:21	1853.32
R_WC_32	6.9932	3231.31	01Jan2006, 15:18	1746.03
R_WC_34	4.5508	3652.43	01Jan2006, 13:42	1407.41
R_WC_35	4.3244	3909.28	01Jan2006, 12:45	1342.45
R_WC_36	3.3506	3272.91	01Jan2006, 13:37	1046.95
R_WC_37	3.133	3286.82	01Jan2006, 13:07	985.66
R_WC_38	2.4774	2695.63	01Jan2006, 13:13	777.82
R_WC_39	2.3827	3342.14	01Jan2006, 12:46	750.52
R_WC_4	43.4338	10442.55	01Jan2006, 14:13	7939.92
R_WC_40	1.9907	3151.37	01Jan2006, 12:34	642.32
R_WC_41	0.8865	1383.19	01Jan2006, 13:26	268.79
R_WC_5	30.7779	7794.67	01Jan2006, 19:23	5586.63
R_WC_6	30.4782	7805.95	01Jan2006, 18:50	5788.85
R_WC_7	29.7566	7848.24	01Jan2006, 18:11	5862.56
R_WC_8	29.3935	7877.2	01Jan2006, 17:42	5935.44
R_WC_9	28.8018	7828.32	01Jan2006, 17:32	5875.26
R_WildBT1_1	0.5604	1327.77	01Jan2006, 12:17	179.61
R_WildBT1_2	0.3855	849.8	01Jan2006, 12:18	131.17
R_WildBT1_3	0.2021	274.72	01Jan2006, 12:39	70.54
R_WildBT1_4	0.1682	691.29	01Jan2006, 12:12	57.75
R_WildBT2_1	0.1578	255.03	01Jan2006, 12:29	34
R_WildB_1	1.9683	2220.01	01Jan2006, 13:23	592.82
R_WildB_2	1.7985	2918.95	01Jan2006, 12:59	527.73
R_WildB_3	1.5056	2760.97	01Jan2006, 12:43	436.74
R_WildB_4	1.3893	2522.63	01Jan2006, 12:33	397.21
R_WildB_5	0.7574	1513.04	01Jan2006, 12:37	198.88
R_WildB_6	0.5209	1175.64	01Jan2006, 12:32	145.06
R_WildB_7	0.1817	458.1	01Jan2006, 12:24	49.7
R_WildB_8	0.1569	438.27	01Jan2006, 12:18	43.2
R_WtsnB_1	0.9036	2131.38	01Jan2006, 12:42	272.27
R_WtsnB_2	0.1687	237.81	01Jan2006, 12:42	47.75
R_WtsnB_3	0.1534	396.6	01Jan2006, 12:18	43.55
RockyTrib1 Generic Reservoir	0.2582	304.65	01Jan2006, 12:27	91.16
SB_1	0.0481	260.66	01Jan2006, 12:01	16.84
SB_2	0.142	544.74	01Jan2006, 12:05	40.76
SB_3	0.2538	673.13	01Jan2006, 12:16	73.19
SB_4	0.2269	484.22	01Jan2006, 12:26	67.05
SB_5	0.0267	125.73	01Jan2006, 12:02	8.45
SB_6	0.103	345.88	01Jan2006, 12:09	30.43

SB_7	0.247	497.41	01Jan2006, 12:29	72.75
SB_8	0.1701	531.73	01Jan2006, 12:14	55.56
SCM A	0.0168	26.78	01Jan2006, 12:25	5.53
SCM B	0.0239	108.01	01Jan2006, 12:01	8.01
SCM C	0.0121	36.55	01Jan2006, 12:03	4.41
SCM D	0.0113	4.91	01Jan2006, 12:37	3.6
Sub 2 to SCM B	0.0239	165.54	01Jan2006, 11:56	9.89
Sub 3 to SCM C	0.0121	83.81	01Jan2006, 11:56	5.01
Sub 4 to SCM D	0.0113	78.2	01Jan2006, 11:56	4.67
WCLAKRA_LakeRaleighA_WCT18	0.5326	1346.65	01Jan2006, 12:27	178.39
WCT10_1	0.0994	315.24	01Jan2006, 12:15	34.33
WCT10_2	0.2318	570	01Jan2006, 12:20	68.92
WCT10_MLK	0.2318	511.4	01Jan2006, 12:29	68.91
WCT11_1	0.107	361.48	01Jan2006, 12:11	34.64
WCT11_2	0.182	494.23	01Jan2006, 12:13	48.7
WCT11_3	0.16	342.77	01Jan2006, 12:15	35.66
WCT11_I40	0.449	1009.28	01Jan2006, 12:21	118.86
WCT12A_1	0.0701	315.67	01Jan2006, 12:05	24.65
WCT12A_2	0.0638	224.59	01Jan2006, 12:10	20.85
WCT12A_3	0.1534	498.02	01Jan2006, 12:09	43.31
WCT12B_1	0.0844	356.87	01Jan2006, 12:03	24.55
WCT12_1	0.2062	862.82	01Jan2006, 12:08	77.92
WCT12_2	0.0529	155.31	01Jan2006, 12:12	14.88
WCT12_3	0.0104	48.76	01Jan2006, 12:03	3.31
WCT12_4	0.0882	319.05	01Jan2006, 12:06	24.65
WCT12_5_1	0.1579	383.69	01Jan2006, 12:16	41.64
WCT12_5_2	0.0296	139.27	01Jan2006, 11:59	7.84
WCT12_6	0.1614	435.53	01Jan2006, 12:16	47.06
WCT12_I40	1.1374	802.73	01Jan2006, 13:34	336.86
WCT12_RR_Xsing	0.2754	245.11	01Jan2006, 12:51	77.94
WCT12_SouthSaundersSt	0.9312	778.93	01Jan2006, 12:58	260.29
WCT13_1	0.1616	429.4	01Jan2006, 12:19	51.61
WCT13_2	0.0971	361.03	01Jan2006, 12:07	28.52
WCT13_3	0.1502	383.63	01Jan2006, 12:13	38.08
WCT13_4	0.1014	347.81	01Jan2006, 12:07	27.41
WCT13_5	0.1561	430.94	01Jan2006, 12:11	39.4
WCT13_I40	0.6855	921.16	01Jan2006, 13:10	181.14
WCT13_RRXsing	0.6855	974.88	01Jan2006, 13:00	181.15
WCT14_1	0.0875	326.76	01Jan2006, 12:08	28.3
WCT14_2	0.0794	356.89	01Jan2006, 12:04	26.07
WCT14_3	0.1748	617.52	01Jan2006, 12:04	42.33
WCT15_1	0.1265	578.72	01Jan2006, 12:06	48.65
WCT15_2	0.0686	286.23	01Jan2006, 12:06	22.15
WCT15_3	0.1794	533.97	01Jan2006, 12:12	51.6
WCT15_I40	0.2481	405.72	01Jan2006, 12:32	73.66
WCT16_1	0.0111	44.7	01Jan2006, 12:01	2.63
WCT16_2	0.0834	300.98	01Jan2006, 12:00	17.07
WCT16_3	0.0459	107.3	01Jan2006, 12:10	9.37
WCT16_4	0.1646	601.61	01Jan2006, 12:03	38.98
WCT17_1	0.3585	505.97	01Jan2006, 12:27	69.82

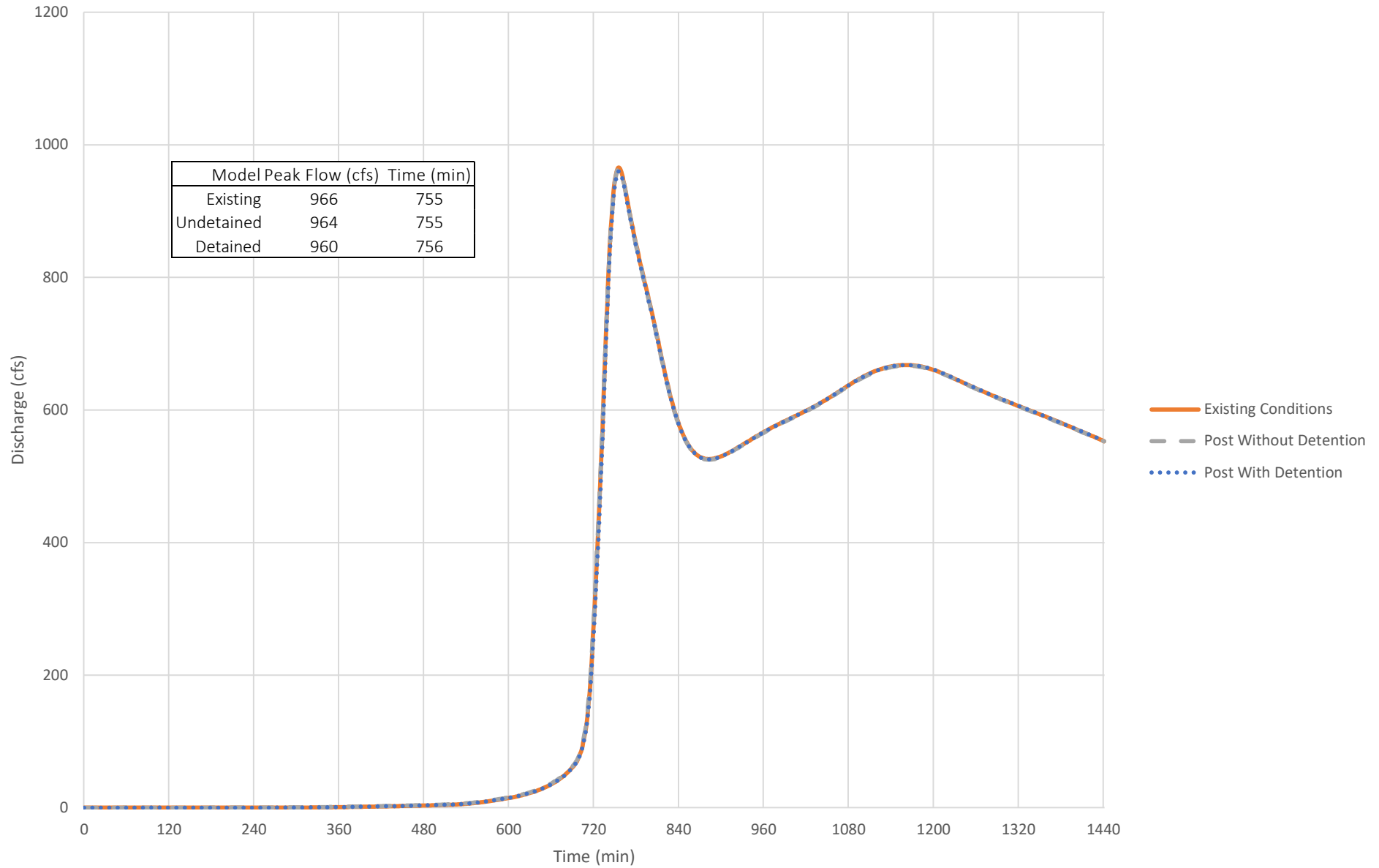
WCT17_2	0.088	349.63	01Jan2006, 12:05	25.41
WCT17_3	0.186	522.97	01Jan2006, 12:11	48.45
WCT17_4	0.1796	552.83	01Jan2006, 12:10	50.22
WCT17_5	0.0463	177.12	01Jan2006, 12:04	12.55
WCT17_6	0.0169	75.51	01Jan2006, 12:01	4.61
WCT17_7	0.1909	737.87	01Jan2006, 12:05	53.13
WCT17_I40	0.7076	841.01	01Jan2006, 12:45	193.74
WCT17_LineberryDr	0.2541	659.9	01Jan2006, 12:28	70.03
WCT18_1	0.1417	775.4	01Jan2006, 12:00	47.68
WCT18_2	0.0941	401.71	01Jan2006, 12:06	33.01
WCT18_3	0.0897	403.69	01Jan2006, 12:03	27.34
WCT18_4	0.2071	849.02	01Jan2006, 12:07	71.19
WCT19_1	0.153	520.48	01Jan2006, 12:07	40.4
WCT19_2	0.1616	719.79	01Jan2006, 12:04	53.29
WCT19_Thistledown	0.1616	338.89	01Jan2006, 12:16	53.29
WCT1_1	0.2815	678.02	01Jan2006, 12:18	76.44
WCT1_2	0.0371	154.39	01Jan2006, 12:05	11.32
WCT1_3	0.0866	232.7	01Jan2006, 12:12	22.07
WCT1_4	0.1611	431.28	01Jan2006, 12:12	40.94
WCT20_1	0.0052	20.72	01Jan2006, 12:01	1.27
WCT20_2	0.0576	236.31	01Jan2006, 12:07	19.37
WCT20_3	0.169	773.77	01Jan2006, 12:05	61.68
WCT21_1	0.0178	46.05	01Jan2006, 12:04	3.09
WCT21_2	0.0524	233.07	01Jan2006, 12:03	16.01
WCT21_3	0.1657	653.78	01Jan2006, 12:06	51.26
WCT21_I40	0.1657	148.03	01Jan2006, 12:33	51.24
WCT22_1	0.0664	236.64	01Jan2006, 12:09	20.98
WCT22_2	0.1772	500.41	01Jan2006, 12:17	57.83
WCT22_3	0.1443	549.71	01Jan2006, 12:11	57.96
WCT22_4	0.2027	905.12	01Jan2006, 12:06	77.91
WCT22_I40_US	0.347	506.93	01Jan2006, 12:32	135.63
WCT22_I440_DS	0.5905	661.13	01Jan2006, 13:09	213.68
WCT23_1	0.003	16.78	01Jan2006, 12:00	1.09
WCT23_2	0.0392	179.39	01Jan2006, 12:04	13.22
WCT23_3	0.1653	582.35	01Jan2006, 12:08	48.63
WCT24_1	0.0164	75.88	01Jan2006, 12:03	5.32
WCT24_2	0.1228	361.04	01Jan2006, 12:11	33.63
WCT24_3	0.2513	676.39	01Jan2006, 12:15	72.64
WCT24_4	0.1057	422.37	01Jan2006, 12:04	29.19
WCT24_5	0.1858	657.48	01Jan2006, 12:08	56.52
WCT25_1	0.0057	26.27	01Jan2006, 12:03	1.87
WCT25_2	0.1569	537.72	01Jan2006, 12:08	45.47
WCT26_1	0.0147	63.19	01Jan2006, 12:07	5.36
WCT26_2	0.1115	412.84	01Jan2006, 12:10	38.43
WCT26_3	0.1835	498.13	01Jan2006, 12:12	46.86
WCT26_I40	0.2949	295.36	01Jan2006, 12:43	83.16
WCT26_WesternBlvd	0.1835	202.53	01Jan2006, 12:34	46.82
WCT2_1	0.145	302.53	01Jan2006, 12:16	32.47
WCT2_2	0.1566	347.69	01Jan2006, 12:12	32.56
WCT3_1	0.1274	315.73	01Jan2006, 12:13	30.82

WCT3_2	0.1582	276.35	01Jan2006, 12:21	33.53
WCT4_1	0.0808	157.81	01Jan2006, 12:14	15.69
WCT4_2	0.1483	388.05	01Jan2006, 12:09	33.01
WCT5A_1	0.1308	470.63	01Jan2006, 12:08	40.19
WCT5_1	0.1833	690.12	01Jan2006, 12:08	58.85
WCT5_2	0.1508	523.9	01Jan2006, 12:08	44.17
WCT6_1	0.2012	571.74	01Jan2006, 12:12	54.98
WCT6_2	0.152	484.48	01Jan2006, 12:09	41.51
WCT7_1	0.101	332.89	01Jan2006, 12:08	27.53
WCT7_2	0.0666	212.64	01Jan2006, 12:09	18.49
WCT7_3	0.2009	539.83	01Jan2006, 12:15	57.95
WCT8A_1	0.1221	331.65	01Jan2006, 12:17	37.41
WCT8A_2	0.1499	440.43	01Jan2006, 12:12	42.44
WCT8_1	0.1826	627.92	01Jan2006, 12:14	73.77
WCT8_2	0.1885	650.31	01Jan2006, 12:09	57.31
WCT8_3	0.1646	482.39	01Jan2006, 12:14	49.35
WCT8_4	0.2099	466.47	01Jan2006, 12:22	58.72
WCT8_5	0.2454	694.23	01Jan2006, 12:11	64.66
WCT8_6	0.1614	297.51	01Jan2006, 12:20	35.01
WCT8_7	0.1524	417.29	01Jan2006, 12:12	39.38
WCT8_I40	1.394	2101.11	01Jan2006, 12:51	380.95
WCT9_1	0.0231	99.69	01Jan2006, 12:01	6.12
WCT9_2	0.0772	346.7	01Jan2006, 12:03	23.62
WCT9_3	0.1468	516.19	01Jan2006, 12:08	43
WCT9_4	0.0492	181.33	01Jan2006, 12:07	14.39
WCT9_5	0.171	501.28	01Jan2006, 12:14	51.57
WCT9_6	0.155	563.53	01Jan2006, 12:07	46.1
WCT9_MLK	0.522	1063.35	01Jan2006, 12:34	154.65
WCT9_PooleRd	0.155	515.77	01Jan2006, 12:12	46.09
WC_1	0.6191	1305.63	01Jan2006, 12:24	170.06
WC_10	0.3731	786.2	01Jan2006, 12:24	102.25
WC_11	0.5628	1750.61	01Jan2006, 12:13	174.44
WC_12	0.008	35.09	01Jan2006, 12:02	2.26
WC_13	0.1335	455.25	01Jan2006, 12:09	39.43
WC_14	0.0276	112.91	01Jan2006, 12:04	7.78
WC_15	0.0282	146.94	01Jan2006, 12:03	11.09
WC_16	0.1376	516.81	01Jan2006, 12:11	54.33
WC_17	0.115	436.09	01Jan2006, 12:11	44.8
WC_18	0.1116	322.25	01Jan2006, 12:12	31.05
WC_19	0.3417	1109.19	01Jan2006, 12:12	109.77
WC_2	0.1517	359.1	01Jan2006, 12:16	38.68
WC_20	0.0332	187.7	01Jan2006, 12:00	12.21
WC_21	0.076	205.66	01Jan2006, 12:16	22.31
WC_22	0.0499	255.01	01Jan2006, 12:03	18.27
WC_23	0.5254	1381.38	01Jan2006, 12:20	171.02
WC_24	0.0575	251.31	01Jan2006, 12:06	20.86
WC_25	0.3527	1410.58	01Jan2006, 12:07	116.6
WC_26	0.0221	121.56	01Jan2006, 12:02	8.68
WC_27	0.0287	144.71	01Jan2006, 12:04	11.43
WC_28	0.4701	1827.21	01Jan2006, 12:09	171.04

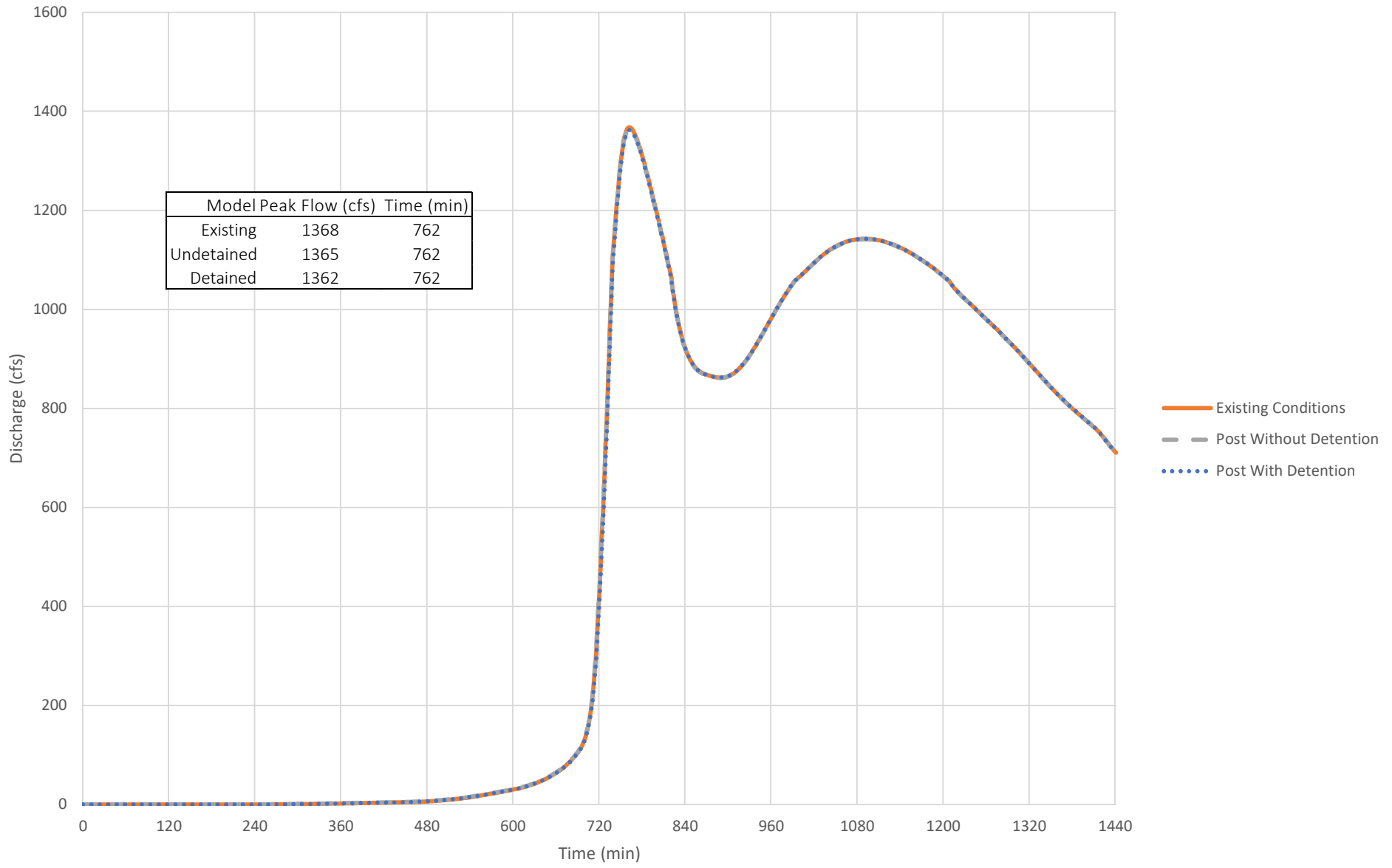
GLOBAL SUMMARY
Post Detained 100-Year 24-Hour Storm

WC_29	0.2428	637.02	01Jan2006, 12:16	69.29
WC_3	0.1596	438.82	01Jan2006, 12:13	43.78
WC_30	0.0864	347.18	01Jan2006, 12:04	24.74
WC_31	0.0093	36.32	01Jan2006, 12:04	2.52
WC_32	0.1026	339.35	01Jan2006, 12:08	27.76
WC_33	1.5394	3787.23	01Jan2006, 12:18	430.27
WC_34	0.0766	379.64	01Jan2006, 12:03	26.65
WC_35	0.019	93.46	01Jan2006, 12:03	6.92
WC_36	0.2917	918.73	01Jan2006, 12:15	100.05
WC_37	0.055	230.37	01Jan2006, 12:03	15.46
WC_38	0.6557	1424.82	01Jan2006, 12:28	207.95
WC_39	0.0947	386.7	01Jan2006, 12:05	28.3
WC_4	0.5381	1283.35	01Jan2006, 12:13	127.16
WC_40	0.0823	247.38	01Jan2006, 12:11	22.71
WC_41	0.5422	1692.37	01Jan2006, 12:17	205.07
WC_42	0.5619	1193.79	01Jan2006, 12:28	171.58
WC_43	0.8865	1653.26	01Jan2006, 12:35	269.51
WC_5	0.5983	895.76	01Jan2006, 12:29	129.33
WC_6	0.0706	222.5	01Jan2006, 12:08	18.67
WC_7	0.2568	829.82	01Jan2006, 12:12	81.52
WC_8	0.0099	35.8	01Jan2006, 12:04	2.52
WC_9	0.2186	484.97	01Jan2006, 12:23	62.47
Watson Generic Reservoir	0.1687	237.81	01Jan2006, 12:37	47.81
White Oak Lake	0.5201	1046.8	01Jan2006, 12:30	152.69
WildBT1_1	0.0362	152.53	01Jan2006, 12:05	11.6
WildBT1_2	0.1749	571.91	01Jan2006, 12:09	48.61
WildBT1_3	0.1834	613.77	01Jan2006, 12:12	60.78
WildBT1_4	0.0339	187.6	01Jan2006, 12:01	12.94
WildBT1_5	0.1682	691.29	01Jan2006, 12:07	57.81
WildBT2_1	0.0239	74.69	01Jan2006, 12:09	6.45
WildBT2_2	0.1578	374.21	01Jan2006, 12:11	34.07
WildBTrb1_Tryon_And_Chapanoke	0.2021	274.72	01Jan2006, 12:31	70.66
WildB_1	0.1177	503.59	01Jan2006, 12:07	43.06
WildB_2	0.1698	614.94	01Jan2006, 12:12	65.4
WildB_3	0.2929	739.57	01Jan2006, 12:21	92.38
WildB_4	0.1163	360.66	01Jan2006, 12:16	40.89
WildB_5	0.0353	107.03	01Jan2006, 12:06	8.16
WildB_6	0.0548	159.34	01Jan2006, 12:09	13.7
WildB_7	0.3393	717.71	01Jan2006, 12:25	95.66
WildB_8	0.0248	115.19	01Jan2006, 11:59	6.59
WildB_9	0.1569	438.27	01Jan2006, 12:13	43.25

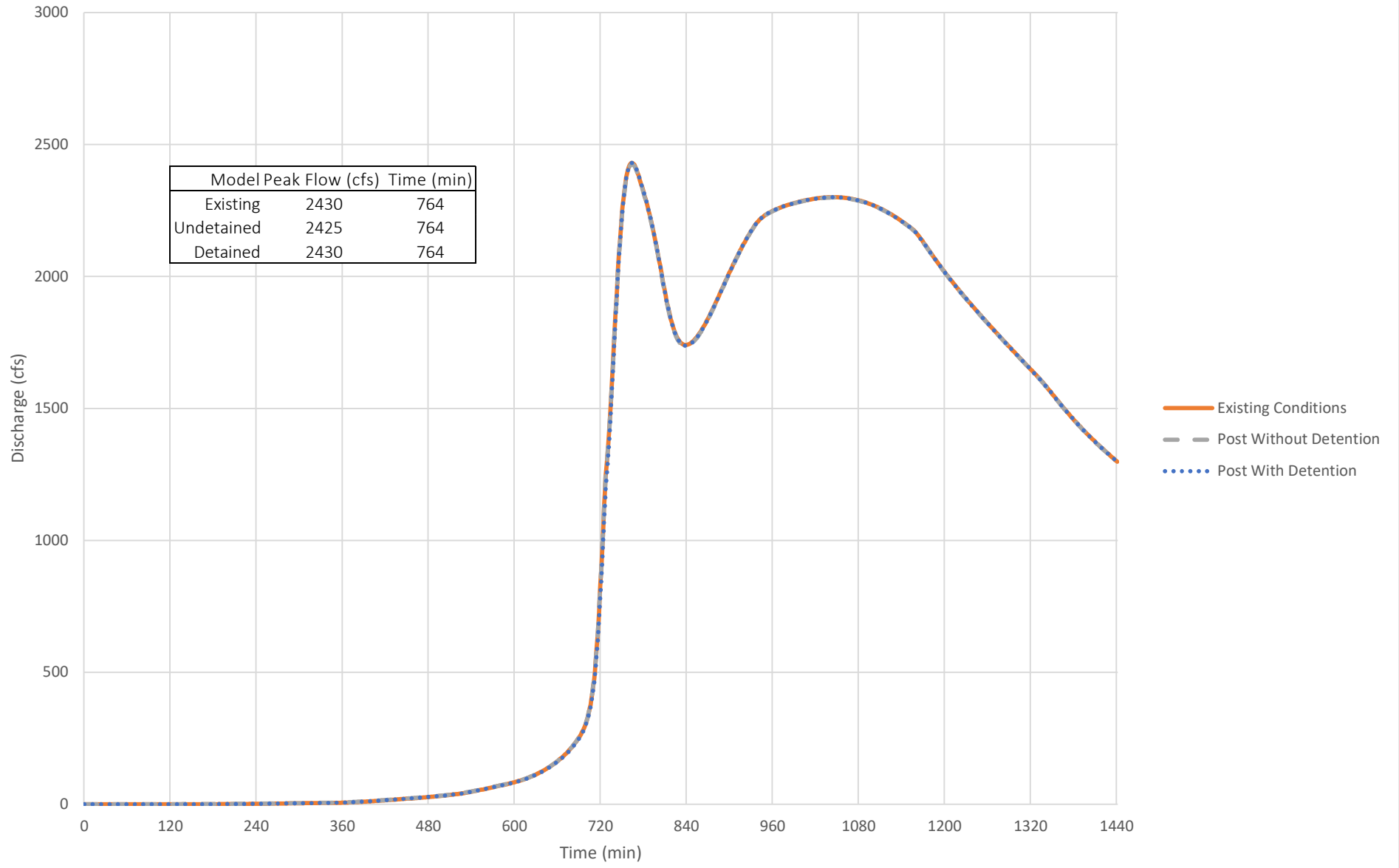
South Saunders Street 1-Year Storm Discharge



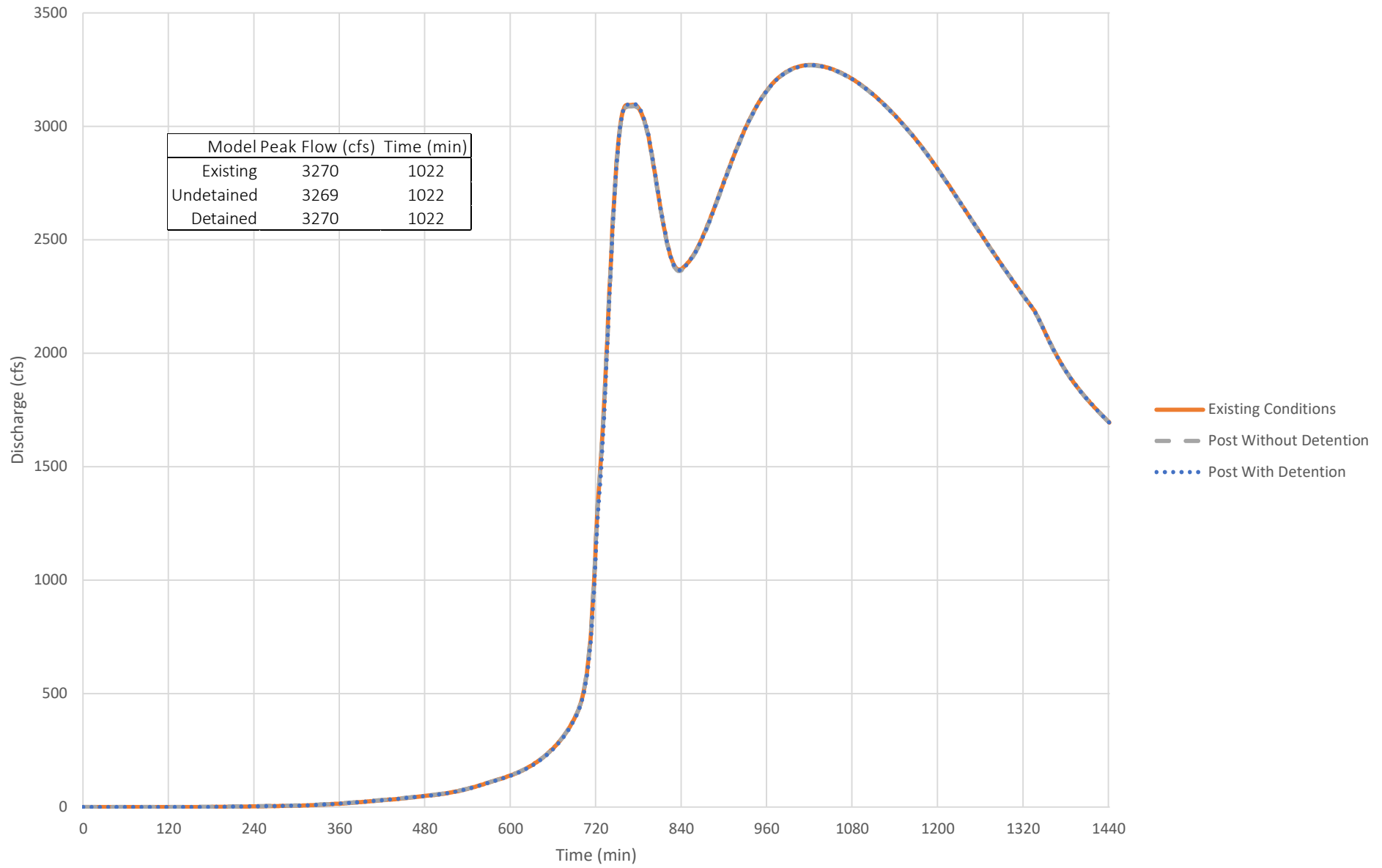
South Saunders Street 2-Year Storm Discharge



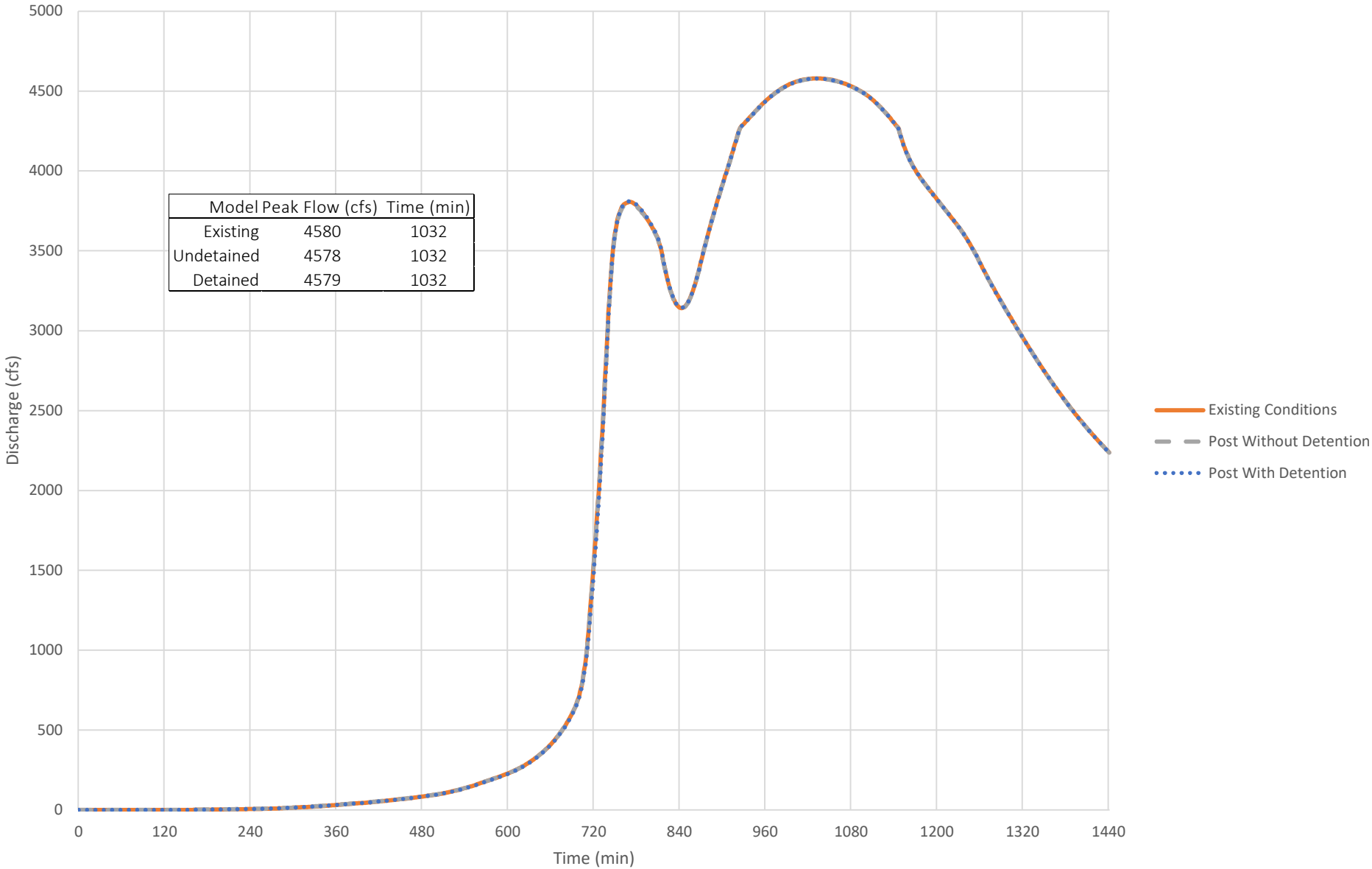
South Saunders Street 10-Year Storm Discharge



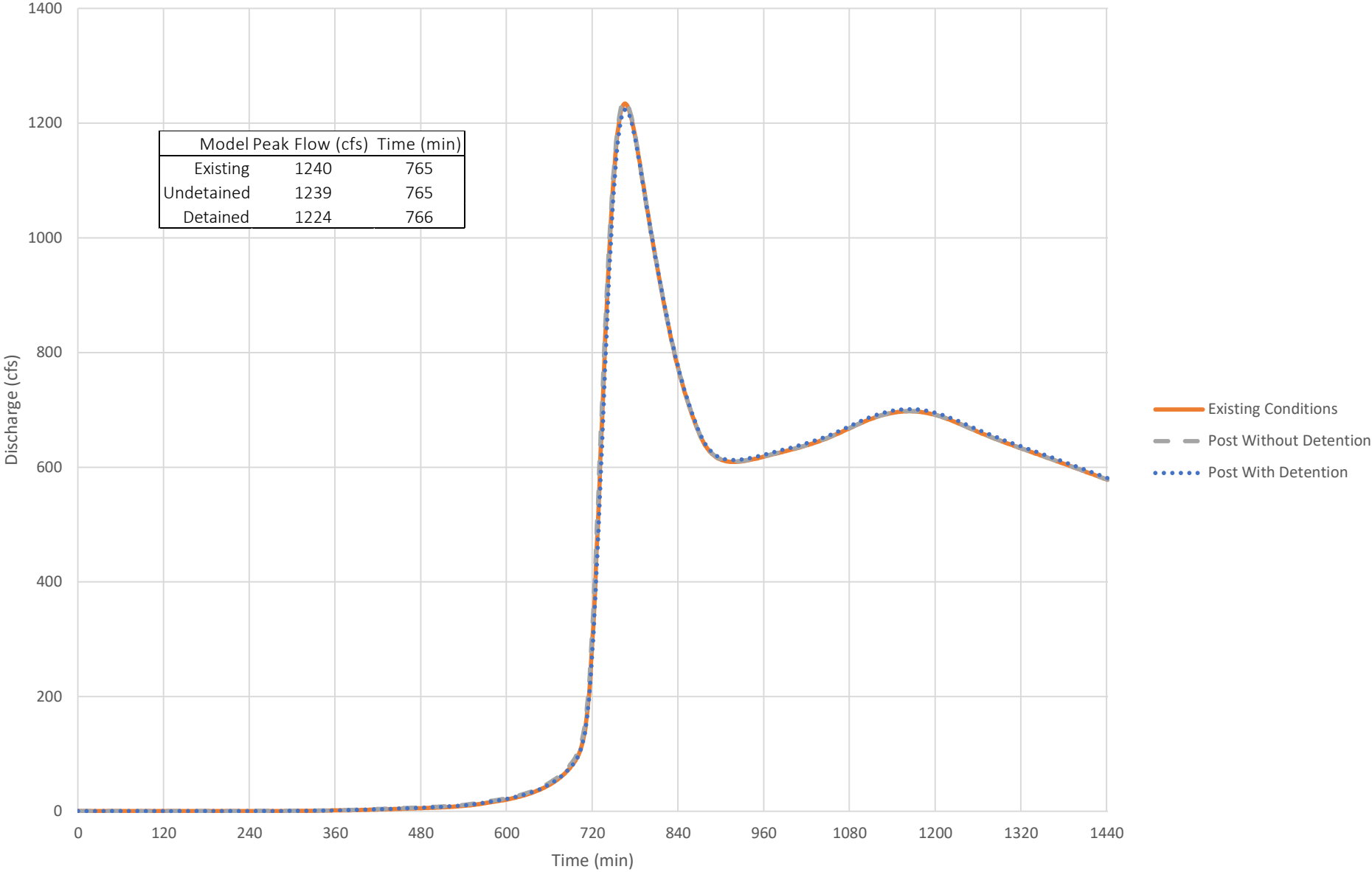
South Saunders Street 25-Year Storm Discharge



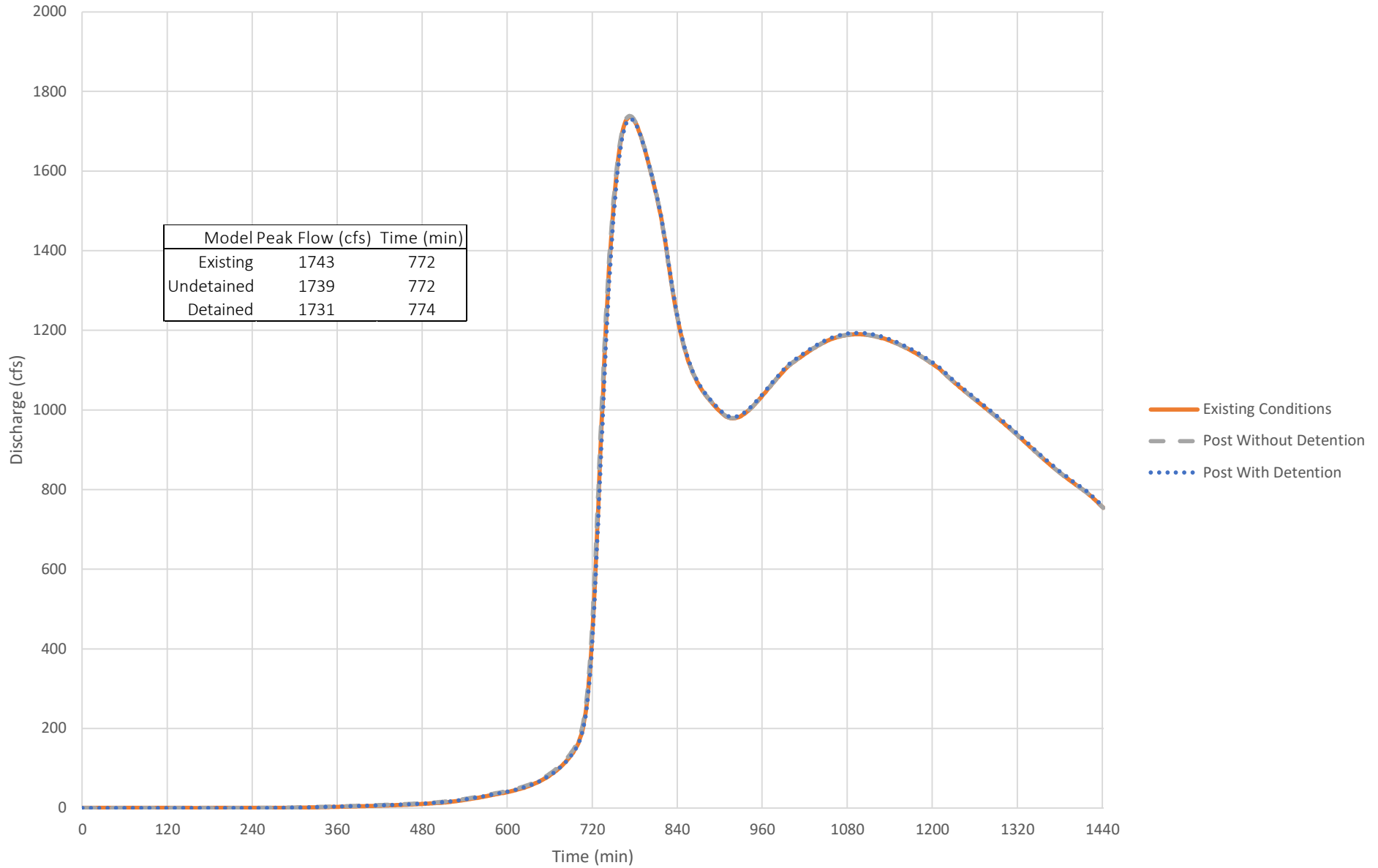
South Saunders Street 100-Year Storm Discharge



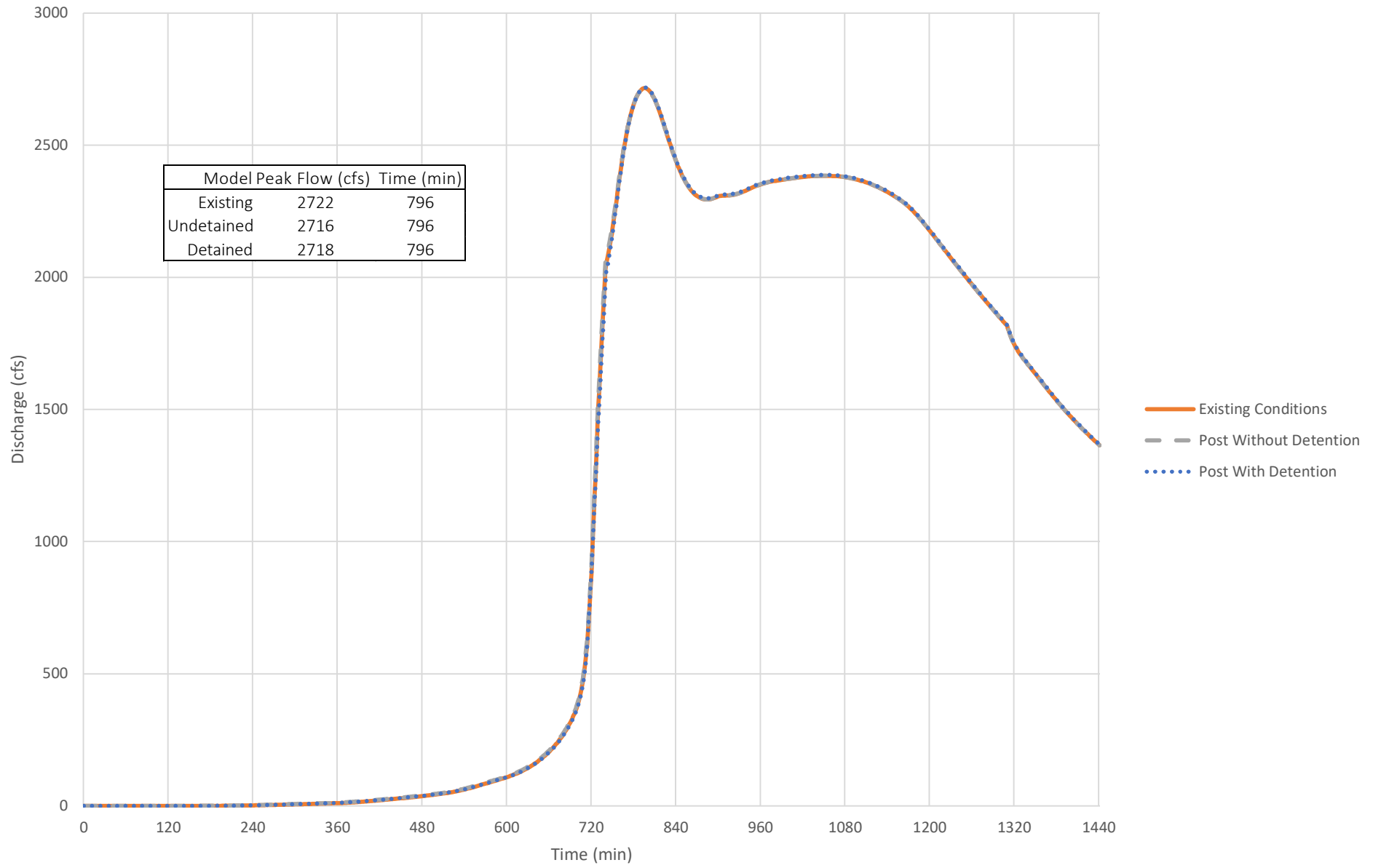
South Wilmington Street 1-Year Storm Discharge



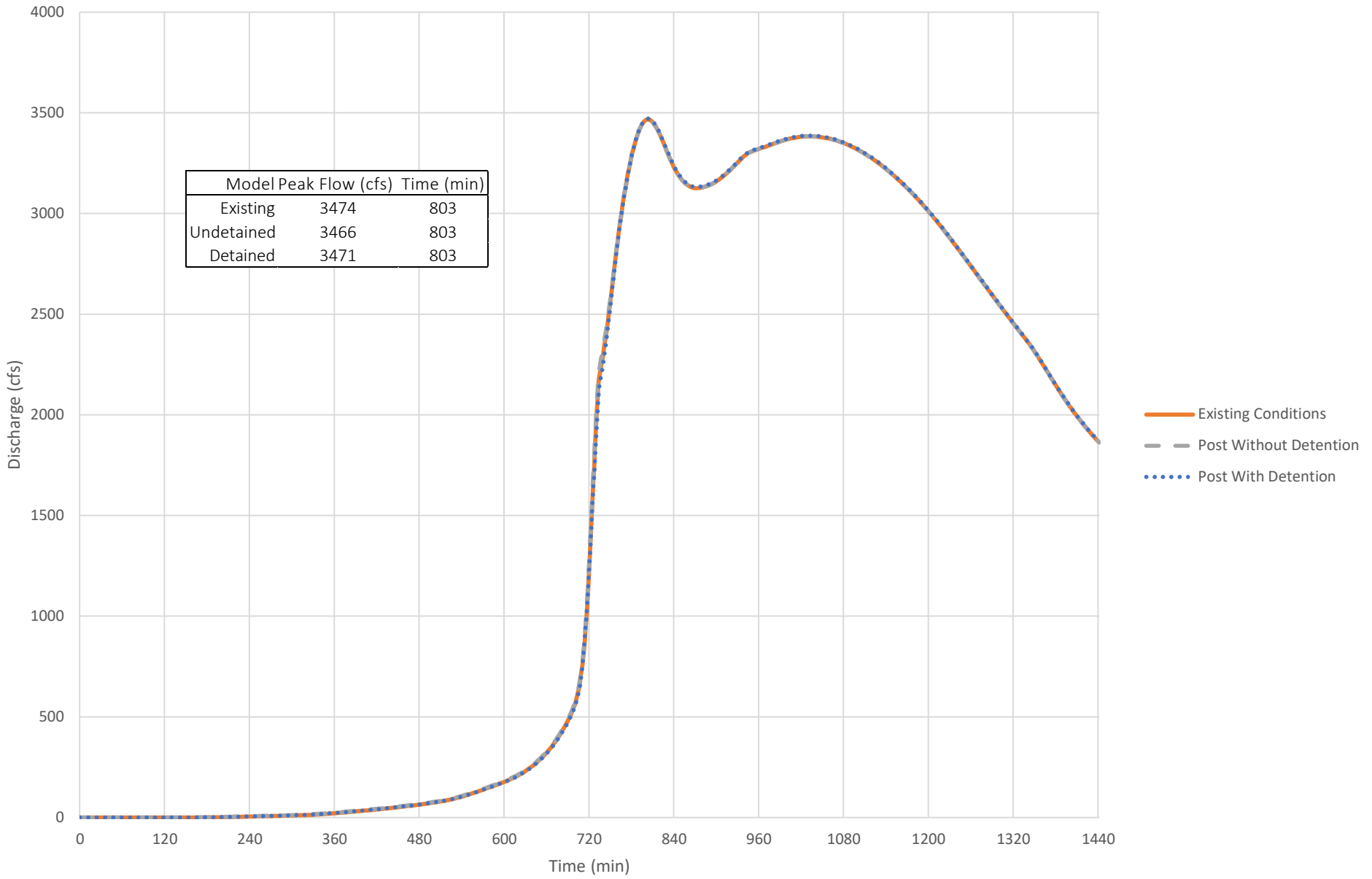
South Wilmington Street 2-Year Storm Discharge



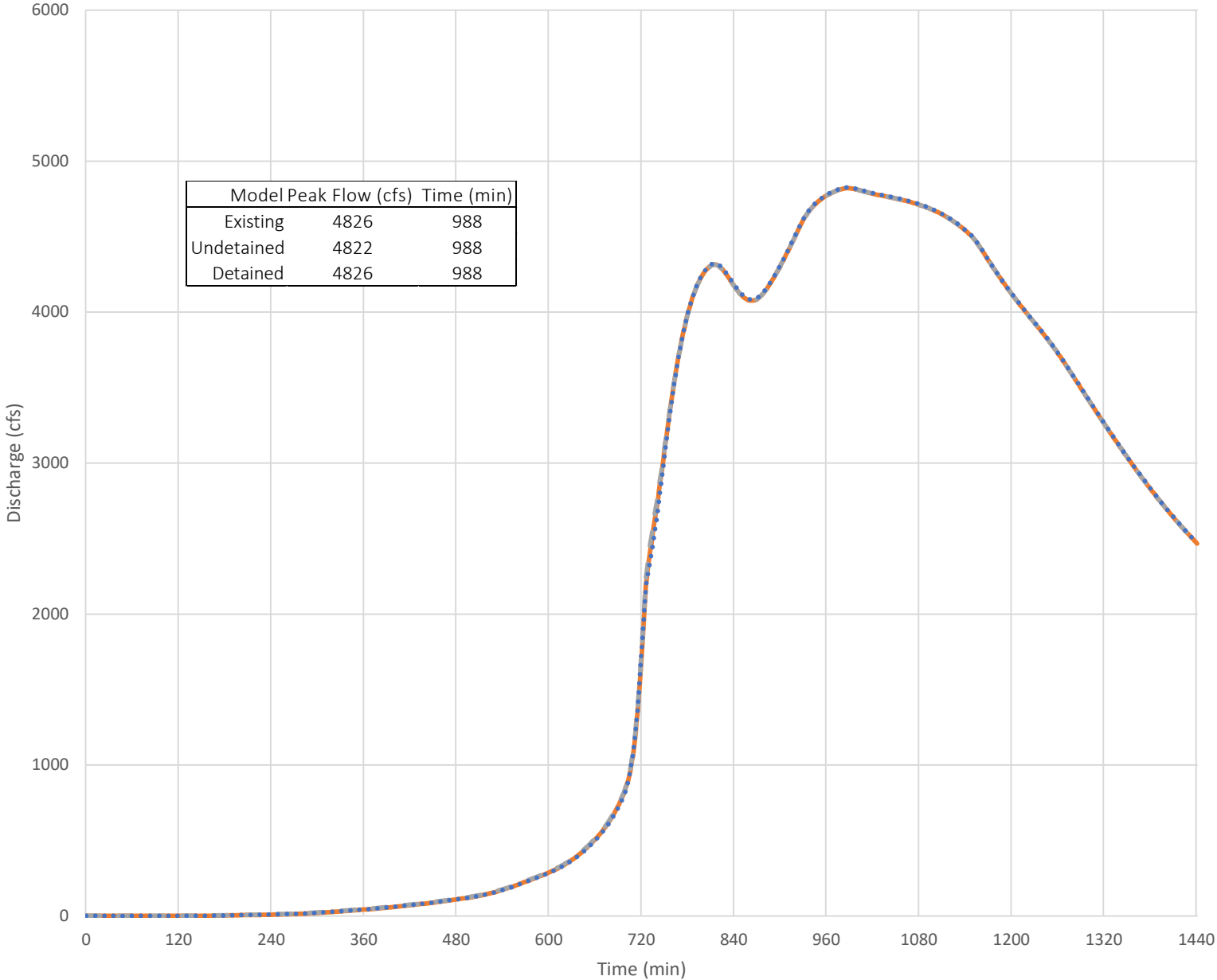
South Wilmington Street 10-Year Storm Discharge



South Wilmington Street 25-Year Storm Discharge

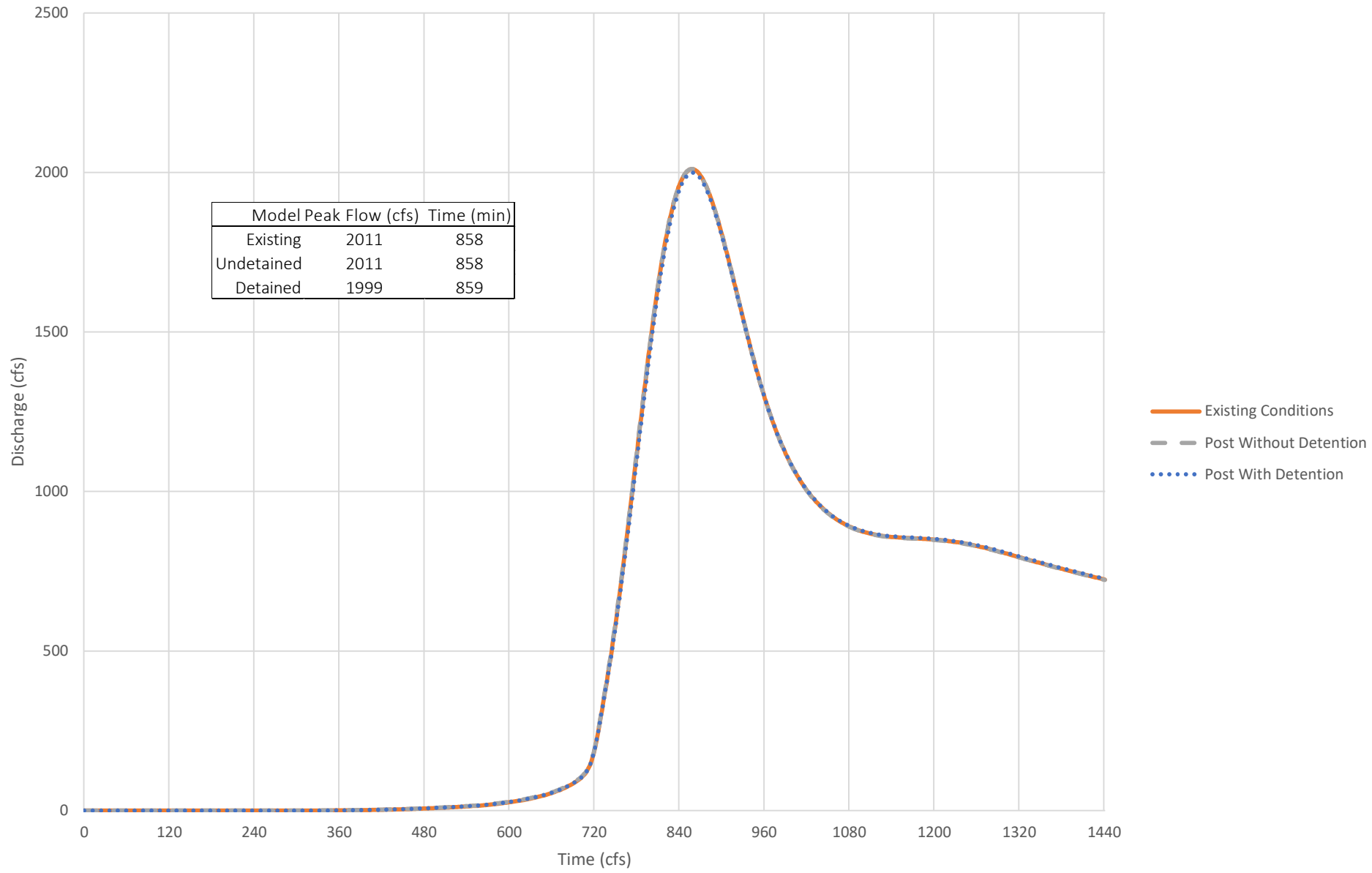


South Wilmington Street 100-Year Storm Discharge

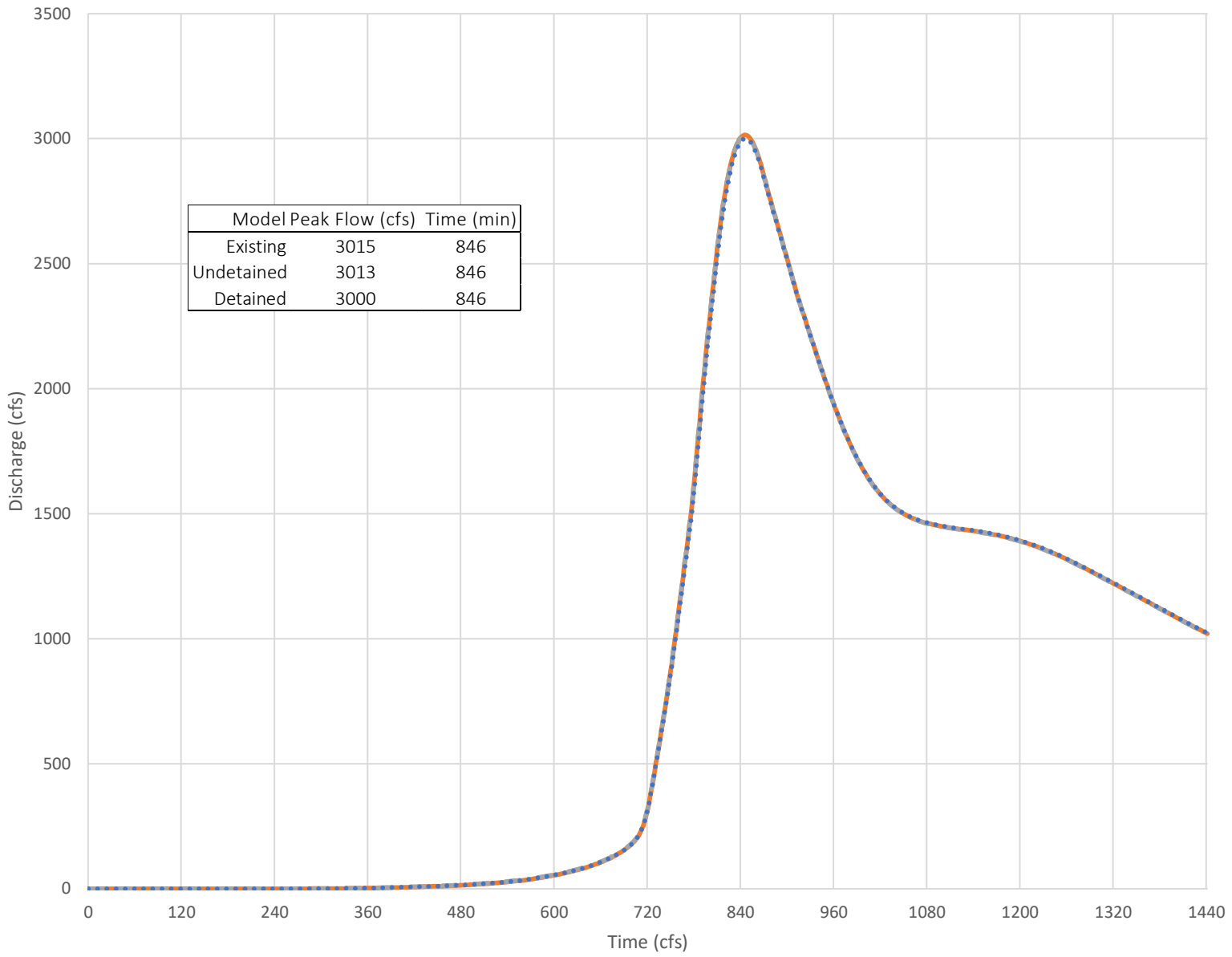


- Existing Conditions
- Post Without Detention
- Post With Detention

South State Street 1-Year Storm Discharge

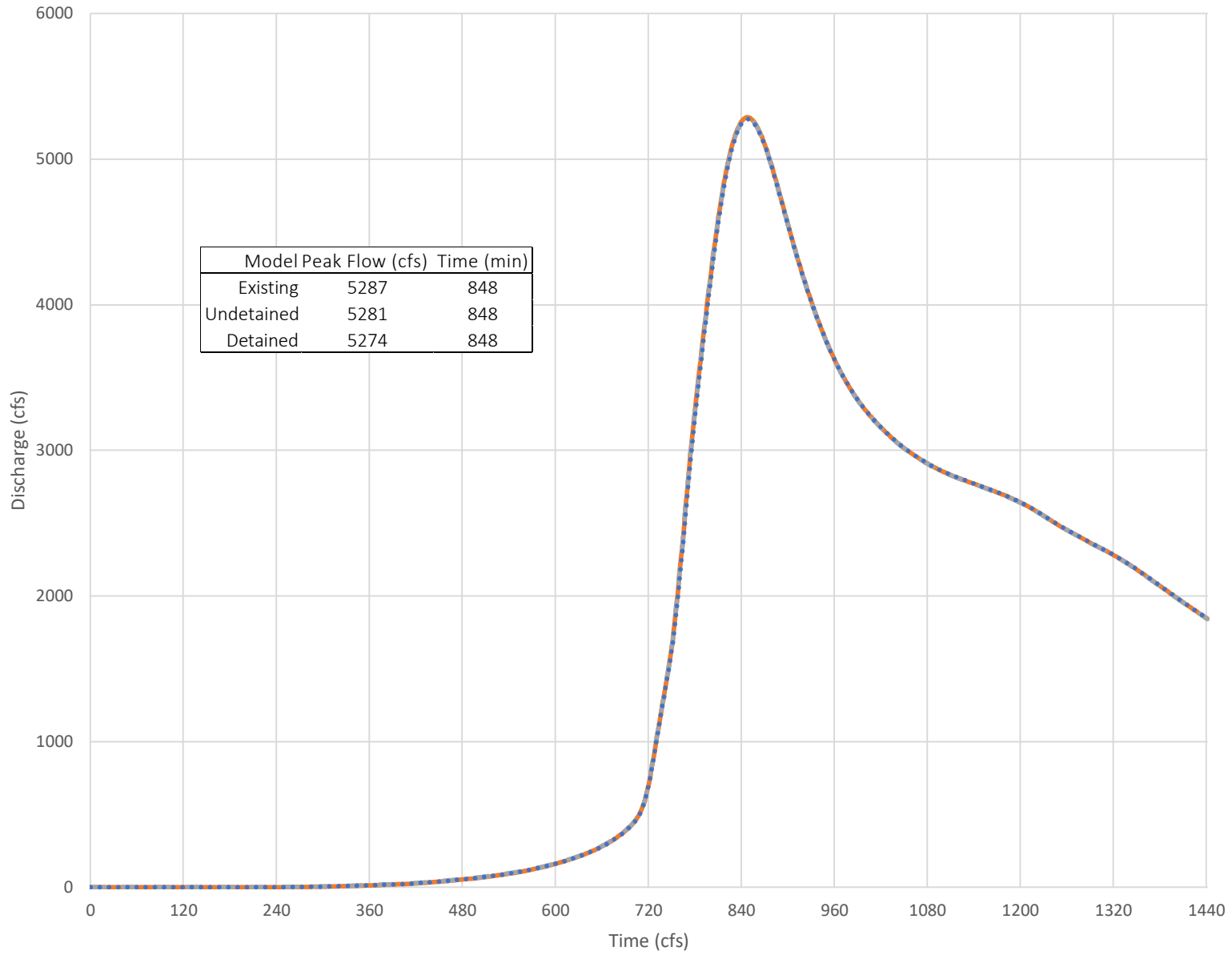


South State Street 2-Year Storm Discharge



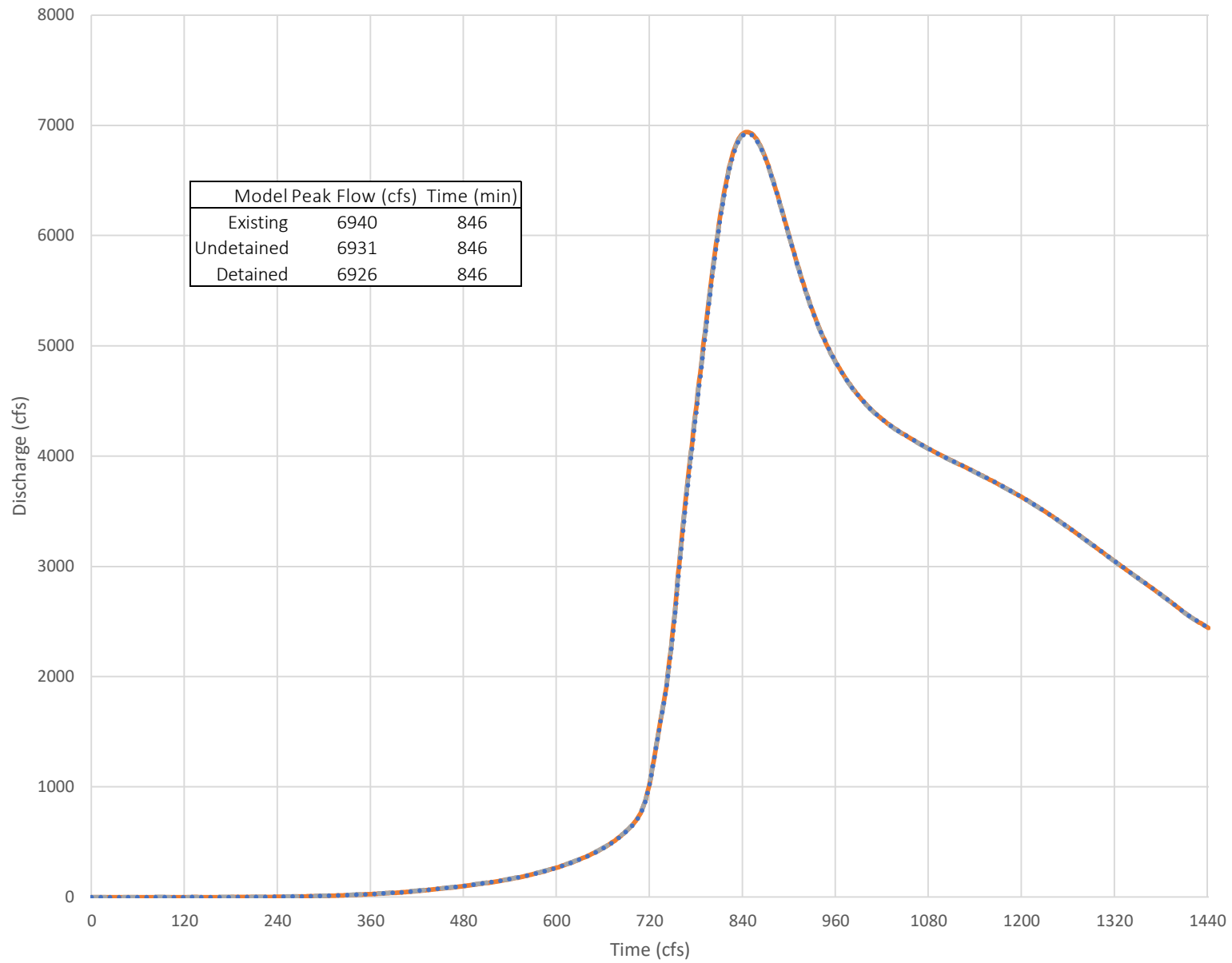
- Existing Conditions
- Post Without Detention
- Post With Detention

South State Street 10-Year Storm Discharge



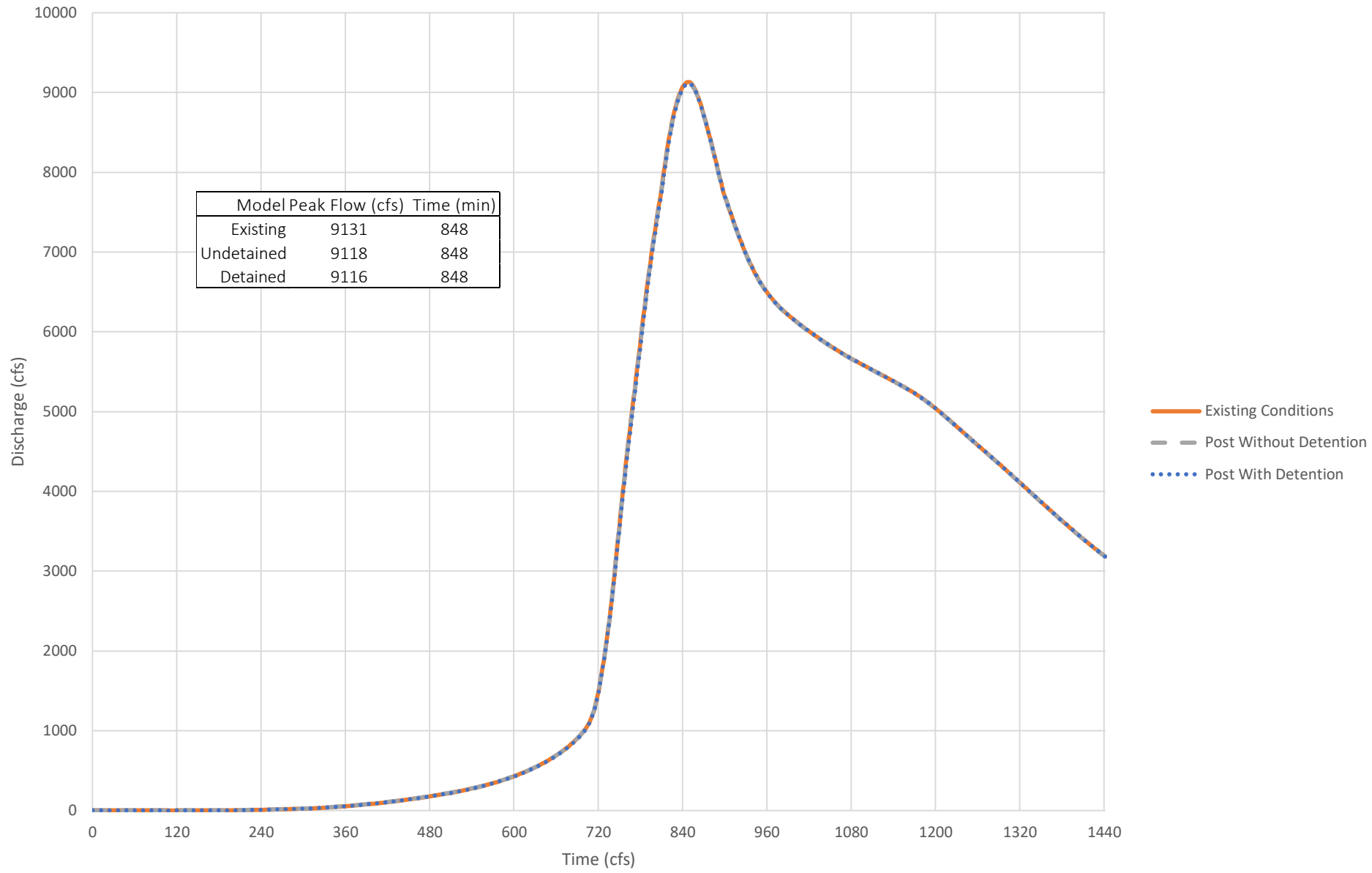
- Existing Conditions
- Post Without Detention
- Post With Detention

South State Street 25-Year Storm Discharge

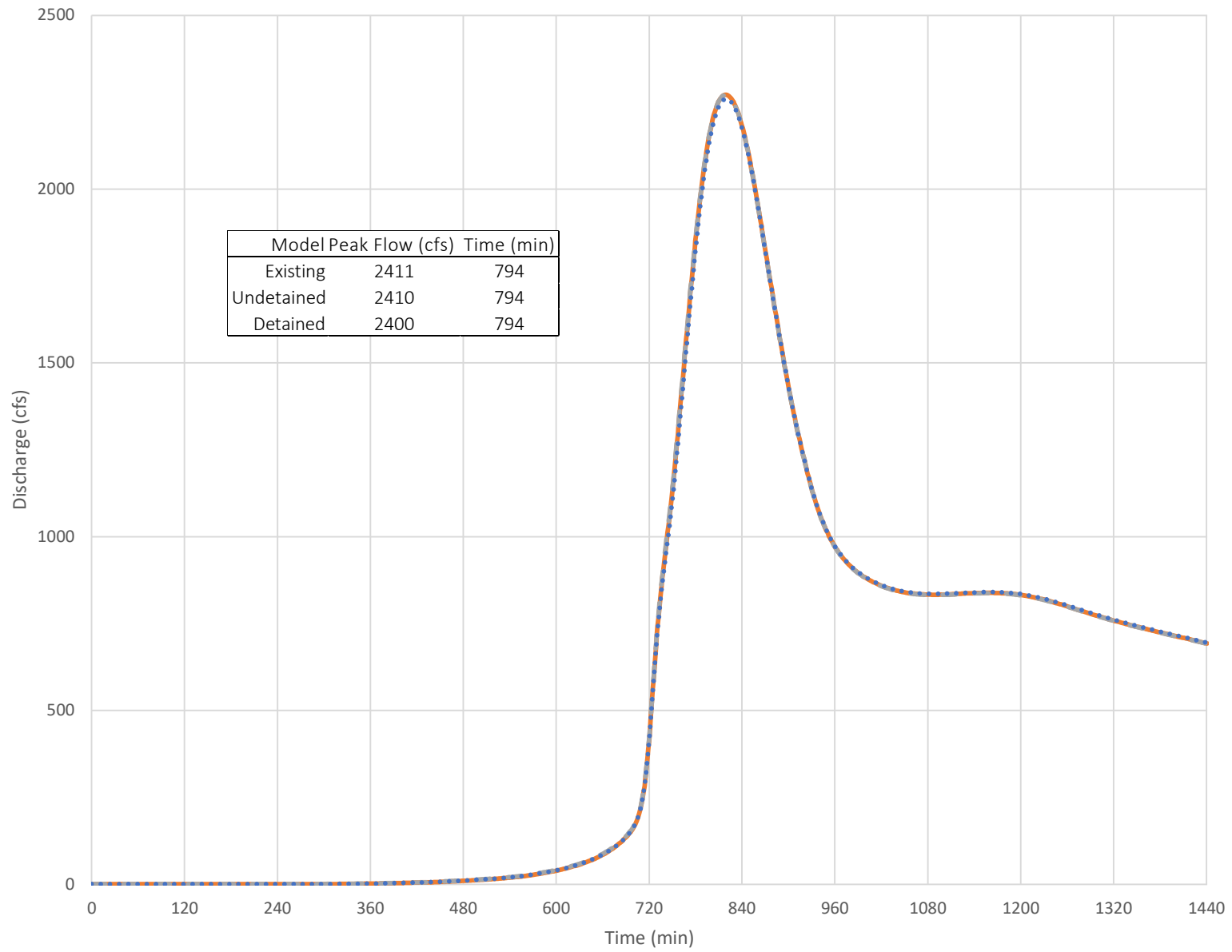


- Existing Conditions
- Post Without Detention
- Post With Detention

South State Street 100-Year Storm Discharge

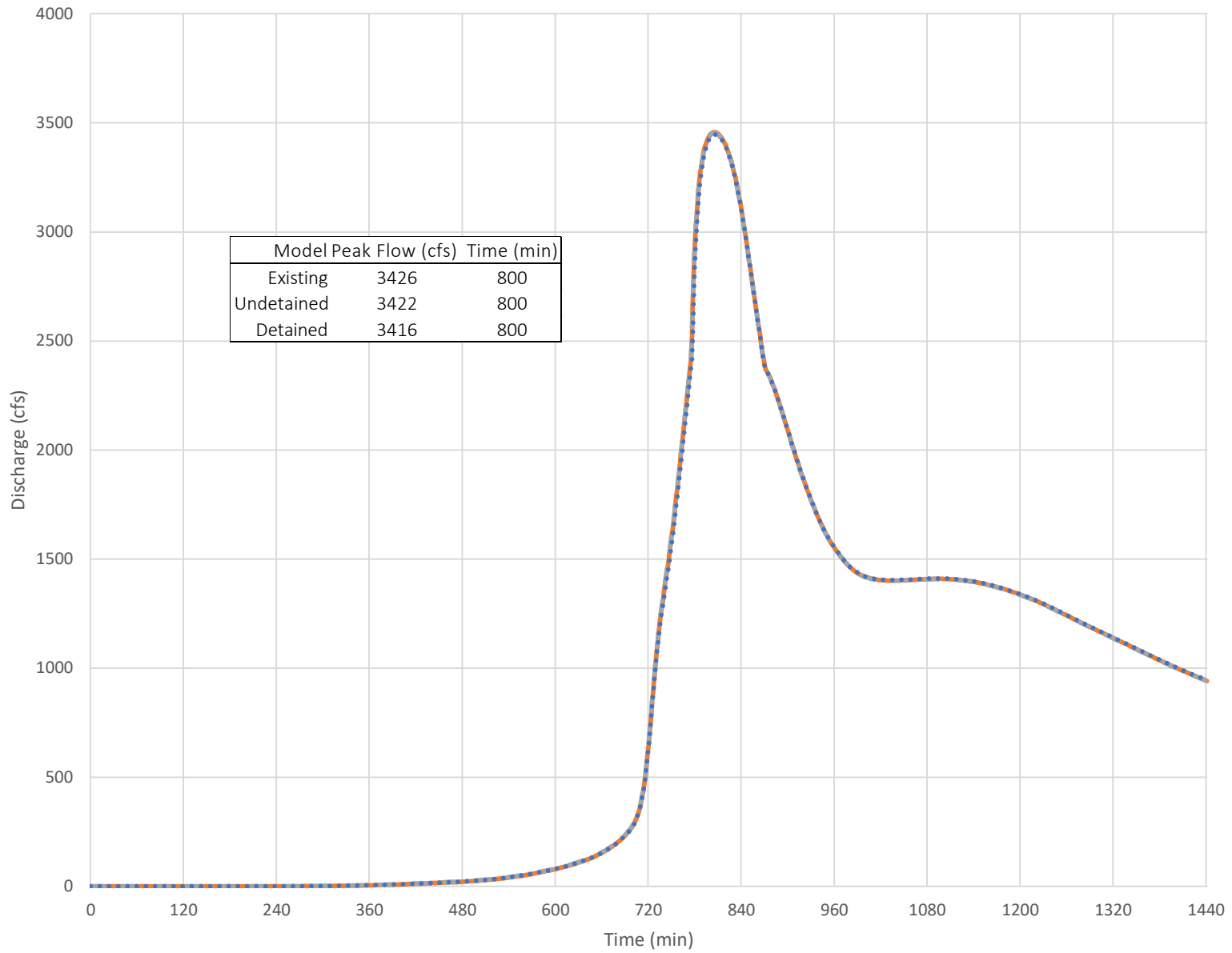


Garner Road 1-Year Storm Discharge



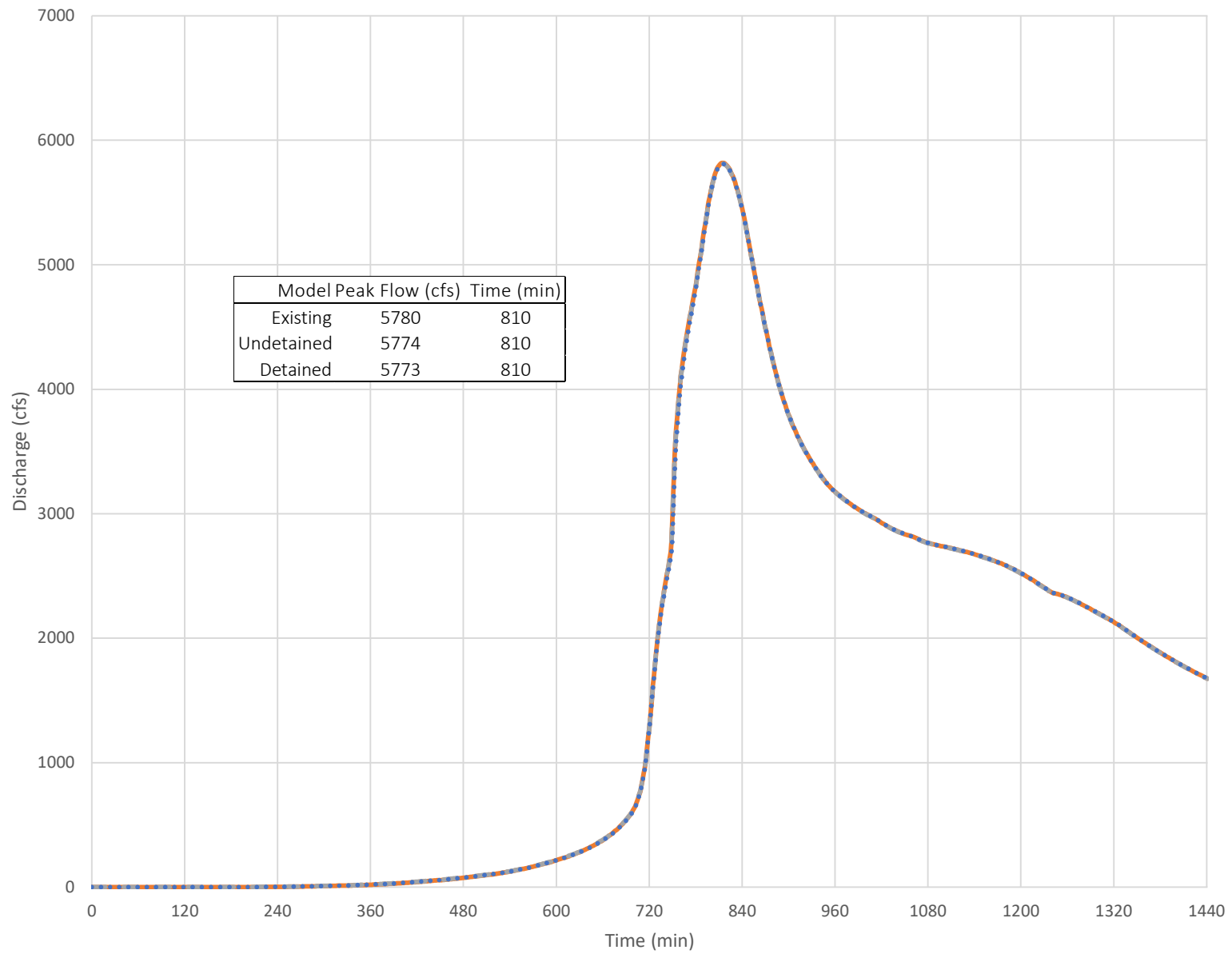
- Existing Conditions
- Post Without Detention
- Post With Detention

Garner Road 2-Year Storm Discharge



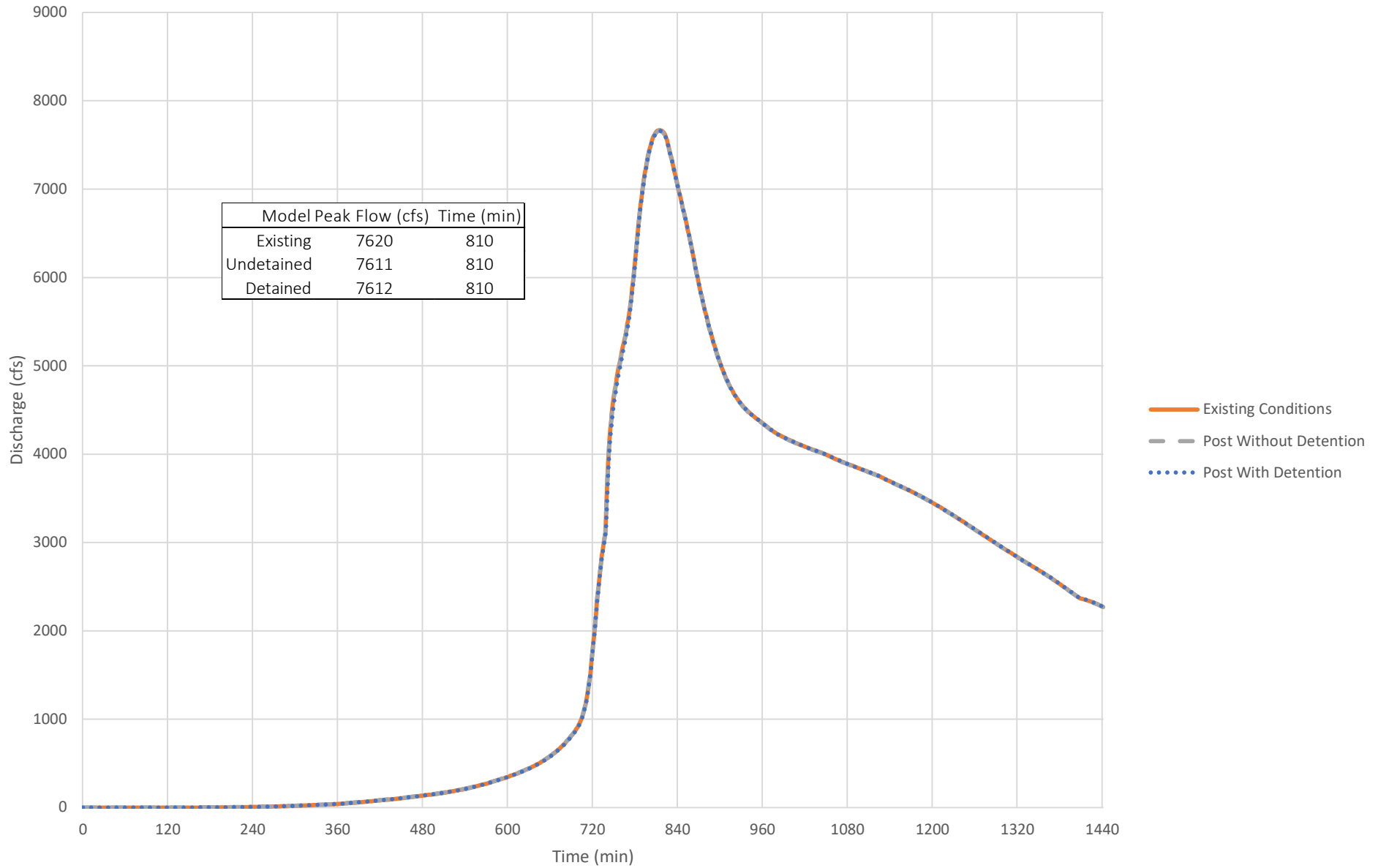
- Existing Conditions
- Post Without Detention
- Post With Detention

Garner Road 10-Year Storm Discharge

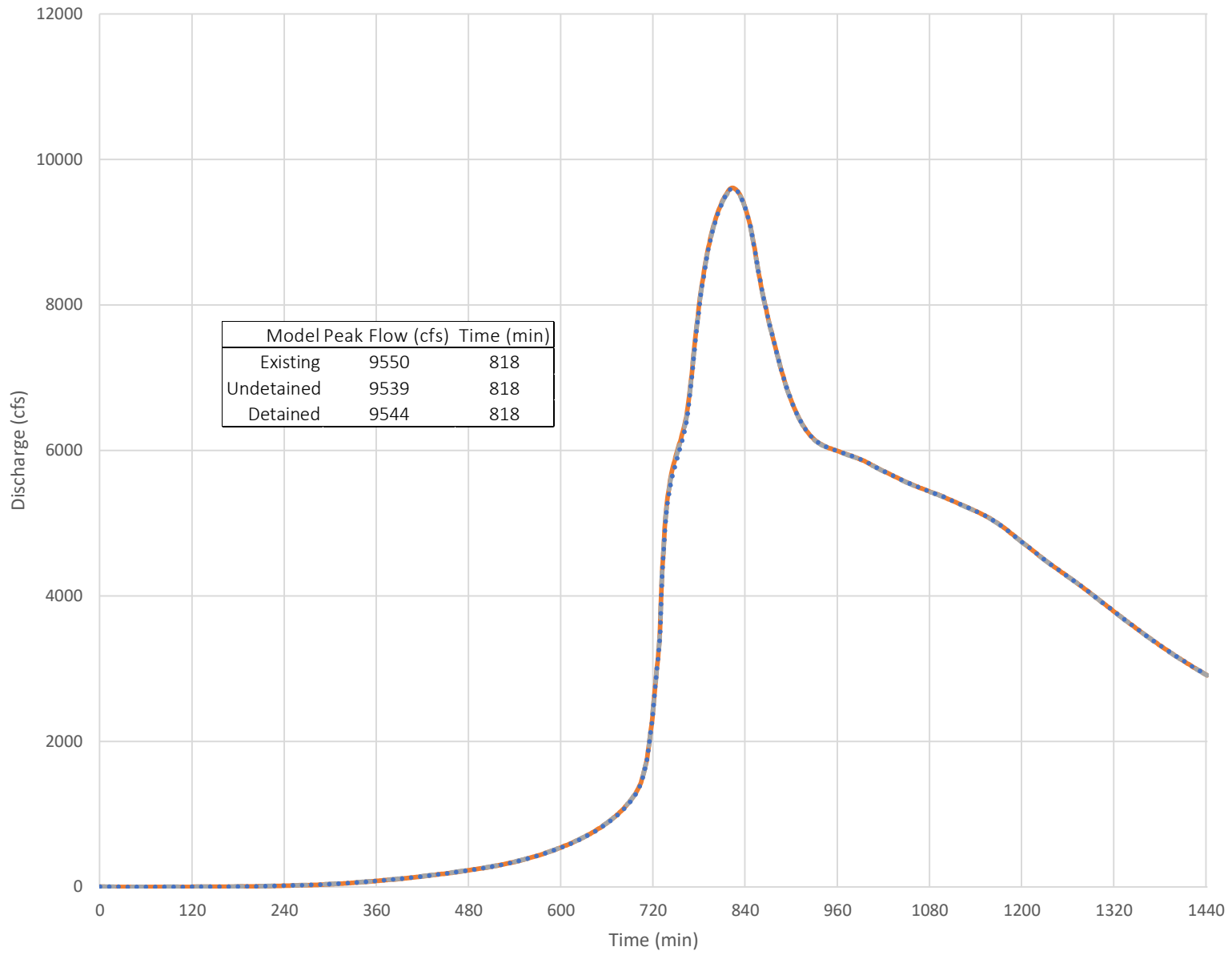


- Existing Conditions
- Post Without Detention
- Post With Detention

Garner Road 25-Year Storm Discharge

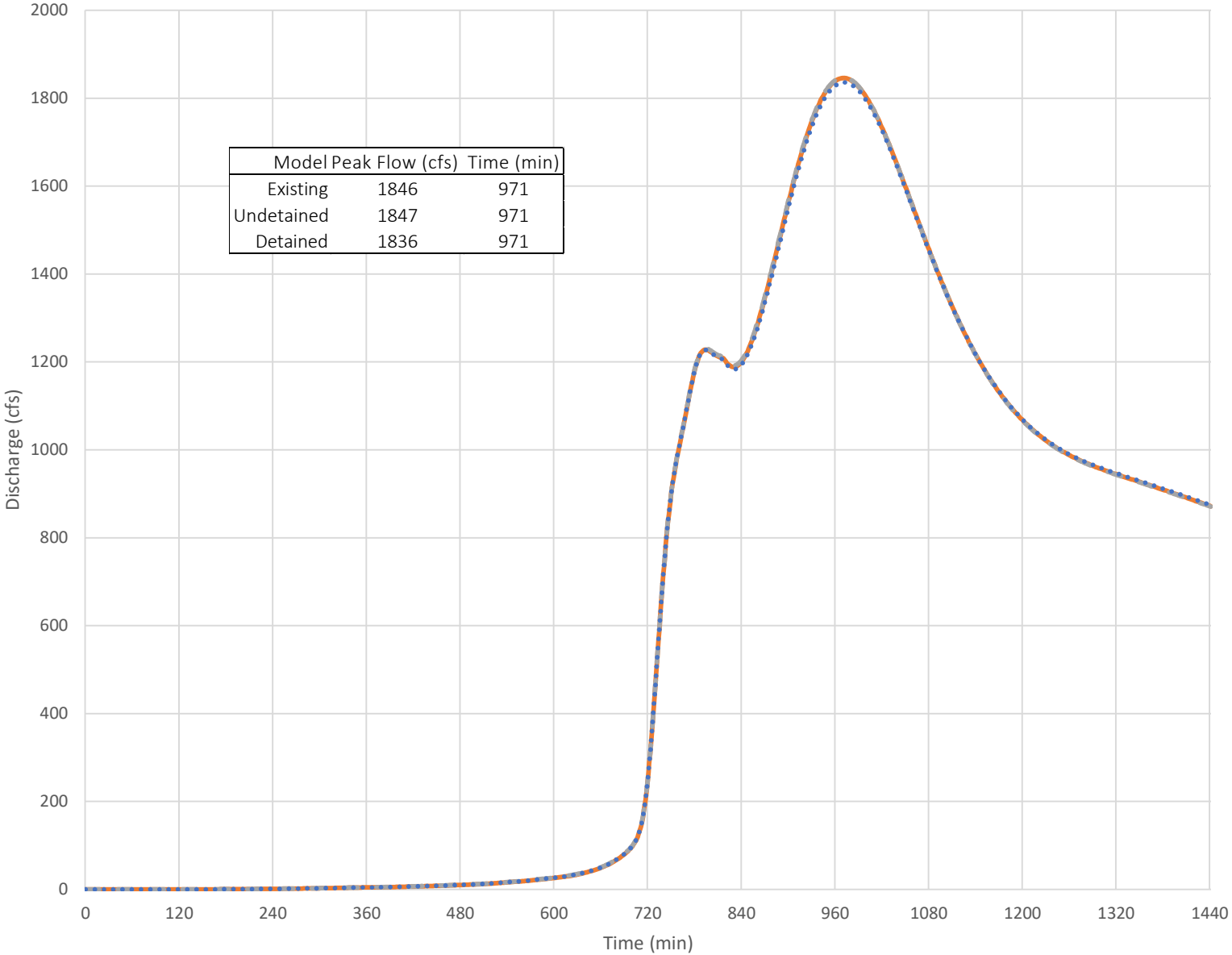


Garner Road 100-Year Storm Discharge



- Existing Conditions
- Post Without Detention
- Post With Detention

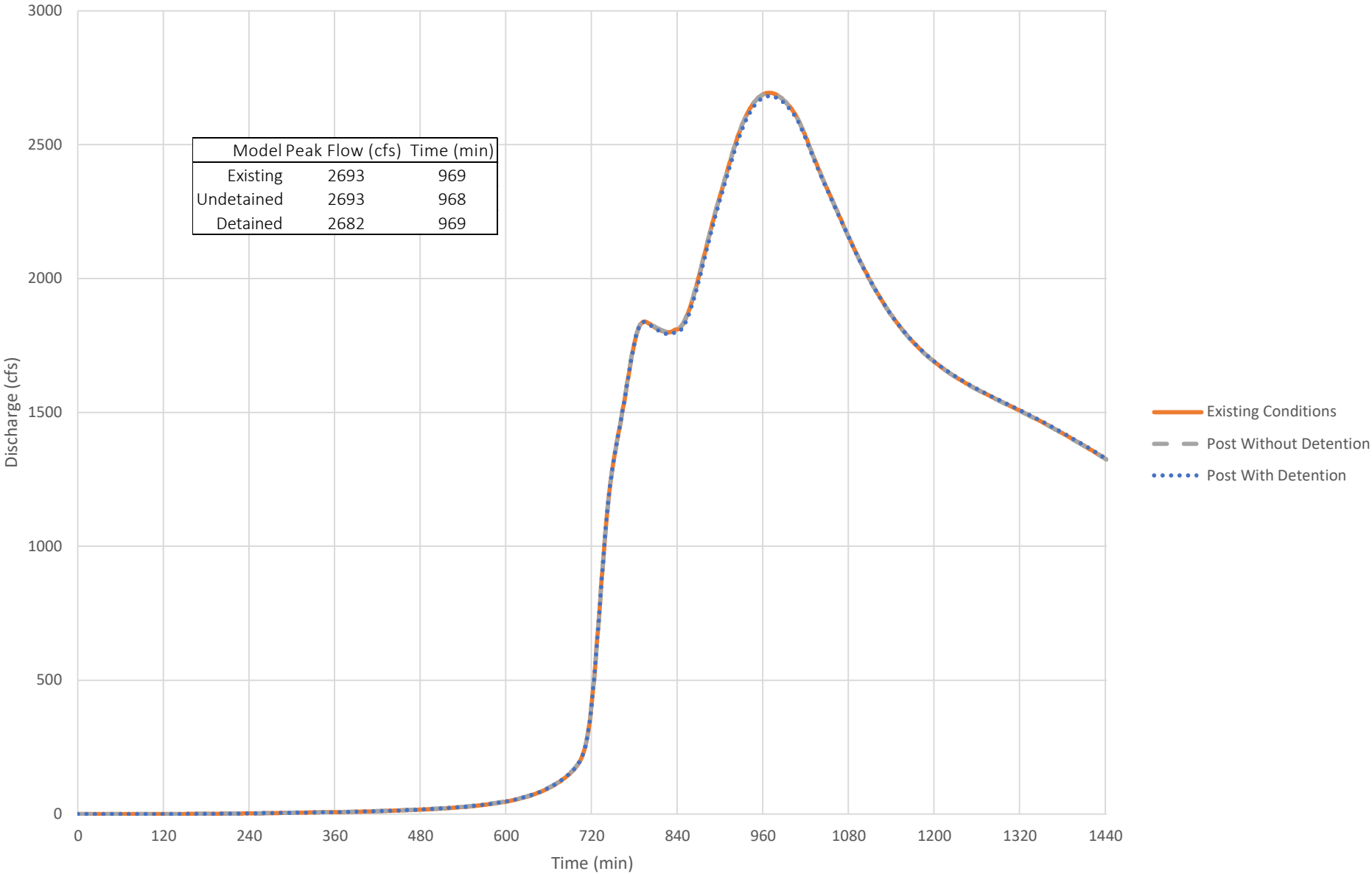
Rose Lane 1-Year Storm Discharge



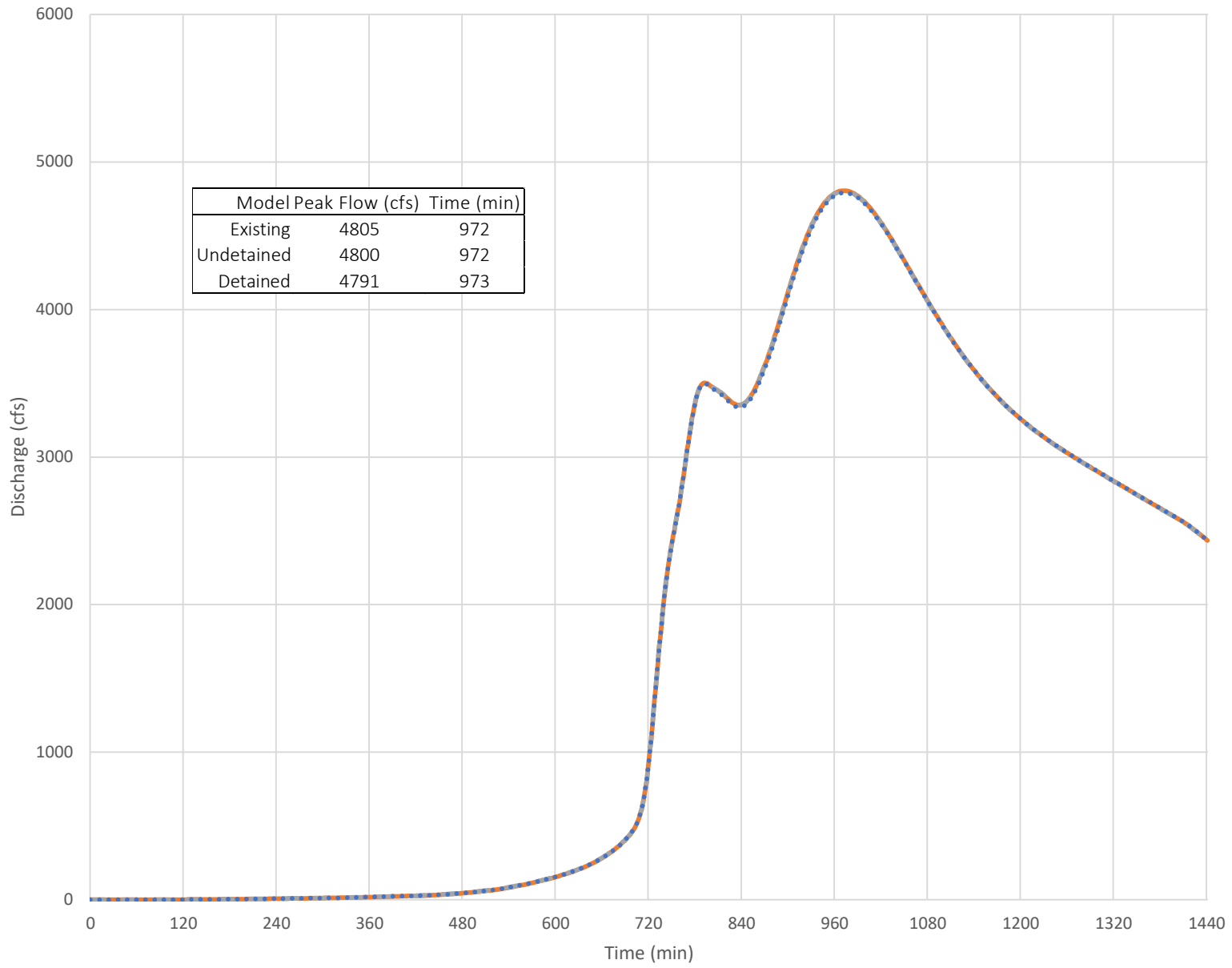
Model	Peak Flow (cfs)	Time (min)
Existing	1846	971
Undetained	1847	971
Detained	1836	971

- Existing Conditions
- Post Without Detention
- Post With Detention

Rose Lane 2-Year Storm Discharge

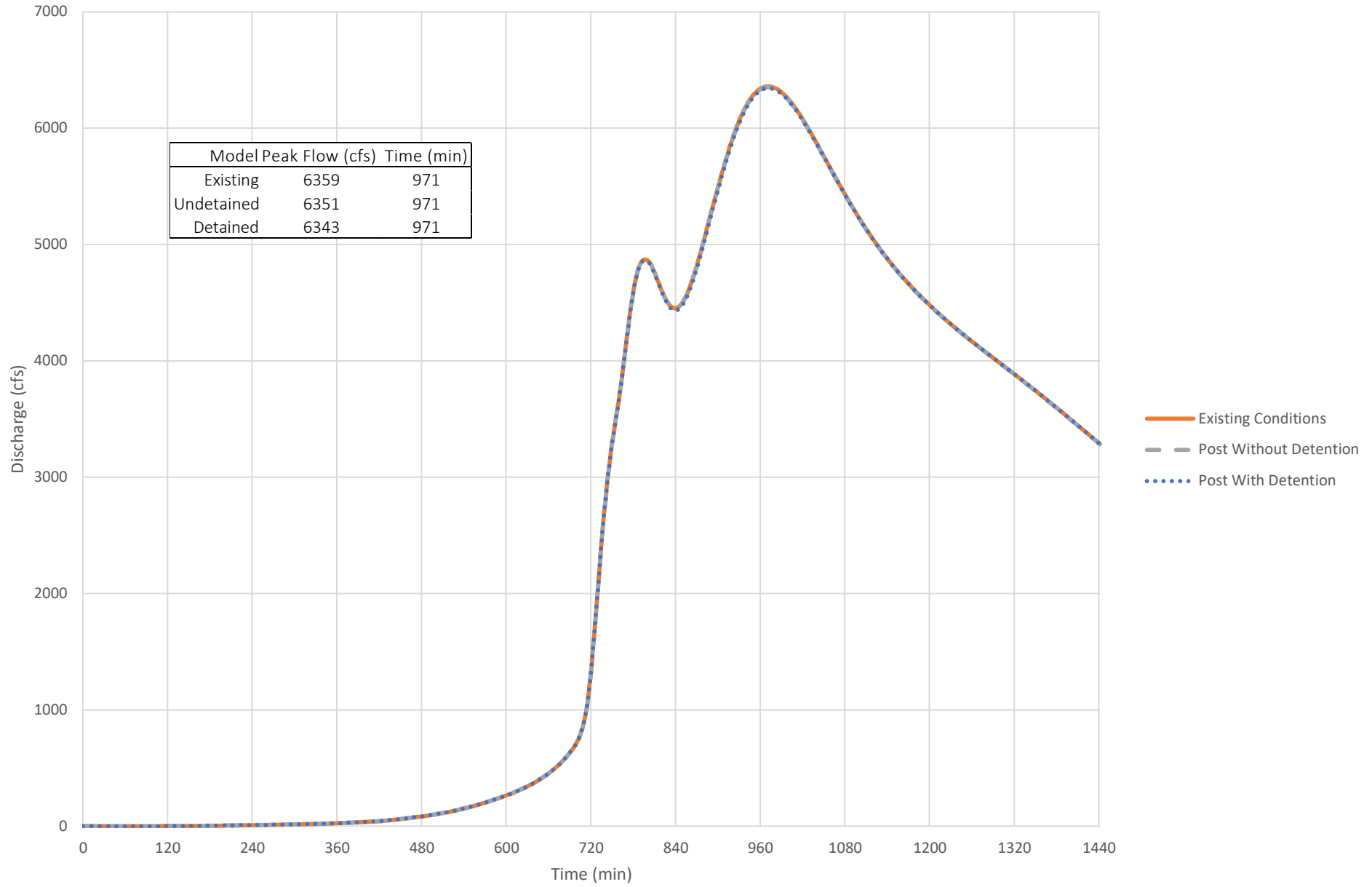


Rose Lane 10-Year Storm Discharge

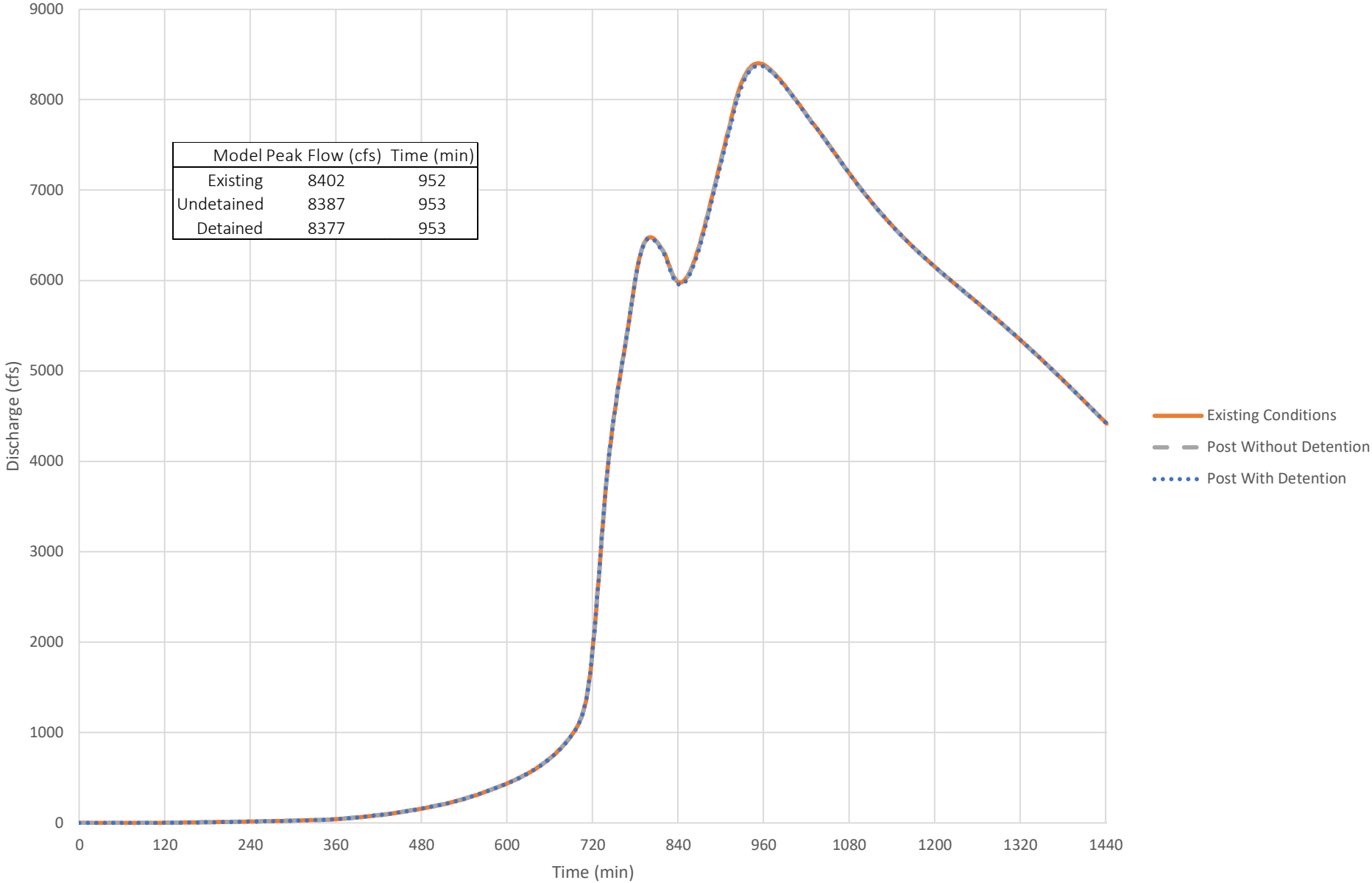


- Existing Conditions
- Post Without Detention
- Post With Detention

Rose Lane 25-Year Storm Discharge



Rose Lane 100-Year Storm Discharge



*RESULTS:
FLOWMASTER*

S. Saunders St. - PRE - 1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	966.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.29
	43+88	261.26
	43+90	261.25
	43+91	261.25
	43+93	261.24
	43+94	261.24
	43+97	261.22
	43+97	261.22
	43+98	261.21
	43+99	261.21
	44+00	261.20
	44+00	261.20
	44+01	261.19
	44+02	261.17
	44+03	261.15
	44+04	261.13
	44+05	261.10
	44+06	261.08
	44+07	261.06
	44+09	260.99
	44+10	260.98
	44+11	260.94
	44+11	260.92
	44+11	260.92
	44+13	260.84
	44+13	260.83
	44+13	260.82
	44+15	260.73
	44+20	260.51
	44+20	260.49
	44+27	260.10
	44+28	260.00
	44+31	259.77
	44+32	259.66
	44+40	259.08
	44+41	259.01
	44+42	258.98
	44+46	258.70

S. Saunders St. - PRE - 1yr
Section Definitions

Station (ft)	Elevation (ft)
44+52	258.46
44+55	258.28
44+59	258.16
44+61	258.10
44+64	258.00
44+65	257.95
44+66	257.93
44+75	257.66
44+78	257.59
44+80	257.51
44+87	257.02
44+88	256.99
44+88	256.98
44+89	256.92
44+90	256.79
44+90	256.77
44+93	256.51
44+95	256.43
44+96	256.42
45+00	256.00
45+24	254.76
45+26	254.73
45+27	254.72
45+30	254.53
45+31	254.52
45+32	254.47
45+32	254.45
45+33	254.45
45+34	254.41
45+36	254.36
45+37	254.34
45+38	254.30
45+39	254.29
45+40	254.27
45+42	254.25
45+42	254.24
45+43	254.24
45+44	254.24
45+45	254.24
45+45	254.22
45+46	254.22
45+46	254.21
45+67	254.28
45+68	254.28
45+68	254.27
45+69	254.26
45+74	254.28

**S. Saunders St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.28
45+75	254.28
45+78	254.27
45+79	254.27
45+80	254.26
45+80	254.26
45+81	254.26
45+81	254.26
45+83	254.28
45+84	254.28
45+85	254.28
45+88	254.32
45+89	254.31
45+92	254.36
45+99	254.40
46+00	254.39
46+01	254.38
46+06	254.33
46+07	254.32
46+14	254.26
46+14	254.25
46+14	254.24
46+15	254.23
46+15	254.22
46+40	254.08
46+41	254.08
46+41	254.08
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.28
47+35	252.27
47+36	252.26
47+36	252.26
47+38	252.24
47+45	252.17
47+46	252.16
47+48	252.14
47+52	252.14
47+57	252.11
47+59	252.11
47+63	252.09
47+78	252.04
47+84	252.02
47+84	252.02

S. Saunders St. - PRE - 1yr
Section Definitions

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.94
48+02	251.94
48+06	251.92
48+11	251.93
48+16	251.96
48+17	251.98
48+17	251.98
48+18	252.00
48+25	252.08
48+42	252.08
48+44	252.07
48+44	252.07
48+44	252.07
48+47	252.08
48+47	252.08
48+47	252.08
48+50	252.09
48+60	252.09
48+66	252.03
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.85
48+72	251.83
48+74	251.59
48+75	251.54
48+77	251.35
48+78	251.29
48+78	251.29
48+79	251.26
48+79	251.23
48+80	251.21
48+82	251.14
48+84	251.11
48+85	251.09
48+86	251.08
48+91	250.99
49+00	250.88
49+00	250.87
49+02	250.85
49+02	250.84
49+03	250.80
49+04	250.78
49+05	250.73
49+16	250.60
49+16	250.54

S. Saunders St. - PRE - 1yr
Section Definitions

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.49
49+18	250.43
49+19	250.42
49+19	250.40
49+22	250.37
49+22	250.34
49+23	250.32
49+23	250.32
49+25	250.28
49+28	250.24
49+30	250.20
49+30	250.18
49+33	250.09
49+33	250.08
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.31
49+53	249.98
49+64	241.23
49+64	230.22
49+74	226.69
49+92	226.66
50+13	226.63
50+13	241.93
50+23	243.96
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.35
52+02	243.27
52+06	243.18
52+08	243.11
52+08	243.10
52+10	243.04
52+15	242.82
52+28	242.81
52+29	242.62
52+30	242.55
52+32	242.41
52+32	242.41
52+33	242.43
52+35	242.32
52+38	242.22
52+39	242.25
52+39	242.25
52+48	242.01
52+48	242.01
52+48	242.01
52+49	242.00
52+58	241.91
52+58	241.91
52+58	241.91
52+67	241.83
52+67	241.83
52+72	241.80
52+72	241.80
52+78	241.79
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

**S. Saunders St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.16
52+94	242.20
52+98	242.46
53+32	243.74
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.29)	(49+45, 250.31)	0.105
(49+45, 250.31)	(49+64, 241.23)	0.130
(49+64, 241.23)	(50+13, 241.93)	0.040
(50+13, 241.93)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	37.9 in
Roughness Coefficient	0.040
Elevation	229.79 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	136.1 ft ²
Wetted Perimeter	51.5 ft
Hydraulic Radius	31.7 in
Top Width	47.82 ft
Normal Depth	37.9 in
Critical Depth	31.3 in
Critical Slope	0.019 ft/ft
Velocity	7.10 ft/s
Velocity Head	0.78 ft

S. Saunders St. - PRE - 1yr

Results

Specific Energy	3.94 ft
Froude Number	0.742
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	37.9 in
Critical Depth	31.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.019 ft/ft

S. Saunders St. - PRE - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,368.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
43+83	261.30
43+88	261.30
43+90	261.30
43+91	261.30
43+93	261.20
43+94	261.20
43+97	261.20
43+97	261.20
43+98	261.20
43+99	261.20
44+00	261.20
44+00	261.20
44+01	261.20
44+02	261.20
44+03	261.20
44+04	261.10
44+05	261.10
44+06	261.10
44+07	261.10
44+09	261.00
44+10	261.00
44+11	260.90
44+11	260.90
44+11	260.90
44+13	260.80
44+13	260.80
44+13	260.80
44+15	260.70
44+20	260.50
44+20	260.50
44+27	260.10
44+28	260.00
44+31	259.80
44+32	259.70
44+40	259.10
44+41	259.00
44+42	259.00
44+46	258.70

S. Saunders St. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

S. Saunders St. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

S. Saunders St. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

S. Saunders St. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

S. Saunders St. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

**S. Saunders St. - PRE - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	47.0 in
Roughness Coefficient	0.040
Elevation	230.52 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	170.7 ft ²
Wetted Perimeter	53.8 ft
Hydraulic Radius	38.0 in
Top Width	49.00 ft
Normal Depth	47.0 in
Critical Depth	39.7 in
Critical Slope	0.018 ft/ft
Velocity	8.02 ft/s
Velocity Head	1.00 ft

S. Saunders St. - PRE - 2yr

Results

Specific Energy	4.92 ft
Froude Number	0.757
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	47.0 in
Critical Depth	39.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.018 ft/ft

S. Saunders St. - PRE -10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,430.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - PRE -10yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

S. Saunders St. - PRE -10yr Section Definitions

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - PRE -10yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - PRE -10yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - PRE -10yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - PRE -10yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	65.6 in
Roughness Coefficient	0.040
Elevation	232.06 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	246.3 ft ²
Wetted Perimeter	56.9 ft
Hydraulic Radius	51.9 in
Top Width	49.00 ft
Normal Depth	65.6 in
Critical Depth	56.2 in
Critical Slope	0.017 ft/ft
Velocity	9.87 ft/s
Velocity Head	1.51 ft

S. Saunders St. - PRE -10yr

Results

Specific Energy	6.98 ft
Froude Number	0.776
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	65.6 in
Critical Depth	56.2 in
Channel Slope	0.010 ft/ft
Critical Slope	0.017 ft/ft

S. Saunders St. - PRE - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,270.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - PRE - 25yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	78.4 in
Roughness Coefficient	0.040
Elevation	233.13 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	298.7 ft ²
Wetted Perimeter	59.1 ft
Hydraulic Radius	60.7 in
Top Width	49.00 ft
Normal Depth	78.4 in
Critical Depth	67.3 in
Critical Slope	0.017 ft/ft
Velocity	10.95 ft/s
Velocity Head	1.86 ft

S. Saunders St. - PRE - 25yr

Results

Specific Energy	8.39 ft
Froude Number	0.782
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	78.4 in
Critical Depth	67.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.017 ft/ft

S. Saunders St. - PRE -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,580.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
43+83	261.30
43+88	261.30
43+90	261.30
43+91	261.30
43+93	261.20
43+94	261.20
43+97	261.20
43+97	261.20
43+98	261.20
43+99	261.20
44+00	261.20
44+00	261.20
44+01	261.20
44+02	261.20
44+03	261.20
44+04	261.10
44+05	261.10
44+06	261.10
44+07	261.10
44+09	261.00
44+10	261.00
44+11	260.90
44+11	260.90
44+11	260.90
44+13	260.80
44+13	260.80
44+13	260.80
44+15	260.70
44+20	260.50
44+20	260.50
44+27	260.10
44+28	260.00
44+31	259.80
44+32	259.70
44+40	259.10
44+41	259.00
44+42	259.00
44+46	258.70

**S. Saunders St. - PRE -100yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - PRE -100yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - PRE -100yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - PRE -100yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - PRE -100yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	96.6 in
Roughness Coefficient	0.040
Elevation	234.65 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	373.1 ft ²
Wetted Perimeter	62.1 ft
Hydraulic Radius	72.1 in
Top Width	49.00 ft
Normal Depth	96.6 in
Critical Depth	82.9 in
Critical Slope	0.016 ft/ft
Velocity	12.28 ft/s
Velocity Head	2.34 ft

S. Saunders St. - PRE -100yr

Results

Specific Energy	10.39 ft
Froude Number	0.784
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	96.6 in
Critical Depth	82.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.016 ft/ft

S. Wilmington St. - PRE - 1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,240.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

**S. Wilmington St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - PRE - 1yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	76.4 in
Roughness Coefficient	0.050
Elevation	224.52 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	166.3 ft ²
Wetted Perimeter	41.8 ft
Hydraulic Radius	47.7 in
Top Width	35.46 ft
Normal Depth	76.4 in
Critical Depth	59.7 in
Critical Slope	0.028 ft/ft
Velocity	7.46 ft/s
Velocity Head	0.86 ft
Specific Energy	7.23 ft
Froude Number	0.607
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	76.4 in
Critical Depth	59.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.028 ft/ft

S. Wilmington St. - PRE - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,743.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

**S. Wilmington St. - PRE - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - PRE - 2yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	90.7 in
Roughness Coefficient	0.050
Elevation	225.71 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	209.2 ft ²
Wetted Perimeter	44.6 ft
Hydraulic Radius	56.3 in
Top Width	36.60 ft
Normal Depth	90.7 in
Critical Depth	70.5 in
Critical Slope	0.027 ft/ft
Velocity	8.33 ft/s
Velocity Head	1.08 ft
Specific Energy	8.64 ft
Froude Number	0.614
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	90.7 in
Critical Depth	70.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.027 ft/ft

S. Wilmington St. - PRE -10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,722.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	46+61	250.20
	46+71	248.70
	46+81	247.80
	46+91	247.30
	47+01	246.30
	47+11	244.60
	47+21	243.70
	47+31	242.90
	47+41	242.30
	47+51	241.50
	47+61	240.80
	47+71	240.20
	47+81	239.70
	47+91	239.10
	48+01	238.70
	48+11	238.10
	48+21	237.70
	48+31	237.20
	48+41	236.90
	48+51	236.80
	48+61	236.50
	48+71	236.20
	48+81	236.00
	48+91	235.90
	49+01	235.70
	49+21	235.70
	49+31	235.50
	49+41	235.50
	49+51	235.50
	49+61	233.80
	49+71	228.50
	49+85	227.66
	49+86	220.44
	49+88	218.81
	49+94	218.15
	49+98	218.22
	50+01	219.68
	50+05	220.20

**S. Wilmington St. - PRE -10yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - PRE -10yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	142.6 in
Roughness Coefficient	0.072
Elevation	230.03 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	413.1 ft ²
Wetted Perimeter	72.8 ft
Hydraulic Radius	68.1 in
Top Width	61.44 ft
Normal Depth	142.6 in
Critical Depth	88.7 in
Critical Slope	0.055 ft/ft
Velocity	6.59 ft/s
Velocity Head	0.67 ft
Specific Energy	12.56 ft
Froude Number	0.448
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	142.6 in
Critical Depth	88.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.055 ft/ft

S. Wilmington St. - PRE -25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,474.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	46+61	250.20
	46+71	248.70
	46+81	247.80
	46+91	247.30
	47+01	246.30
	47+11	244.60
	47+21	243.70
	47+31	242.90
	47+41	242.30
	47+51	241.50
	47+61	240.80
	47+71	240.20
	47+81	239.70
	47+91	239.10
	48+01	238.70
	48+11	238.10
	48+21	237.70
	48+31	237.20
	48+41	236.90
	48+51	236.80
	48+61	236.50
	48+71	236.20
	48+81	236.00
	48+91	235.90
	49+01	235.70
	49+21	235.70
	49+31	235.50
	49+41	235.50
	49+51	235.50
	49+61	233.80
	49+71	228.50
	49+85	227.66
	49+86	220.44
	49+88	218.81
	49+94	218.15
	49+98	218.22
	50+01	219.68
	50+05	220.20

S. Wilmington St. - PRE -25yr Section Definitions

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - PRE -25yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	160.6 in
Roughness Coefficient	0.075
Elevation	231.54 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	510.7 ft ²
Wetted Perimeter	80.5 ft
Hydraulic Radius	76.2 in
Top Width	68.45 ft
Normal Depth	160.6 in
Critical Depth	101.3 in
Critical Slope	0.059 ft/ft
Velocity	6.80 ft/s
Velocity Head	0.72 ft
Specific Energy	14.10 ft
Froude Number	0.439
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	160.6 in
Critical Depth	101.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.059 ft/ft

S. Wilmington St. - PRE -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,826.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

S. Wilmington St. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - PRE -100yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	189.3 in
Roughness Coefficient	0.079
Elevation	233.92 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	688.0 ft ²
Wetted Perimeter	95.1 ft
Hydraulic Radius	86.8 in
Top Width	82.12 ft
Normal Depth	189.3 in
Critical Depth	128.9 in
Critical Slope	0.063 ft/ft
Velocity	7.01 ft/s
Velocity Head	0.76 ft
Specific Energy	16.54 ft
Froude Number	0.427
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	189.3 in
Critical Depth	128.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.063 ft/ft

Garner Rd. - PRE - 1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,271.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
38+10	242.34
38+30	241.44
38+50	240.94
38+60	240.84
38+70	240.54
38+80	239.54
38+90	238.14
39+00	237.64
39+06	237.58
39+10	237.54
39+16	237.48
39+20	237.44
39+26	237.52
39+36	237.67
39+40	237.74
39+46	237.68
39+50	237.64
39+56	237.58
39+70	237.44
39+76	237.38
39+80	237.34
39+86	237.26
39+96	237.11
40+00	237.04
40+06	236.79
40+16	236.34
40+20	236.14
40+36	235.28
40+46	234.73
40+60	233.94
40+70	233.64
40+76	233.58
40+80	233.54
40+90	233.54
40+96	233.54
41+00	233.54
41+06	233.82
41+10	234.04

Garner Rd. - PRE - 1yr Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - PRE - 1yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	107.6 in
Roughness Coefficient	0.126
Elevation	221.38 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	1,339.4 ft ²
Wetted Perimeter	775.4 ft
Hydraulic Radius	20.7 in
Top Width	769.86 ft

Garner Rd. - PRE - 1yr

Results

Normal Depth	107.6 in
Critical Depth	92.0 in
Critical Slope	0.253 ft/ft
Velocity	1.70 ft/s
Velocity Head	0.04 ft
Specific Energy	9.01 ft
Froude Number	0.227
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	107.6 in
Critical Depth	92.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.253 ft/ft

Garner Rd. - PRE - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,457.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	38+10	242.34
	38+30	241.44
	38+50	240.94
	38+60	240.84
	38+70	240.54
	38+80	239.54
	38+90	238.14
	39+00	237.64
	39+06	237.58
	39+10	237.54
	39+16	237.48
	39+20	237.44
	39+26	237.52
	39+36	237.67
	39+40	237.74
	39+46	237.68
	39+50	237.64
	39+56	237.58
	39+70	237.44
	39+76	237.38
	39+80	237.34
	39+86	237.26
	39+96	237.11
	40+00	237.04
	40+06	236.79
	40+16	236.34
	40+20	236.14
	40+36	235.28
	40+46	234.73
	40+60	233.94
	40+70	233.64
	40+76	233.58
	40+80	233.54
	40+90	233.54
	40+96	233.54
	41+00	233.54
	41+06	233.82
	41+10	234.04

Garner Rd. - PRE - 2yr
Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - PRE - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - PRE - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - PRE - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - PRE - 2yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	114.1 in
Roughness Coefficient	0.124
Elevation	221.93 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	1,787.3 ft ²
Wetted Perimeter	867.2 ft
Hydraulic Radius	24.7 in
Top Width	861.58 ft

Garner Rd. - PRE - 2yr

Results

Normal Depth	114.1 in
Critical Depth	95.5 in
Critical Slope	0.231 ft/ft
Velocity	1.93 ft/s
Velocity Head	0.06 ft
Specific Energy	9.57 ft
Froude Number	0.237
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	114.1 in
Critical Depth	95.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.231 ft/ft

Garner Rd. - PRE - 2yr

Messages:

Flow is divided.

Garner Rd. - PRE - 10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	5,817.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
38+10	242.34
38+30	241.44
38+50	240.94
38+60	240.84
38+70	240.54
38+80	239.54
38+90	238.14
39+00	237.64
39+06	237.58
39+10	237.54
39+16	237.48
39+20	237.44
39+26	237.52
39+36	237.67
39+40	237.74
39+46	237.68
39+50	237.64
39+56	237.58
39+70	237.44
39+76	237.38
39+80	237.34
39+86	237.26
39+96	237.11
40+00	237.04
40+06	236.79
40+16	236.34
40+20	236.14
40+36	235.28
40+46	234.73
40+60	233.94
40+70	233.64
40+76	233.58
40+80	233.54
40+90	233.54
40+96	233.54
41+00	233.54
41+06	233.82
41+10	234.04

**Garner Rd. - PRE - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - PRE - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - PRE - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - PRE - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - PRE - 10yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	124.6 in
Roughness Coefficient	0.125
Elevation	222.80 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	2,592.7 ft ²
Wetted Perimeter	999.3 ft
Hydraulic Radius	31.1 in
Top Width	993.63 ft

Garner Rd. - PRE - 10yr

Results

Normal Depth	124.6 in
Critical Depth	100.6 in
Critical Slope	0.212 ft/ft
Velocity	2.24 ft/s
Velocity Head	0.08 ft
Specific Energy	10.46 ft
Froude Number	0.245
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	124.6 in
Critical Depth	100.6 in
Channel Slope	0.010 ft/ft
Critical Slope	0.212 ft/ft

Garner Rd. - PRE -25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	7,669.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
38+10	242.34
38+30	241.44
38+50	240.94
38+60	240.84
38+70	240.54
38+80	239.54
38+90	238.14
39+00	237.64
39+06	237.58
39+10	237.54
39+16	237.48
39+20	237.44
39+26	237.52
39+36	237.67
39+40	237.74
39+46	237.68
39+50	237.64
39+56	237.58
39+70	237.44
39+76	237.38
39+80	237.34
39+86	237.26
39+96	237.11
40+00	237.04
40+06	236.79
40+16	236.34
40+20	236.14
40+36	235.28
40+46	234.73
40+60	233.94
40+70	233.64
40+76	233.58
40+80	233.54
40+90	233.54
40+96	233.54
41+00	233.54
41+06	233.82
41+10	234.04

**Garner Rd. - PRE -25yr
Section Definitions**

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - PRE -25yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - PRE -25yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - PRE -25yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - PRE -25yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	131.0 in
Roughness Coefficient	0.124
Elevation	223.34 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	3,151.9 ft ²
Wetted Perimeter	1,092.9 ft
Hydraulic Radius	34.6 in
Top Width	1,087.23 ft

Garner Rd. - PRE -25yr

Results

Normal Depth	131.0 in
Critical Depth	104.0 in
Critical Slope	0.198 ft/ft
Velocity	2.43 ft/s
Velocity Head	0.09 ft
Specific Energy	11.01 ft
Froude Number	0.252
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	131.0 in
Critical Depth	104.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.198 ft/ft

Garner Rd. - PRE -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	9,608.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	38+10	242.34
	38+30	241.44
	38+50	240.94
	38+60	240.84
	38+70	240.54
	38+80	239.54
	38+90	238.14
	39+00	237.64
	39+06	237.58
	39+10	237.54
	39+16	237.48
	39+20	237.44
	39+26	237.52
	39+36	237.67
	39+40	237.74
	39+46	237.68
	39+50	237.64
	39+56	237.58
	39+70	237.44
	39+76	237.38
	39+80	237.34
	39+86	237.26
	39+96	237.11
	40+00	237.04
	40+06	236.79
	40+16	236.34
	40+20	236.14
	40+36	235.28
	40+46	234.73
	40+60	233.94
	40+70	233.64
	40+76	233.58
	40+80	233.54
	40+90	233.54
	40+96	233.54
	41+00	233.54
	41+06	233.82
	41+10	234.04

Garner Rd. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

Garner Rd. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

Garner Rd. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

Garner Rd. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - PRE -100yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	136.5 in
Roughness Coefficient	0.124
Elevation	223.79 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	3,657.9 ft ²
Wetted Perimeter	1,134.1 ft
Hydraulic Radius	38.7 in
Top Width	1,128.39 ft

Garner Rd. - PRE -100yr

Results

Normal Depth	136.5 in
Critical Depth	107.0 in
Critical Slope	0.188 ft/ft
Velocity	2.63 ft/s
Velocity Head	0.11 ft
Specific Energy	11.48 ft
Froude Number	0.257
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	136.5 in
Critical Depth	107.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.188 ft/ft

S. State St. - PRE - 1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,011.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

**S. State St. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

**S. State St. - PRE - 1yr
Roughness Segment Definitions**

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	76.9 in
Roughness Coefficient	0.149
Elevation	217.91 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	1,472.7 ft ²
Wetted Perimeter	917.1 ft
Hydraulic Radius	19.3 in
Top Width	913.43 ft
Normal Depth	76.9 in
Critical Depth	58.2 in
Critical Slope	0.342 ft/ft
Velocity	1.37 ft/s
Velocity Head	0.03 ft
Specific Energy	6.44 ft
Froude Number	0.190
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	76.9 in
Critical Depth	58.2 in
Channel Slope	0.010 ft/ft
Critical Slope	0.342 ft/ft

S. State St. - PRE - 1yr

Messages:

Flow is divided.

S. State St. - PRE-2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,015.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	34+29	237.80
	34+39	233.20
	34+49	232.70
	34+59	232.30
	34+79	231.90
	34+89	231.80
	34+99	231.70
	35+09	231.50
	35+19	231.00
	35+29	230.90
	35+39	231.00
	35+49	231.10
	35+59	230.80
	35+69	230.70
	35+79	230.70
	35+89	230.90
	35+99	230.90
	36+09	230.50
	36+19	230.20
	36+39	229.90
	36+49	229.50
	36+59	229.90
	36+69	230.00
	36+89	229.90
	37+19	228.60
	37+29	228.30
	37+39	228.30
	37+79	227.70
	37+89	227.50
	38+09	227.10
	38+19	226.80
	38+39	226.60
	38+49	226.40
	38+69	225.50
	38+89	224.50
	39+09	223.10
	39+19	223.00
	39+29	223.20

**S. State St. - PRE-2yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - PRE-2yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - PRE-2yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - PRE-2yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	83.2 in
Roughness Coefficient	0.150
Elevation	218.43 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	1,972.7 ft ²
Wetted Perimeter	1,031.4 ft
Hydraulic Radius	23.0 in
Top Width	1,027.41 ft
Normal Depth	83.2 in
Critical Depth	62.1 in
Critical Slope	0.333 ft/ft
Velocity	1.53 ft/s
Velocity Head	0.04 ft
Specific Energy	6.97 ft
Froude Number	0.194
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	83.2 in
Critical Depth	62.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.333 ft/ft

S. State St. - PRE-2yr

Messages:

Flow is divided.

S. State St. - PRE - 10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	5,287.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

S. State St. - PRE - 10yr Section Definitions

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - PRE - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - PRE - 10yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - PRE - 10yr Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	94.3 in
Roughness Coefficient	0.151
Elevation	219.36 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	3,049.3 ft ²
Wetted Perimeter	1,306.7 ft
Hydraulic Radius	28.0 in
Top Width	1,302.43 ft
Normal Depth	94.3 in
Critical Depth	68.0 in
Critical Slope	0.316 ft/ft
Velocity	1.73 ft/s
Velocity Head	0.05 ft
Specific Energy	7.90 ft
Froude Number	0.200
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	94.3 in
Critical Depth	68.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.316 ft/ft

S. State St. - PRE - 10yr

Messages:

Flow is divided.

S. State St. - PRE - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	6,940.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - PRE - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - PRE - 25yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - PRE - 25yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	99.7 in
Roughness Coefficient	0.151
Elevation	219.81 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	3,660.2 ft ²
Wetted Perimeter	1,369.0 ft
Hydraulic Radius	32.1 in
Top Width	1,364.73 ft
Normal Depth	99.7 in
Critical Depth	71.1 in
Critical Slope	0.304 ft/ft
Velocity	1.90 ft/s
Velocity Head	0.06 ft
Specific Energy	8.36 ft
Froude Number	0.204
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	99.7 in
Critical Depth	71.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.304 ft/ft

S. State St. - PRE - 100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	9,131.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - PRE - 100yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - PRE - 100yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

**S. State St. - PRE - 100yr
Section Definitions**

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - PRE - 100yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	105.5 in
Roughness Coefficient	0.151
Elevation	220.30 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	4,326.3 ft ²
Wetted Perimeter	1,377.7 ft
Hydraulic Radius	37.7 in
Top Width	1,373.34 ft
Normal Depth	105.5 in
Critical Depth	74.7 in
Critical Slope	0.290 ft/ft
Velocity	2.11 ft/s
Velocity Head	0.07 ft
Specific Energy	8.86 ft
Froude Number	0.210
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	105.5 in
Critical Depth	74.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.290 ft/ft

Rose Ln. - PRE - 1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,846.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - PRE - 1yr
Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

**Rose Ln. - PRE - 1yr
Section Definitions**

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - PRE - 1yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	78.4 in
Roughness Coefficient	0.151
Elevation	202.65 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	1,450.2 ft ²
Wetted Perimeter	984.0 ft
Hydraulic Radius	17.7 in
Top Width	980.96 ft
Normal Depth	78.4 in
Critical Depth	61.5 in
Critical Slope	0.373 ft/ft
Velocity	1.27 ft/s
Velocity Head	0.03 ft

Rose Ln. - PRE - 1yr

Results

Specific Energy	6.56 ft
Froude Number	0.185
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	78.4 in
Critical Depth	61.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.373 ft/ft

Rose Ln. - PRE - 1yr

Messages:

Flow is divided.

Rose Ln. - PRE -2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,693.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - PRE -2yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - PRE -2yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - PRE -2yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	83.3 in
Roughness Coefficient	0.151
Elevation	203.06 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	1,866.0 ft ²
Wetted Perimeter	1,046.6 ft
Hydraulic Radius	21.4 in
Top Width	1,043.47 ft
Normal Depth	83.3 in
Critical Depth	64.3 in
Critical Slope	0.354 ft/ft
Velocity	1.44 ft/s
Velocity Head	0.03 ft

Rose Ln. - PRE -2yr

Results

Specific Energy	6.98 ft
Froude Number	0.190
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	83.3 in
Critical Depth	64.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.354 ft/ft

Rose Ln. - PRE -2yr

Messages:

Flow is divided.

Rose Ln. - PRE -10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,805.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - PRE -10yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - PRE -10yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - PRE -10yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station & Elevation	End Station & Elevation	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	92.4 in
Roughness Coefficient	0.151
Elevation	203.82 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	2,674.3 ft ²
Wetted Perimeter	1,078.8 ft
Hydraulic Radius	29.7 in
Top Width	1,075.55 ft
Normal Depth	92.4 in
Critical Depth	69.7 in
Critical Slope	0.329 ft/ft
Velocity	1.80 ft/s
Velocity Head	0.05 ft

Rose Ln. - PRE -10yr

Results

Specific Energy	7.75 ft
Froude Number	0.201
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	92.4 in
Critical Depth	69.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.329 ft/ft

Rose Ln. - PRE - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	6,359.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - PRE - 25yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - PRE - 25yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - PRE - 25yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	98.0 in
Roughness Coefficient	0.152
Elevation	204.28 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	3,171.5 ft ²
Wetted Perimeter	1,084.9 ft
Hydraulic Radius	35.1 in
Top Width	1,081.59 ft
Normal Depth	98.0 in
Critical Depth	72.5 in
Critical Slope	0.312 ft/ft
Velocity	2.01 ft/s
Velocity Head	0.06 ft

Rose Ln. - PRE - 25yr

Results

Specific Energy	8.23 ft
Froude Number	0.206
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	98.0 in
Critical Depth	72.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.312 ft/ft

Rose Ln. - PRE - 100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	8,402.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - PRE - 100yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - PRE - 100yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - PRE - 100yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	104.5 in
Roughness Coefficient	0.152
Elevation	204.82 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	3,758.6 ft ²
Wetted Perimeter	1,092.1 ft
Hydraulic Radius	41.3 in
Top Width	1,088.69 ft
Normal Depth	104.5 in
Critical Depth	76.1 in
Critical Slope	0.303 ft/ft
Velocity	2.24 ft/s
Velocity Head	0.08 ft

Rose Ln. - PRE - 100yr

Results

Specific Energy	8.78 ft
Froude Number	0.212
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	104.5 in
Critical Depth	76.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.303 ft/ft

S. Saunders St. - POST -1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	964.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - POST -1yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	38.5 in
Roughness Coefficient	0.040
Elevation	229.81 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	136.0 ft ²
Wetted Perimeter	51.6 ft
Hydraulic Radius	31.6 in
Top Width	47.88 ft
Normal Depth	38.5 in
Critical Depth	31.9 in
Critical Slope	0.019 ft/ft
Velocity	7.09 ft/s
Velocity Head	0.78 ft

S. Saunders St. - POST -1yr

Results

Specific Energy	3.99 ft
Froude Number	0.741
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	38.5 in
Critical Depth	31.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.019 ft/ft

S. Saunders St. - POST - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,365.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	47.0 in
Roughness Coefficient	0.040
Elevation	230.51 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	170.4 ft ²
Wetted Perimeter	53.8 ft
Hydraulic Radius	38.0 in
Top Width	49.00 ft
Normal Depth	47.0 in
Critical Depth	39.7 in
Critical Slope	0.018 ft/ft
Velocity	8.01 ft/s
Velocity Head	1.00 ft

S. Saunders St. - POST - 2yr

Results

Specific Energy	4.91 ft
Froude Number	0.757
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	47.0 in
Critical Depth	39.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.018 ft/ft

S. Saunders St. - POST -10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,425.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - POST -10yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	65.5 in
Roughness Coefficient	0.040
Elevation	232.06 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	246.0 ft ²
Wetted Perimeter	56.9 ft
Hydraulic Radius	51.9 in
Top Width	49.00 ft
Normal Depth	65.5 in
Critical Depth	56.1 in
Critical Slope	0.017 ft/ft
Velocity	9.86 ft/s
Velocity Head	1.51 ft

S. Saunders St. - POST -10yr

Results

Specific Energy	6.97 ft
Froude Number	0.776
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	65.5 in
Critical Depth	56.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.017 ft/ft

S. Saunders St. - POST- 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,269.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - POST- 25yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - POST- 25yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - POST- 25yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - POST- 25yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - POST- 25yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

S. Saunders St. - POST- 25yr Section Definitions

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	78.4 in
Roughness Coefficient	0.040
Elevation	233.13 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	298.7 ft ²
Wetted Perimeter	59.1 ft
Hydraulic Radius	60.7 in
Top Width	49.00 ft
Normal Depth	78.4 in
Critical Depth	67.3 in
Critical Slope	0.017 ft/ft
Velocity	10.95 ft/s
Velocity Head	1.86 ft

S. Saunders St. - POST- 25yr

Results

Specific Energy	8.39 ft
Froude Number	0.782
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	78.4 in
Critical Depth	67.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.017 ft/ft

S. Saunders St. - POST -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,578.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	43+83	261.30
	43+88	261.30
	43+90	261.30
	43+91	261.30
	43+93	261.20
	43+94	261.20
	43+97	261.20
	43+97	261.20
	43+98	261.20
	43+99	261.20
	44+00	261.20
	44+00	261.20
	44+01	261.20
	44+02	261.20
	44+03	261.20
	44+04	261.10
	44+05	261.10
	44+06	261.10
	44+07	261.10
	44+09	261.00
	44+10	261.00
	44+11	260.90
	44+11	260.90
	44+11	260.90
	44+13	260.80
	44+13	260.80
	44+13	260.80
	44+15	260.70
	44+20	260.50
	44+20	260.50
	44+27	260.10
	44+28	260.00
	44+31	259.80
	44+32	259.70
	44+40	259.10
	44+41	259.00
	44+42	259.00
	44+46	258.70

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
44+52	258.50
44+55	258.30
44+59	258.20
44+61	258.10
44+64	258.00
44+65	258.00
44+66	257.90
44+75	257.70
44+78	257.60
44+80	257.50
44+87	257.00
44+88	257.00
44+88	257.00
44+89	256.90
44+90	256.80
44+90	256.80
44+93	256.50
44+95	256.40
44+96	256.40
45+00	256.00
45+24	254.80
45+26	254.70
45+27	254.70
45+30	254.50
45+31	254.50
45+32	254.50
45+32	254.50
45+33	254.50
45+34	254.40
45+36	254.40
45+37	254.30
45+38	254.30
45+39	254.30
45+40	254.30
45+42	254.30
45+42	254.20
45+43	254.20
45+44	254.20
45+45	254.20
45+45	254.20
45+46	254.20
45+46	254.20
45+67	254.30
45+68	254.30
45+68	254.30
45+69	254.30
45+74	254.30

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
45+74	254.30
45+75	254.30
45+78	254.30
45+79	254.30
45+80	254.30
45+80	254.30
45+81	254.30
45+81	254.30
45+83	254.30
45+84	254.30
45+85	254.30
45+88	254.30
45+89	254.30
45+92	254.40
45+99	254.40
46+00	254.40
46+01	254.40
46+06	254.30
46+07	254.30
46+14	254.30
46+14	254.30
46+14	254.20
46+15	254.20
46+15	254.20
46+40	254.10
46+41	254.10
46+41	254.10
46+45	254.00
46+51	254.00
46+61	254.00
46+64	254.00
46+68	254.00
47+35	252.30
47+35	252.30
47+36	252.30
47+36	252.30
47+38	252.20
47+45	252.20
47+46	252.20
47+48	252.10
47+52	252.10
47+57	252.10
47+59	252.10
47+63	252.10
47+78	252.00
47+84	252.00
47+84	252.00

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
47+92	252.00
48+02	251.90
48+02	251.90
48+06	251.90
48+11	251.90
48+16	252.00
48+17	252.00
48+17	252.00
48+18	252.00
48+25	252.10
48+42	252.10
48+44	252.10
48+44	252.10
48+44	252.10
48+47	252.10
48+47	252.10
48+47	252.10
48+50	252.10
48+60	252.10
48+66	252.00
48+69	252.00
48+69	252.00
48+69	252.00
48+72	251.90
48+72	251.80
48+74	251.60
48+75	251.50
48+77	251.40
48+78	251.30
48+78	251.30
48+79	251.30
48+79	251.20
48+80	251.20
48+82	251.10
48+84	251.10
48+85	251.10
48+86	251.10
48+91	251.00
49+00	250.90
49+00	250.90
49+02	250.90
49+02	250.80
49+03	250.80
49+04	250.80
49+05	250.70
49+16	250.60
49+16	250.50

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
49+17	250.50
49+17	250.50
49+18	250.40
49+19	250.40
49+19	250.40
49+22	250.40
49+22	250.30
49+23	250.30
49+23	250.30
49+25	250.30
49+28	250.20
49+30	250.20
49+30	250.20
49+33	250.10
49+33	250.10
49+34	250.00
49+35	250.00
49+35	250.00
49+35	250.00
49+45	250.30
49+53	250.00
49+64	241.20
49+64	230.20
49+74	226.70
49+92	226.70
50+13	226.60
50+13	241.90
50+23	244.00
50+37	244.00
50+37	244.00
50+38	244.00
50+38	244.00
50+49	244.00
50+65	244.00
50+88	244.00
50+88	244.00
50+94	244.00
50+96	244.00
51+08	244.00
51+14	244.00
51+15	244.00
51+34	244.00
51+35	244.00
51+36	244.00
51+37	244.00
51+40	244.00
51+40	244.00

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
51+40	244.00
51+51	244.00
51+51	244.00
51+52	244.00
51+53	244.00
51+54	244.00
51+56	244.00
51+59	244.00
51+63	244.00
51+65	244.00
51+68	244.00
51+70	244.00
51+71	244.00
51+81	244.00
51+99	243.40
52+02	243.30
52+06	243.20
52+08	243.10
52+08	243.10
52+10	243.00
52+15	242.80
52+28	242.80
52+29	242.60
52+30	242.60
52+32	242.40
52+32	242.40
52+33	242.40
52+35	242.30
52+38	242.20
52+39	242.30
52+39	242.30
52+48	242.00
52+48	242.00
52+48	242.00
52+49	242.00
52+58	241.90
52+58	241.90
52+58	241.90
52+67	241.80
52+67	241.80
52+72	241.80
52+72	241.80
52+78	241.80
52+83	242.00
52+85	242.00
52+86	242.00
52+88	242.00

**S. Saunders St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
52+89	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+90	242.00
52+93	242.20
52+94	242.20
52+98	242.50
53+32	243.70
53+34	244.00
53+40	246.00
53+45	248.00
53+51	250.00
53+58	252.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(43+83, 261.30)	(49+45, 250.30)	0.105
(49+45, 250.30)	(49+64, 241.20)	0.130
(49+64, 241.20)	(50+13, 241.90)	0.040
(50+13, 241.90)	(50+65, 244.00)	0.130
(50+65, 244.00)	(53+58, 252.00)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	96.6 in
Roughness Coefficient	0.040
Elevation	234.65 ft
Elevation Range	226.6 to 261.3 ft
Flow Area	373.0 ft ²
Wetted Perimeter	62.1 ft
Hydraulic Radius	72.1 in
Top Width	49.00 ft
Normal Depth	96.6 in
Critical Depth	82.9 in
Critical Slope	0.016 ft/ft
Velocity	12.27 ft/s
Velocity Head	2.34 ft

S. Saunders St. - POST -100yr

Results

Specific Energy	10.39 ft
Froude Number	0.784
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	96.6 in
Critical Depth	82.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.016 ft/ft

S. Wilmington St. - POST -1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,239.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	46+61	250.20
	46+71	248.70
	46+81	247.80
	46+91	247.30
	47+01	246.30
	47+11	244.60
	47+21	243.70
	47+31	242.90
	47+41	242.30
	47+51	241.50
	47+61	240.80
	47+71	240.20
	47+81	239.70
	47+91	239.10
	48+01	238.70
	48+11	238.10
	48+21	237.70
	48+31	237.20
	48+41	236.90
	48+51	236.80
	48+61	236.50
	48+71	236.20
	48+81	236.00
	48+91	235.90
	49+01	235.70
	49+21	235.70
	49+31	235.50
	49+41	235.50
	49+51	235.50
	49+61	233.80
	49+71	228.50
	49+85	227.66
	49+86	220.44
	49+88	218.81
	49+94	218.15
	49+98	218.22
	50+01	219.68
	50+05	220.20

**S. Wilmington St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - POST -1yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	76.4 in
Roughness Coefficient	0.050
Elevation	224.51 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	166.2 ft ²
Wetted Perimeter	41.8 ft
Hydraulic Radius	47.7 in
Top Width	35.46 ft
Normal Depth	76.4 in
Critical Depth	59.6 in
Critical Slope	0.028 ft/ft
Velocity	7.46 ft/s
Velocity Head	0.86 ft
Specific Energy	7.23 ft
Froude Number	0.607
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	76.4 in
Critical Depth	59.6 in
Channel Slope	0.010 ft/ft
Critical Slope	0.028 ft/ft

S. Wilmington St. - POST - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,739.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	46+61	250.20
	46+71	248.70
	46+81	247.80
	46+91	247.30
	47+01	246.30
	47+11	244.60
	47+21	243.70
	47+31	242.90
	47+41	242.30
	47+51	241.50
	47+61	240.80
	47+71	240.20
	47+81	239.70
	47+91	239.10
	48+01	238.70
	48+11	238.10
	48+21	237.70
	48+31	237.20
	48+41	236.90
	48+51	236.80
	48+61	236.50
	48+71	236.20
	48+81	236.00
	48+91	235.90
	49+01	235.70
	49+21	235.70
	49+31	235.50
	49+41	235.50
	49+51	235.50
	49+61	233.80
	49+71	228.50
	49+85	227.66
	49+86	220.44
	49+88	218.81
	49+94	218.15
	49+98	218.22
	50+01	219.68
	50+05	220.20

S. Wilmington St. - POST - 2yr
Section Definitions

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - POST - 2yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method
Results	
Normal Depth	90.6 in
Roughness Coefficient	0.050
Elevation	225.70 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	208.9 ft ²
Wetted Perimeter	44.6 ft
Hydraulic Radius	56.3 in
Top Width	36.59 ft
Normal Depth	90.6 in
Critical Depth	70.4 in
Critical Slope	0.027 ft/ft
Velocity	8.32 ft/s
Velocity Head	1.08 ft
Specific Energy	8.63 ft
Froude Number	0.614
Flow Type	Subcritical
GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0
GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	90.6 in
Critical Depth	70.4 in
Channel Slope	0.010 ft/ft
Critical Slope	0.027 ft/ft

S. Wilmington St. - POST -10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,716.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

**S. Wilmington St. - POST -10yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - POST -10yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	142.4 in
Roughness Coefficient	0.072
Elevation	230.02 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	412.3 ft ²
Wetted Perimeter	72.8 ft
Hydraulic Radius	68.0 in
Top Width	61.38 ft
Normal Depth	142.4 in
Critical Depth	88.6 in
Critical Slope	0.055 ft/ft
Velocity	6.59 ft/s
Velocity Head	0.67 ft
Specific Energy	12.54 ft
Froude Number	0.448
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	142.4 in
Critical Depth	88.6 in
Channel Slope	0.010 ft/ft
Critical Slope	0.055 ft/ft

S. Wilmington St. - POST - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,466.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

**S. Wilmington St. - POST - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - POST - 25yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method

Results	
Normal Depth	160.5 in
Roughness Coefficient	0.075
Elevation	231.52 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	509.7 ft ²
Wetted Perimeter	80.4 ft
Hydraulic Radius	76.1 in
Top Width	68.38 ft
Normal Depth	160.5 in
Critical Depth	101.2 in
Critical Slope	0.059 ft/ft
Velocity	6.80 ft/s
Velocity Head	0.72 ft
Specific Energy	14.09 ft
Froude Number	0.439
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	160.5 in
Critical Depth	101.2 in
Channel Slope	0.010 ft/ft
Critical Slope	0.059 ft/ft

S. Wilmington St. - POST -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,822.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
46+61	250.20
46+71	248.70
46+81	247.80
46+91	247.30
47+01	246.30
47+11	244.60
47+21	243.70
47+31	242.90
47+41	242.30
47+51	241.50
47+61	240.80
47+71	240.20
47+81	239.70
47+91	239.10
48+01	238.70
48+11	238.10
48+21	237.70
48+31	237.20
48+41	236.90
48+51	236.80
48+61	236.50
48+71	236.20
48+81	236.00
48+91	235.90
49+01	235.70
49+21	235.70
49+31	235.50
49+41	235.50
49+51	235.50
49+61	233.80
49+71	228.50
49+85	227.66
49+86	220.44
49+88	218.81
49+94	218.15
49+98	218.22
50+01	219.68
50+05	220.20

**S. Wilmington St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
50+08	220.02
50+12	220.26
50+14	220.46
50+18	220.83
50+23	226.16
50+29	229.80
50+39	233.40
50+49	234.90
50+59	235.60
50+69	236.20
50+89	237.10
50+99	237.40
51+09	237.90
51+29	238.90
51+49	239.90
51+59	240.10
51+69	240.10
51+79	240.10
51+89	239.20
51+99	239.60
52+09	239.90
52+19	239.80
52+29	239.90
52+39	240.90
52+49	243.80
52+59	246.00
52+69	246.80
52+79	247.50
52+89	246.80
52+99	247.90
53+09	249.10
53+19	249.60
53+29	250.20

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(46+61, 250.20)	(49+85, 227.66)	0.100
(49+85, 227.66)	(50+23, 226.16)	0.050
(50+23, 226.16)	(53+29, 250.20)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method

S. Wilmington St. - POST -100yr

Options	
Closed Channel Weighting Method	Pavlovskii's Method
Results	
Normal Depth	189.1 in
Roughness Coefficient	0.079
Elevation	233.91 ft
Elevation Range	218.2 to 250.2 ft
Flow Area	687.1 ft ²
Wetted Perimeter	94.9 ft
Hydraulic Radius	86.9 in
Top Width	81.97 ft
Normal Depth	189.1 in
Critical Depth	128.9 in
Critical Slope	0.063 ft/ft
Velocity	7.02 ft/s
Velocity Head	0.77 ft
Specific Energy	16.53 ft
Froude Number	0.427
Flow Type	Subcritical
GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0
GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	189.1 in
Critical Depth	128.9 in
Channel Slope	0.010 ft/ft
Critical Slope	0.063 ft/ft

Garner Rd. - POST -1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,271.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
38+10	242.34
38+30	241.44
38+50	240.94
38+60	240.84
38+70	240.54
38+80	239.54
38+90	238.14
39+00	237.64
39+06	237.58
39+10	237.54
39+16	237.48
39+20	237.44
39+26	237.52
39+36	237.67
39+40	237.74
39+46	237.68
39+50	237.64
39+56	237.58
39+70	237.44
39+76	237.38
39+80	237.34
39+86	237.26
39+96	237.11
40+00	237.04
40+06	236.79
40+16	236.34
40+20	236.14
40+36	235.28
40+46	234.73
40+60	233.94
40+70	233.64
40+76	233.58
40+80	233.54
40+90	233.54
40+96	233.54
41+00	233.54
41+06	233.82
41+10	234.04

**Garner Rd. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

**Garner Rd. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	107.6 in
Roughness Coefficient	0.126
Elevation	221.38 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	1,339.4 ft ²
Wetted Perimeter	775.4 ft
Hydraulic Radius	20.7 in
Top Width	769.86 ft

Garner Rd. - POST -1yr

Results

Normal Depth	107.6 in
Critical Depth	92.0 in
Critical Slope	0.253 ft/ft
Velocity	1.70 ft/s
Velocity Head	0.04 ft
Specific Energy	9.01 ft
Froude Number	0.227
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	107.6 in
Critical Depth	92.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.253 ft/ft

Garner Rd. - POST - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,453.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	38+10	242.34
	38+30	241.44
	38+50	240.94
	38+60	240.84
	38+70	240.54
	38+80	239.54
	38+90	238.14
	39+00	237.64
	39+06	237.58
	39+10	237.54
	39+16	237.48
	39+20	237.44
	39+26	237.52
	39+36	237.67
	39+40	237.74
	39+46	237.68
	39+50	237.64
	39+56	237.58
	39+70	237.44
	39+76	237.38
	39+80	237.34
	39+86	237.26
	39+96	237.11
	40+00	237.04
	40+06	236.79
	40+16	236.34
	40+20	236.14
	40+36	235.28
	40+46	234.73
	40+60	233.94
	40+70	233.64
	40+76	233.58
	40+80	233.54
	40+90	233.54
	40+96	233.54
	41+00	233.54
	41+06	233.82
	41+10	234.04

Garner Rd. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

Garner Rd. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

Garner Rd. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

Garner Rd. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	114.1 in
Roughness Coefficient	0.124
Elevation	221.93 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	1,785.9 ft ²
Wetted Perimeter	867.0 ft
Hydraulic Radius	24.7 in
Top Width	861.40 ft

Garner Rd. - POST - 2yr

Results

Normal Depth	114.1 in
Critical Depth	95.5 in
Critical Slope	0.231 ft/ft
Velocity	1.93 ft/s
Velocity Head	0.06 ft
Specific Energy	9.57 ft
Froude Number	0.237
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	114.1 in
Critical Depth	95.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.231 ft/ft

Garner Rd. - POST - 2yr

Messages:

Flow is divided.

Garner Rd. - POST - 10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	5,811.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	38+10	242.34
	38+30	241.44
	38+50	240.94
	38+60	240.84
	38+70	240.54
	38+80	239.54
	38+90	238.14
	39+00	237.64
	39+06	237.58
	39+10	237.54
	39+16	237.48
	39+20	237.44
	39+26	237.52
	39+36	237.67
	39+40	237.74
	39+46	237.68
	39+50	237.64
	39+56	237.58
	39+70	237.44
	39+76	237.38
	39+80	237.34
	39+86	237.26
	39+96	237.11
	40+00	237.04
	40+06	236.79
	40+16	236.34
	40+20	236.14
	40+36	235.28
	40+46	234.73
	40+60	233.94
	40+70	233.64
	40+76	233.58
	40+80	233.54
	40+90	233.54
	40+96	233.54
	41+00	233.54
	41+06	233.82
	41+10	234.04

**Garner Rd. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

**Garner Rd. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

**Garner Rd. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - POST - 10yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	124.6 in
Roughness Coefficient	0.125
Elevation	222.80 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	2,590.9 ft ²
Wetted Perimeter	999.1 ft
Hydraulic Radius	31.1 in
Top Width	993.42 ft

Garner Rd. - POST - 10yr

Results

Normal Depth	124.6 in
Critical Depth	100.6 in
Critical Slope	0.212 ft/ft
Velocity	2.24 ft/s
Velocity Head	0.08 ft
Specific Energy	10.46 ft
Froude Number	0.245
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	124.6 in
Critical Depth	100.6 in
Channel Slope	0.010 ft/ft
Critical Slope	0.212 ft/ft

Garner Rd. - POST - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	7,659.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	38+10	242.34
	38+30	241.44
	38+50	240.94
	38+60	240.84
	38+70	240.54
	38+80	239.54
	38+90	238.14
	39+00	237.64
	39+06	237.58
	39+10	237.54
	39+16	237.48
	39+20	237.44
	39+26	237.52
	39+36	237.67
	39+40	237.74
	39+46	237.68
	39+50	237.64
	39+56	237.58
	39+70	237.44
	39+76	237.38
	39+80	237.34
	39+86	237.26
	39+96	237.11
	40+00	237.04
	40+06	236.79
	40+16	236.34
	40+20	236.14
	40+36	235.28
	40+46	234.73
	40+60	233.94
	40+70	233.64
	40+76	233.58
	40+80	233.54
	40+90	233.54
	40+96	233.54
	41+00	233.54
	41+06	233.82
	41+10	234.04

Garner Rd. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

**Garner Rd. - POST - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

Garner Rd. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

Garner Rd. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	131.0 in
Roughness Coefficient	0.124
Elevation	223.34 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	3,149.2 ft ²
Wetted Perimeter	1,092.6 ft
Hydraulic Radius	34.6 in
Top Width	1,086.94 ft

Garner Rd. - POST - 25yr

Results

Normal Depth	131.0 in
Critical Depth	104.0 in
Critical Slope	0.198 ft/ft
Velocity	2.43 ft/s
Velocity Head	0.09 ft
Specific Energy	11.01 ft
Froude Number	0.252
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	131.0 in
Critical Depth	104.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.198 ft/ft

Garner Rd. - POST -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	9,595.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
38+10	242.34
38+30	241.44
38+50	240.94
38+60	240.84
38+70	240.54
38+80	239.54
38+90	238.14
39+00	237.64
39+06	237.58
39+10	237.54
39+16	237.48
39+20	237.44
39+26	237.52
39+36	237.67
39+40	237.74
39+46	237.68
39+50	237.64
39+56	237.58
39+70	237.44
39+76	237.38
39+80	237.34
39+86	237.26
39+96	237.11
40+00	237.04
40+06	236.79
40+16	236.34
40+20	236.14
40+36	235.28
40+46	234.73
40+60	233.94
40+70	233.64
40+76	233.58
40+80	233.54
40+90	233.54
40+96	233.54
41+00	233.54
41+06	233.82
41+10	234.04

Garner Rd. - POST -100yr Section Definitions

Station (ft)	Elevation (ft)
41+16	234.26
41+20	234.44
41+26	234.33
41+30	234.24
41+36	233.62
41+40	233.14
41+43	233.11
41+46	233.08
41+46	233.08
41+50	233.04
41+56	232.65
41+60	232.34
41+66	231.72
41+70	231.24
41+76	230.74
41+80	230.34
41+86	230.06
41+90	229.84
41+96	229.84
42+00	229.84
42+06	230.06
42+10	230.24
42+20	230.24
42+26	230.07
42+30	229.94
42+36	230.05
42+40	230.14
42+46	230.20
42+50	230.24
42+56	230.41
42+60	230.54
42+66	230.43
42+70	230.34
42+76	230.06
42+80	229.84
43+00	230.24
43+20	230.44
43+26	230.44
43+30	230.44
43+50	229.84
43+56	229.78
43+60	229.74
43+66	229.57
43+70	229.44
43+76	229.19
43+86	228.74
43+90	228.54

Garner Rd. - POST -100yr Section Definitions

Station (ft)	Elevation (ft)
44+00	227.14
44+10	225.04
44+20	224.84
44+30	224.94
44+40	224.44
44+50	223.64
44+60	223.34
44+70	223.04
44+76	222.70
44+80	222.44
44+90	222.64
45+00	222.54
45+10	222.24
45+20	221.84
45+30	222.34
45+40	222.44
45+50	221.84
45+60	221.24
45+62	221.21
45+70	221.04
45+72	221.02
45+90	220.84
46+00	220.74
46+10	220.84
46+12	220.84
46+20	220.84
46+40	220.54
46+50	220.54
46+60	220.24
46+62	220.22
46+70	220.14
46+72	220.07
46+80	219.74
46+90	219.54
47+00	220.04
47+02	220.09
47+10	220.34
47+12	220.32
47+20	220.24
47+32	220.28
47+39	220.30
47+39	220.30
47+39	220.30
47+41	220.31
47+50	220.34
47+53	219.59
47+91	219.74

Garner Rd. - POST -100yr Section Definitions

Station (ft)	Elevation (ft)
48+03	219.79
48+42	219.60
48+56	219.53
48+80	219.82
48+93	219.86
49+43	220.02
49+46	220.03
49+47	219.91
49+47	219.89
49+47	219.87
49+47	219.85
49+52	219.03
49+64	219.73
49+69	220.03
49+74	216.24
49+77	214.81
49+81	213.92
49+85	212.77
49+89	212.42
49+94	213.15
49+99	214.79
50+02	215.50
50+12	215.66
50+16	215.58
50+17	215.48
50+21	215.95
50+25	215.13
50+26	216.26
50+28	219.51
50+47	219.81
50+48	219.74
50+48	219.73
50+49	219.73
50+49	219.72
50+50	219.63
50+58	219.70
50+94	219.98
50+98	220.00
51+16	219.87
51+16	219.87
51+16	219.87
51+45	219.67
51+47	219.68
51+97	220.06
52+01	220.06
52+31	220.05
52+41	220.84

Garner Rd. - POST -100yr Section Definitions

Station (ft)	Elevation (ft)
52+51	220.04
52+54	220.01
52+61	219.94
52+71	219.24
52+81	219.54
52+91	219.74
53+01	220.02
53+01	220.04
53+21	221.10
53+21	221.14
53+31	221.51
53+31	221.54
53+41	221.74
53+71	221.45
53+71	221.44
53+81	221.64
53+91	221.64
54+11	222.04
54+21	222.14
54+31	222.24
54+41	222.54
54+71	222.84
54+91	222.94
55+01	223.03
55+11	223.14
55+21	223.14
55+31	223.14
55+71	223.64
55+81	223.94
56+01	224.26
56+11	224.43
56+11	224.44
56+31	224.97
56+41	225.25
56+51	225.52
56+51	225.54
56+61	225.73
56+61	225.74
56+71	225.94
57+01	226.92
57+01	226.94
57+11	227.41
57+21	227.91
57+21	227.94
57+31	228.31
57+31	228.34
57+51	229.40

Garner Rd. - POST -100yr Section Definitions

Station (ft)	Elevation (ft)
57+51	229.44
57+61	229.81
57+61	229.84
57+71	230.64
57+81	231.24
57+91	231.43
57+91	231.44
58+01	231.94
58+11	232.13
58+11	232.14
58+21	232.79
58+31	233.49
58+51	234.89
58+51	234.94
58+61	235.04
58+71	236.04
58+81	241.34
58+91	246.34

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(38+10, 242.34)	(41+43, 233.11)	0.100
(41+43, 233.11)	(41+46, 233.08)	0.120
(41+46, 233.08)	(49+64, 219.73)	0.150
(49+64, 219.73)	(49+69, 220.03)	0.100
(49+69, 220.03)	(50+28, 219.51)	0.046
(50+28, 219.51)	(58+91, 246.34)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	136.5 in
Roughness Coefficient	0.124
Elevation	223.79 ft
Elevation Range	212.4 to 246.3 ft
Flow Area	3,654.7 ft ²
Wetted Perimeter	1,133.9 ft
Hydraulic Radius	38.7 in
Top Width	1,128.26 ft

Garner Rd. - POST -100yr

Results

Normal Depth	136.5 in
Critical Depth	107.0 in
Critical Slope	0.188 ft/ft
Velocity	2.63 ft/s
Velocity Head	0.11 ft
Specific Energy	11.48 ft
Froude Number	0.257
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	136.5 in
Critical Depth	107.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.188 ft/ft

S. State St. - POST -1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,011.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - POST -1yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - POST -1yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - POST -1yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	76.9 in
Roughness Coefficient	0.149
Elevation	217.91 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	1,472.7 ft ²
Wetted Perimeter	917.1 ft
Hydraulic Radius	19.3 in
Top Width	913.43 ft
Normal Depth	76.9 in
Critical Depth	58.2 in
Critical Slope	0.342 ft/ft
Velocity	1.37 ft/s
Velocity Head	0.03 ft
Specific Energy	6.44 ft
Froude Number	0.190
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	76.9 in
Critical Depth	58.2 in
Channel Slope	0.010 ft/ft
Critical Slope	0.342 ft/ft

S. State St. - POST -1yr

Messages:

Flow is divided.

S. State St. - POST - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	3,013.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

**S. State St. - POST - 2yr
Section Definitions**

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - POST - 2yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	83.2 in
Roughness Coefficient	0.150
Elevation	218.43 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	1,971.8 ft ²
Wetted Perimeter	1,031.2 ft
Hydraulic Radius	22.9 in
Top Width	1,027.28 ft
Normal Depth	83.2 in
Critical Depth	62.1 in
Critical Slope	0.333 ft/ft
Velocity	1.53 ft/s
Velocity Head	0.04 ft
Specific Energy	6.97 ft
Froude Number	0.194
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	83.2 in
Critical Depth	62.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.333 ft/ft

S. State St. - POST - 2yr

Messages:

Flow is divided.

S. State St. - POST - 10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	5,281.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - POST - 10yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - POST - 10yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - POST - 10yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	94.3 in
Roughness Coefficient	0.151
Elevation	219.36 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	3,047.1 ft ²
Wetted Perimeter	1,306.5 ft
Hydraulic Radius	28.0 in
Top Width	1,302.25 ft
Normal Depth	94.3 in
Critical Depth	68.0 in
Critical Slope	0.316 ft/ft
Velocity	1.73 ft/s
Velocity Head	0.05 ft
Specific Energy	7.90 ft
Froude Number	0.200
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	94.3 in
Critical Depth	68.0 in
Channel Slope	0.010 ft/ft
Critical Slope	0.316 ft/ft

S. State St. - POST - 10yr

Messages:

Flow is divided.

S. State St. - POST - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	6,931.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
34+29	237.80
34+39	233.20
34+49	232.70
34+59	232.30
34+79	231.90
34+89	231.80
34+99	231.70
35+09	231.50
35+19	231.00
35+29	230.90
35+39	231.00
35+49	231.10
35+59	230.80
35+69	230.70
35+79	230.70
35+89	230.90
35+99	230.90
36+09	230.50
36+19	230.20
36+39	229.90
36+49	229.50
36+59	229.90
36+69	230.00
36+89	229.90
37+19	228.60
37+29	228.30
37+39	228.30
37+79	227.70
37+89	227.50
38+09	227.10
38+19	226.80
38+39	226.60
38+49	226.40
38+69	225.50
38+89	224.50
39+09	223.10
39+19	223.00
39+29	223.20

**S. State St. - POST - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - POST - 25yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

S. State St. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - POST - 25yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	99.7 in
Roughness Coefficient	0.151
Elevation	219.81 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	3,657.3 ft ²
Wetted Perimeter	1,369.0 ft
Hydraulic Radius	32.1 in
Top Width	1,364.69 ft
Normal Depth	99.7 in
Critical Depth	71.1 in
Critical Slope	0.304 ft/ft
Velocity	1.90 ft/s
Velocity Head	0.06 ft
Specific Energy	8.36 ft
Froude Number	0.204
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	99.7 in
Critical Depth	71.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.304 ft/ft

S. State St. - POST -100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	9,118.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	34+29	237.80
	34+39	233.20
	34+49	232.70
	34+59	232.30
	34+79	231.90
	34+89	231.80
	34+99	231.70
	35+09	231.50
	35+19	231.00
	35+29	230.90
	35+39	231.00
	35+49	231.10
	35+59	230.80
	35+69	230.70
	35+79	230.70
	35+89	230.90
	35+99	230.90
	36+09	230.50
	36+19	230.20
	36+39	229.90
	36+49	229.50
	36+59	229.90
	36+69	230.00
	36+89	229.90
	37+19	228.60
	37+29	228.30
	37+39	228.30
	37+79	227.70
	37+89	227.50
	38+09	227.10
	38+19	226.80
	38+39	226.60
	38+49	226.40
	38+69	225.50
	38+89	224.50
	39+09	223.10
	39+19	223.00
	39+29	223.20

**S. State St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
39+39	223.00
39+49	223.70
39+56	222.72
39+59	222.20
39+69	220.20
39+79	219.40
39+89	219.10
39+99	219.30
40+09	219.30
40+19	219.20
40+29	219.40
40+79	219.40
40+89	218.80
41+09	218.90
41+19	219.10
41+29	219.30
41+39	219.30
41+69	218.80
41+79	218.40
41+89	218.20
41+99	218.40
42+09	218.30
42+19	218.10
42+29	218.10
42+39	218.20
42+49	218.50
42+59	218.50
42+79	218.80
42+89	218.80
42+99	218.90
43+09	218.50
43+19	218.70
43+29	218.60
43+59	217.80
43+69	217.70
43+99	217.80
44+29	217.50
44+39	217.40
44+49	217.10
44+69	217.10
44+89	216.80
44+99	216.80
45+09	216.80
45+29	216.80
45+39	216.70
45+49	216.60
45+59	216.40

**S. State St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
45+79	215.80
45+89	215.70
46+09	215.70
46+19	215.80
46+39	216.30
46+49	216.20
46+59	215.70
46+79	216.00
46+99	216.00
47+09	215.80
47+19	216.00
47+29	216.40
47+39	216.10
47+49	215.80
47+59	215.80
47+69	215.90
47+79	216.20
47+89	216.20
47+99	216.10
48+29	215.90
48+39	216.00
48+59	216.40
48+79	216.60
48+89	216.50
48+99	216.20
49+09	216.50
49+19	216.90
49+29	217.20
49+39	218.30
49+49	219.10
49+59	217.00
49+69	214.80
49+72	214.70
49+76	212.52
49+82	211.50
49+88	211.83
49+99	211.56
50+11	212.08
50+18	211.69
50+24	212.49
50+25	214.38
50+30	218.50
50+40	219.10
50+50	218.60
50+70	217.20
50+80	216.90
50+90	217.00

**S. State St. - POST -100yr
Section Definitions**

Station (ft)	Elevation (ft)
51+00	217.90
51+10	217.40
51+20	217.20
51+40	217.30
51+50	217.00
51+60	217.30
51+70	216.90
51+80	216.50
52+00	216.70
52+10	216.60
52+20	216.50
52+30	216.30
52+40	216.00
52+50	216.00
52+60	215.60
52+70	215.60
52+90	216.10
53+00	216.50
53+10	217.10
53+20	218.10
53+30	218.50
53+40	220.00
53+50	221.50
53+60	221.30
53+70	222.00
53+90	224.60
54+00	224.30
54+20	224.40
54+30	225.40
54+31	225.44
54+50	226.20
54+60	226.40
55+10	227.70
55+20	227.80
55+30	228.40
55+40	229.20
55+50	230.00
55+80	232.00
56+00	234.30

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(34+29, 237.80)	(39+56, 222.72)	0.100
(39+56, 222.72)	(49+72, 214.70)	0.155
(49+72, 214.70)	(50+25, 214.38)	0.046
(50+25, 214.38)	(54+31, 225.44)	0.150

S. State St. - POST -100yr Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(54+31, 225.44)	(56+00, 234.30)	0.100

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	105.5 in
Roughness Coefficient	0.151
Elevation	220.29 ft
Elevation Range	211.5 to 237.8 ft
Flow Area	4,322.6 ft ²
Wetted Perimeter	1,377.7 ft
Hydraulic Radius	37.7 in
Top Width	1,373.31 ft
Normal Depth	105.5 in
Critical Depth	74.7 in
Critical Slope	0.290 ft/ft
Velocity	2.11 ft/s
Velocity Head	0.07 ft
Specific Energy	8.86 ft
Froude Number	0.210
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	105.5 in
Critical Depth	74.7 in
Channel Slope	0.010 ft/ft
Critical Slope	0.290 ft/ft

Rose Ln. - POST -1yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	1,847.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
42+63	218.00
42+66	217.90
42+69	217.66
42+74	217.30
42+76	217.30
42+89	217.40
42+99	216.80
43+32	216.80
43+33	216.80
43+34	216.80
43+35	216.80
43+43	216.60
43+52	216.70
43+64	216.20
43+81	213.70
44+08	213.50
44+13	214.40
44+29	215.60
44+29	215.50
44+30	215.50
44+33	214.70
44+41	211.40
44+71	210.80
44+93	212.20
45+09	211.20
45+11	211.20
45+19	212.00
45+22	211.70
45+30	212.80
45+37	212.80
45+40	213.10
45+57	212.30
45+62	211.80
45+81	211.70
45+96	212.10
46+16	210.40
46+27	210.30
46+44	212.00

Rose Ln. - POST -1yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - POST -1yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - POST -1yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	78.4 in
Roughness Coefficient	0.151
Elevation	202.65 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	1,450.8 ft ²
Wetted Perimeter	984.0 ft
Hydraulic Radius	17.7 in
Top Width	981.02 ft
Normal Depth	78.4 in
Critical Depth	61.5 in
Critical Slope	0.373 ft/ft
Velocity	1.27 ft/s
Velocity Head	0.03 ft

Rose Ln. - POST -1yr

Results

Specific Energy	6.56 ft
Froude Number	0.185
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	78.4 in
Critical Depth	61.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.373 ft/ft

Rose Ln. - POST -1yr

Messages:

Flow is divided.

Rose Ln. - POST - 2yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	2,693.00 cfs

Section Definitions

Station (ft)	Elevation (ft)
42+63	218.00
42+66	217.90
42+69	217.66
42+74	217.30
42+76	217.30
42+89	217.40
42+99	216.80
43+32	216.80
43+33	216.80
43+34	216.80
43+35	216.80
43+43	216.60
43+52	216.70
43+64	216.20
43+81	213.70
44+08	213.50
44+13	214.40
44+29	215.60
44+29	215.50
44+30	215.50
44+33	214.70
44+41	211.40
44+71	210.80
44+93	212.20
45+09	211.20
45+11	211.20
45+19	212.00
45+22	211.70
45+30	212.80
45+37	212.80
45+40	213.10
45+57	212.30
45+62	211.80
45+81	211.70
45+96	212.10
46+16	210.40
46+27	210.30
46+44	212.00

Rose Ln. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - POST - 2yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	83.3 in
Roughness Coefficient	0.151
Elevation	203.06 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	1,866.0 ft ²
Wetted Perimeter	1,046.6 ft
Hydraulic Radius	21.4 in
Top Width	1,043.47 ft
Normal Depth	83.3 in
Critical Depth	64.3 in
Critical Slope	0.354 ft/ft
Velocity	1.44 ft/s
Velocity Head	0.03 ft

Rose Ln. - POST - 2yr

Results	
Specific Energy	6.98 ft
Froude Number	0.190
Flow Type	Subcritical

GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	83.3 in
Critical Depth	64.3 in
Channel Slope	0.010 ft/ft
Critical Slope	0.354 ft/ft

Rose Ln. - POST - 2yr

Messages:

Flow is divided.

Rose Ln. - POST - 10yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	4,800.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - POST - 10yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - POST - 10yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - POST - 10yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	92.4 in
Roughness Coefficient	0.151
Elevation	203.82 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	2,672.6 ft ²
Wetted Perimeter	1,078.7 ft
Hydraulic Radius	29.7 in
Top Width	1,075.52 ft
Normal Depth	92.4 in
Critical Depth	69.6 in
Critical Slope	0.329 ft/ft
Velocity	1.80 ft/s
Velocity Head	0.05 ft

Rose Ln. - POST - 10yr

Results

Specific Energy	7.75 ft
Froude Number	0.201
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	92.4 in
Critical Depth	69.6 in
Channel Slope	0.010 ft/ft
Critical Slope	0.329 ft/ft

Rose Ln. - POST - 25yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	6,351.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - POST - 25yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	97.9 in
Roughness Coefficient	0.152
Elevation	204.28 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	3,169.1 ft ²
Wetted Perimeter	1,084.8 ft
Hydraulic Radius	35.1 in
Top Width	1,081.56 ft
Normal Depth	97.9 in
Critical Depth	72.5 in
Critical Slope	0.312 ft/ft
Velocity	2.00 ft/s
Velocity Head	0.06 ft

Rose Ln. - POST - 25yr

Results

Specific Energy	8.22 ft
Froude Number	0.206
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	97.9 in
Critical Depth	72.5 in
Channel Slope	0.010 ft/ft
Critical Slope	0.312 ft/ft

Rose Ln. - POST - 100yr

Project Description	
Friction Method	Manning Formula
Solve For	Normal Depth
Input Data	
Channel Slope	0.010 ft/ft
Discharge	8,387.00 cfs

Section Definitions

Station (ft)		Elevation (ft)
	42+63	218.00
	42+66	217.90
	42+69	217.66
	42+74	217.30
	42+76	217.30
	42+89	217.40
	42+99	216.80
	43+32	216.80
	43+33	216.80
	43+34	216.80
	43+35	216.80
	43+43	216.60
	43+52	216.70
	43+64	216.20
	43+81	213.70
	44+08	213.50
	44+13	214.40
	44+29	215.60
	44+29	215.50
	44+30	215.50
	44+33	214.70
	44+41	211.40
	44+71	210.80
	44+93	212.20
	45+09	211.20
	45+11	211.20
	45+19	212.00
	45+22	211.70
	45+30	212.80
	45+37	212.80
	45+40	213.10
	45+57	212.30
	45+62	211.80
	45+81	211.70
	45+96	212.10
	46+16	210.40
	46+27	210.30
	46+44	212.00

Rose Ln. - POST - 100yr Section Definitions

Station (ft)	Elevation (ft)
46+45	212.00
46+57	211.00
46+67	210.50
46+75	210.80
46+76	210.70
46+78	210.50
46+88	208.60
47+16	203.80
47+27	202.40
47+35	202.50
47+52	202.40
47+72	203.30
47+83	202.40
48+09	202.30
48+09	202.30
48+10	202.30
48+28	202.20
48+34	202.70
48+40	202.70
48+44	202.40
48+51	202.60
48+67	202.50
48+68	202.50
48+68	202.50
48+77	202.10
48+91	202.20
48+93	202.30
48+97	202.30
49+07	202.10
49+23	202.50
49+25	202.10
49+29	202.60
49+36	202.90
49+44	202.70
49+47	202.80
49+59	203.10
49+76	201.01
49+79	199.50
49+87	198.77
49+95	197.94
50+01	198.25
50+07	196.41
50+14	196.12
50+20	198.08
50+21	199.43
50+26	199.22
50+26	199.70

Rose Ln. - POST - 100yr Section Definitions

Station (ft)	Elevation (ft)
50+48	202.20
50+62	201.80
50+81	201.80
50+99	200.70
51+08	200.70
51+16	200.90
51+46	200.70
51+52	200.50
51+67	200.70
51+75	201.20
51+77	201.20
51+87	200.60
52+09	200.70
52+10	200.60
52+48	200.40
52+71	200.90
52+76	200.90
53+02	201.30
53+22	200.80
53+34	200.90
53+43	201.60
53+55	200.90
53+63	200.60
53+82	200.60
53+97	200.00
53+97	200.00
53+97	200.00
54+43	201.80
54+57	201.90
54+73	201.40
54+84	200.70
54+88	200.90
54+90	200.90
55+14	201.00
55+18	201.20
55+28	201.50
55+29	201.50
55+48	201.60
55+54	201.00
55+63	201.20
55+78	201.10
55+86	201.30
55+92	201.90
56+22	201.10
56+26	201.20
56+32	201.00
56+35	200.80

Rose Ln. - POST - 100yr Section Definitions

Station (ft)	Elevation (ft)
56+54	200.30
56+76	200.80
56+88	202.00
57+19	201.60
57+22	201.40
57+51	201.60
57+74	203.00
57+90	203.60
58+12	206.60
58+18	208.20
58+19	208.30
58+20	208.50
58+48	214.50
58+57	217.00
58+74	220.00

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(42+63, 218.00)	(42+69, 217.66)	0.200
(42+69, 217.66)	(49+76, 201.01)	0.155
(49+76, 201.01)	(50+26, 199.70)	0.042
(50+26, 199.70)	(58+74, 220.00)	0.155

Options

Current Roughness Weighted Method	Pavlovskii's Method
Open Channel Weighting Method	Pavlovskii's Method
Closed Channel Weighting Method	Pavlovskii's Method

Results

Normal Depth	104.4 in
Roughness Coefficient	0.152
Elevation	204.82 ft
Elevation Range	196.1 to 220.0 ft
Flow Area	3,754.5 ft ²
Wetted Perimeter	1,092.0 ft
Hydraulic Radius	41.3 in
Top Width	1,088.64 ft
Normal Depth	104.4 in
Critical Depth	76.1 in
Critical Slope	0.303 ft/ft
Velocity	2.23 ft/s
Velocity Head	0.08 ft

Rose Ln. - POST - 100yr

Results

Specific Energy	8.78 ft
Froude Number	0.212
Flow Type	Subcritical

GVF Input Data

Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0

GVF Output Data

Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Downstream Velocity	0.00 ft/s
Upstream Velocity	0.00 ft/s
Normal Depth	104.4 in
Critical Depth	76.1 in
Channel Slope	0.010 ft/ft
Critical Slope	0.303 ft/ft

*APPENDIX 5:
SUPPORTING REPORTS*

DOWNTOWN SOUTH

RALEIGH, NORTH CAROLINA

DEVELOPMENT OF SYNTHETIC SUMMER THUNDERSTORM AND HURRICANE

PROJECT NUMBER: KAN-19020
DESIGNED BY: DANIEL WIEBKE, PE, CFM
CAMERON JAMES, PE

DATE: JUNE 2021



MCADAMS

2905 MERIDIAN PARKWAY
DURHAM, NORTH CAROLINA 27713
NC Lic. # C-0293

DOWNTOWN SOUTH

Development of Synthetic Summer Thunderstorm and Hurricane

GENERAL DESCRIPTION

The Downtown South development will encompass several parcels located between Lake Wheeler Road and S. Wilmington Street along the I-40 corridor. Proposed development for Downtown South will be a mixed-use development combining lodging, retail, multi-family residential, recreation, and other uses. Both proprietary and green stormwater infrastructure (GSI) techniques will be implemented to improve the water quality of stormwater runoff in the post-development condition. The purpose of this memo is to document the data utilized and calculation methodology for the development of a synthetic, representative summer thunderstorm event and a synthetic hurricane event; each to be used as part of subsequent pre- vs. post-development downstream impact analyses for each phase of the Downtown South development.

GENERAL METHODOLOGY

The general approach taken to develop a representative summer thunderstorm and hurricane event, each to be applied across the Walnut Creek watershed as part of subsequent pre- vs. post-development downstream impact analyses, was to analyze rainfall data from a sample of historic precipitation events recorded by both USGS gage stations and rain gages listed within the North Carolina State Climate Office. Rainfall data recorded for the sample of historic precipitation events was analyzed to determine the average rainfall depth, duration, distribution, and storm movement across the Walnut Creek watershed (i.e., lateral velocity) if evident.

Synthetic Summer Thunderstorm

- Historic rainfall data was downloaded and compiled for the following USGS gage stations and sample storm events:

Table 1. USGS Gage Stations and Sample Storms

USGS Gage Stations	Sample Storm
02087337 (Walnut Creek at Buck Jones Rd)	8/20/2018
0208734210 (Walnut Creek at Trailwood Drive)	11/13/2018
0208734795 (Walnut Creek at S. Wilmington St)	4/8/2018
02087359 (Walnut Creek at Sunnybrook Dr)	8/2/2019
	5/29/2020
	9/1/2020
	11/12/2020

- The total precipitation depth and duration was calculated at each of the above referenced USGS gage stations for each of the sample storm events.
- The average precipitation depth and duration was calculated, which excluded the total rainfall depth of 0.08 inches and duration of 75 minutes observed at the Sunnybrook Dr. gage during the 8/2/2019 storm. The 11/13/2018 and 5/29/2020 storm events exhibited much longer rainfall durations (over 900 minutes and 700 minutes, respectively) and were also omitted from the calculation of the average precipitation depth and

duration. These two storm events exhibited more of a slow and steady rain rather than a typical flashy summer thunderstorm, which was the concern of this project type.

- The average velocity of the synthetic summer thunderstorm was calculated by identifying the time delay in the peak intensity of each of the seven sample storm events as they progressed from the most upstream USGS gage **02087337** (Walnut Creek at Buck Jones Rd) to the most downstream USGS gage **02087359** (Walnut Creek at Sunnybrook Dr). River station numbers from the effective HEC-RAS model for Walnut Creek were used to determine the approximate distance between each USGS gage.
 - Any calculations that yielded either a 0 or negative time difference in the peak intensity were disregarded for calculation of the average velocity. This is noted by the cells highlighted orange in the calculations provided in Section 1 of the enclosed report.
- The percent total duration and percent total precipitation was calculated at each USGS gage time increment recorded for the sample storm events. The percent total precipitation was first calculated by tabulating the cumulative precipitation depth at each time increment and dividing by the total rainfall depth. The percent total duration was calculated by first tabulating the cumulative duration at each time increment and dividing by the total rainfall duration. The calculation of percent total duration and percent total precipitation for each of the sample storms was completed to get dimensionless unit hyetographs (unit intensity over unit time) that would be utilized to determine a representative average between the sample storms.
- The rainfall distribution (to be applied to the synthetic summer thunderstorm) was generated by plotting the percent total duration (“T/TTotal”) vs. percent total precipitation (“P/PTotal”) at each of the above referenced USGS gages for each of the sample storm events. The 11/13/2018 and 5/29/2020 storms were omitted from development of the rainfall distribution since they were determined to not be characteristic of a typical summer thunderstorm. All “T/TTotal” and “P/PTotal” values were plotted and a line of best fit was generated to represent the characteristic average.
- The line of best fit equation was applied to determine a representative dimensionless unit hyetograph that would be applied for the summer thunderstorm. The appropriate “T/TTotal” and “P/PTotal” for each 5-minute increment of the synthetic summer thunderstorm. Each incremental “P/PTotal” value was then multiplied by the average total precipitation depth of 2.54 inches to determine the precipitation depth to be applied at each 5-minute increment.
- The resulting final rainfall distribution, which incorporates the previously determined rainfall depth of 2.54 inches and duration of 4.5 hours, can be applied to each of the above referenced USGS gages utilizing the average storm velocity of 12 miles per hour, the distance between the gages, and movement of the storm from west to east over the Walnut Creek watershed. With this information, a typical summer storm can be generated and applied across the Walnut Creek Watershed.

Synthetic Hurricane

- Historic hourly rainfall data was downloaded from the NC Climate Office for the RDU International Airport Station (ID: KRDU) and the Johnston County Central Crops Research Station (ID: CLAY) for the following Hurricanes: Floyd (September 1999), Fran (September 1996), Florence (September 2018), and Matthew (October 2016).
- The total rainfall duration and depth was calculated for each of the two above referenced rain gages for each of the four above referenced hurricanes. The Johnston County Central Crops Research Station reported negligible rainfall during Matthew and was therefore omitted from the calculation of average rainfall duration and depth.
- The average rainfall depth was calculated to be 6.37 inches and a 10% factor of safety was added to bring the total to 7.0 inches. The 10% was added to account for spatial variability in rainfall and to bring the value closer to rainfall depths recorded at the two above referenced rain gages during hurricane Floyd, also a two-day event.
 - The RDU International Airport station and Johnston County Central Crops Research Station received 6.49 inches and 7.33 inches, respectively, of rain during hurricane Floyd.
- The rainfall distribution (to be applied to the synthetic hurricane) was generated by plotting the percent total duration (“T/TTotal”) vs. percent total precipitation (“P/PTotal”) at each of the two above referenced USGS gages for each of the four above referenced hurricanes. Since the Johnston County Central Crops Research Station reported negligible rainfall during hurricane Matthew, that dataset as omitted. All “T/TTotal” and “P/PTotal” values were plotted and a line of best fit was generated to represent the characteristic average.
- The line of best fit equation was applied to determine the appropriate “T/TTotal” and “P/PTotal” for each 5-minute increment of the synthetic hurricane. Each incremental “P/PTotal” value was then multiplied by the previously determined precipitation depth of 7.0 inches to determine the precipitation depth at each 5-minute increment.
- NOAA was used to research historical hurricane tracks to determine if any translation should be applied to the synthetic hurricane across the Walnut Creek watershed. It was noted that the majority of North Carolina hurricanes exhibited a south-to-north trajectory and would typically not move laterally from east to west across the Walnut Creek watershed. It is anticipated that the final hurricane rainfall distribution will be applied uniformly across the Walnut Creek watershed.

DISCUSSION OF RESULTS

Historic rainfall data recorded by USGS gage stations and the NC Climate Office has been utilized to generate a representative summer thunderstorm and hurricane event, which can each be applied across the Walnut Creek watershed as part of subsequent downstream impact analyses associated with the Downtown South development. It should be noted that only a sample of historic rainfall events has been utilized to generate the representative rainfall depth, duration, distribution, and storm velocity (i.e. lateral movement across the watershed) for the synthetic summer thunderstorm and hurricane event. The characteristic dimensionless unit hyetograph of the synthetic summer thunderstorm and hurricane event could be further validated by increasing the sample size of historic rainfall events used for the calculation of representative storm parameters. Specific results for the synthetic summer thunderstorm and hurricane event are described in further detail below.

Synthetic Summer Thunderstorm

Table 2 below shows a summary of characteristics determined for the synthetic summer thunderstorm. The total rainfall depth and duration was determined to be 2.68 inches and 4.5 hours, respectively, which falls between a 2- and 5-year storm event for Raleigh, NC. The rainfall distribution (Figure 1 below) shows that the peak intensity of about 1.1 inches per hour occurs about 50 minutes from the begin thunderstorm. The average lateral velocity (i.e. movement across the watershed) of the representative summer thunderstorm was determined to be about 12 miles per hour, or 17.5 ft/s; this storm velocity can applied across the Walnut Creek watershed moving from west to east.

Table 2. Synthetic Summer Thunderstorm Characteristics

<u>Calculated Average Parameters</u>	
-Rainfall Distribution	See Calculations in Section 1
-Rainfall Duration	4 hours and 30 minutes
-Rainfall Depth	2.54"
Storm Velocity	Averages about 12 mi/hr
Buck Jones Rd. Gage	Storm Start at T 0
Lake Johnson Dam Gage	Storm Start at T+15 minutes
Trailwood Dr. Gage	Storm Start at T+20 minutes
S. Wilmington St. Gage	Storm Start at T+40 minutes
S. State St. Gage	Storm Start at T+45 minutes
Sunnybrook Rd. Gage	Storm Start at T+ 60 minutes

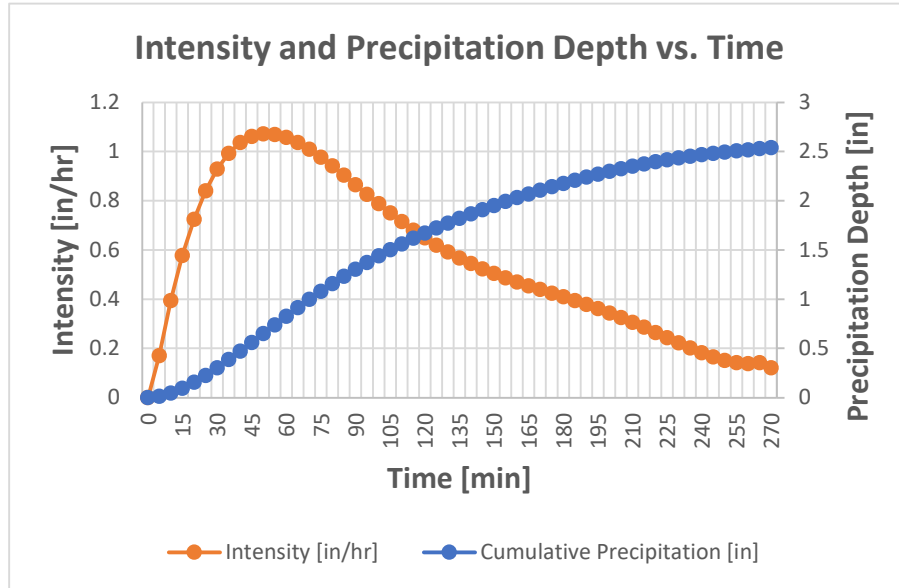


Figure 1. Synthetic Summer Thunderstorm Distribution

Synthetic Hurricane

Table 3 below shows a summary of characteristics determined for the synthetic hurricane. The total rainfall depth and duration was determined to be 7.0 inches and 48 hours, respectively, which falls between a 25- and 50-year storm event for Raleigh, NC. The rainfall distribution (Figure 1 below) shows that the peak intensity fluctuates throughout the duration of the storm which indicates the effect of banding, the rotation of hurricane “bands” that result in oscillating periods light and heavy rainfall.

Table 3. Synthetic Hurricane Characteristics

Calculated Average Parameters	
-Rainfall Distribution	Fluctuating Intensity
-Rainfall Duration	48 hours
-Rainfall Depth	7.0”, incorporates 10% FS

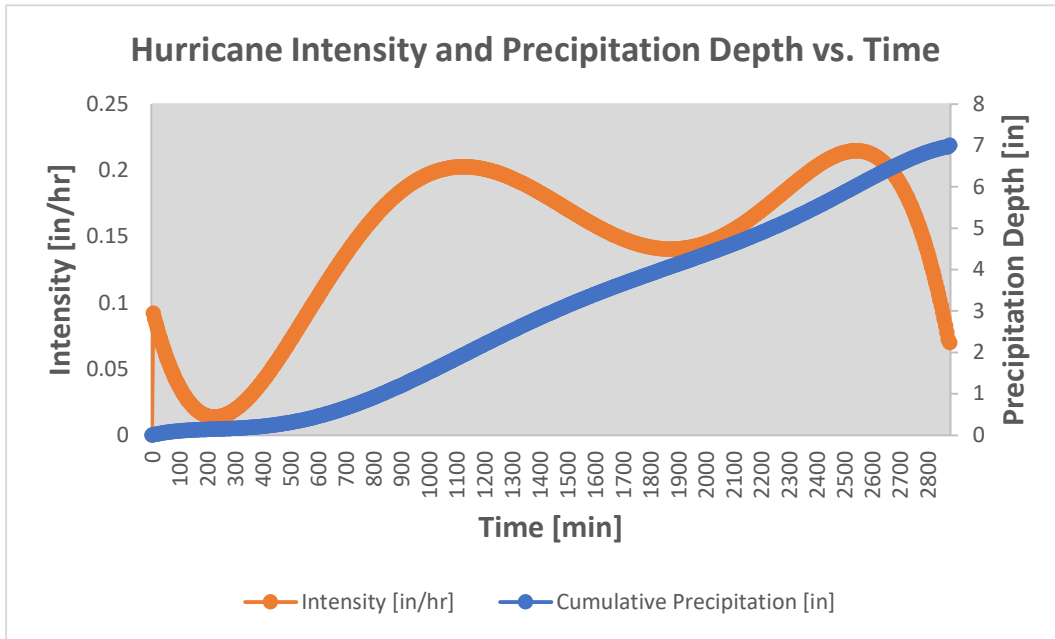


Figure 2. Synthetic Hurricane Distribution

Figure 3 below shows information on historic hurricane trajectories that was gathered from NOAA. With the exception of hurricane Florence, the majority of significant North Carolina hurricanes (including Fran and Floyd) were observed to have exhibited a primarily south-to-north tract. Since the Walnut Creek watershed flows from west to east, it is anticipated that the entire watershed would be impacted simultaneously by a significant hurricane, and very minimal (if any) movement of the storm from east to west would occur. Therefore, it is anticipated that the synthetic hurricane will be applied uniformly to all precipitation gages that are currently being modeled for the downstream analysis.

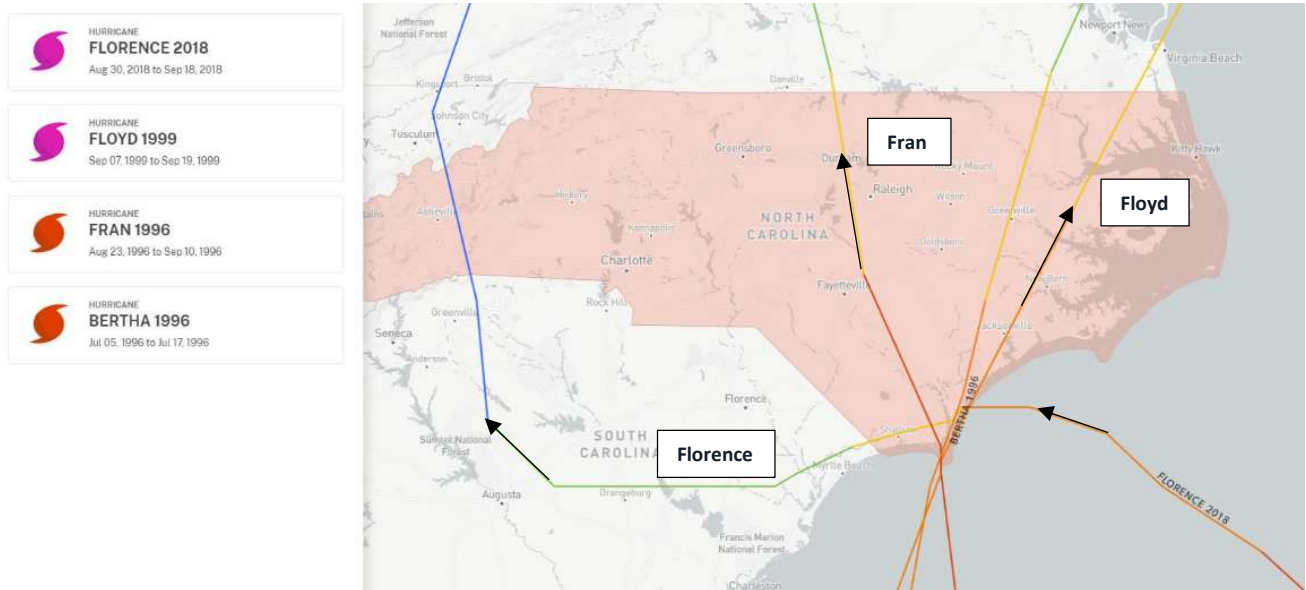


Figure 3. Historic Hurricane Trajectories

1	SYNTHETIC SUMMER THUNDERSTORM CALCULATIONS
2	SYNTHETIC HURRICANE CALCULATIONS

*SYNTHETIC SUMMER THUNDERSTORM
CALCULATIONS*

Construction of Synthetic Summer Thunderstorm

Cells highlighted orange indicate values omitted from the calculation

Calculated Average Parameters

-Rainfall Distribution	
-Rainfall Duration	4 hours and 30 minutes
-Rainfall Depth	2.68"
Storm Velocity	Averages about 12 mi/hr
Buck Jones Rd. Gage	Storm Start at T 0
Lake Johnson Dam Gage	Storm Start at T+15 minutes
Trailwood Dr. Gage	Storm Start at T+20 minutes
S. Wilmington St. Gage	Storm Start at T+40 minutes
S. State St. Gage	Storm Start at T+45 minutes
Sunnybrook Rd. Gage	Storm Start at T+ 60 minutes

USGS Gage Stations	Sample Storm
02087337 (Walnut Creek at Buck Jones Rd)	8/20/2018
0208734210 (Walnut Creek at Trailwood Drive)	11/13/2018
0208734795 (Walnut Creek at S. Wilmington St)	4/8/2018
02087359 (Walnut Creek at Sunnybrook Dr)	8/2/2019
	5/29/2020
	9/1/2020
	11/12/2020

Calculation of Average Rainfall Depth

Storm	Buck Jones Gage Depth [in]	Trailwood Gage Depth [in]	S. Wilmington St. Gage Depth [in]	Sunnybrook Gage Depth [in]
8/20/2018	2.77	3.64	2.75	2.14
11/13/2018	3.63	3.37	3.34	3.02
4/8/2019	1.92	2.13	1.77	1.26
8/2/2019	1.84	1.37	1.4	0.08
5/29/2020	1.96	1.12	0.66	0.67
9/1/2020	2.05	2.78	4.15	4.19
11/12/2020	3.6	4.13	3.48	3.46
Average [inches]	2.68			

Calculation of Average Rainfall Duration

Storm	Buck Jones Gage Rainfall Duration [min]	Trailwood Gage Rainfall Duration [min]	S. Wilmington St. Gage Rainfall Duration [min]	Sunnybrook Gage Rainfall Duration [min]
8/20/2018	240	240	195	195
11/13/2018	905	920	945	930
4/8/2019	315	325	330	330
8/2/2019	155	165	180	75
5/29/2020	725	710	735	735
9/1/2020	215	225	255	210
11/12/2020	400	425	420	420
Average [minutes]	275.8			

Calculation of Average Storm Velocity

Gage Station	Walnut Creek RS	Upstream Distance [ft]	Cumulative Stream Distance [ft]	Translation Time [min]
Buck Jones Rd	86943.9	-	-	Start at T 0
Lake Johnson Dam	73004.1	13939.8	13939.8	13.3
Trailwood Rd	66279.9	6724.2	20664.0	19.7
S. Wilmington St.	45936.1	20343.8	41007.8	39.1
S. State St.	40465.4	5470.7	46478.5	44.3
Sunnybrook Dr.	22534.3	17931.1	64409.6	61.4

Storm	Buck Jones Time of Peak Rainfall	Trailwood Time of Peak Rainfall	S. Wilmington St. Time of Peak Rainfall	Sunnybrook Time of Peak Rainfall
8/20/2018	8/20/2018 0:05	8/20/2018 0:05	8/20/2018 0:30	8/20/2018 0:45
11/13/2018	-	-	-	-
4/8/2019	4/8/2019 19:00	4/8/2019 19:00	4/8/2019 19:15	4/8/2019 19:15
8/2/2019	8/2/2019 19:55	8/2/2019 20:25	8/2/2019 20:30	8/2/2019 20:45
5/29/2020	5/29/2020 6:10	5/29/2020 6:15	5/29/2020 7:00	5/29/2020 7:00
9/1/2020	8/31/2020 22:10	8/31/2020 21:45	8/31/2020 22:15	8/31/2020 22:30
11/12/2020	11/12/2020 8:50	11/12/2020 9:10	11/12/2020 8:15	11/12/2020 9:10

Storm	Buck Jones To Trailwood Travel Time [min]	Trailwood to S. Wilmington St. Travel Time [min]	S. Wilmington St. to Sunnybrook Travel Time [min]
8/20/2018	0	25	15
11/13/2018	-	-	-
4/8/2019	0	15	0
8/2/2019	30	5	15
5/29/2020	5	45	0
9/1/2020	-25	30	15
11/12/2020	20	-55	55
Average Rainfall Delay [min]	18	24	20
Stream Distance Between [ft]	20664.0	20343.8	23401.8
Average Storm Velocity [ft/s]	19	14	20
[mi/hr]	12.8	9.6	13.3

Overall Average Storm Velocity [mi/hr]	12
[ft/s]	17.5

Calculation of Delay in Peak Discharge

Storm	Buck Jones Time of Peak Discharge	Trailwood Time of Peak Discharge	S. Wilmington St. Time of Peak Discharge	Sunnybrook Time of Peak Discharge
8/20/2018	8/20/2018 1:20	8/20/2018 1:35	8/20/2018 2:15	8/20/2018 9:00
11/13/2018	11/13/2018 1:35	11/13/2018 2:10	11/13/2018 2:45	11/13/2018 7:00
4/8/2019	4/8/2018 20:30	4/8/2018 21:10	4/8/2018 21:37	4/9/2018 5:15
8/2/2019	8/2/2019 21:12	8/2/2019 21:05	8/2/2019 21:15	8/3/2019 4:45
5/29/2020	5/29/2020 7:20	5/29/2020 8:05	5/29/2020 13:30	5/30/2020 1:00
9/1/2020	9/1/2020 0:45	9/1/2020 1:05	9/1/2020 0:45	9/1/2020 5:50
11/12/2020	11/12/2020 9:25	11/12/2020 10:10	11/12/2020 16:30	11/12/2020 18:00

*This information indicates delay of peak discharge and not velocity of storm

Storm	Buck Jones To Trailwood Delay [min]	Trailwood to S. Wilmington St. Delay [min]	S. Wilmington St. to Sunnybrook Delay [min]
8/20/2018	15	40	405
11/13/2018	35	35	255
4/8/2019	40	27	458
8/2/2019	-7	10	450
5/29/2020	45	325	690
9/1/2020	20	-20	305
11/12/2020	45	380	90
Average Peak Delay [min]	33	161	427
	30 minutes	2 hours 40 minutes	7 hours 15 minutes

Calculation of Rainfall Distribution

8/20/2018 STORM

Time	Buck Jones Rd T/TTotal	Buck Jones Rd P/PTotal	Trailwood T/Total	Trailwood P/Ptotal	S. Wilmington T/Total	S. Wilmington P/Ptotal	Sunnybrook T/TTotal	Sunnybrook P/PTotal
0	0	0.004385965	0	0.005347594	0	0	0	0
5	0.020833333	0.004385965	0.020833333	0.005347594	-	-	-	-
10	0.041666667	0.00877193	0.041666667	0.00802139	-	-	-	-
15	0.0625	0.00877193	0.0625	0.00802139	0.076923077	0.090909091	0.076923077	0.172566372
20	0.083333333	0.013157895	0.083333333	0.00802139	-	-	-	-
25	0.104166667	0.030701754	0.104166667	0.034759358	-	-	-	-
30	0.125	0.039473684	0.125	0.040106952	0.153846154	0.443636364	0.153846154	0.402654867
35	0.145833333	0.092105263	0.145833333	0.07486631	-	-	-	-
40	0.166666667	0.144736842	0.166666667	0.187165775	-	-	-	-
45	0.1875	0.276315789	0.1875	0.259358289	0.230769231	0.701818182	0.230769231	0.632743363
50	0.208333333	0.346491228	0.208333333	0.347593583	-	-	-	-
55	0.229166667	0.399122807	0.229166667	0.419786096	-	-	-	-
60	0.25	0.464912281	0.25	0.483957219	0.307692308	0.829090909	0.307692308	0.721238938
65	0.270833333	0.486842105	0.270833333	0.513368984	-	-	-	-
70	0.291666667	0.526315789	0.291666667	0.548128342	-	-	-	-
75	0.3125	0.561403509	0.3125	0.590909091	0.384615385	0.927272727	0.384615385	0.880530973
80	0.333333333	0.657894737	0.333333333	0.652406417	-	-	-	-
85	0.354166667	0.675438596	0.354166667	0.679144385	-	-	-	-
90	0.375	0.714912281	0.375	0.711229947	0.461538462	0.963636364	0.461538462	0.969026549
95	0.395833333	0.754385965	0.395833333	0.745989305	-	-	-	-
100	0.416666667	0.815789474	0.416666667	0.783422446	-	-	-	-
105	0.4375	0.859649123	0.4375	0.796791444	0.538461538	0.967272727	0.538461538	0.973451327
110	0.458333333	0.864035088	0.458333333	0.799465241	-	-	-	-
115	0.479166667	0.864035088	0.479166667	0.802139037	-	-	-	-
120	0.5	0.872807018	0.5	0.804812834	0.615384615	0.970909091	0.615384615	0.977876106
125	0.520833333	0.872807018	0.520833333	0.831550802	-	-	-	-
130	0.541666667	0.872807018	0.541666667	0.85026738	-	-	-	-
135	0.5625	0.872807018	0.5625	0.85026738	0.692307692	0.974545455	0.692307692	0.977876106
140	0.583333333	0.877192982	0.583333333	0.860962567	-	-	-	-
145	0.604166667	0.907894737	0.604166667	0.909090909	-	-	-	-
150	0.625	0.938596491	0.625	0.949197861	0.769230769	0.992727273	0.769230769	0.991150442
155	0.645833333	0.942982456	0.645833333	0.973262032	-	-	-	-
160	0.666666667	0.947368421	0.666666667	0.973262032	-	-	-	-
165	0.6875	0.956140351	0.6875	0.973262032	0.846153846	0.992727273	0.846153846	0.995575221
170	0.708333333	0.960526316	0.708333333	0.973262032	-	-	-	-
175	0.729166667	0.960526316	0.729166667	0.973262032	-	-	-	-
180	0.75	0.960526316	0.75	0.973262032	0.923076923	0.996363636	0.923076923	0.995575221
185	0.770833333	0.964912281	0.770833333	0.973262032	-	-	-	-
190	0.791666667	0.978070175	0.791666667	0.973262032	-	-	-	-
195	0.8125	0.978070175	0.8125	0.975935829	1	1	1	1
200	0.833333333	0.98245614	0.833333333	0.978609626	-	-	-	-
205	0.854166667	0.986842105	0.854166667	0.978609626	-	-	-	-
210	0.875	0.986842105	0.875	0.981283422	-	-	-	-
215	0.895833333	0.986842105	0.895833333	0.983957219	-	-	-	-
220	0.916666667	0.99122807	0.916666667	0.986631016	-	-	-	-
225	0.9375	0.995614035	0.9375	0.989304813	-	-	-	-
230	0.958333333	0.995614035	0.958333333	0.994652406	-	-	-	-
235	0.979166667	0.995614035	0.979166667	0.997326203	-	-	-	-
240	1	1	1	1	-	-	-	-

4/8/2019 STORM

Time	Buck Jones Rd T/TTotal	Buck Jones Rd P/PTotal	Trailwood T/Total	Trailwood P/Ptotal	S. Wilmington T/Total	S. Wilmington P/Ptotal	Sunnybrook T/TTotal	Sunnybrook P/PTotal
0	0	0	0	0.004694836	0	0.005649718	0	0.023809524
5	0.015873016	0.005555556	0.015384615	0.004694836	-	-	-	-
10	0.031746032	0.011111111	0.030769231	0.009389671	-	-	-	-
15	0.047619048	0.022222222	0.046153846	0.014084507	0.045454545	0.02259887	0.045454545	0.055555556
20	0.063492063	0.05	0.061538462	0.070422535	-	-	-	-
25	0.079365079	0.055555556	0.076923077	0.122065728	-	-	-	-
30	0.095238095	0.061111111	0.092307692	0.126760563	0.090909091	0.084745763	0.090909091	0.071428571
35	0.111111111	0.061111111	0.107692308	0.126760563	-	-	-	-
40	0.126984127	0.066666667	0.123076923	0.126760563	-	-	-	-
45	0.142857143	0.066666667	0.138461538	0.131455399	0.136363636	0.09039548	0.136363636	0.095238095
50	0.158730159	0.066666667	0.153846154	0.131455399	-	-	-	-
55	0.174603175	0.066666667	0.169230769	0.131455399	-	-	-	-
60	0.19047619	0.066666667	0.184615385	0.131455399	0.181818182	0.129943503	0.181818182	0.103174603
65	0.206349206	0.066666667	0.2	0.131455399	-	-	-	-
70	0.222222222	0.066666667	0.215384615	0.131455399	-	-	-	-
75	0.238095238	0.072222222	0.230769231	0.230769231	0.227272727	0.129943503	0.227272727	0.103174603
80	0.253968254	0.116666667	0.246153846	0.131455399	-	-	-	-
85	0.26984127	0.2	0.261538462	0.154929577	-	-	-	-
90	0.285714286	0.322222222	0.276923077	0.267605634	0.272727273	0.13559322	0.272727273	0.420634921
95	0.301587302	0.372222222	0.292307692	0.366197183	-	-	-	-
100	0.317460317	0.416666667	0.307692308	0.41314554	-	-	-	-
105	0.333333333	0.438888889	0.323076923	0.464788732	0.318181818	0.372881356	0.318181818	0.5
110	0.349206349	0.444444444	0.338461538	0.474178404	-	-	-	-
115	0.365079365	0.477777778	0.353846154	0.483568075	-	-	-	-
120	0.380952381	0.5	0.369230769	0.502347418	0.363636364	0.435028249	0.363636364	0.531746032
125	0.396825397	0.533333333	0.384615385	0.525821596	-	-	-	-
130	0.412698413	0.561111111	0.4	0.544600939	-	-	-	-
135	0.428571429	0.577777778	0.415384615	0.563380282	0.409090909	0.480225989	0.409090909	0.547619048
140	0.444444444	0.627777778	0.430769231	0.582159624	-	-	-	-
145	0.46031746	0.677777778	0.446153846	0.615023474	-	-	-	-
150	0.476190476	0.716666667	0.461538462	0.694835681	0.454545455	0.564971751	0.454545455	0.626984127
155	0.492063492	0.744444444	0.476923077	0.737089202	-	-	-	-
160	0.507936508	0.766666667	0.492307692	0.755868545	-	-	-	-
165	0.523809524	0.783333333	0.507692308	0.779342723	0.5	0.694915254	0.5	0.746031746
170	0.53968254	0.8	0.523076923	0.812206573	-	-	-	-
175	0.555555556	0.811111111	0.538461538	0.845070423	-	-	-	-
180	0.571428571	0.827777778	0.553846154	0.854460094	0.545454545	0.81920904	0.545454545	0.793650794
185	0.587301587	0.833333333	0.569230769	0.863849765	-	-	-	-
190	0.603174603	0.838888889	0.584615385	0.868544601	-	-	-	-
195	0.619047619	0.85	0.6	0.873239437	0.590909091	0.847457627	0.590909091	0.825396825
200	0.634920635	0.861111111	0.615384615	0.882629108	-	-	-	-
205	0.650793651	0.866666667	0.630769231	0.887323944	-	-	-	-
210	0.666666667	0.877777778	0.646153846	0.892018779	0.636363636	0.875706215	0.636363636	0.865079365
215	0.682539683	0.888888889	0.661538462	0.901408451	-	-	-	-
220	0.698412698	0.9	0.676923077	0.910798122	-	-	-	-
225	0.714285714	0.911111111	0.692307692	0.920187793	0.681818182	0.90960452	0.681818182	0.928571429
230	0.73015873	0.922222222	0.707692308	0.9342723	-	-	-	-
235	0.746031746	0.927777778	0.723076923	0.938967136	-	-	-	-
240	0.761904762	0.933333333	0.738461538	0.943661972	0.727272727	0.943502825	0.727272727	0.936507937
245	0.777777778	0.933333333	0.753846154	0.943661972	-	-	-	-
250	0.793650794	0.938888889	0.769230769	0.948356808	-	-	-	-
255	0.80952381	0.944444444	0.784615385	0.953051643	0.772727273	0.95480226	0.772727273	0.952380952
260	0.825396825	0.955555556	0.8	0.957746479	-	-	-	-
265	0.841269841	0.961111111	0.815384615	0.96713615	-	-	-	-
270	0.857142857	0.972222222	0.830769231	0.971830986	0.818181818	0.971751412	0.818181818	0.976190476
275	0.873015873	0.977777778	0.846153846	0.981220657	-	-	-	-
280	0.888888889	0.983333333	0.861538462	0.985915493	-	-	-	-
285	0.904761905	0.988888889	0.876923077	0.985915493	0.863636364	0.988700565	0.863636364	0.984126984
290	0.920634921	0.988888889	0.892307692	0.990610329	-	-	-	-
295	0.936507937	0.994444444	0.907692308	0.990610329	-	-	-	-
300	0.952380952	0.994444444	0.923076923	0.990610329	0.909090909	0.994350282	0.909090909	0.992063492
305	0.968253968	0.994444444	0.938461538	0.995305164	-	-	-	-
310	0.984126984	0.994444444	0.953846154	0.995305164	-	-	-	-
315	1	1	0.969230769	0.995305164	0.954545455	0.994350282	0.954545455	0.992063492
320	-	-	0.984615385	0.995305164	-	-	-	-
325	-	-	1	1	-	-	-	-
330	-	-	-	-	1	1	1	1

8/2/2019 STORM

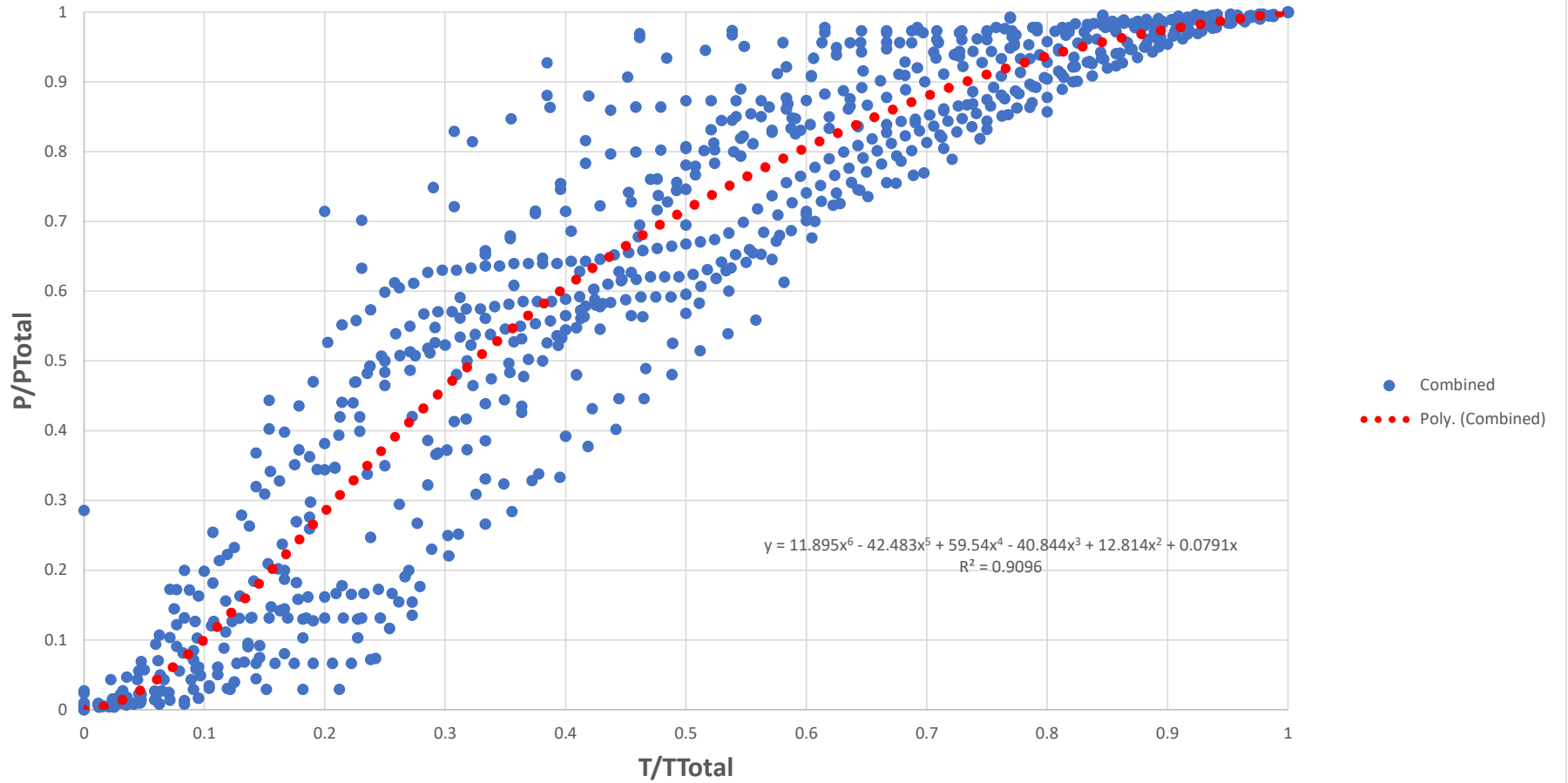
Time	Buck Jones Rd T/TTotal	Buck Jones Rd P/PTotal	Trailwood T/Total	Trailwood P/Ptotal	S. Wilmington T/Total	S. Wilmington P/Ptotal	Sunnybrook T/TTotal	Sunnybrook P/PTotal
0	0	0.027322404	0	0.007352941	0	0.007142857	0	0.285714286
5	0.032258065	0.027322404	0.03030303	0.022058824	-	-	-	-
10	0.064516129	0.027322404	0.060606061	0.022058824	-	-	-	-
15	0.096774194	0.049180328	0.090909091	0.029411765	0.083333333	0.2	0.2	0.714285714
20	0.129032258	0.131147541	0.121212121	0.029411765	-	-	-	-
25	0.161290323	0.202185792	0.151515152	0.029411765	-	-	-	-
30	0.193548387	0.344262295	0.181818182	0.029411765	0.166666667	0.2	0.4	0.714285714
35	0.225806452	0.469945355	0.212121212	0.029411765	-	-	-	-
40	0.258064516	0.612021858	0.242424242	0.073529412	-	-	-	-
45	0.290322581	0.74863388	0.272727273	0.154411765	0.25	0.35	0.6	0.714285714
50	0.322580645	0.81420765	0.303030303	0.220588235	-	-	-	-
55	0.35483871	0.846994536	0.333333333	0.330882353	-	-	-	-
60	0.387096774	0.863387978	0.363636364	0.426470588	0.333333333	0.385714286	0.8	0.857142857
65	0.419354839	0.879781421	0.393939394	0.522058824	-	-	-	-
70	0.451612903	0.907103825	0.424242424	0.588235294	-	-	-	-
75	0.483870968	0.93442623	0.454545455	0.727941176	0.416666667	0.578571429	1	1
80	0.516129032	0.945355191	0.484848485	0.727941176	-	-	-	-
85	0.548387097	0.950819672	0.515151515	0.801470588	-	-	-	-
90	0.580645161	0.956284153	0.545454545	0.889705882	0.5	0.807142857	-	-
95	0.612903226	0.956284153	0.575757576	0.911764706	-	-	-	-
100	0.64516129	0.956284153	0.606060606	0.933823529	-	-	-	-
105	0.677419355	0.956284153	0.636363636	0.955882353	0.583333333	0.921428571	-	-
110	0.709677419	0.956284153	0.666666667	0.970588235	-	-	-	-
115	0.741935484	0.961748634	0.696969697	0.970588235	-	-	-	-
120	0.774193548	0.967213115	0.727272727	0.970588235	0.666666667	0.957142857	-	-
125	0.806451613	0.972677596	0.757575758	0.977941176	-	-	-	-
130	0.838709677	0.983606557	0.787878788	0.977941176	-	-	-	-
135	0.870967742	0.983606557	0.818181818	0.977941176	0.75	0.971428571	-	-
140	0.903225806	0.989071038	0.848484848	0.977941176	-	-	-	-
145	0.935483871	0.994535519	0.878787879	0.985294118	-	-	-	-
150	0.967741935	0.994535519	0.909090909	0.992647059	0.833333333	0.978571429	-	-
155	1	1	0.939393939	0.992647059	-	-	-	-
160	-	-	0.96969697	0.992647059	-	-	-	-
165	-	-	1	1	0.916666667	0.992857143	-	-
170	-	-	-	-	-	-	-	-
175	-	-	-	-	-	-	-	-
180	-	-	-	-	1	1	-	-

11/12/2020 STORM

Time	Buck Jones Rd T/TTotal	Buck Jones Rd P/PTotal	Trailwood T/Total	Trailwood P/Ptotal	S. Wilmington T/Total	S. Wilmington P/Ptotal	Sunnybrook T/TTotal	Sunnybrook P/PTotal
0	0	0.003816794	0	0.003546099	0	0.004545455	0	0.003134796
5	0.0125	0.003816794	0.011764706	0.007092199	-	-	0.011904762	0.009404389
10	0.025	0.003816794	0.023529412	0.007092199	-	-	0.023809524	0.015673981
15	0.0375	0.011450382	0.035294118	0.007092199	0.035714286	0.018181818	0.035714286	0.047021944
20	0.05	0.057251908	0.047058824	0.010638298	-	-	0.047619048	0.068965517
25	0.0625	0.106870229	0.058823529	0.014184397	-	-	0.05952381	0.094043887
30	0.075	0.145038168	0.070588235	0.024822695	0.071428571	0.172727273	0.071428571	0.103448276
35	0.0875	0.171755725	0.082352941	0.081560284	-	-	0.083333333	0.131661442
40	0.1	0.198473282	0.094117647	0.102836879	-	-	0.095238095	0.163009404
45	0.1125	0.213740458	0.105882353	0.120567376	0.107142857	0.254545455	0.107142857	0.181818182
50	0.125	0.232824427	0.117647059	0.156028369	-	-	0.119047619	0.222570533
55	0.1375	0.263358779	0.129411765	0.163120567	-	-	0.130952381	0.278996865
60	0.15	0.309160305	0.141176471	0.184397163	0.142857143	0.368181818	0.142857143	0.319749216
65	0.1625	0.328244275	0.152941176	0.209219858	-	-	0.154761905	0.34169279
70	0.175	0.351145038	0.164705882	0.237588652	-	-	0.166666667	0.398119122
75	0.1875	0.36259542	0.176470588	0.269503546	0.178571429	0.372727273	0.178571429	0.435736677
80	0.2	0.381679389	0.188235294	0.29787234	-	-	0.19047619	0.470219436
85	0.2125	0.419847328	0.2	0.343971631	-	-	0.202380952	0.526645768
90	0.225	0.469465649	0.211764706	0.393617021	0.214285714	0.440909091	0.214285714	0.551724138
95	0.2375	0.492366412	0.223529412	0.439716312	-	-	0.226190476	0.55799373
100	0.25	0.5	0.235294118	0.482269504	-	-	0.238095238	0.573667712
105	0.2625	0.507633588	0.247058824	0.507092199	0.25	0.5	0.25	0.598746082
110	0.275	0.507633588	0.258823529	0.539007092	-	-	0.261904762	0.605015674
115	0.2875	0.511450382	0.270588235	0.54964539	-	-	0.273809524	0.611285266
120	0.3	0.522900763	0.282352941	0.567375887	0.285714286	0.518181818	0.285714286	0.626959248
125	0.3125	0.534351145	0.294117647	0.570921986	-	-	0.297619048	0.630094044
130	0.325	0.538167939	0.305882353	0.570921986	-	-	0.30952381	0.630094044
135	0.3375	0.538167939	0.317647059	0.574468085	0.321428571	0.522727273	0.321428571	0.63322884
140	0.35	0.545801527	0.329411765	0.574468085	-	-	0.333333333	0.636363636
145	0.3625	0.549618321	0.341176471	0.578014184	-	-	0.345238095	0.636363636
150	0.375	0.553435115	0.352941176	0.581560284	0.357142857	0.527272727	0.357142857	0.639498433
155	0.3875	0.557251908	0.364705882	0.585106383	-	-	0.369047619	0.639498433
160	0.4	0.564885496	0.376470588	0.585106383	-	-	0.380952381	0.639498433
165	0.4125	0.572519084	0.388235294	0.585106383	0.392857143	0.536363636	0.392857143	0.639498433
170	0.425	0.580152672	0.4	0.588652482	-	-	0.404761905	0.642633229
175	0.4375	0.583969466	0.411764706	0.592198582	-	-	0.416666667	0.642633229
180	0.45	0.58778626	0.423529412	0.602836879	0.428571429	0.545454545	0.428571429	0.645768025
185	0.4625	0.591603053	0.435294118	0.609929078	-	-	0.44047619	0.652037618
190	0.475	0.591603053	0.447058824	0.617021277	-	-	0.452380952	0.655172414
195	0.4875	0.591603053	0.458823529	0.617021277	0.464285714	0.563636364	0.464285714	0.65830721
200	0.5	0.595419847	0.470588235	0.620567376	-	-	0.476190476	0.661442006
205	0.5125	0.606870229	0.482352941	0.620567376	-	-	0.488095238	0.664576803
210	0.525	0.618320611	0.494117647	0.620567376	0.5	0.568181818	0.5	0.667711599
215	0.5375	0.633587786	0.505882353	0.624113475	-	-	0.511904762	0.670846395
220	0.55	0.641221374	0.517647059	0.631205674	-	-	0.523809524	0.673981191
225	0.5625	0.652671756	0.529411765	0.641843972	0.535714286	0.6	0.535714286	0.68338558
230	0.575	0.671755725	0.541176471	0.65248227	-	-	0.547619048	0.699059561
235	0.5875	0.687022901	0.552941176	0.652941176	-	-	0.55952381	0.717868339
240	0.6	0.709923664	0.564705882	0.684397163	0.571428571	0.645454545	0.571428571	0.736677116
245	0.6125	0.729007634	0.576470588	0.709219858	-	-	0.583333333	0.755485893
250	0.625	0.740458015	0.588235294	0.726950355	-	-	0.595238095	0.764890282
255	0.6375	0.755725191	0.6	0.741134752	0.607142857	0.7	0.607142857	0.77429467
260	0.65	0.770992366	0.611764706	0.75177305	-	-	0.619047619	0.789968652
265	0.6625	0.782442748	0.623529412	0.765957447	-	-	0.630952381	0.799373041
270	0.675	0.79389313	0.635294118	0.776595745	0.642857143	0.745454545	0.642857143	0.808777429
275	0.6875	0.801526718	0.647058824	0.790780142	-	-	0.654761905	0.818181818
280	0.7	0.812977099	0.658823529	0.80141844	-	-	0.666666667	0.827586207
285	0.7125	0.820610687	0.670588235	0.812056738	0.678571429	0.786363636	0.678571429	0.843260188
290	0.725	0.828244275	0.682352941	0.822695035	-	-	0.69047619	0.846394984
295	0.7375	0.835877863	0.694117647	0.829787234	-	-	0.702380952	0.852664577
300	0.75	0.84351145	0.705882353	0.836879433	0.714285714	0.804545455	0.714285714	0.858934169
305	0.7625	0.851145038	0.717647059	0.843971631	-	-	0.726190476	0.865203762
310	0.775	0.86259542	0.729411765	0.84751773	-	-	0.738095238	0.868338558
315	0.7875	0.870229008	0.741176471	0.854609929	0.75	0.831818182	0.75	0.87460815
320	0.8	0.877862595	0.752941176	0.865248227	-	-	0.761904762	0.880877743
325	0.8125	0.889312977	0.764705882	0.875886525	-	-	0.773809524	0.887147335
330	0.825	0.900763359	0.776470588	0.882978723	0.785714286	0.863636364	0.785714286	0.896551724
335	0.8375	0.908396947	0.788235294	0.893617021	-	-	0.797619048	0.905956113
340	0.85	0.919847328	0.8	0.904255319	-	-	0.80952381	0.915360502

345	0.8625	0.927480916	0.811764706	0.911347518	0.821428571	0.9	0.821428571	0.921630094
350	0.875	0.935114504	0.823529412	0.921985816	-	-	0.833333333	0.927899687
355	0.8875	0.942748092	0.835294118	0.929078014	-	-	0.845238095	0.934169279
360	0.9	0.954198473	0.847058824	0.932624113	0.857142857	0.922727273	0.857142857	0.940438871
365	0.9125	0.961832061	0.858823529	0.939716312	-	-	0.869047619	0.946708464
370	0.925	0.969465649	0.870588235	0.946808511	-	-	0.880952381	0.94984326
375	0.9375	0.977099237	0.882352941	0.953900709	0.892857143	0.95	0.892857143	0.959247649
380	0.95	0.984732824	0.894117647	0.964539007	-	-	0.904761905	0.965517241
385	0.9625	0.988549618	0.905882353	0.971631206	-	-	0.916666667	0.968652038
390	0.975	0.992366412	0.917647059	0.975177305	0.928571429	0.972727273	0.928571429	0.97492163
395	0.9875	0.996183206	0.929411765	0.978723404	-	-	0.94047619	0.978056426
400	1	1	0.941176471	0.985815603	-	-	0.952380952	0.984326019
405	-	-	0.952941176	0.989361702	0.964285714	0.986363636	0.964285714	0.987460815
410	-	-	0.964705882	0.989361702	-	-	0.976190476	0.990595611
415	-	-	0.976470588	0.996453901	-	-	0.988095238	0.993730408
420	-	-	0.988235294	0.996453901	1	1	1	1
425	-	-	1	1				

Summer Thunderstorm Percent Total - Precipitation vs. Duration

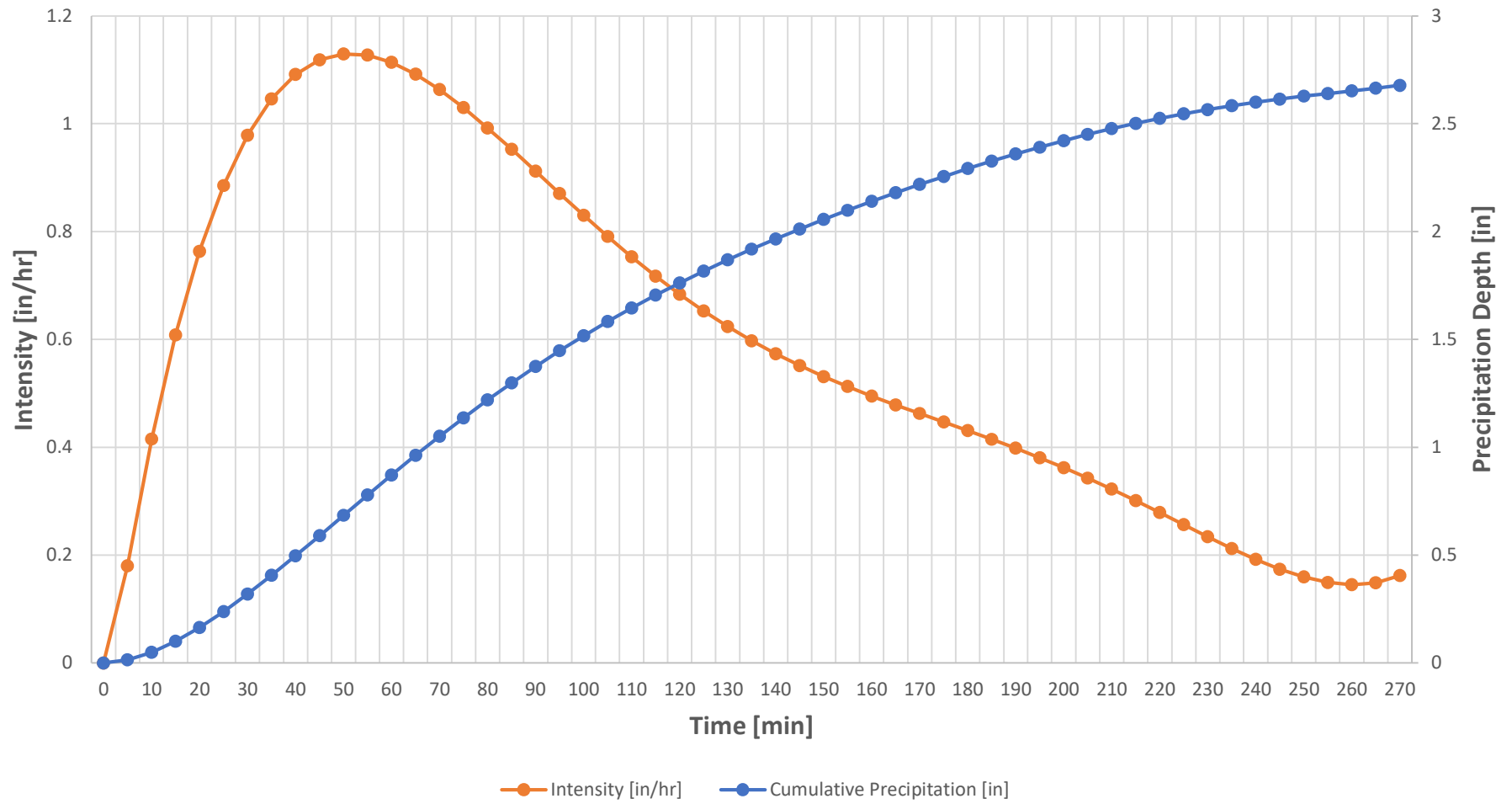


Summer Thunderstorm Line of Best Fit - Rainfall Generation

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
0	0	0	0	0	0
5	0.018518519	0.005606715	0.014999437	0.180	0.015
10	0.037037037	0.018541148	0.04960245	0.415	0.035
15	0.055555556	0.037485442	0.100283422	0.608	0.051
20	0.074074074	0.061268334	0.163908917	0.764	0.064
25	0.092592593	0.088854918	0.237710288	0.886	0.074
30	0.111111111	0.11933675	0.319257211	0.979	0.082
35	0.12962963	0.151922302	0.406432137	1.046	0.087
40	0.148148148	0.185927755	0.497405673	1.092	0.091
45	0.166666667	0.220768146	0.590612886	1.118	0.093
50	0.185185185	0.255948852	0.684730533	1.129	0.094
55	0.203703704	0.291057427	0.77865521	1.127	0.094
60	0.222222222	0.325755777	0.871482428	1.114	0.093
65	0.240740741	0.359772687	0.962486616	1.092	0.091
70	0.259259259	0.39289669	1.051102041	1.063	0.089
75	0.277777778	0.424969281	1.13690466	1.030	0.086
80	0.296296296	0.455878476	1.219594891	0.992	0.083
85	0.314814815	0.485552722	1.298981307	0.953	0.079
90	0.333333333	0.513955144	1.374965262	0.912	0.076
95	0.351851852	0.541078145	1.447526427	0.871	0.073
100	0.37037037	0.566938345	1.516709267	0.830	0.069
105	0.388888889	0.59157187	1.582610429	0.791	0.066
110	0.407407407	0.615029984	1.645367058	0.753	0.063
115	0.425925926	0.63737507	1.705146042	0.717	0.060
120	0.444444444	0.658676947	1.76213417	0.684	0.057
125	0.462962963	0.679009549	1.816529229	0.653	0.054
130	0.481481481	0.698447928	1.86853201	0.624	0.052
135	0.5	0.717065625	1.918339248	0.598	0.050
140	0.518518519	0.734932366	1.966137483	0.574	0.048
145	0.537037037	0.752112119	2.012097844	0.552	0.046
150	0.555555556	0.768661487	2.056371758	0.531	0.044
155	0.574074074	0.78462845	2.099087586	0.513	0.043
160	0.592592593	0.800051453	2.140348176	0.495	0.041
165	0.611111111	0.814958836	2.180229349	0.479	0.040
170	0.62962963	0.829368614	2.218779298	0.463	0.039
175	0.648148148	0.8432886	2.256018924	0.447	0.037
180	0.666666667	0.856716872	2.291943086	0.431	0.036
185	0.685185185	0.869642589	2.326522779	0.415	0.035
190	0.703703704	0.882047147	2.359708236	0.398	0.033
195	0.722222222	0.893905688	2.391432953	0.381	0.032
200	0.740740741	0.905188947	2.421618641	0.362	0.030
205	0.759259259	0.91586545	2.450181095	0.343	0.029
210	0.777777778	0.925904052	2.477036998	0.322	0.027
215	0.796296296	0.935276827	2.502111638	0.301	0.025
220	0.814814815	0.943962297	2.525347555	0.279	0.023
225	0.833333333	0.95194901	2.546714114	0.256	0.021
230	0.851851852	0.959239463	2.566217996	0.234	0.020
235	0.87037037	0.965854371	2.583914616	0.212	0.018
240	0.888888889	0.971837279	2.599920467	0.192	0.016
245	0.907407407	0.977259519	2.614426387	0.174	0.015
250	0.925925926	0.98222552	2.627711745	0.159	0.013
255	0.944444444	0.986878451	2.640159561	0.149	0.012
260	0.962962963	0.991406222	2.652272541	0.145	0.012
265	0.981481481	0.996047821	2.66469004	0.149	0.012
270	1	1.0011	2.678205947	0.162	0.014

Summer Thunderstorm

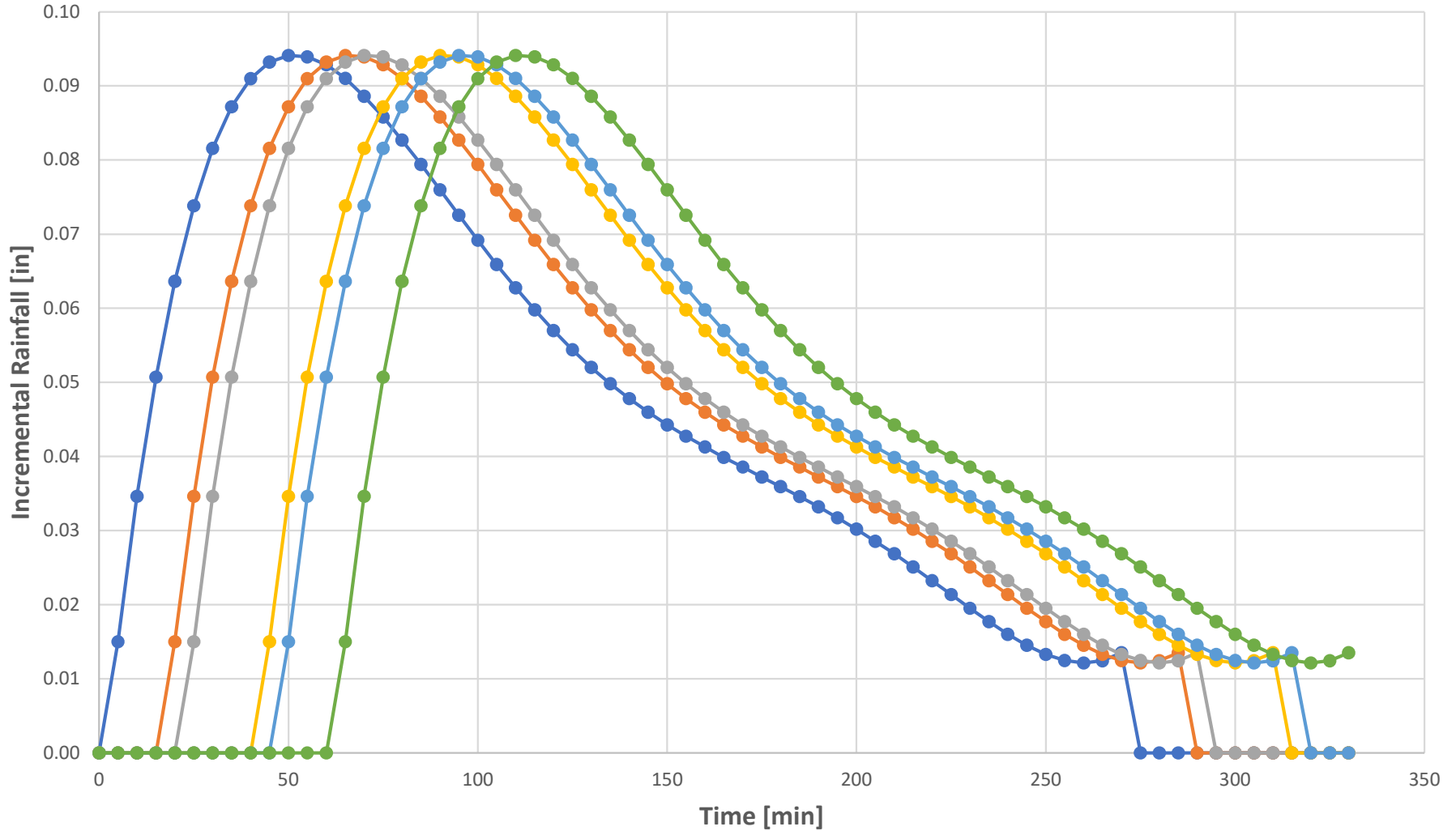
Intensity and Precipitation Depth vs. Time



Generation of Synthetic Summer Thunderstorm

Time [mins]	Buck Jones Rd. Gage	Lake Johnson Dam Gage	Trailwood Dr. Gage	S. Wilmington St. Gage	S. State St. Gage	Sunnybrook Rd. Gage
0	0.00	0.00	0.00	0.00	0.00	0.00
5	0.01	0.00	0.00	0.00	0.00	0.00
10	0.03	0.00	0.00	0.00	0.00	0.00
15	0.05	0.00	0.00	0.00	0.00	0.00
20	0.06	0.01	0.00	0.00	0.00	0.00
25	0.07	0.03	0.01	0.00	0.00	0.00
30	0.08	0.05	0.03	0.00	0.00	0.00
35	0.09	0.06	0.05	0.00	0.00	0.00
40	0.09	0.07	0.06	0.00	0.00	0.00
45	0.09	0.08	0.07	0.01	0.00	0.00
50	0.09	0.09	0.08	0.03	0.01	0.00
55	0.09	0.09	0.09	0.05	0.03	0.00
60	0.09	0.09	0.09	0.06	0.05	0.00
65	0.09	0.09	0.09	0.07	0.06	0.01
70	0.09	0.09	0.09	0.08	0.07	0.03
75	0.09	0.09	0.09	0.09	0.08	0.05
80	0.08	0.09	0.09	0.09	0.09	0.06
85	0.08	0.09	0.09	0.09	0.09	0.07
90	0.08	0.09	0.09	0.09	0.09	0.08
95	0.07	0.08	0.09	0.09	0.09	0.09
100	0.07	0.08	0.08	0.09	0.09	0.09
105	0.07	0.08	0.08	0.09	0.09	0.09
110	0.06	0.07	0.08	0.09	0.09	0.09
115	0.06	0.07	0.07	0.09	0.09	0.09
120	0.06	0.07	0.07	0.08	0.09	0.09
125	0.05	0.06	0.07	0.08	0.08	0.09
130	0.05	0.06	0.06	0.08	0.08	0.09
135	0.05	0.06	0.06	0.07	0.08	0.09
140	0.05	0.05	0.06	0.07	0.07	0.08
145	0.05	0.05	0.05	0.07	0.07	0.08
150	0.04	0.05	0.05	0.06	0.07	0.08
155	0.04	0.05	0.05	0.06	0.06	0.07
160	0.04	0.05	0.05	0.06	0.06	0.07
165	0.04	0.04	0.05	0.05	0.06	0.07
170	0.04	0.04	0.04	0.05	0.05	0.06
175	0.04	0.04	0.04	0.05	0.05	0.06
180	0.04	0.04	0.04	0.05	0.05	0.06
185	0.03	0.04	0.04	0.05	0.05	0.05
190	0.03	0.04	0.04	0.04	0.05	0.05
195	0.03	0.04	0.04	0.04	0.04	0.05
200	0.03	0.03	0.04	0.04	0.04	0.05
205	0.03	0.03	0.03	0.04	0.04	0.05
210	0.03	0.03	0.03	0.04	0.04	0.04
215	0.03	0.03	0.03	0.04	0.04	0.04
220	0.02	0.03	0.03	0.04	0.04	0.04
225	0.02	0.03	0.03	0.03	0.04	0.04
230	0.02	0.03	0.03	0.03	0.03	0.04
235	0.02	0.02	0.03	0.03	0.03	0.04
240	0.02	0.02	0.02	0.03	0.03	0.04
245	0.01	0.02	0.02	0.03	0.03	0.03
250	0.01	0.02	0.02	0.03	0.03	0.03
255	0.01	0.02	0.02	0.03	0.03	0.03
260	0.01	0.01	0.02	0.02	0.03	0.03
265	0.01	0.01	0.01	0.02	0.02	0.03
270	0.01	0.01	0.01	0.02	0.02	0.03
275	0.00	0.01	0.01	0.02	0.02	0.03
280	0.00	0.01	0.01	0.02	0.02	0.02
285	0.00	0.01	0.01	0.01	0.02	0.02
290	0.00	0.00	0.01	0.01	0.01	0.02
295	0.00	0.00	0.00	0.01	0.01	0.02
300	0.00	0.00	0.00	0.01	0.01	0.02
305	0.00	0.00	0.00	0.01	0.01	0.01
310	0.00	0.00	0.00	0.01	0.01	0.01
315	0.00	0.00	0.00	0.00	0.01	0.01
320	0.00	0.00	0.00	0.00	0.00	0.01
325	0.00	0.00	0.00	0.00	0.00	0.01
330	0.00	0.00	0.00	0.00	0.00	0.01

Summer Thunderstorm Incremental Rainfall vs. Time



- Buck Jones Rd. Gage
- Lake Johnson Dam Gage
- Trailwood Dr. Gage
- S. Wilmington St. Gage
- S. State St. Gage
- Sunnybrook Rd. Gage

SYNTHETIC HURRICANE CALCULATIONS

Construction of Synthetic Hurricane

Cells highlighted orange indicate values omitted from the calculation

Calculated Average Parameters

-Rainfall Distribution	Fluctuating Intensity	
-Rainfall Duration	48	hours
-Rainfall Depth	7.0	inches, incorporates 10% FS

Summary of Duration and Depth

Hurricane	Duration [hrs]	Duration [days]	RDU International Rainfall Depth [in]	Johnston Co. Stn Rainfall Depth [in]	Hurricane Average [in]
Floyd	50	2	6.49	7.33	6.91
Fran	20	1	5.07	6.40	5.74
Florence	90	4	6.85	5.69	6.27
Matthew	20	1	6.58	0.00	6.58
Gage Station Average	45	2	6.25	6.47	6.37

NC Climate Office Rainfall Data

Hurricane Floyd

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
1999-09-14 10:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999-09-14 11:00:00	0.00	0.00	0.00	0.02	0.06	0.06	0.01	0.02
1999-09-14 12:00:00	0.00	0.00	0.00	0.04	0.04	0.10	0.01	0.04
1999-09-14 13:00:00	0.00	0.00	0.00	0.06	0.02	0.12	0.02	0.06
1999-09-14 14:00:00	0.01	0.01	0.00	0.09	0.00	0.12	0.02	0.08
1999-09-14 15:00:00	0.00	0.01	0.00	0.11	0.00	0.12	0.02	0.10
1999-09-14 16:00:00	0.03	0.04	0.01	0.13	0.00	0.12	0.02	0.13
1999-09-14 17:00:00	0.00	0.04	0.01	0.15	0.01	0.13	0.02	0.15
1999-09-14 18:00:00	0.00	0.04	0.01	0.17	0.00	0.13	0.02	0.17
1999-09-14 19:00:00	0.00	0.04	0.01	0.19	0.00	0.13	0.02	0.19
1999-09-14 20:00:00	0.00	0.04	0.01	0.21	0.00	0.13	0.02	0.21
1999-09-14 21:00:00	0.00	0.04	0.01	0.23	0.00	0.13	0.02	0.23
1999-09-14 22:00:00	0.00	0.04	0.01	0.26	0.00	0.13	0.02	0.25
1999-09-14 23:00:00	0.00	0.04	0.01	0.28	0.00	0.13	0.02	0.27
1999-09-15 00:00:00	0.02	0.06	0.01	0.30	0.00	0.13	0.02	0.29
1999-09-15 01:00:00	0.01	0.07	0.01	0.32	0.00	0.13	0.02	0.31
1999-09-15 02:00:00	0.00	0.07	0.01	0.34	0.00	0.13	0.02	0.33
1999-09-15 03:00:00	0.00	0.07	0.01	0.36	0.00	0.13	0.02	0.35
1999-09-15 04:00:00	0.00	0.07	0.01	0.38	0.00	0.13	0.02	0.38
1999-09-15 05:00:00	0.11	0.18	0.03	0.40	0.01	0.14	0.02	0.40
1999-09-15 06:00:00	0.00	0.18	0.03	0.43	0.00	0.14	0.02	0.42
1999-09-15 07:00:00	0.16	0.34	0.05	0.45	0.03	0.17	0.02	0.44
1999-09-15 08:00:00	0.05	0.39	0.06	0.47	0.12	0.29	0.04	0.46
1999-09-15 09:00:00	0.09	0.48	0.07	0.49	0.13	0.42	0.06	0.48
1999-09-15 10:00:00	0.06	0.54	0.08	0.51	0.07	0.49	0.07	0.50
1999-09-15 11:00:00	0.08	0.62	0.10	0.53	0.12	0.61	0.08	0.52
1999-09-15 12:00:00	0.09	0.71	0.11	0.55	0.11	0.72	0.10	0.54
1999-09-15 13:00:00	0.07	0.78	0.12	0.57	0.05	0.77	0.11	0.56
1999-09-15 14:00:00	0.08	0.86	0.13	0.60	0.13	0.90	0.12	0.58
1999-09-15 15:00:00	0.16	1.02	0.16	0.62	0.09	0.99	0.14	0.60
1999-09-15 16:00:00	0.14	1.16	0.18	0.64	0.13	1.12	0.15	0.63
1999-09-15 17:00:00	0.06	1.22	0.19	0.66	0.21	1.33	0.18	0.65
1999-09-15 18:00:00	0.17	1.39	0.21	0.68	0.38	1.71	0.23	0.67
1999-09-15 19:00:00	0.26	1.65	0.25	0.70	0.47	2.18	0.30	0.69
1999-09-15 20:00:00	0.44	2.09	0.32	0.72	0.53	2.71	0.37	0.71
1999-09-15 21:00:00	0.40	2.49	0.38	0.74	0.34	3.05	0.42	0.73
1999-09-15 22:00:00	0.38	2.87	0.44	0.77	0.36	3.41	0.47	0.75
1999-09-15 23:00:00	0.52	3.39	0.52	0.79	0.36	3.77	0.51	0.77
1999-09-16 00:00:00	0.24	3.63	0.56	0.81	0.14	3.91	0.53	0.79
1999-09-16 01:00:00	0.31	3.94	0.61	0.83	0.44	4.35	0.59	0.81
1999-09-16 02:00:00	0.44	4.38	0.67	0.85	0.55	4.90	0.67	0.83
1999-09-16 03:00:00	0.61	4.99	0.77	0.87	0.40	5.30	0.72	0.85
1999-09-16 04:00:00	0.41	5.40	0.83	0.89	0.43	5.73	0.78	0.88
1999-09-16 05:00:00	0.34	5.74	0.88	0.91	0.58	6.31	0.86	0.90
1999-09-16 06:00:00	0.29	6.03	0.93	0.94	0.42	6.73	0.92	0.92
1999-09-16 07:00:00	0.28	6.31	0.97	0.96	0.31	7.04	0.96	0.94
1999-09-16 08:00:00	0.09	6.40	0.99	0.98	0.20	7.24	0.99	0.96
1999-09-16 09:00:00	0.07	6.47	1.00	1.00	0.08	7.32	0.999	0.98
1999-09-16 10:00:00	0.01	6.48	-	-	0.01	7.33	1.00	1.00
1999-09-16 11:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 12:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 13:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 14:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 15:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 16:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 17:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 18:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 19:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 20:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 21:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 22:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-16 23:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 00:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 01:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 02:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 03:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 04:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 05:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 06:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 07:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 08:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 09:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 10:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 11:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 12:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 13:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 14:00:00	0.00	6.48	-	-	0.00	-	-	-

Hurricane Floyd

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
1999-09-17 15:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 16:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 17:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 18:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 19:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 20:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 21:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 22:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-17 23:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-18 00:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-18 01:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-18 02:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-18 03:00:00	0.00	6.48	-	-	0.00	-	-	-
1999-09-18 04:00:00	0.01	6.49	-	-	0.00	-	-	-
1999-09-18 05:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 06:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 07:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 08:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 09:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 10:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 11:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 12:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 13:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 14:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 15:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 16:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 17:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 18:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 19:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 20:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 21:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 22:00:00	0.00	6.49	-	-	0.00	-	-	-
1999-09-18 23:00:00	0.00	6.49	-	-	0.00	-	-	-

Hurricane Fran

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
1996-09-05 12:00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996-09-05 13:00:00	0.00	0.00	0.00	0.07	0.01	0.01	0.00	0.04
1996-09-05 14:00:00	0.09	0.09	0.02	0.13	0.04	0.05	0.01	0.09
1996-09-05 15:00:00	0.14	0.23	0.05	0.20	0.03	0.08	0.01	0.13
1996-09-05 16:00:00	0.01	0.24	0.05	0.27	0.01	0.09	0.01	0.17
1996-09-05 17:00:00	0.10	0.34	0.07	0.33	0.01	0.10	0.02	0.22
1996-09-05 18:00:00	0.15	0.49	0.10	0.40	0.00	0.10	0.02	0.26
1996-09-05 19:00:00	0.00	0.49	0.10	0.47	0.04	0.14	0.02	0.30
1996-09-05 20:00:00	0.18	0.67	0.13	0.53	0.17	0.31	0.05	0.35
1996-09-05 21:00:00	0.20	0.87	0.17	0.60	0.21	0.52	0.08	0.39
1996-09-05 22:00:00	0.45	1.32	0.26	0.67	0.33	0.85	0.13	0.43
1996-09-05 23:00:00	0.75	2.07	0.41	0.73	0.47	1.32	0.21	0.48
1996-09-06 00:00:00	1.00	3.07	0.61	0.80	0.28	1.60	0.25	0.52
1996-09-06 01:00:00	0.54	3.61	0.71	0.87	0.53	2.13	0.33	0.57
1996-09-06 02:00:00	0.80	4.41	0.87	0.93	1.01	3.14	0.49	0.61
1996-09-06 03:00:00	0.66	5.07	1.00	1.00	1.22	4.36	0.68	0.65
1996-09-06 04:00:00	0.00	5.07	-	-	1.88	6.24	0.98	0.70
1996-09-06 05:00:00	0.00	5.07	-	-	0.05	6.29	0.98	0.74
1996-09-06 06:00:00	0.00	5.07	-	-	0.01	6.30	0.98	0.78
1996-09-06 07:00:00	0.00	5.07	-	-	0.01	6.31	0.99	0.83
1996-09-06 08:00:00	0.00	5.07	-	-	0.00	6.31	0.99	0.87
1996-09-06 09:00:00	0.00	5.07	-	-	0.03	6.34	0.99	0.91
1996-09-06 10:00:00	0.00	5.07	-	-	0.02	6.36	0.99	0.96
1996-09-06 11:00:00	0.00	5.07	-	-	0.01	6.37	1.00	1.00
1996-09-06 12:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 13:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 14:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 15:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 16:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 17:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 18:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 19:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 20:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 21:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 22:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-06 23:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 00:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 01:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 02:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 03:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 04:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 05:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 06:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 07:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 08:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 09:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 10:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 11:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 12:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 13:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 14:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 15:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 16:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 17:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 18:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 19:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 20:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 21:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 22:00:00	0.00	5.07	-	-	0.00	6.37	-	-
1996-09-07 23:00:00	0.00	5.07	-	-	0.03	6.40	-	-

Hurricane Florence

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
2018-09-13 16:00:00	0.16	0.16	0.02	0.00	0.03	0.03	0.01	0.00
2018-09-13 17:00:00	0.10	0.26	0.04	0.01	0.00	0.03	0.01	0.01
2018-09-13 18:00:00	0.00	0.26	0.04	0.02	0.00	0.03	0.01	0.02
2018-09-13 19:00:00	0.01	0.27	0.04	0.03	0.02	0.05	0.01	0.03
2018-09-13 20:00:00	0.00	0.27	0.04	0.05	0.22	0.27	0.05	0.04
2018-09-13 21:00:00	0.01	0.28	0.04	0.06	0.00	0.27	0.05	0.06
2018-09-13 22:00:00	0.00	0.28	0.04	0.07	0.01	0.28	0.05	0.07
2018-09-13 23:00:00	0.00	0.28	0.04	0.08	0.00	0.28	0.05	0.08
2018-09-14 00:00:00	0.00	0.28	0.04	0.09	0.01	0.29	0.05	0.09
2018-09-14 01:00:00	0.00	0.28	0.04	0.10	0.00	0.29	0.05	0.10
2018-09-14 02:00:00	0.00	0.28	0.04	0.11	0.03	0.32	0.06	0.11
2018-09-14 03:00:00	0.01	0.29	0.04	0.13	0.02	0.34	0.06	0.12
2018-09-14 04:00:00	0.00	0.29	0.04	0.14	0.00	0.34	0.06	0.13
2018-09-14 05:00:00	0.01	0.30	0.04	0.15	0.01	0.35	0.06	0.15
2018-09-14 06:00:00	0.00	0.30	0.04	0.16	0.09	0.44	0.08	0.16
2018-09-14 07:00:00	0.01	0.31	0.05	0.17	0.05	0.49	0.09	0.17
2018-09-14 08:00:00	0.00	0.31	0.05	0.18	0.03	0.52	0.09	0.18
2018-09-14 09:00:00	0.00	0.31	0.05	0.19	0.04	0.56	0.10	0.19
2018-09-14 10:00:00	0.00	0.31	0.05	0.20	0.05	0.61	0.11	0.20
2018-09-14 11:00:00	0.05	0.36	0.05	0.22	0.13	0.74	0.13	0.21
2018-09-14 12:00:00	0.01	0.37	0.05	0.23	0.17	0.91	0.16	0.22
2018-09-14 13:00:00	0.01	0.38	0.06	0.24	0.07	0.98	0.17	0.24
2018-09-14 14:00:00	0.00	0.38	0.06	0.25	0.18	1.16	0.20	0.25
2018-09-14 15:00:00	0.16	0.54	0.08	0.26	0.19	1.35	0.24	0.26
2018-09-14 16:00:00	0.42	0.96	0.14	0.27	0.21	1.56	0.27	0.27
2018-09-14 17:00:00	0.52	1.48	0.22	0.28	0.12	1.68	0.30	0.28
2018-09-14 18:00:00	0.04	1.52	0.22	0.30	0.05	1.73	0.30	0.29
2018-09-14 19:00:00	0.10	1.62	0.24	0.31	0.05	1.78	0.31	0.30
2018-09-14 20:00:00	0.06	1.68	0.25	0.32	0.23	2.01	0.35	0.31
2018-09-14 21:00:00	0.11	1.79	0.26	0.33	0.26	2.27	0.40	0.33
2018-09-14 22:00:00	0.15	1.94	0.28	0.34	0.31	2.58	0.45	0.34
2018-09-14 23:00:00	0.10	2.04	0.30	0.35	0.19	2.77	0.49	0.35
2018-09-15 00:00:00	0.30	2.34	0.34	0.36	0.17	2.94	0.52	0.36
2018-09-15 01:00:00	0.41	2.75	0.40	0.37	0.06	3.00	0.53	0.37
2018-09-15 02:00:00	0.18	2.93	0.43	0.39	0.16	3.16	0.56	0.38
2018-09-15 03:00:00	0.25	3.18	0.46	0.40	0.04	3.20	0.56	0.39
2018-09-15 04:00:00	0.10	3.28	0.48	0.41	0.09	3.29	0.58	0.40
2018-09-15 05:00:00	0.20	3.48	0.51	0.42	0.17	3.46	0.61	0.42
2018-09-15 06:00:00	0.18	3.66	0.53	0.43	0.14	3.60	0.63	0.43
2018-09-15 07:00:00	0.18	3.84	0.56	0.44	0.09	3.69	0.65	0.44
2018-09-15 08:00:00	0.03	3.87	0.56	0.45	0.02	3.71	0.65	0.45
2018-09-15 09:00:00	0.00	3.87	0.56	0.47	0.00	3.71	0.65	0.46
2018-09-15 10:00:00	0.00	3.87	0.56	0.48	0.01	3.72	0.65	0.47
2018-09-15 11:00:00	0.00	3.87	0.56	0.49	0.00	3.72	0.65	0.48
2018-09-15 12:00:00	0.03	3.90	0.57	0.50	0.00	3.72	0.65	0.49
2018-09-15 13:00:00	0.02	3.92	0.57	0.51	0.26	3.98	0.70	0.51
2018-09-15 14:00:00	0.32	4.24	0.62	0.52	0.04	4.02	0.71	0.52
2018-09-15 15:00:00	0.04	4.28	0.62	0.53	0.02	4.04	0.71	0.53
2018-09-15 16:00:00	0.00	4.28	0.62	0.55	0.00	4.04	0.71	0.54
2018-09-15 17:00:00	0.00	4.28	0.62	0.56	0.04	4.08	0.72	0.55
2018-09-15 18:00:00	0.00	4.28	0.62	0.57	0.07	4.15	0.73	0.56
2018-09-15 19:00:00	0.09	4.37	0.64	0.58	0.03	4.18	0.73	0.57
2018-09-15 20:00:00	0.06	4.43	0.65	0.59	0.04	4.22	0.74	0.58
2018-09-15 21:00:00	0.03	4.46	0.65	0.60	0.01	4.23	0.74	0.60
2018-09-15 22:00:00	0.01	4.47	0.65	0.61	0.00	4.23	0.74	0.61
2018-09-15 23:00:00	0.03	4.50	0.66	0.63	0.04	4.27	0.75	0.62
2018-09-16 00:00:00	0.03	4.53	0.66	0.64	0.09	4.36	0.77	0.63
2018-09-16 01:00:00	0.10	4.63	0.68	0.65	0.00	4.36	0.77	0.64
2018-09-16 02:00:00	0.07	4.70	0.69	0.66	0.03	4.39	0.77	0.65
2018-09-16 03:00:00	0.05	4.75	0.69	0.67	0.05	4.44	0.78	0.66
2018-09-16 04:00:00	0.07	4.82	0.70	0.68	0.11	4.55	0.80	0.67
2018-09-16 05:00:00	0.03	4.85	0.71	0.69	0.06	4.61	0.81	0.69
2018-09-16 06:00:00	0.06	4.91	0.72	0.70	0.02	4.63	0.81	0.70
2018-09-16 07:00:00	0.00	4.91	0.72	0.72	0.03	4.66	0.82	0.71
2018-09-16 08:00:00	0.02	4.93	0.72	0.73	0.11	4.77	0.84	0.72
2018-09-16 09:00:00	0.08	5.01	0.73	0.74	0.09	4.86	0.85	0.73
2018-09-16 10:00:00	0.02	5.03	0.73	0.75	0.02	4.88	0.86	0.74
2018-09-16 11:00:00	0.01	5.04	0.74	0.76	0.03	4.91	0.86	0.75
2018-09-16 12:00:00	0.02	5.06	0.74	0.77	0.03	4.94	0.87	0.76
2018-09-16 13:00:00	0.01	5.07	0.74	0.78	0.00	4.94	0.87	0.78
2018-09-16 14:00:00	0.00	5.07	0.74	0.80	0.01	4.95	0.87	0.79
2018-09-16 15:00:00	0.02	5.09	0.74	0.81	0.04	4.99	0.88	0.80
2018-09-16 16:00:00	0.05	5.14	0.75	0.82	0.01	5.00	0.88	0.81
2018-09-16 17:00:00	0.03	5.17	0.75	0.83	0.00	5.00	0.88	0.82
2018-09-16 18:00:00	0.02	5.19	0.76	0.84	0.06	5.06	0.89	0.83
2018-09-16 19:00:00	0.03	5.22	0.76	0.85	0.00	5.06	0.89	0.84
2018-09-16 20:00:00	0.02	5.24	0.76	0.86	0.00	5.06	0.89	0.85
2018-09-16 21:00:00	0.01	5.25	0.77	0.87	0.00	5.06	0.89	0.87

Hurricane Florence

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
2018-09-16 22:00:00	0.08	5.33	0.78	0.89	0.12	5.18	0.91	0.88
2018-09-16 23:00:00	0.10	5.43	0.79	0.90	0.02	5.20	0.91	0.89
2018-09-17 00:00:00	0.08	5.51	0.80	0.91	0.12	5.32	0.93	0.90
2018-09-17 01:00:00	0.02	5.53	0.81	0.92	0.02	5.34	0.94	0.91
2018-09-17 02:00:00	0.14	5.67	0.83	0.93	0.28	5.62	0.99	0.92
2018-09-17 03:00:00	0.05	5.72	0.84	0.94	0.03	5.65	0.99	0.93
2018-09-17 04:00:00	0.27	5.99	0.87	0.95	0.00	5.65	0.99	0.94
2018-09-17 05:00:00	0.19	6.18	0.90	0.97	0.00	5.65	0.99	0.96
2018-09-17 06:00:00	0.60	6.78	0.99	0.98	0.01	5.66	0.99	0.97
2018-09-17 07:00:00	0.04	6.82	1.00	0.99	0.00	5.66	0.99	0.98
2018-09-17 08:00:00	0.03	6.85	1.00	1.00	0.00	5.66	0.99	0.99
2018-09-17 09:00:00	0.00	6.85	-	-	0.01	5.67	1.00	1.00
2018-09-17 10:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 11:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 12:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 13:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 14:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 15:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 16:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 17:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 18:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 19:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 20:00:00	0.00	6.85	-	-	0.00	5.67	-	-
2018-09-17 21:00:00	0.00	6.85	-	-	0.01	5.68	-	-
2018-09-17 22:00:00	0.00	6.85	-	-	0.01	5.69	-	-
2018-09-17 23:00:00	0	6.85	-	-	0.00	5.69	-	-

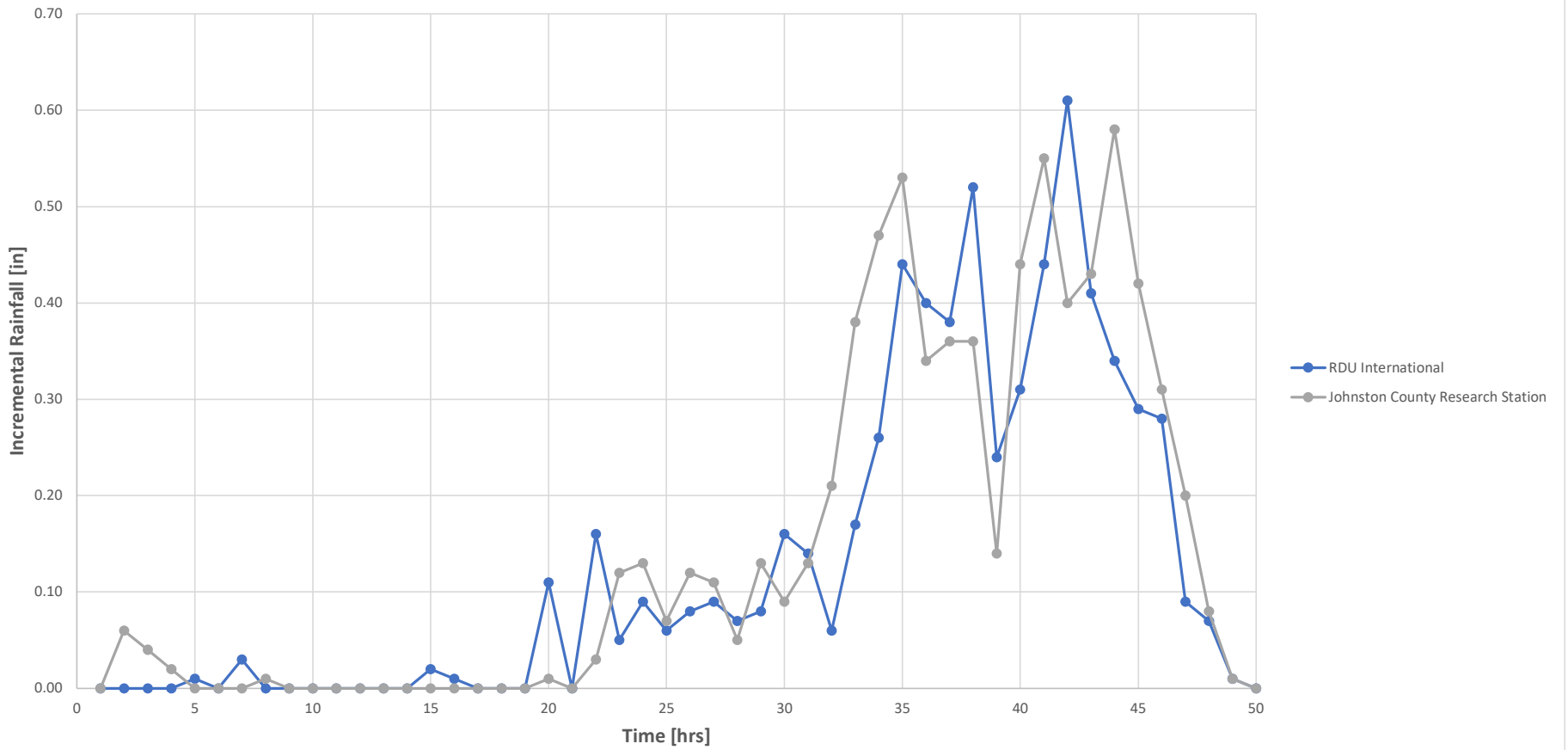
Hurricane Matthew

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
2016-10-08 02:00:00	0.03	0.03	0.00	0.00	0.00	-	-	-
2016-10-08 03:00:00	0.13	0.16	0.02	0.04	0.00	-	-	-
2016-10-08 04:00:00	0.14	0.30	0.05	0.07	0.00	-	-	-
2016-10-08 05:00:00	0.06	0.36	0.05	0.11	0.00	-	-	-
2016-10-08 06:00:00	0.09	0.45	0.07	0.15	0.00	-	-	-
2016-10-08 07:00:00	0.04	0.49	0.07	0.19	0.00	-	-	-
2016-10-08 08:00:00	0.18	0.67	0.10	0.22	0.00	-	-	-
2016-10-08 09:00:00	0.11	0.78	0.12	0.26	0.00	-	-	-
2016-10-08 10:00:00	0.27	1.05	0.16	0.30	0.00	-	-	-
2016-10-08 11:00:00	0.51	1.56	0.24	0.33	0.00	-	-	-
2016-10-08 12:00:00	0.44	2.00	0.30	0.37	0.00	-	-	-
2016-10-08 13:00:00	0.79	2.79	0.42	0.41	0.00	-	-	-
2016-10-08 14:00:00	0.90	3.69	0.56	0.44	0.00	-	-	-
2016-10-08 15:00:00	0.85	4.54	0.69	0.48	0.00	-	-	-
2016-10-08 16:00:00	0.71	5.25	0.80	0.52	0.00	-	-	-
2016-10-08 17:00:00	0.46	5.71	0.87	0.56	0.00	-	-	-
2016-10-08 18:00:00	0.29	6.00	0.91	0.59	0.00	-	-	-
2016-10-08 19:00:00	0.18	6.18	0.94	0.63	0.00	-	-	-
2016-10-08 20:00:00	0.08	6.26	0.95	0.67	0.00	-	-	-
2016-10-08 21:00:00	0.03	6.29	0.96	0.70	0.00	-	-	-
2016-10-08 22:00:00	0.00	6.29	0.96	0.74	0.00	-	-	-
2016-10-08 23:00:00	0.03	6.32	0.96	0.78	0.00	-	-	-
2016-10-09 00:00:00	0.07	6.39	0.97	0.81	0.00	-	-	-
2016-10-09 01:00:00	0.05	6.44	0.98	0.85	0.00	-	-	-
2016-10-09 02:00:00	0.06	6.50	0.99	0.89	0.00	-	-	-
2016-10-09 03:00:00	0.04	6.54	0.99	0.93	0.00	-	-	-
2016-10-09 04:00:00	0.03	6.57	1.00	0.96	0.00	-	-	-
2016-10-09 05:00:00	0.01	6.58	1.00	1.00	0.00	-	-	-
2016-10-09 06:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 07:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 08:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 09:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 10:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 11:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 12:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 13:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 14:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 15:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 16:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 17:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 18:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 19:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 20:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 21:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 22:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-09 23:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 00:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 01:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 02:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 03:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 04:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 05:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 06:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 07:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 08:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 09:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 10:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 11:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 12:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 13:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 14:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 15:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 16:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 17:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 18:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 19:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 20:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 21:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 22:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-10 23:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 00:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 01:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 02:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 03:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 04:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 05:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 06:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 07:00:00	0.00	6.58	-	-	0.00	-	-	-

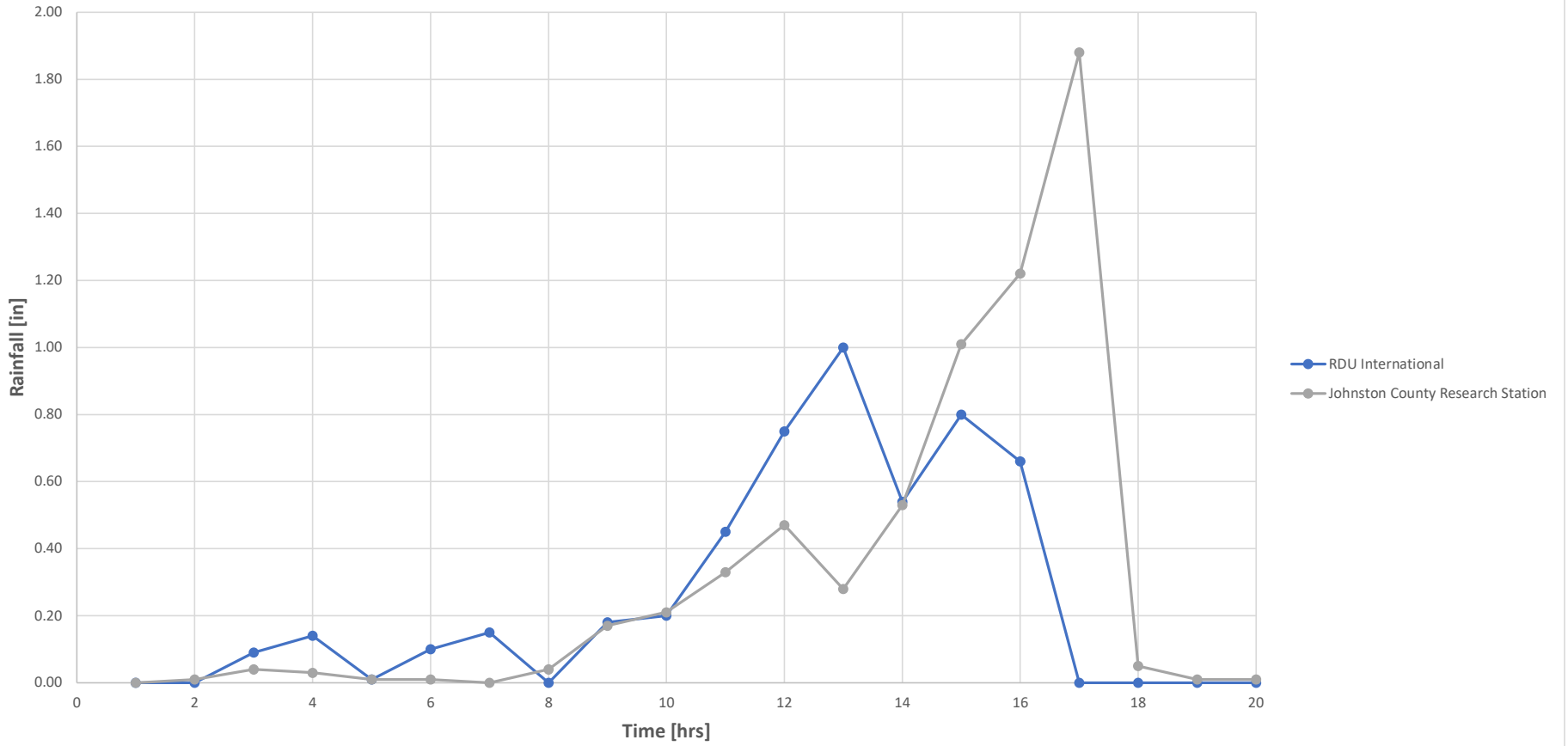
Hurricane Matthew

Time	RDU Airport Incremental Rainfall [in]	RDU Airport Cumulative Rainfall [in]	RDU Airport P/Ptotal	RDU Airport T/Ttotal	JoCo Station Incremental Rainfall [in]	JoCo Station Cumulative Rainfall [in]	JoCo Station P/Ptotal	JoCo Station T/TTtotal
2016-10-11 08:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 09:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 10:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 11:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 12:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 13:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 14:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 15:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 16:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 17:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 18:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 19:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 20:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 21:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 22:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-11 23:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 00:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 01:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 02:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 03:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 04:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 05:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 06:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 07:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 08:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 09:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 10:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 11:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 12:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 13:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 14:00:00	0.00	6.58	-	-	0.00	-	-	-
2016-10-12 15:00:00	0.00	6.58	-	-	0.00	-	-	-

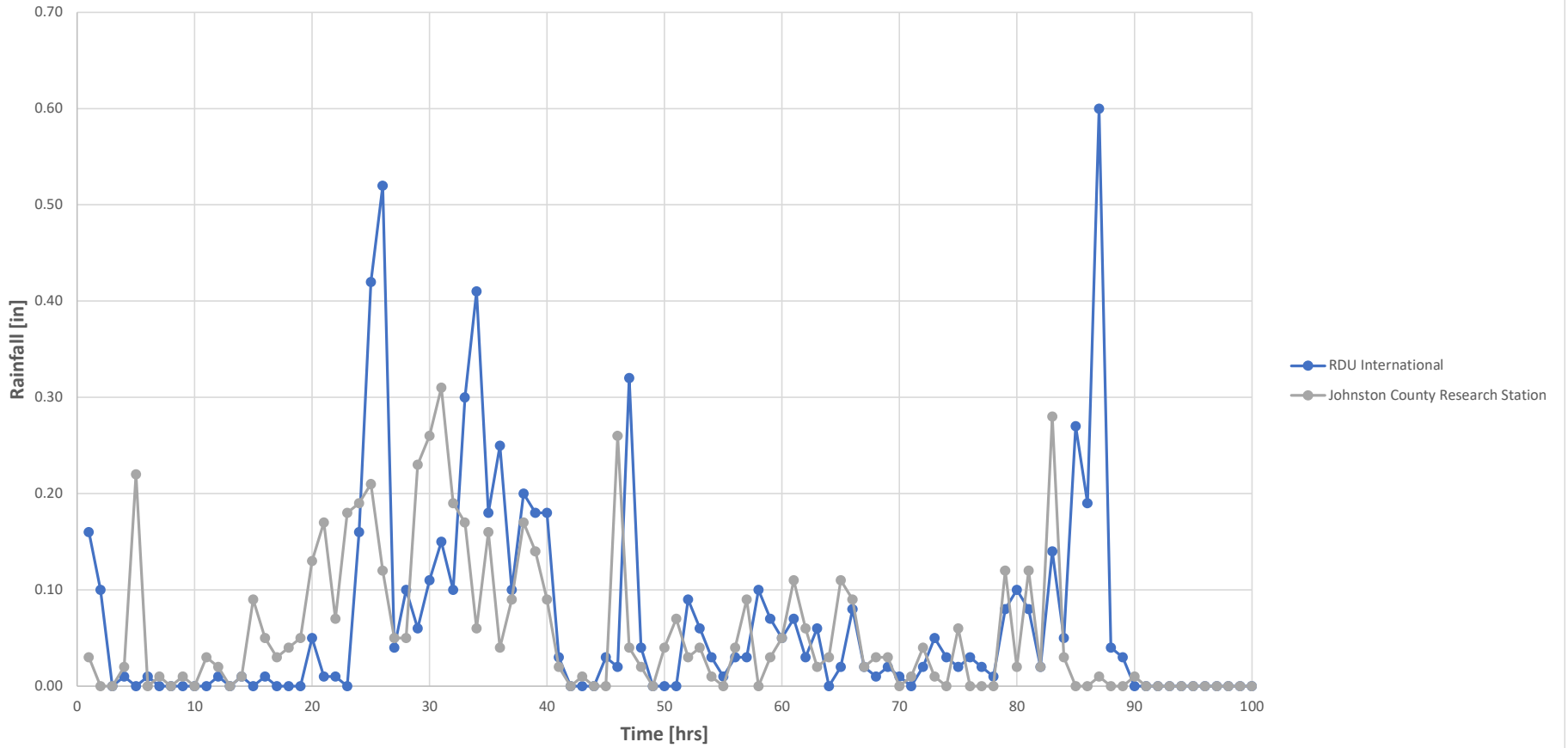
Hurricane Floyd



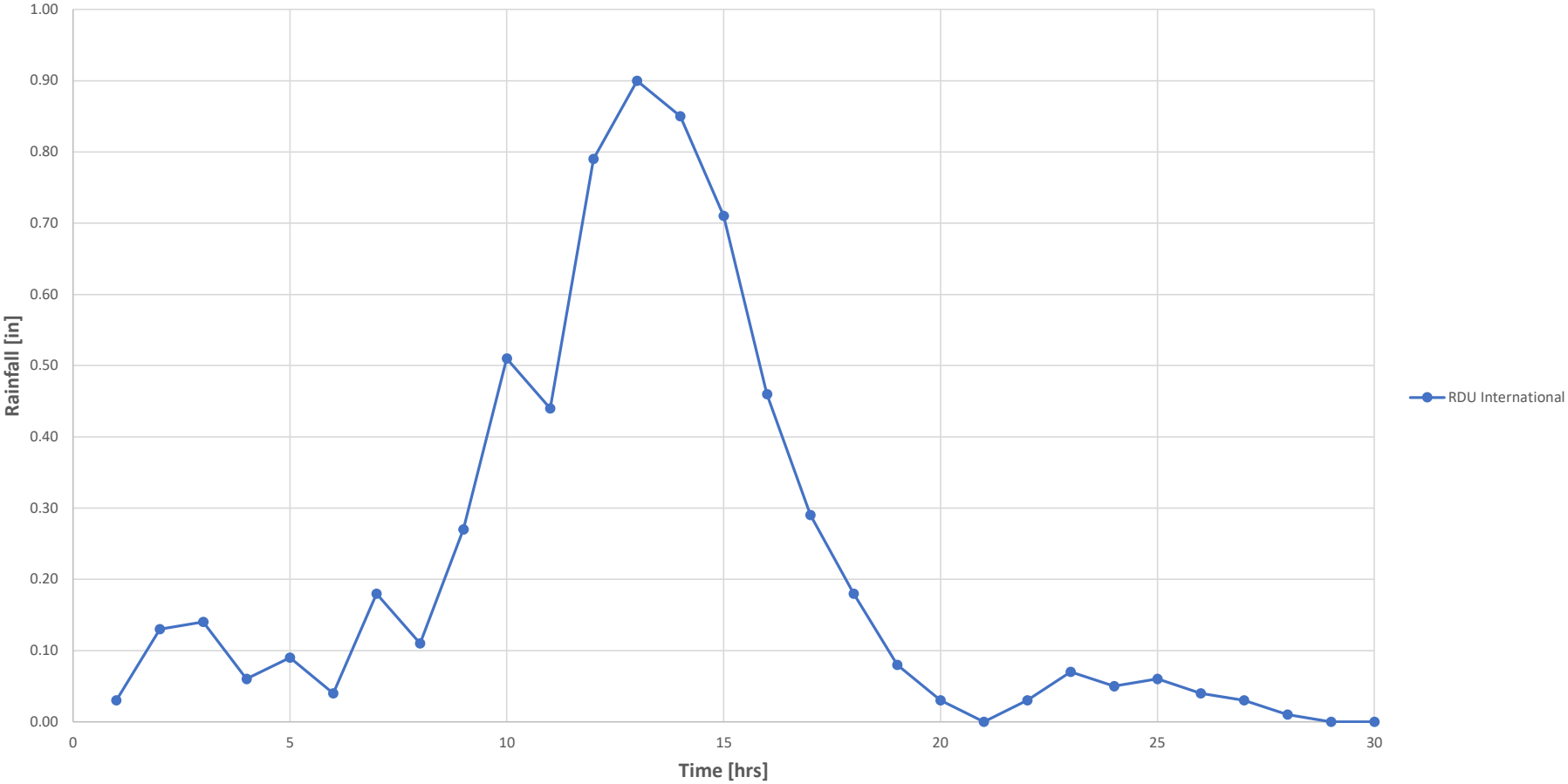
Hurricane Fran



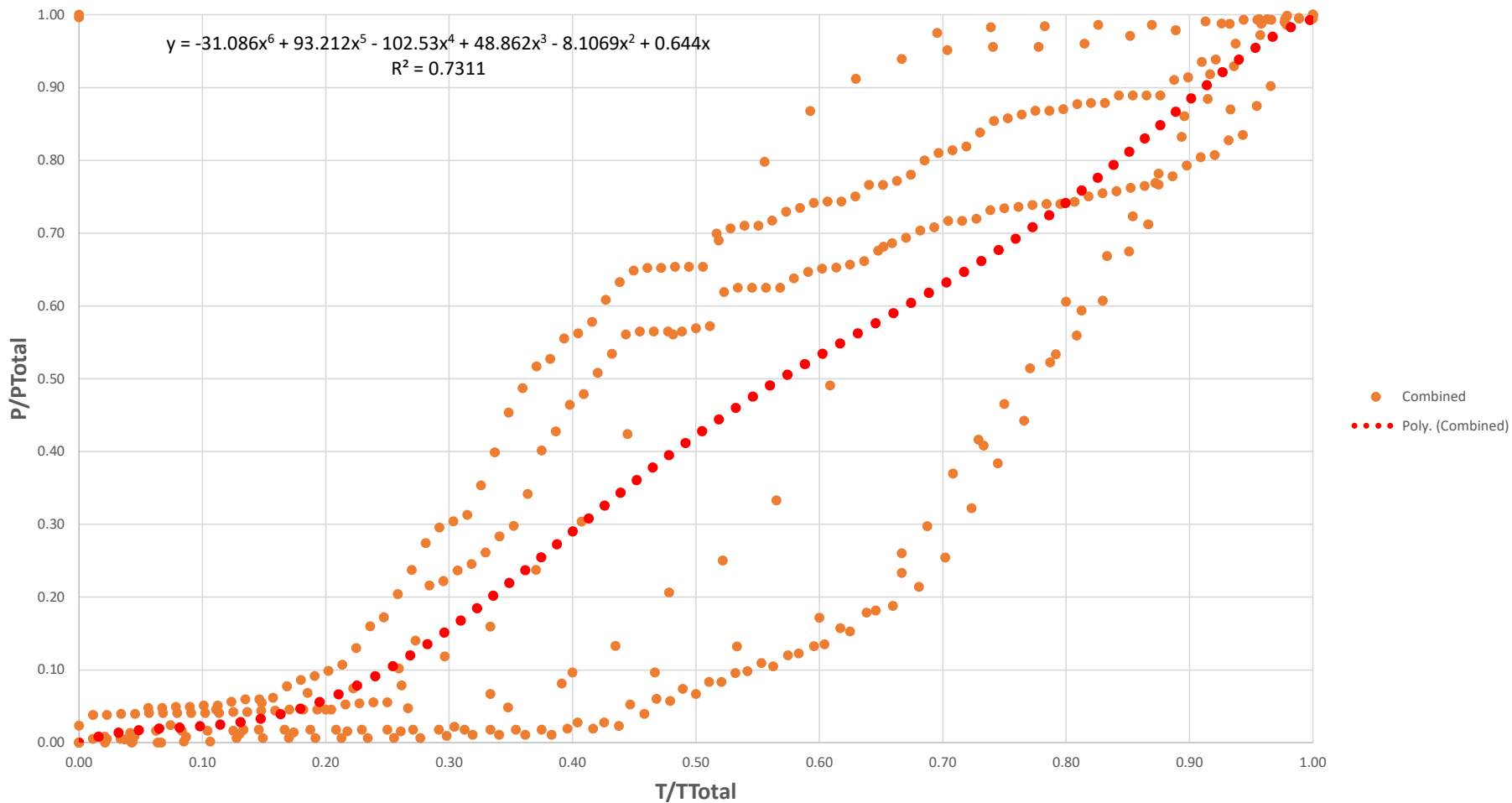
Hurricane Florence



Hurricane Matthew



Percent Total - Precipitation vs. Duration



Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
0	0	0	0	0	0
5	0.001736111	0.001093875	0.007669298	0.09203157	0.007669298
10	0.003472222	0.002140402	0.015006628	0.088047966	0.00733733
15	0.005208333	0.003141081	0.022022514	0.084190628	0.007015886
20	0.006944444	0.004097391	0.028727323	0.080457707	0.006704809
25	0.008680556	0.005010789	0.03513127	0.076847364	0.006403947
30	0.010416667	0.00588271	0.041244418	0.073357779	0.006113148
35	0.012152778	0.006714569	0.04707668	0.069987144	0.005832262
40	0.013888889	0.007507756	0.052637819	0.066733667	0.005561139
45	0.015625	0.008263645	0.057937449	0.063595568	0.005299631
50	0.017361111	0.008983585	0.06298504	0.060571086	0.00504759
55	0.019097222	0.009668907	0.067789912	0.057658469	0.004804872
60	0.020833333	0.010320918	0.072361244	0.054855984	0.004571332
65	0.022569444	0.010940908	0.07670807	0.05216191	0.004346826
70	0.024305556	0.011530144	0.080839282	0.049574539	0.004131212
75	0.026041667	0.012089876	0.08476363	0.047092181	0.003924348
80	0.027777778	0.012621331	0.088489727	0.044713157	0.003726096
85	0.029513889	0.013125717	0.092026043	0.042435803	0.003536317
90	0.03125	0.013604224	0.095380916	0.040258469	0.003354872
95	0.032986111	0.014058021	0.098562542	0.038179519	0.003181627
100	0.034722222	0.014488258	0.101578987	0.036197331	0.003016444
105	0.036458333	0.014896066	0.104438178	0.034310298	0.002859191
110	0.038194444	0.015282556	0.107147913	0.032516824	0.002709735
115	0.039930556	0.015648823	0.109715858	0.030815329	0.002567944
120	0.041666667	0.015995941	0.112149545	0.029204247	0.002433687
125	0.043402778	0.016324966	0.11445638	0.027682025	0.002306835
130	0.045138889	0.016636936	0.116643641	0.026247123	0.00218726
135	0.046875	0.016932871	0.118718475	0.024898015	0.002074835
140	0.048611111	0.017213772	0.120687908	0.023693189	0.001969432
145	0.050347222	0.017480623	0.122558836	0.022451146	0.001870929
150	0.052083333	0.017734392	0.124338036	0.021350401	0.0017792
155	0.053819444	0.017976025	0.12603216	0.020329481	0.001694123
160	0.055555556	0.018206456	0.127647737	0.019386928	0.001615577
165	0.057291667	0.018426598	0.129191179	0.018521297	0.001543441
170	0.059027778	0.018637348	0.130668775	0.017731155	0.001477596
175	0.060763889	0.018839587	0.132086698	0.017015083	0.001417924
180	0.0625	0.019034178	0.133451005	0.016371675	0.001364306
185	0.064236111	0.01922197	0.134767633	0.015799538	0.001316628
190	0.065972222	0.019403791	0.136042407	0.015297293	0.001274774
195	0.067708333	0.019580458	0.137281038	0.014863572	0.001238631
200	0.069444444	0.019752768	0.138489123	0.014497022	0.001208085
205	0.071180556	0.019921503	0.139672148	0.014196301	0.001183025
210	0.072916667	0.020087431	0.140835488	0.01396008	0.00116334
215	0.074652778	0.020251302	0.141984409	0.013787046	0.00114892
220	0.076388889	0.020413852	0.143124067	0.013675893	0.001139658
225	0.078125	0.020575801	0.144259511	0.013625333	0.001135444
230	0.079861111	0.020737854	0.145395685	0.013634088	0.001136174
235	0.081597222	0.020900701	0.146537426	0.013700892	0.001141741
240	0.083333333	0.021065017	0.147689467	0.013824493	0.001152041
245	0.085069444	0.021231463	0.148856438	0.01400365	0.001166971
250	0.086805556	0.021400683	0.150042866	0.014237137	0.001186428
255	0.088541667	0.021573311	0.151253177	0.014523737	0.001210311
260	0.090277778	0.021749961	0.152491698	0.014862248	0.001238521
265	0.092013889	0.021931238	0.153762654	0.015251478	0.001270956
270	0.09375	0.022117731	0.155070175	0.015690249	0.001307521
275	0.095486111	0.022310013	0.156417391	0.016177394	0.001348116

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
280	0.097222222	0.022508647	0.157810938	0.016711759	0.001392647
285	0.098958333	0.02271418	0.159251955	0.017292201	0.001441017
290	0.100694444	0.022927146	0.160745087	0.017917591	0.001493133
295	0.102430556	0.023148067	0.162293988	0.018586808	0.001548901
300	0.104166667	0.023377449	0.163902217	0.019298748	0.001608229
305	0.105902778	0.023615788	0.165573243	0.020052314	0.001671026
310	0.107638889	0.023863566	0.167310445	0.020846424	0.001737202
315	0.109375	0.024121252	0.169117112	0.021680006	0.001806667
320	0.111111111	0.024389302	0.170996446	0.022552002	0.001879333
325	0.112847222	0.024668161	0.172951559	0.023461362	0.001955113
330	0.114583333	0.02495826	0.17498548	0.02440705	0.002033921
335	0.116319444	0.025260019	0.17710115	0.025388042	0.00211567
340	0.118055556	0.025573845	0.179301427	0.026403323	0.002200277
345	0.119791667	0.025900135	0.181589085	0.027451892	0.002287658
350	0.121527778	0.026239272	0.183966815	0.028532758	0.00237773
355	0.123263889	0.026591628	0.186437226	0.029644942	0.002470412
360	0.125	0.026957564	0.189002849	0.030787475	0.002565623
365	0.126736111	0.027337429	0.191666133	0.031959401	0.002663283
370	0.128472222	0.027731562	0.194429447	0.033159774	0.002763314
375	0.130208333	0.028140289	0.197295085	0.034387658	0.002865638
380	0.131944444	0.028563927	0.200265263	0.035642131	0.002970178
385	0.133680556	0.029002781	0.20334212	0.03692228	0.003076857
390	0.135416667	0.029457144	0.20652772	0.038227203	0.0031856
395	0.137152778	0.029927302	0.209824054	0.039556009	0.003296334
400	0.138888889	0.030413527	0.213233039	0.040907819	0.003408985
405	0.140625	0.030916083	0.216756519	0.042281763	0.00352348
410	0.142361111	0.031435222	0.220396268	0.043676983	0.003639749
415	0.144097222	0.031971187	0.224153987	0.045092631	0.003757719
420	0.145833333	0.032524211	0.22803131	0.04652787	0.003877323
425	0.147569444	0.033094518	0.232029799	0.047981874	0.003998489
430	0.149305556	0.033682319	0.236150951	0.049453826	0.004121152
435	0.151041667	0.03428782	0.240396195	0.050942922	0.004245244
440	0.152777778	0.034911215	0.244766892	0.052448366	0.004370697
445	0.154513889	0.035552688	0.24926434	0.053969374	0.004497448
450	0.15625	0.036212415	0.253889771	0.055505171	0.004625431
455	0.157986111	0.036890564	0.258644353	0.057054993	0.004754583
460	0.159722222	0.037587291	0.263529194	0.058618086	0.004884841
465	0.161458333	0.038302745	0.268545336	0.060193708	0.005016142
470	0.163194444	0.039037068	0.273693763	0.061781124	0.005148427
475	0.164930556	0.03979039	0.278975397	0.063379611	0.005281634
480	0.166666667	0.040562834	0.284391102	0.064988455	0.005415705
485	0.168402778	0.041354516	0.289941682	0.066606953	0.005550579
490	0.170138889	0.042165542	0.295627883	0.068234412	0.005686201
495	0.171875	0.042996009	0.301450395	0.069870148	0.005822512
500	0.173611111	0.043846009	0.307409852	0.071513487	0.005959457
505	0.175347222	0.044715624	0.313506833	0.073163766	0.00609698
510	0.177083333	0.045604929	0.31974186	0.074820328	0.006235027
515	0.178819444	0.046513991	0.326115404	0.076482531	0.006373544
520	0.180555556	0.047442869	0.332627883	0.078149739	0.006512478
525	0.182291667	0.048391615	0.33927966	0.079821326	0.006651777
530	0.184027778	0.049360274	0.346071049	0.081496677	0.00679139
535	0.185763889	0.050348883	0.353002315	0.083175184	0.006931265
540	0.1875	0.051357474	0.360073669	0.084856251	0.007071354
545	0.189236111	0.052386069	0.367285276	0.08653929	0.007211607
550	0.190972222	0.053434685	0.374637253	0.088223722	0.007351977
555	0.192708333	0.054503331	0.382129668	0.089908978	0.007492415

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
560	0.194444444	0.055592012	0.389762543	0.091594498	0.007632875
565	0.196180556	0.056700723	0.397535854	0.093279731	0.007773311
570	0.197916667	0.057829454	0.405449532	0.094964135	0.007913678
575	0.199652778	0.05897819	0.413503463	0.096647178	0.008053932
580	0.201388889	0.060146908	0.421697491	0.098328336	0.008194028
585	0.203125	0.06133558	0.430031416	0.100007093	0.008333924
590	0.204861111	0.06254417	0.438504994	0.101682944	0.008473579
595	0.206597222	0.063772639	0.447117944	0.103355391	0.008612949
600	0.208333333	0.06502094	0.455869939	0.105023947	0.008751996
605	0.210069444	0.066289022	0.464760617	0.106688132	0.008890678
610	0.211805556	0.067576826	0.473789573	0.108347474	0.009028956
615	0.213541667	0.06888429	0.482956366	0.110001512	0.009166793
620	0.215277778	0.070211345	0.492260515	0.111649791	0.009304149
625	0.217013889	0.071557917	0.501701504	0.113291867	0.009440989
630	0.21875	0.072923929	0.511292779	0.114927303	0.009577275
635	0.220486111	0.074309294	0.520991752	0.11655567	0.009712973
640	0.222222222	0.075713926	0.530839797	0.118176549	0.009848046
645	0.223958333	0.077137729	0.540822258	0.119789528	0.009982461
650	0.225694444	0.078580605	0.550938442	0.121394203	0.010116184
655	0.227430556	0.08004245	0.561187623	0.122990179	0.010249182
660	0.229166667	0.081523157	0.571569046	0.12457707	0.010381423
665	0.230902778	0.083022613	0.582081921	0.126154497	0.010512875
670	0.232638889	0.084540702	0.592725428	0.127722089	0.010643507
675	0.234375	0.086077301	0.603498718	0.129279482	0.01077329
680	0.236111111	0.087632286	0.614400912	0.130826323	0.010902194
685	0.237847222	0.089205527	0.6254311	0.132362264	0.011030189
690	0.239583333	0.09079689	0.636588348	0.133886966	0.011157247
695	0.241319444	0.092406239	0.647871689	0.135400098	0.011283342
700	0.243055556	0.094033343	0.659280134	0.136901337	0.011408445
705	0.244791667	0.09567832	0.670812664	0.138390366	0.011532531
710	0.246527778	0.09734076	0.682468237	0.139866878	0.011655573
715	0.248263889	0.099020597	0.694245785	0.141330572	0.011777548
720	0.25	0.100717676	0.706144215	0.142781155	0.01189843
725	0.251736111	0.102431837	0.71816241	0.144218341	0.012018195
730	0.253472222	0.104162917	0.730299231	0.145641853	0.012136821
735	0.255208333	0.105910751	0.742553516	0.147051419	0.012254285
740	0.256944444	0.107675171	0.75492408	0.148446777	0.012370565
745	0.258680556	0.109456003	0.76740972	0.14982767	0.012485639
750	0.260416667	0.111253074	0.780009207	0.15119385	0.012599487
755	0.262152778	0.113066205	0.792721297	0.152545074	0.01271209
760	0.263888889	0.114895216	0.805544722	0.153881109	0.012823426
765	0.265625	0.116739924	0.8184782	0.155201727	0.012933477
770	0.267361111	0.118600143	0.831520425	0.156506708	0.013042226
775	0.269097222	0.120475684	0.844670078	0.157795838	0.013149653
780	0.270833333	0.122366356	0.857925821	0.15906891	0.013255743
785	0.272569444	0.124271967	0.871286298	0.160325726	0.013360477
790	0.274305556	0.126192321	0.884750139	0.161566093	0.013463841
795	0.276041667	0.12812722	0.898315958	0.162789823	0.013565819
800	0.277777778	0.130076465	0.911982353	0.163996739	0.013666395
805	0.279513889	0.132039852	0.925747908	0.165186667	0.013765556
810	0.28125	0.134017179	0.939611195	0.166359442	0.013863287
815	0.282986111	0.13600824	0.95357077	0.167514904	0.013959575
820	0.284722222	0.138012827	0.967625179	0.168652901	0.014054408
825	0.286458333	0.14003073	0.981772953	0.169773285	0.014147774
830	0.288194444	0.142061739	0.996012612	0.170875917	0.01423966
835	0.289930556	0.144105642	1.010340668	0.171960663	0.014330055

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
840	0.291666667	0.146162223	1.024761617	0.173027395	0.01441895
845	0.293402778	0.148231268	1.03926795	0.174075994	0.014506333
850	0.295138889	0.15031256	1.053860145	0.175106343	0.014592195
855	0.296875	0.15240588	1.068536673	0.176118334	0.014676528
860	0.298611111	0.154511009	1.083295995	0.177111864	0.014759322
865	0.300347222	0.156627726	1.098136565	0.178086838	0.01484057
870	0.302083333	0.15875581	1.113056828	0.179043163	0.014920264
875	0.303819444	0.160895038	1.128055225	0.179980756	0.014998396
880	0.305555556	0.163045187	1.143130186	0.180899538	0.015074962
885	0.307291667	0.165206032	1.158280139	0.181799436	0.015149953
890	0.309027778	0.167377347	1.173503505	0.182680383	0.015223365
895	0.310763889	0.169558908	1.188798698	0.183542317	0.015295193
900	0.3125	0.171750486	1.20416413	0.184385183	0.015365432
905	0.314236111	0.173951856	1.219598207	0.185208931	0.015434078
910	0.315972222	0.176162789	1.235099333	0.186013516	0.015501126
915	0.317708333	0.178383057	1.250665908	0.186798899	0.015566575
920	0.319444444	0.180612431	1.266296329	0.187565048	0.015630421
925	0.321180556	0.182850682	1.28198899	0.188311933	0.015692661
930	0.322916667	0.185097582	1.297742285	0.189039533	0.015753294
935	0.324652778	0.1873529	1.313554604	0.18974783	0.015812319
940	0.326388889	0.189616408	1.329424338	0.190436812	0.015869734
945	0.328125	0.191887875	1.345349877	0.191106472	0.015925539
950	0.329861111	0.194167072	1.361329612	0.19175681	0.015979734
955	0.331597222	0.196453769	1.377361931	0.192387827	0.016032319
960	0.333333333	0.198747737	1.393445225	0.192999533	0.016083294
965	0.335069444	0.201048746	1.409577887	0.193591942	0.016132662
970	0.336805556	0.203356567	1.425758309	0.194165071	0.016180423
975	0.338541667	0.205670971	1.441984888	0.194718946	0.016226579
980	0.340277778	0.20799173	1.458256021	0.195253593	0.016271133
985	0.342013889	0.210318616	1.474570108	0.195769046	0.016314087
990	0.34375	0.212651401	1.490925553	0.196265343	0.016355445
995	0.345486111	0.214989857	1.507320764	0.196742527	0.016395211
1000	0.347222222	0.217333759	1.523754151	0.197200644	0.016433387
1005	0.348958333	0.21968288	1.54022413	0.197639748	0.016469979
1010	0.350694444	0.222036994	1.556729121	0.198059894	0.016504991
1015	0.352430556	0.224395878	1.57326755	0.198461143	0.016538429
1020	0.354166667	0.226759307	1.589837846	0.198843561	0.016570297
1025	0.355902778	0.229127058	1.606438448	0.199207217	0.016600601
1030	0.357638889	0.23149891	1.623067797	0.199552187	0.016629349
1035	0.359375	0.233874641	1.639724342	0.199878547	0.016656546
1040	0.361111111	0.236254031	1.656406541	0.200186382	0.016682198
1045	0.362847222	0.23863686	1.673112856	0.200475777	0.016706315
1050	0.364583333	0.241022911	1.689841758	0.200746824	0.016728902
1055	0.366319444	0.243411967	1.706591726	0.200999619	0.016749968
1060	0.368055556	0.245803811	1.723361247	0.201234259	0.016769522
1065	0.369791667	0.24819823	1.740148818	0.201450849	0.016787571
1070	0.371527778	0.25059501	1.756952943	0.201649496	0.016804125
1075	0.373263889	0.25299394	1.773772135	0.20183031	0.016819193
1080	0.375	0.255394807	1.790604919	0.201993407	0.016832784
1085	0.376736111	0.257797405	1.807449828	0.202138905	0.016844909
1090	0.378472222	0.260201523	1.824305405	0.202266926	0.016855577
1095	0.380208333	0.262606957	1.841170205	0.202377597	0.0168648
1100	0.381944444	0.265013502	1.858042792	0.202471046	0.016872587
1105	0.383680556	0.267420955	1.874921743	0.202547408	0.016878951
1110	0.385416667	0.269829114	1.891805644	0.202606819	0.016883902
1115	0.387152778	0.272237779	1.908693096	0.20264942	0.016887452

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
1120	0.388888889	0.274646752	1.925582709	0.202675353	0.016889613
1125	0.390625	0.277055837	1.942473106	0.202684767	0.016890397
1130	0.392361111	0.27946484	1.959362924	0.202677811	0.016889818
1135	0.394097222	0.281873567	1.97625081	0.202654638	0.016887887
1140	0.395833333	0.284281827	1.993135427	0.202615407	0.016884617
1145	0.397569444	0.286689433	2.01001545	0.202560276	0.016880023
1150	0.399305556	0.289096196	2.026889568	0.20248941	0.016874117
1155	0.401041667	0.291501932	2.043756482	0.202402973	0.016866914
1160	0.402777778	0.293906457	2.06061491	0.202301136	0.016858428
1165	0.404513889	0.296309591	2.077463583	0.202184069	0.016848672
1170	0.40625	0.298711155	2.094301245	0.20205195	0.016837662
1175	0.407986111	0.301110971	2.111126658	0.201904954	0.016825413
1180	0.409722222	0.303508866	2.127938597	0.201743264	0.016811939
1185	0.411458333	0.305904666	2.144735852	0.201567062	0.016797255
1190	0.413194444	0.308298202	2.16151723	0.201376534	0.016781378
1195	0.414930556	0.310689305	2.178281552	0.20117187	0.016764323
1200	0.416666667	0.31307781	2.195027657	0.200953261	0.016746105
1205	0.418402778	0.315463552	2.211754399	0.2007209	0.016726742
1210	0.420138889	0.317846372	2.228460648	0.200474985	0.016706249
1215	0.421875	0.320226111	2.24514529	0.200215713	0.016684643
1220	0.423611111	0.322602611	2.261807231	0.199943287	0.016661941
1225	0.425347222	0.324975719	2.27844539	0.199657909	0.016638159
1230	0.427083333	0.327345284	2.295058706	0.199359786	0.016613316
1235	0.428819444	0.329711157	2.311646133	0.199049126	0.016587427
1240	0.430555556	0.33207319	2.328206645	0.19872614	0.016560512
1245	0.432291667	0.334431241	2.344739231	0.198391038	0.016532587
1250	0.434027778	0.336785167	2.361242901	0.198044037	0.01650367
1255	0.435763889	0.339134829	2.37771668	0.197685353	0.016473779
1260	0.4375	0.341480093	2.394159614	0.197315203	0.016442934
1265	0.439236111	0.343820823	2.410570765	0.19693381	0.016411151
1270	0.440972222	0.346156888	2.426949214	0.196541394	0.01637845
1275	0.442708333	0.348488162	2.443294063	0.19613818	0.016344848
1280	0.444444444	0.350814517	2.459604429	0.195724395	0.016310366
1285	0.446180556	0.353135831	2.475879451	0.195300265	0.016275022
1290	0.447916667	0.355451983	2.492118286	0.19486602	0.016238835
1295	0.449652778	0.357762857	2.50832011	0.194421891	0.016201824
1300	0.451388889	0.360068337	2.524484119	0.19396811	0.016164009
1305	0.453125	0.362368312	2.540609529	0.193504912	0.016125409
1310	0.454861111	0.364662672	2.556695573	0.193032531	0.016086044
1315	0.456597222	0.36695131	2.572741507	0.192551206	0.016045934
1320	0.458333333	0.369234125	2.588746604	0.192061173	0.016005098
1325	0.460069444	0.371511014	2.604710161	0.191562673	0.015963556
1330	0.461805556	0.373781481	2.620631489	0.191055946	0.015921329
1335	0.463541667	0.37604663	2.636509926	0.190541235	0.015878436
1340	0.465277778	0.378305168	2.652344824	0.190018782	0.015834898
1345	0.467013889	0.380557408	2.66813556	0.189488831	0.015790736
1350	0.46875	0.382803263	2.683881529	0.188951629	0.015745969
1355	0.470486111	0.38504265	2.699582148	0.188407421	0.015700618
1360	0.472222222	0.387275487	2.715236852	0.187856455	0.015654705
1365	0.473958333	0.389501699	2.7308451	0.187298979	0.015608248
1370	0.475694444	0.39172121	2.746406371	0.186735241	0.01556127
1375	0.477430556	0.393933949	2.761920162	0.186165492	0.015513791
1380	0.479166667	0.396139848	2.777385993	0.185589982	0.015465832
1385	0.480902778	0.398338841	2.792803407	0.185008962	0.015417414
1390	0.482638889	0.400530865	2.808171964	0.184422685	0.015368557
1395	0.484375	0.402715862	2.823491247	0.183831402	0.015319283

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
1400	0.486111111	0.404893774	2.838760861	0.183235366	0.015269614
1405	0.487847222	0.407064548	2.853980431	0.182634832	0.015219569
1410	0.489583333	0.409228134	2.869149602	0.182030052	0.015169171
1415	0.491319444	0.411384484	2.884268042	0.181421282	0.01511844
1420	0.493055556	0.413533554	2.899333544	0.180808775	0.015067398
1425	0.494791667	0.415675303	2.914351505	0.180192787	0.015016066
1430	0.496527778	0.417809691	2.92931597	0.179573573	0.014964464
1435	0.498263889	0.419936684	2.944228585	0.178951387	0.014912616
1440	0.5	0.42205625	2.959089126	0.178326486	0.01486054
1445	0.501736111	0.424168359	2.973897386	0.177699125	0.01480826
1450	0.503472222	0.426272985	2.988653183	0.177069559	0.014755797
1455	0.505208333	0.428370105	3.003356353	0.176438043	0.01470317
1460	0.506944444	0.430459699	3.018006756	0.175804834	0.014650403
1465	0.508680556	0.432541749	3.032604271	0.175170186	0.014597516
1470	0.510416667	0.434616242	3.047148801	0.174534355	0.01454453
1475	0.512152778	0.436683167	3.061640267	0.173897594	0.014491466
1480	0.513888889	0.438742515	3.076078614	0.173260159	0.014438347
1485	0.515625	0.440794281	3.090463806	0.172622304	0.014385192
1490	0.517361111	0.442838464	3.104795829	0.171984283	0.014332024
1495	0.519097222	0.444875065	3.119074692	0.171346348	0.014278862
1500	0.520833333	0.446904088	3.133300421	0.170708753	0.014225729
1505	0.522569444	0.448925539	3.147473067	0.17007175	0.014172646
1510	0.524305556	0.450939428	3.1615927	0.169435591	0.014119633
1515	0.526041667	0.45294577	3.17565941	0.168800527	0.014066711
1520	0.527777778	0.454944579	3.189673311	0.168166807	0.014013901
1525	0.529513889	0.456935875	3.203634534	0.167534682	0.013961224
1530	0.53125	0.458919679	3.217543234	0.1669044	0.0139087
1535	0.532986111	0.460896017	3.231399585	0.16627621	0.013856351
1540	0.534722222	0.462864916	3.245203782	0.165650358	0.013804196
1545	0.536458333	0.464856039	3.258956039	0.16502709	0.013752257
1550	0.538194444	0.466780523	3.272656593	0.164406651	0.013700554
1555	0.539930556	0.468727301	3.2863057	0.163789285	0.013649107
1560	0.541666667	0.470666781	3.299903637	0.163175236	0.013597936
1565	0.543402778	0.472599005	3.313450699	0.162564744	0.013547062
1570	0.545138889	0.474524018	3.326947203	0.16195805	0.013496504
1575	0.546875	0.476441867	3.340393486	0.161355394	0.013446283
1580	0.548611111	0.478352604	3.353789903	0.160757013	0.013396418
1585	0.550347222	0.480256283	3.367136832	0.160163143	0.013346929
1590	0.552083333	0.482152959	3.380434667	0.159574021	0.013297835
1595	0.553819444	0.484042693	3.393683824	0.158989878	0.013249157
1600	0.555555556	0.485925545	3.406884736	0.158410948	0.013200912
1605	0.557291667	0.487801581	3.420037858	0.157837461	0.013153122
1610	0.559027778	0.489670868	3.433143661	0.157269645	0.013105804
1615	0.560763889	0.491533476	3.446202639	0.156707729	0.013058977
1620	0.5625	0.493389477	3.4592153	0.156151936	0.013012661
1625	0.564236111	0.495238949	3.472182175	0.155602492	0.012966874
1630	0.565972222	0.497081967	3.485103809	0.155059617	0.012921635
1635	0.567708333	0.498918614	3.49798077	0.154523532	0.012876961
1640	0.569444444	0.500748973	3.510813642	0.153994454	0.012832871
1645	0.571180556	0.502573128	3.523603025	0.1534726	0.012789383
1650	0.572916667	0.50439117	3.53634954	0.152958184	0.012746515
1655	0.574652778	0.506203188	3.549053825	0.152451417	0.012704285
1660	0.576388889	0.508009276	3.561716534	0.151952508	0.012662709
1665	0.578125	0.50980953	3.57433834	0.151461667	0.012621806
1670	0.579861111	0.511604048	3.586919931	0.150979097	0.012581591
1675	0.581597222	0.513392931	3.599462014	0.150505002	0.012542083

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
1680	0.583333333	0.515176282	3.611965313	0.150039582	0.012503298
1685	0.585069444	0.516954207	3.624430566	0.149583035	0.012465253
1690	0.586805556	0.518726813	3.636858529	0.149135558	0.012427963
1695	0.588541667	0.520494211	3.649249974	0.148697343	0.012391445
1700	0.590277778	0.522256512	3.661605689	0.148268581	0.012355715
1705	0.592013889	0.524013832	3.673926478	0.14784946	0.012320788
1710	0.59375	0.525766287	3.686213158	0.147440166	0.01228668
1715	0.595486111	0.527513996	3.698466565	0.147040881	0.012253407
1720	0.597222222	0.52925708	3.710687547	0.146651784	0.012220982
1725	0.598958333	0.530995663	3.722876968	0.146273054	0.012189421
1730	0.600694444	0.53272987	3.735035707	0.145904865	0.012158739
1735	0.602430556	0.534459827	3.747164656	0.145547387	0.012128949
1740	0.604166667	0.536185665	3.759264721	0.145200789	0.012100066
1745	0.605902778	0.537907515	3.771336824	0.144865236	0.012072103
1750	0.607638889	0.539625509	3.783381899	0.144540891	0.012045074
1755	0.609375	0.541339784	3.795400891	0.144227912	0.012018993
1760	0.611111111	0.543050475	3.807394762	0.143926456	0.011993871
1765	0.612847222	0.544757722	3.819364485	0.143636675	0.011969723
1770	0.614583333	0.546461666	3.831311045	0.143358718	0.01194656
1775	0.616319444	0.548162447	3.84323544	0.143092732	0.011924394
1780	0.618055556	0.549860212	3.855138678	0.14283886	0.011903238
1785	0.619791667	0.551555104	3.867021781	0.14259724	0.011883103
1790	0.621527778	0.553247272	3.878885782	0.142368009	0.011864001
1795	0.623263889	0.554936864	3.890731723	0.142151298	0.011845941
1800	0.625	0.556624031	3.90256066	0.141947236	0.011828936
1805	0.626736111	0.558308924	3.914373656	0.141755949	0.011812996
1810	0.628472222	0.559991697	3.926171785	0.141577557	0.01179813
1815	0.630208333	0.561672504	3.937956134	0.141412179	0.011784348
1820	0.631944444	0.563351501	3.949727794	0.141259927	0.011771661
1825	0.633680556	0.565028846	3.96148787	0.141120912	0.011760076
1830	0.635416667	0.566704698	3.973237473	0.140995239	0.011749603
1835	0.637152778	0.568379215	3.984977724	0.140883012	0.011740251
1840	0.638888889	0.57005256	3.996709752	0.140784327	0.011732027
1845	0.640625	0.571724893	4.008434691	0.140699279	0.01172494
1850	0.642361111	0.573396379	4.020153688	0.140627958	0.011718997
1855	0.644097222	0.575067181	4.031867892	0.140570449	0.011714204
1860	0.645833333	0.576737465	4.043578462	0.140526835	0.01171057
1865	0.647569444	0.578407397	4.055286561	0.140497192	0.011708099
1870	0.649305556	0.580077143	4.06699336	0.140481592	0.011706799
1875	0.651041667	0.581746872	4.078700036	0.140480106	0.011706676
1880	0.652777778	0.583416751	4.090407769	0.140492797	0.011707733
1885	0.654513889	0.585086951	4.102117746	0.140519724	0.011709977
1890	0.65625	0.58675764	4.113831158	0.140560943	0.011713412
1895	0.657986111	0.58842899	4.1255492	0.140616505	0.011718042
1900	0.659722222	0.590101171	4.137273071	0.140686455	0.011723871
1905	0.661458333	0.591774355	4.149003974	0.140770835	0.011730903
1910	0.663194444	0.593448714	4.160743114	0.140869681	0.01173914
1915	0.664930556	0.59512442	4.1724917	0.140983025	0.011748585
1920	0.666666667	0.596801646	4.184250941	0.141110895	0.011759241
1925	0.668402778	0.598480565	4.19602205	0.141253312	0.011771109
1930	0.670138889	0.600161349	4.207806241	0.141410293	0.011784191
1935	0.671875	0.601844173	4.219604729	0.141581851	0.011798488
1940	0.673611111	0.603529209	4.231418728	0.141767992	0.011813999
1945	0.675347222	0.605216631	4.243249455	0.14196872	0.011830727
1950	0.677083333	0.606906613	4.255098124	0.14218403	0.011848669
1955	0.678819444	0.608599326	4.26696595	0.142413915	0.011867826

Best Fit Line Storm Characteristics

Time [min]	T/Total	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
1960	0.680555556	0.610294945	4.278854147	0.142658361	0.011888197
1965	0.682293667	0.611993642	4.290763926	0.142917349	0.011909779
1970	0.684027778	0.613695591	4.302696497	0.143190855	0.011932571
1975	0.685763889	0.615400962	4.314653068	0.14347885	0.011956571
1980	0.6875	0.617109928	4.326634843	0.143781298	0.011981775
1985	0.689236111	0.61882266	4.338643023	0.144098159	0.01200818
1990	0.690972222	0.620539329	4.350678805	0.144429388	0.012035782
1995	0.692708333	0.622260106	4.362743383	0.144774932	0.012064578
2000	0.694444444	0.623985158	4.374837944	0.145134734	0.012094561
2005	0.696180556	0.625714657	4.386963672	0.145508731	0.012125728
2010	0.697916667	0.627448768	4.399121743	0.145896855	0.012158071
2015	0.699652778	0.629187659	4.411313329	0.146299031	0.012191586
2020	0.701388889	0.630931497	4.423539594	0.146715178	0.012226265
2025	0.703125	0.632680446	4.435801694	0.14714521	0.012262101
2030	0.704861111	0.634434671	4.448100781	0.147589035	0.012299086
2035	0.706597222	0.636194333	4.460437994	0.148046555	0.012337213
2040	0.708333333	0.637959595	4.472814466	0.148517665	0.012376472
2045	0.710069444	0.639730617	4.48523132	0.149002255	0.012416855
2050	0.711805556	0.641507557	4.497689671	0.149500207	0.012458351
2055	0.713541667	0.643290573	4.510190621	0.1500114	0.01250095
2060	0.715277778	0.645079821	4.522735263	0.150535704	0.012544642
2065	0.717013889	0.646875456	4.535324678	0.151072984	0.012589415
2070	0.71875	0.648677628	4.547959936	0.151623097	0.012635258
2075	0.720486111	0.65048649	4.560642094	0.152185896	0.012682158
2080	0.722222222	0.652302191	4.573372196	0.152761226	0.012730102
2085	0.723958333	0.654124876	4.586151274	0.153348925	0.012779077
2090	0.725694444	0.655954692	4.598980342	0.153948826	0.012829069
2095	0.727430556	0.657791782	4.611860405	0.154560753	0.012880063
2100	0.729166667	0.659636285	4.624792449	0.155184527	0.012932044
2105	0.730902778	0.661488341	4.637777446	0.155819959	0.012984997
2110	0.732638889	0.663348086	4.65081635	0.156466854	0.013038904
2115	0.734375	0.665215654	4.663910101	0.157125011	0.013093751
2120	0.736111111	0.667091176	4.677059619	0.157794221	0.013149518
2125	0.737847222	0.668974781	4.690265808	0.158474269	0.013206189
2130	0.739583333	0.670866595	4.703529553	0.159164932	0.013263744
2135	0.741319444	0.672766741	4.716851718	0.159865982	0.013322165
2140	0.743055556	0.674675341	4.73023315	0.160577182	0.013381432
2145	0.744791667	0.676592512	4.743674674	0.161298287	0.013441524
2150	0.746527778	0.678518368	4.757177094	0.162029048	0.013502421
2155	0.748263889	0.680453022	4.770741195	0.162769206	0.0135641
2160	0.75	0.682396582	4.784367736	0.163518495	0.013626541
2165	0.751736111	0.684349153	4.798057456	0.164276643	0.01368972
2170	0.753472222	0.686310838	4.811811071	0.16504337	0.013753614
2175	0.755208333	0.688281734	4.82562927	0.165818388	0.013818199
2180	0.756944444	0.690261937	4.83951272	0.166601402	0.01388345
2185	0.758680556	0.692251538	4.853462062	0.167392109	0.013949342
2190	0.760416667	0.694250625	4.867477912	0.168190199	0.01401585
2195	0.762152778	0.696259282	4.881560858	0.168995354	0.014082946
2200	0.763888889	0.698277589	4.895711462	0.169807248	0.014150604
2205	0.765625	0.700305623	4.909930258	0.170625547	0.014218796
2210	0.767361111	0.702343454	4.924217751	0.171449912	0.014287493
2215	0.769097222	0.704391152	4.938574416	0.172279991	0.014356666
2220	0.770833333	0.70644878	4.953000702	0.173115429	0.014426286
2225	0.772569444	0.708516397	4.967497024	0.17395586	0.014496322
2230	0.774305556	0.710594058	4.982063766	0.174800911	0.014566743
2235	0.776041667	0.712681814	4.996701283	0.1756502	0.014637517

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
2240	0.777777778	0.714777771	5.011409895	0.17650334	0.014708612
2245	0.779513889	0.716887787	5.026189889	0.177359932	0.0147739994
2250	0.78125	0.719006082	5.04104152	0.17821957	0.014851631
2255	0.782986111	0.721134626	5.055965007	0.179081841	0.014923487
2260	0.784722222	0.723273445	5.070960533	0.179946322	0.014995527
2265	0.786458333	0.72542256	5.086028249	0.180812582	0.015067715
2270	0.788194444	0.727581988	5.101168264	0.181680183	0.015140015
2275	0.789930556	0.729751738	5.116380654	0.182548676	0.01521239
2280	0.791666667	0.731931816	5.131665454	0.183417607	0.015284801
2285	0.793402778	0.734122222	5.147022663	0.184286509	0.015357209
2290	0.795138889	0.736322949	5.162452239	0.185154909	0.015429576
2295	0.796875	0.738533987	5.177954099	0.186022326	0.01550186
2300	0.798611111	0.740755317	5.193528122	0.186888268	0.015574022
2305	0.800347222	0.742986916	5.209174141	0.187752236	0.01564602
2310	0.802083333	0.745228755	5.224891952	0.188613722	0.01571781
2315	0.803819444	0.747480797	5.240681302	0.189472207	0.015789351
2320	0.805555556	0.749743001	5.256541899	0.190327166	0.015860597
2325	0.807291667	0.752015319	5.272473405	0.191178064	0.015931505
2330	0.809027778	0.754297696	5.288475434	0.192024355	0.01600203
2335	0.810763889	0.756590071	5.304547558	0.192865486	0.016072124
2340	0.8125	0.758892375	5.320689299	0.193700896	0.016141741
2345	0.814236111	0.761204533	5.336900134	0.194530011	0.016210834
2350	0.815972222	0.763526465	5.353179488	0.19535225	0.016279354
2355	0.817708333	0.765858081	5.36952674	0.196167024	0.016347252
2360	0.819444444	0.768199286	5.385941218	0.196973732	0.016414478
2365	0.821180556	0.770549976	5.402422198	0.197771765	0.01648098
2370	0.822916667	0.77291004	5.418968907	0.198560505	0.016546709
2375	0.824652778	0.775279362	5.435580517	0.199339322	0.01661161
2380	0.826388889	0.777657815	5.452256149	0.20010758	0.016675632
2385	0.828125	0.780045266	5.468994868	0.200884631	0.016738719
2390	0.829861111	0.782441575	5.485795686	0.201609818	0.016800818
2395	0.831597222	0.784846591	5.502657559	0.202342473	0.016861873
2400	0.833333333	0.787260159	5.519579386	0.203061921	0.016921827
2405	0.835069444	0.789682114	5.536560008	0.203767475	0.016980623
2410	0.836805556	0.79211228	5.553598212	0.204458438	0.017038203
2415	0.838541667	0.794550478	5.57069272	0.205134105	0.017094509
2420	0.840277778	0.796996516	5.5878422	0.205793758	0.01714948
2425	0.842013889	0.799450196	5.605045256	0.206436673	0.017203056
2430	0.84375	0.80191131	5.622300432	0.207062112	0.017255176
2435	0.845486111	0.804379641	5.63960621	0.207669328	0.017305777
2440	0.847222222	0.806854964	5.656961007	0.208257566	0.017354797
2445	0.848958333	0.809337043	5.674363178	0.208826058	0.017402172
2450	0.850694444	0.811825636	5.691811014	0.209374027	0.017447836
2455	0.852430556	0.814320489	5.709302738	0.209900686	0.017491724
2460	0.854166667	0.816821339	5.726836507	0.210405236	0.01753377
2465	0.855902778	0.819327913	5.744410413	0.210886869	0.017573906
2470	0.857638889	0.82183993	5.762022477	0.211344767	0.017612064
2475	0.859375	0.824357097	5.779670652	0.211778099	0.017648175
2480	0.861111111	0.826879113	5.797352821	0.212186025	0.017682169
2485	0.862847222	0.829405665	5.815066795	0.212567695	0.017713975
2490	0.864583333	0.831936432	5.832810316	0.212922248	0.017743521
2495	0.866319444	0.83447108	5.85058105	0.213248811	0.017770734
2500	0.868055556	0.837009266	5.868376592	0.213546501	0.017795542
2505	0.869791667	0.839550637	5.886194461	0.213814424	0.017817869
2510	0.871527778	0.842094828	5.9040321	0.214051676	0.01783764
2515	0.873263889	0.844641463	5.921886879	0.214257341	0.017854778

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
2520	0.875	0.847190157	5.939756086	0.214430491	0.017869208
2525	0.876736111	0.84974051	5.957636936	0.21457019	0.017880849
2530	0.878472222	0.852292116	5.97552656	0.214675488	0.017889624
2535	0.880208333	0.854844552	5.993422012	0.214745426	0.017895452
2540	0.881944444	0.857397388	6.011320264	0.21477903	0.017898253
2545	0.883680556	0.85995018	6.029218208	0.214775321	0.017897943
2550	0.885416667	0.862502473	6.047112649	0.214733302	0.017894442
2555	0.887152778	0.865053799	6.065000314	0.214651969	0.017887664
2560	0.888888889	0.867603678	6.082877839	0.214530305	0.017877525
2565	0.890625	0.87015162	6.100741779	0.214367283	0.01786394
2570	0.892361111	0.872697121	6.118588601	0.214161861	0.017846822
2575	0.894097222	0.875239663	6.136414683	0.213912989	0.017826082
2580	0.895833333	0.877778718	6.154216317	0.213619605	0.017801634
2585	0.897569444	0.880313745	6.171989703	0.213280632	0.017773386
2590	0.899305556	0.882844187	6.189730952	0.212894985	0.017741249
2595	0.901041667	0.885369478	6.207436082	0.212461566	0.01770513
2600	0.902777778	0.887889037	6.225101021	0.211979264	0.017664939
2605	0.904513889	0.890402268	6.242721601	0.211446958	0.01762058
2610	0.90625	0.892908565	6.26029356	0.210863513	0.017571959
2615	0.907986111	0.895407305	6.277812542	0.210227785	0.017518982
2620	0.909722222	0.897897854	6.295274094	0.209538615	0.017461551
2625	0.911458333	0.900379563	6.312673663	0.208794832	0.017399569
2630	0.913194444	0.902851768	6.330006601	0.207995256	0.017332938
2635	0.914930556	0.905313792	6.347268159	0.207138691	0.017261558
2640	0.916666667	0.907764943	6.364453486	0.20622393	0.017185328
2645	0.918402778	0.910204515	6.381557632	0.205249756	0.017104146
2650	0.920138889	0.912631788	6.398575544	0.204214937	0.017017911
2655	0.921875	0.915046025	6.415502063	0.203118228	0.016926519
2660	0.923611111	0.917446476	6.432331927	0.201958374	0.016829865
2665	0.925347222	0.919832376	6.44905977	0.200734107	0.016727842
2670	0.927083333	0.922202944	6.465680115	0.199444144	0.016620345
2675	0.928819444	0.924573383	6.482187381	0.198087193	0.016507266
2680	0.930555556	0.926894882	6.498575877	0.196661946	0.016388496
2685	0.932291667	0.929214613	6.5148398	0.195167085	0.016263924
2690	0.934027778	0.931515733	6.53097324	0.193601277	0.01613344
2695	0.935763889	0.933797382	6.546970172	0.191963178	0.015996932
2700	0.9375	0.936058686	6.562824458	0.19025143	0.015854286
2705	0.939236111	0.938298753	6.578529846	0.188464663	0.015705389
2710	0.940972222	0.940516675	6.59407997	0.186601492	0.015550124
2715	0.942708333	0.942711526	6.609468347	0.184660521	0.015388377
2720	0.944444444	0.944882366	6.624688376	0.182640341	0.015220028
2725	0.946180556	0.947028235	6.639733336	0.180539528	0.015044961
2730	0.947916667	0.94914816	6.65459639	0.178356648	0.014863054
2735	0.949652778	0.951241146	6.669270578	0.17609025	0.014674187
2740	0.951388889	0.953306184	6.683748817	0.173738872	0.014478239
2745	0.953125	0.955342246	6.698023903	0.171301038	0.014275086
2750	0.954861111	0.957348287	6.712088508	0.168775259	0.014064605
2755	0.956597222	0.959323244	6.725935178	0.166160032	0.013846669
2760	0.958333333	0.961266035	6.739556331	0.163453841	0.013621153
2765	0.960069444	0.963175562	6.752944261	0.160655157	0.01338793
2770	0.961805556	0.965050706	6.766091131	0.157762436	0.01314687
2775	0.963541667	0.966890331	6.778988974	0.154774121	0.012897843
2780	0.965277778	0.968693283	6.791629694	0.151688642	0.01264072
2785	0.967013889	0.970458387	6.804005062	0.148504413	0.012375368
2790	0.96875	0.972184452	6.816106715	0.145219838	0.012101653
2795	0.970486111	0.973870264	6.827926157	0.141833304	0.011819442

Best Fit Line Storm Characteristics

Time [min]	T/Ttotal	P/PTotal	Cumulative Precipitation [in]	Intensity [in/hr]	Incremental Precipitation [in]
2800	0.972222222	0.975514594	6.839454756	0.138343184	0.011528599
2805	0.973958333	0.977116189	6.850683742	0.13474784	0.011228987
2810	0.975694444	0.978673781	6.86160421	0.131045616	0.010920468
2815	0.977430556	0.980186078	6.872207114	0.127234846	0.010602904
2820	0.979166667	0.98165177	6.882483268	0.123313847	0.010276154
2825	0.980902778	0.983069528	6.892423345	0.119280923	0.009940077
2830	0.982638889	0.984438	6.902017875	0.115134363	0.00959453
2835	0.984375	0.985755816	6.911257246	0.110872443	0.00923937
2840	0.986111111	0.987021583	6.920131698	0.106493424	0.008874452
2845	0.987847222	0.988233889	6.928631327	0.101995552	0.008499629
2850	0.989583333	0.989391301	6.936746082	0.09737706	0.008114755
2855	0.991319444	0.990492362	6.944465762	0.092636165	0.00771968
2860	0.993055556	0.991535598	6.951780018	0.08777107	0.007314256
2865	0.994791667	0.99251951	6.958678348	0.082779964	0.00689833
2870	0.996527778	0.993442579	6.9651501	0.077661021	0.006471752
2875	0.998263889	0.994303263	6.971184467	0.0724124	0.006034367
2880	1	1	7.011125	0.07	0.039940533

Hurricane Intensity and Precipitation Depth vs. Time

